

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051123\
 Data File : VX035613.D
 Acq On : 11 May 2023 17:27
 Operator : JC/MD
 Sample : VX0511WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBSD01

Quant Time: May 12 03:51:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/12/2023
 Supervised By : Mahesh Dadoda 05/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	177906	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	323920	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	288280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	186672	60.146	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 120.300%#			
35) Dibromofluoromethane	5.385	113	125090	57.262	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.520%			
50) Toluene-d8	8.647	98	445672	55.225	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 110.460%			
62) 4-Bromofluorobenzene	11.079	95	180786	55.637	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.280%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	48021	20.712	ug/l	99
3) Chloromethane	1.295	50	54981	19.540	ug/l	99
4) Vinyl Chloride	1.374	62	49822	20.865	ug/l	95
5) Bromomethane	1.618	94	28706	22.197	ug/l	98
6) Chloroethane	1.691	64	29598	20.432	ug/l	99
7) Trichlorofluoromethane	1.886	101	72590	20.675	ug/l	99
8) Diethyl Ether	2.130	74	31325	23.172	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	42407	20.343	ug/l	96
10) Methyl Iodide	2.453	142	40246	21.587	ug/l	93
11) Tert butyl alcohol	2.995	59	72184	131.827	ug/l	98
12) 1,1-Dichloroethene	2.319	96	40950	20.669	ug/l	89
13) Acrolein	2.239	56	66367	102.120	ug/l	100
14) Allyl chloride	2.666	41	89077	20.987	ug/l	95
15) Acrylonitrile	3.069	53	146447	121.457	ug/l	99
16) Acetone	2.392	43	150450	112.787	ug/l	94
17) Carbon Disulfide	2.514	76	94363	19.735	ug/l	100
18) Methyl Acetate	2.703	43	118391	24.065	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	182363	23.131	ug/l	97
20) Methylene Chloride	2.788	84	55675	23.029	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	45816	21.104	ug/l	88
22) Diisopropyl ether	3.757	45	186064	22.389	ug/l	99
23) Vinyl Acetate	3.721	43	703442	119.631	ug/l	98
24) 1,1-Dichloroethane	3.611	63	97654	21.972	ug/l	99
25) 2-Butanone	4.562	43	222155	120.306	ug/l	98
26) 2,2-Dichloropropane	4.477	77	74224	19.721	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	56756	21.748	ug/l	96
28) Bromochloromethane	4.898	49	45083	22.551	ug/l	96
29) Tetrahydrofuran	5.013	42	141744	122.126	ug/l	98
30) Chloroform	5.093	83	100770	22.126	ug/l	99
31) Cyclohexane	5.471	56	80764	20.597	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	82471	20.812	ug/l	99
36) 1,1-Dichloropropene	5.690	75	69433	20.136	ug/l	99
37) Ethyl Acetate	4.715	43	85475	23.766	ug/l	100
38) Carbon Tetrachloride	5.678	117	65582	20.078	ug/l	96
39) Methylcyclohexane	7.379	83	81816	20.157	ug/l	96
40) Benzene	6.038	78	204171	21.166	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	48876	22.888	ug/l	95
42) 1,2-Dichloroethane	6.086	62	91993	22.170	ug/l	97
43) Isopropyl Acetate	6.342	43	144525	23.045	ug/l	99
44) Trichloroethene	7.129	130	49093	20.071	ug/l	98
45) 1,2-Dichloropropane	7.428	63	54825	21.460	ug/l	96
46) Dibromomethane	7.580	93	38170	21.827	ug/l	96
47) Bromodichloromethane	7.824	83	72267	21.380	ug/l	99
48) Methyl methacrylate	7.690	41	71527	23.110	ug/l	97
49) 1,4-Dioxane	7.702	88	30525	464.785	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	433398	119.952	ug/l	98
52) Toluene	8.720	92	125650	20.635	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	78388	21.346	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	86333	21.942	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	53127	22.214	ug/l	97
56) Ethyl methacrylate	9.116	69	87804	22.671	ug/l	96
57) 1,3-Dichloropropane	9.305	76	96831	22.334	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	199414	101.213	ug/l	98
59) 2-Hexanone	9.427	43	328548	120.745	ug/l	98
60) Dibromochloromethane	9.519	129	47941	21.029	ug/l	99
61) 1,2-Dibromoethane	9.610	107	56868	22.569	ug/l	98
64) Tetrachloroethene	9.275	164	39133	20.163	ug/l	92
65) Chlorobenzene	10.080	112	133190	21.165	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	47816	21.489	ug/l	99
67) Ethyl Benzene	10.195	91	243849	20.604	ug/l	98
68) m/p-Xylenes	10.299	106	182905	41.810	ug/l	95
69) o-Xylene	10.640	106	91356	21.045	ug/l	97
70) Styrene	10.653	104	148051	21.161	ug/l	98
71) Bromoform	10.799	173	30780	21.024	ug/l #	98
73) Isopropylbenzene	10.964	105	233375	20.865	ug/l	98
74) N-amyl acetate	10.842	43	120824	23.169	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	83806	23.098	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	71194m	21.928	ug/l	
77) Bromobenzene	11.195	156	52946	20.856	ug/l	91
78) n-propylbenzene	11.305	91	274736	20.896	ug/l	97
79) 2-Chlorotoluene	11.366	91	170201	20.676	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	200100	21.049	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	21002	20.848	ug/l #	84
82) 4-Chlorotoluene	11.451	91	196125	20.688	ug/l	99
83) tert-Butylbenzene	11.713	119	192896	20.875	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	202342	21.198	ug/l	96
85) sec-Butylbenzene	11.890	105	240443	20.724	ug/l	98
86) p-Isopropyltoluene	12.006	119	197449	20.701	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	99335	20.598	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	102039	20.953	ug/l	98
89) n-Butylbenzene	12.329	91	175023	20.171	ug/l	98
90) Hexachloroethane	12.536	117	28668	19.830	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	99521	21.074	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19074	23.608	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	59249	20.836	ug/l	98
94) Hexachlorobutadiene	13.725	225	21814	19.327	ug/l	98
95) Naphthalene	13.774	128	227482	23.360	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	59668	21.336	ug/l	98

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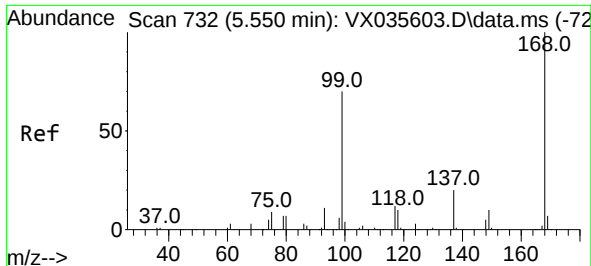
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/12/2023

Quant Time: May 12 03:51:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
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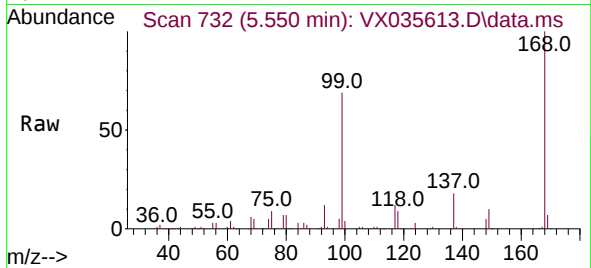
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035613.D
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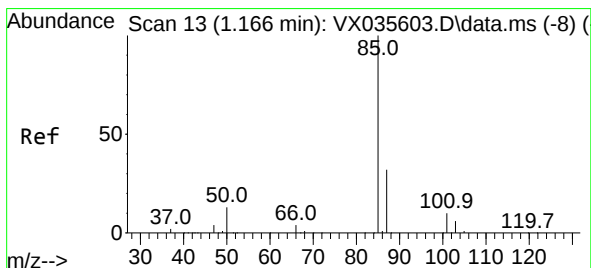
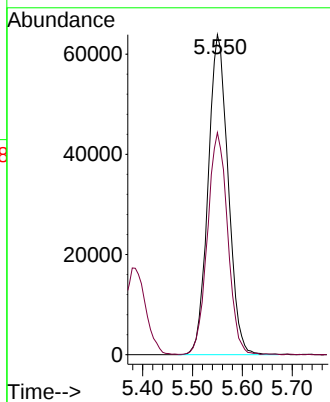
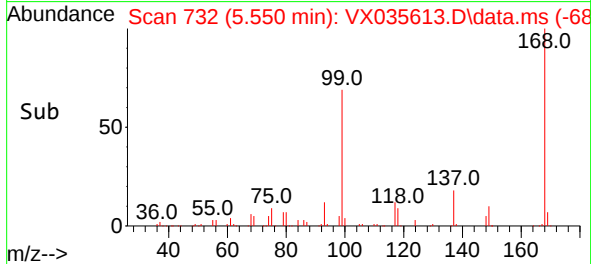
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01



Tgt Ion:168 Resp: 177900
Ion Ratio Lower Upper
168 100
99 69.3 45.7 68.5

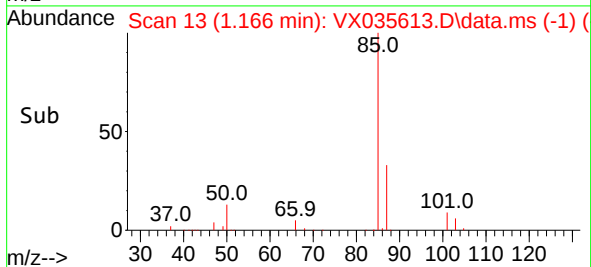
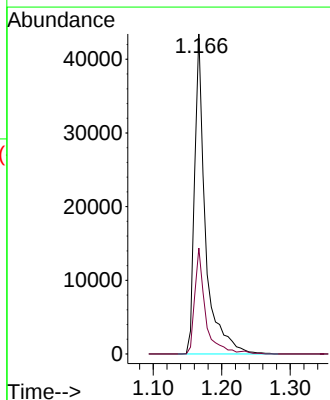
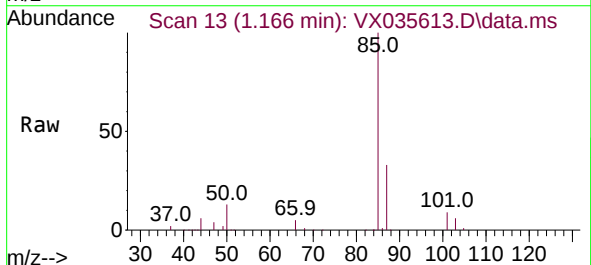
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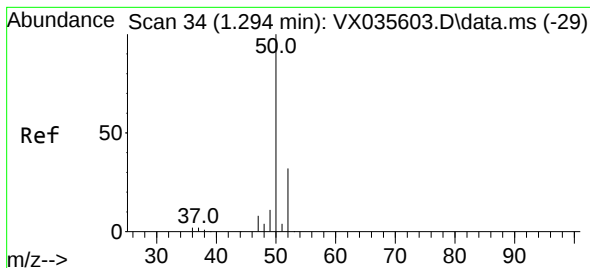
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/12/2023



#2
Dichlorodifluoromethane
Concen: 20.712 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

Tgt Ion: 85 Resp: 48021
Ion Ratio Lower Upper
85 100
87 33.1 16.4 49.1





#3

Chloromethane

Concen: 19.540 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX035613.D

Acq: 11 May 2023 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

Tgt Ion: 50 Resp: 5498

Ion Ratio Lower Upper

50 100

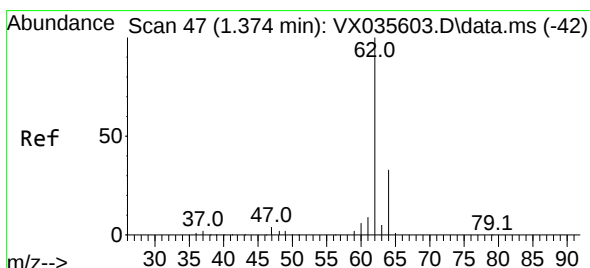
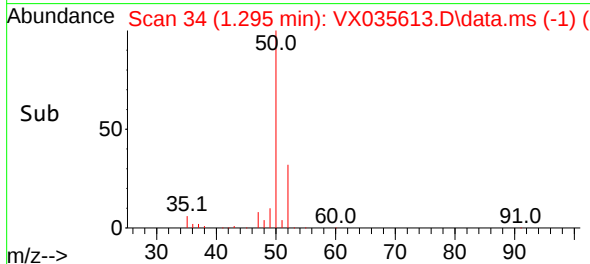
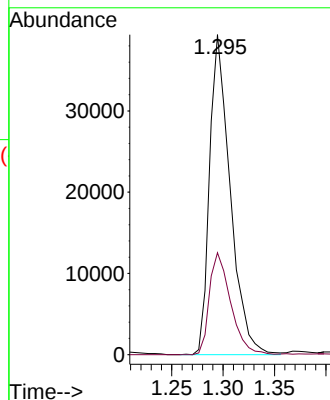
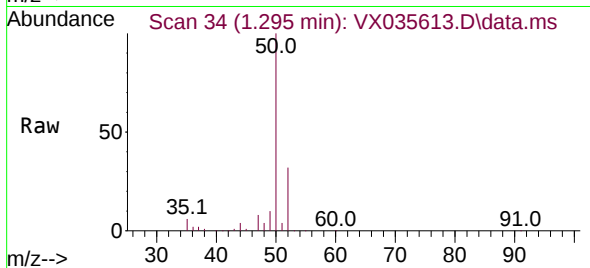
52 31.9 25.9 38.9

Manual Integrations

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Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/12/2023



#4

Vinyl Chloride

Concen: 20.865 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX035613.D

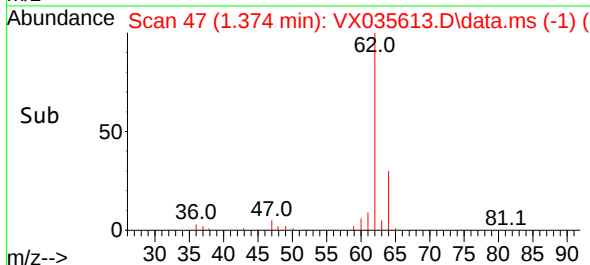
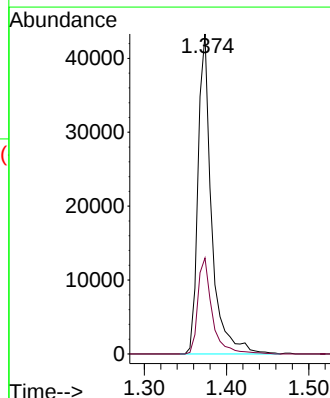
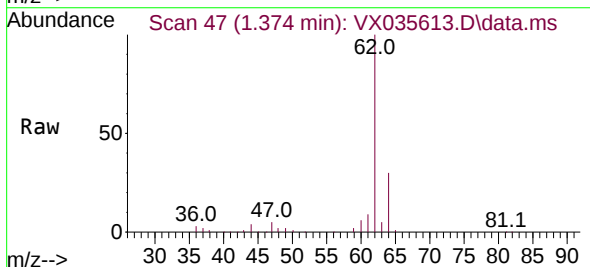
Acq: 11 May 2023 17:27

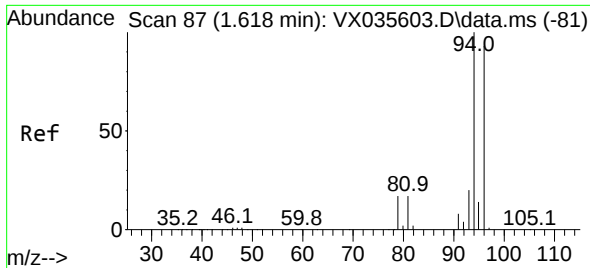
Tgt Ion: 62 Resp: 49822

Ion Ratio Lower Upper

62 100

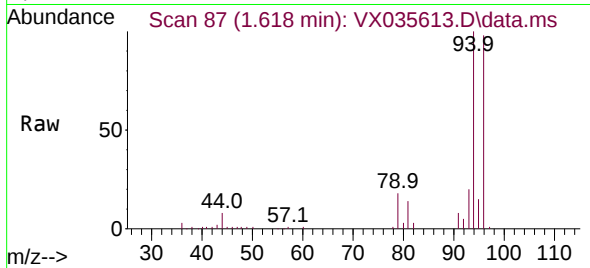
64 30.0 26.4 39.6





#5
Bromomethane
Concen: 22.197 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

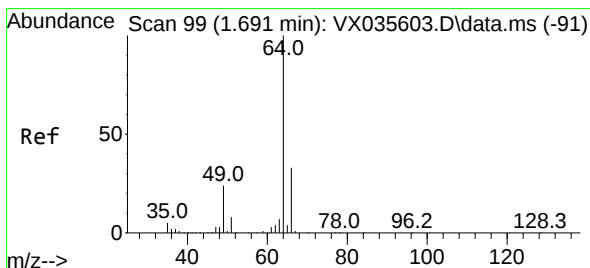
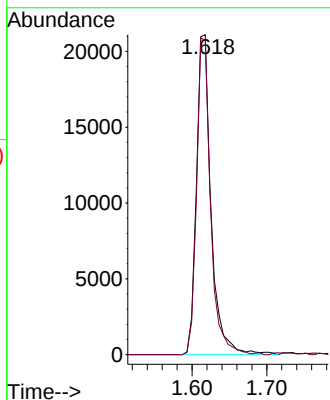
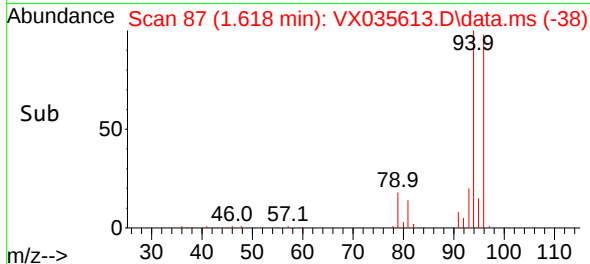
Instrument :
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Tgt Ion: 94 Resp: 28700
Ion Ratio Lower Upper
94 100
96 98.2 77.0 115.6

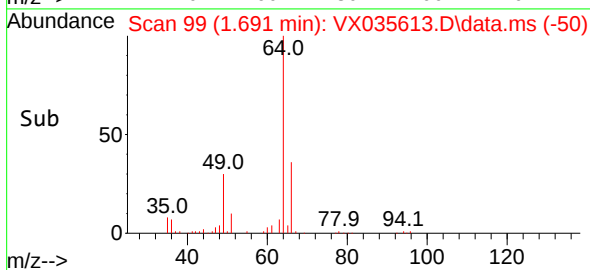
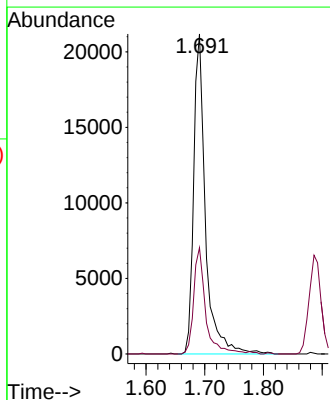
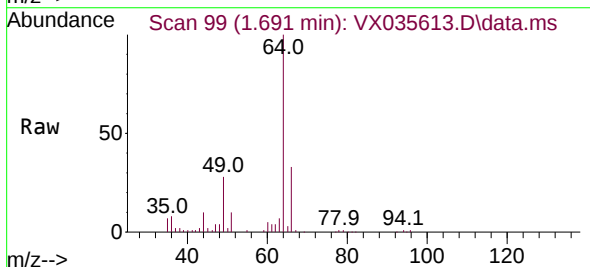
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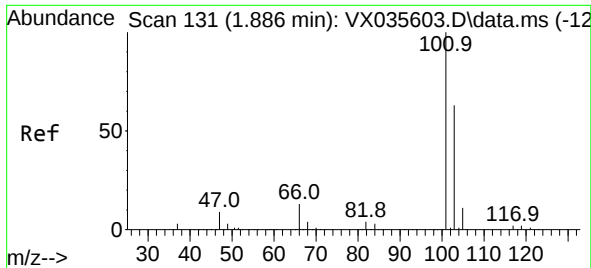
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/12/2023



#6
Chloroethane
Concen: 20.432 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

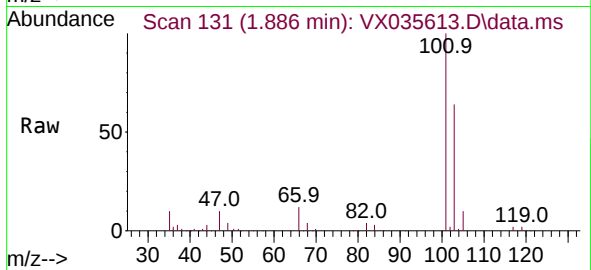
Tgt Ion: 64 Resp: 29598
Ion Ratio Lower Upper
64 100
66 33.2 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 20.675 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. -0.000 min
 Lab File: VX035613.D
 Acq: 11 May 2023 17:27

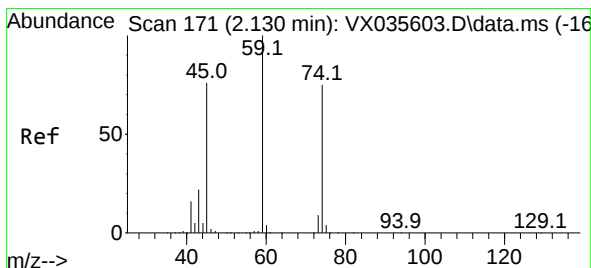
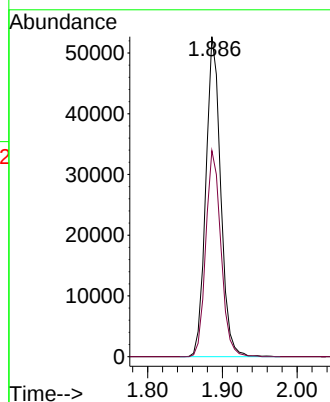
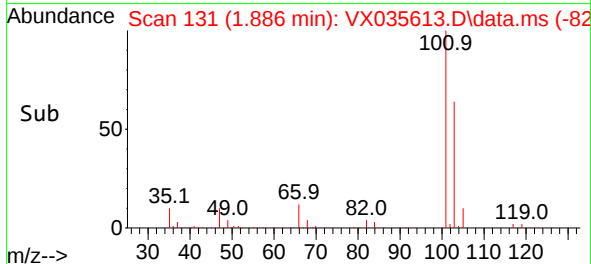
Instrument :
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 VX0511WBSD01



Tgt Ion:101 Resp: 72590
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.0 78.0

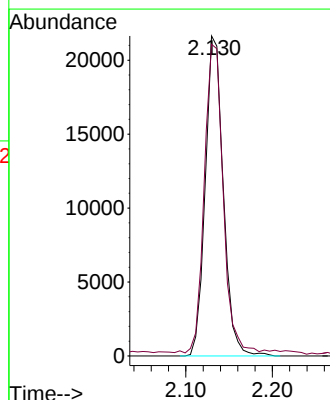
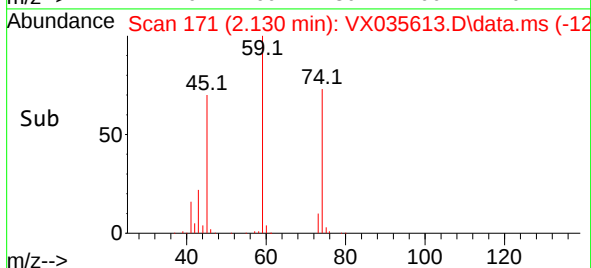
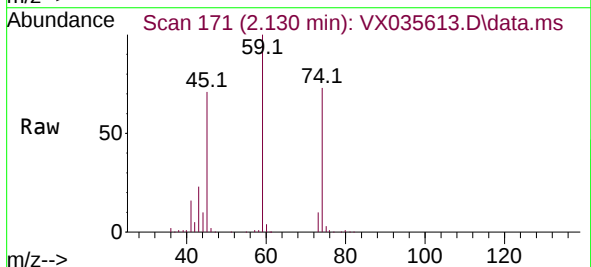
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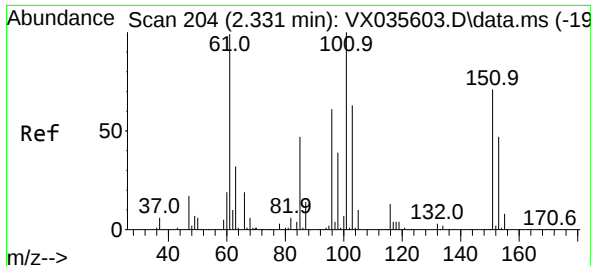
Reviewed By :John Carlone 05/12/2023
 Supervised By :Mahesh Dadoda 05/12/2023



#8
 Diethyl Ether
 Concen: 23.172 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
 Lab File: VX035613.D
 Acq: 11 May 2023 17:27

Tgt Ion: 74 Resp: 31325
 Ion Ratio Lower Upper
 74 100
 45 103.3 49.8 149.3





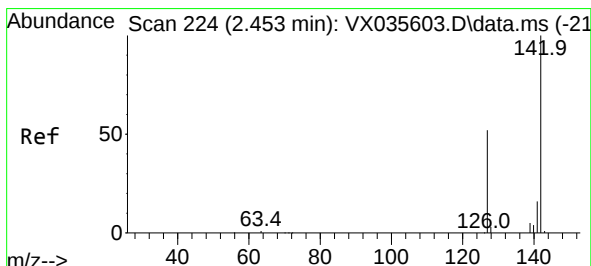
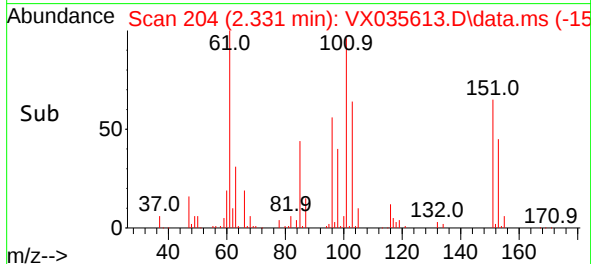
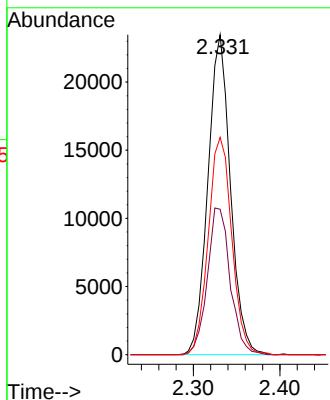
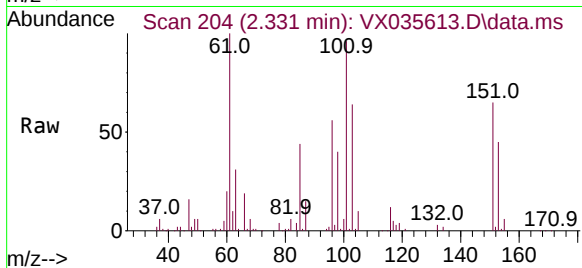
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.343 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01

Tgt Ion:101 Resp: 4240
Ion Ratio Lower Upper
101 100
85 46.5 35.4 53.2
151 70.9 60.2 90.4

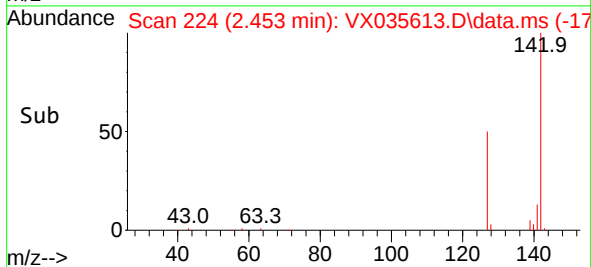
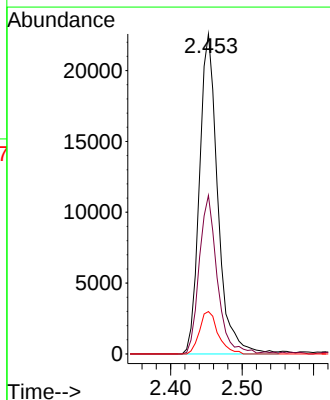
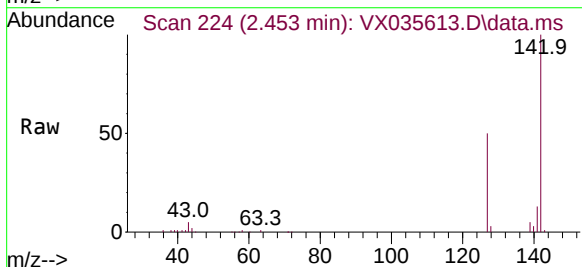
Manual Integrations
APPROVED

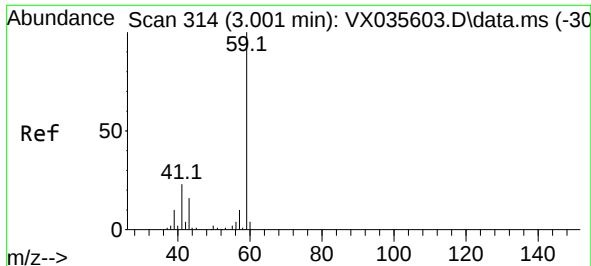
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/12/2023



#10
Methyl Iodide
Concen: 21.587 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

Tgt Ion:142 Resp: 40246
Ion Ratio Lower Upper
142 100
127 48.6 34.0 51.0
141 13.4 11.1 16.7





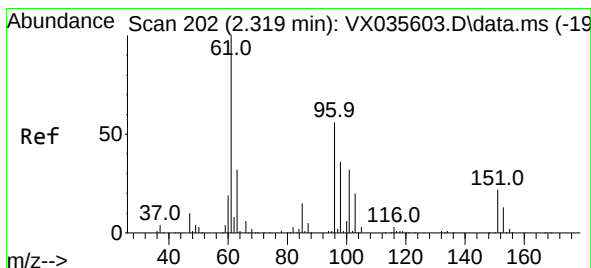
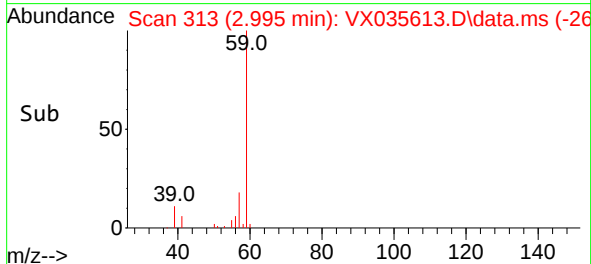
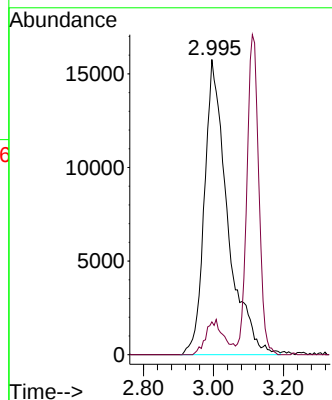
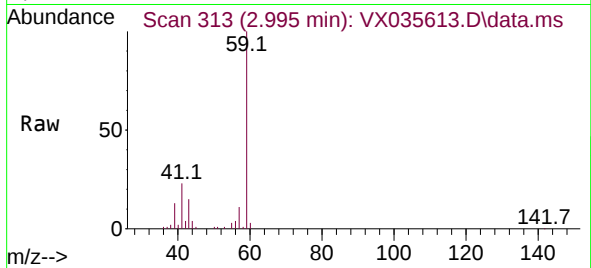
#11
Tert butyl alcohol
Concen: 131.827 ug/l
RT: 2.995 min Scan# 314
Delta R.T. -0.006 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01

Tgt Ion: 59 Resp: 72184
Ion Ratio Lower Upper
59 100
57 9.3 8.1 12.1

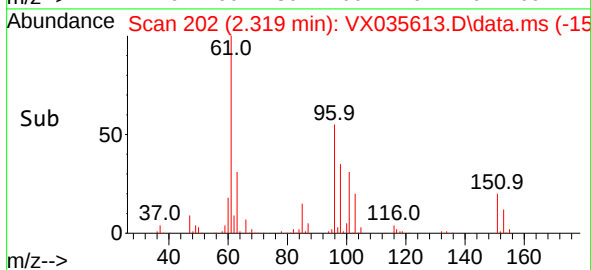
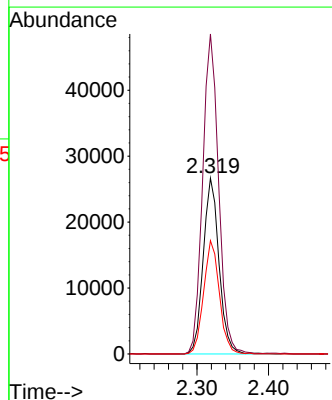
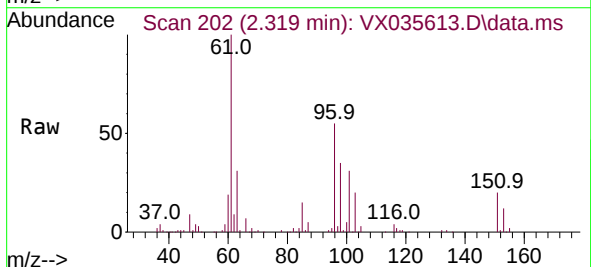
Manual Integrations
APPROVED

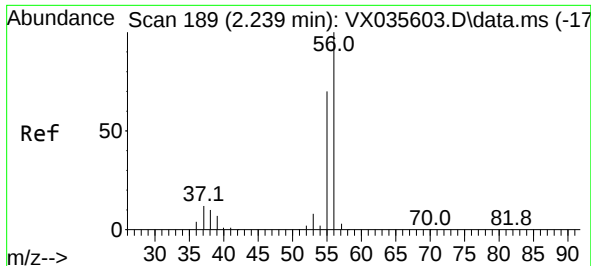
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/12/2023



#12
1,1-Dichloroethene
Concen: 20.669 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

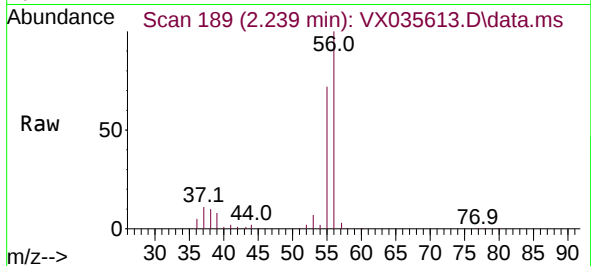
Tgt Ion: 96 Resp: 40950
Ion Ratio Lower Upper
96 100
61 182.0 128.8 193.2
98 64.5 51.4 77.0





#13
Acrolein
Concen: 102.120 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

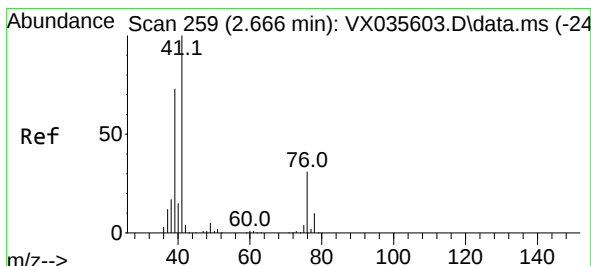
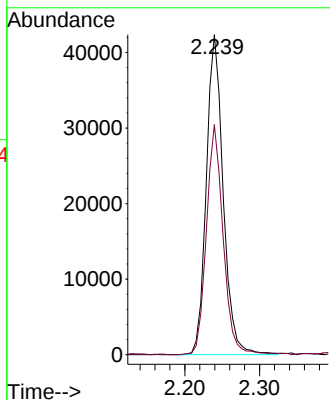
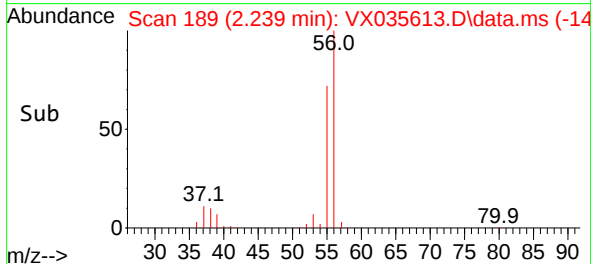
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01



Tgt Ion: 56 Resp: 6636
Ion Ratio Lower Upper
56 100
55 71.1 56.6 85.0

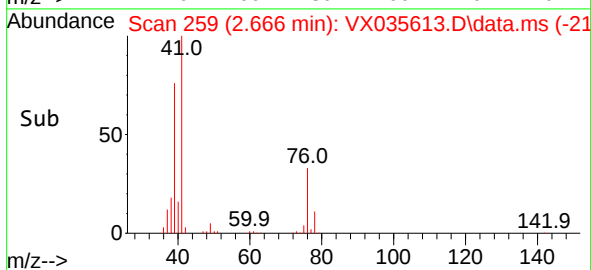
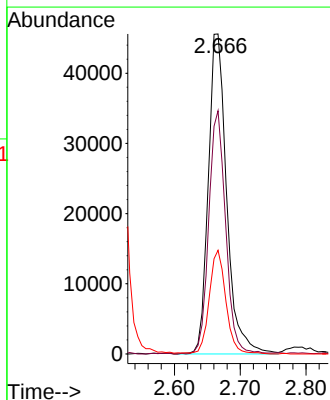
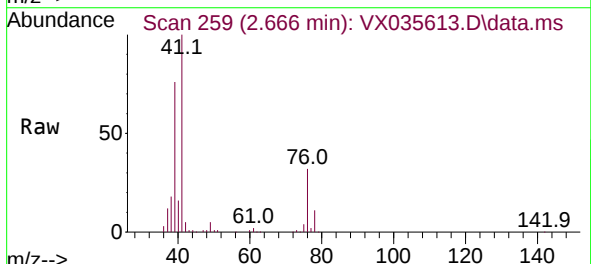
Manual Integrations
APPROVED

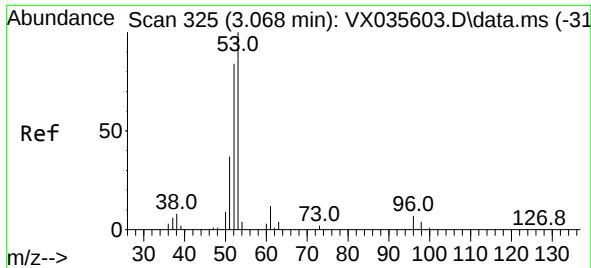
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/12/2023



#14
Allyl chloride
Concen: 20.987 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

Tgt Ion: 41 Resp: 89077
Ion Ratio Lower Upper
41 100
39 69.6 52.4 78.6
76 29.1 26.0 39.0





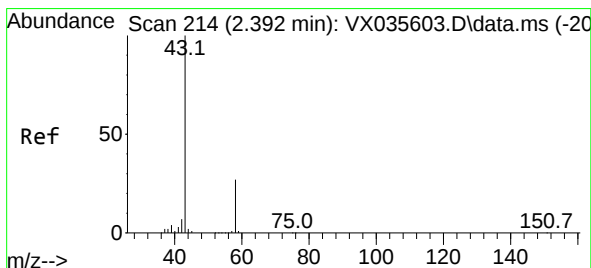
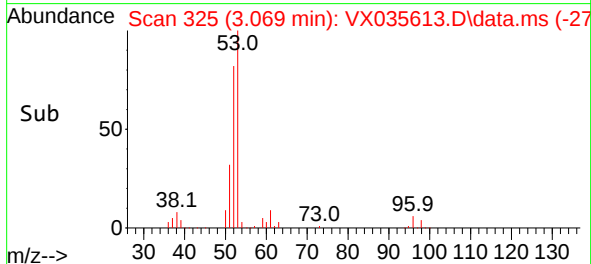
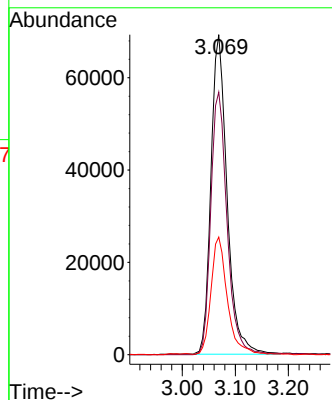
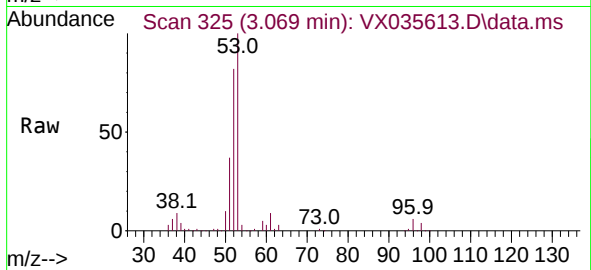
#15
Acrylonitrile
Concen: 121.457 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01

Tgt Ion: 53 Resp: 14644
Ion Ratio Lower Upper
53 100
52 82.8 66.2 99.2
51 37.7 28.3 42.5

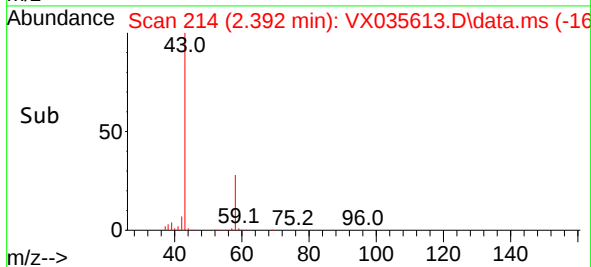
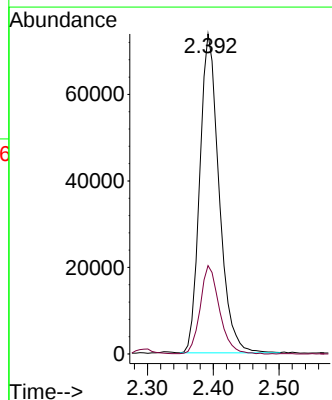
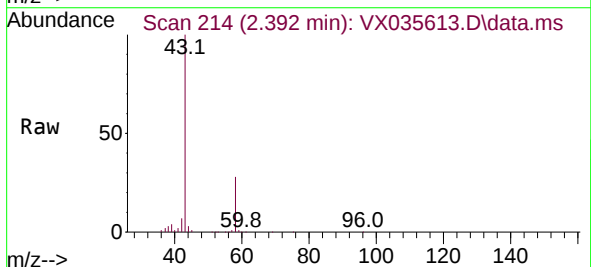
Manual Integrations
APPROVED

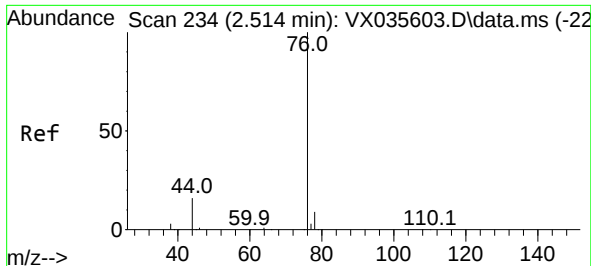
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/12/2023



#16
Acetone
Concen: 112.787 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

Tgt Ion: 43 Resp: 150450
Ion Ratio Lower Upper
43 100
58 27.6 24.7 37.1





#17

Carbon Disulfide

Concen: 19.735 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX035613.D

Acq: 11 May 2023 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

Tgt Ion: 76 Resp: 9436

Ion Ratio Lower Upper

76 100

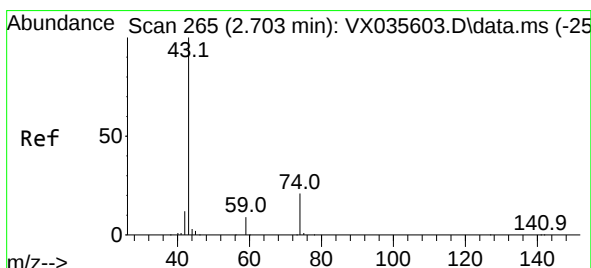
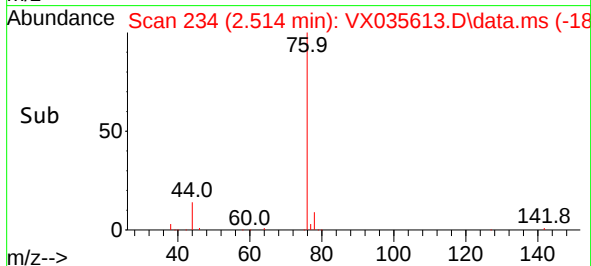
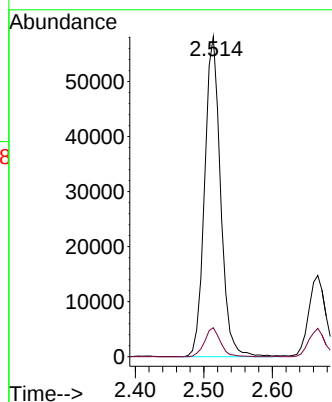
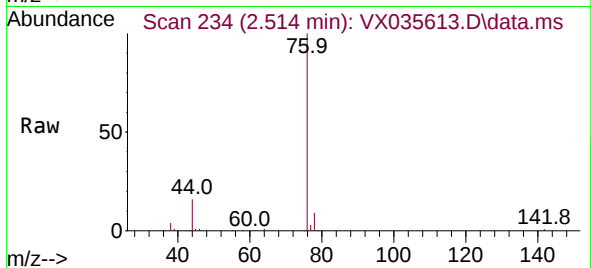
78 9.1 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/12/2023



#18

Methyl Acetate

Concen: 24.065 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX035613.D

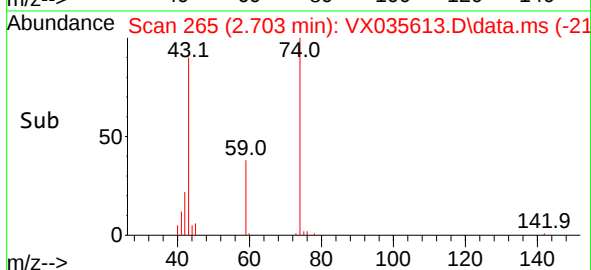
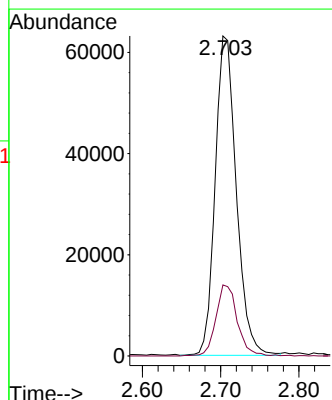
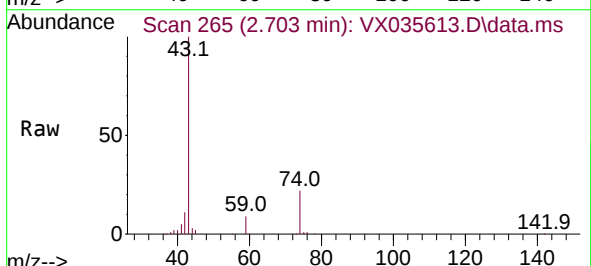
Acq: 11 May 2023 17:27

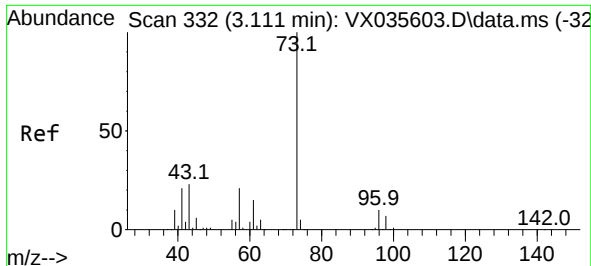
Tgt Ion: 43 Resp: 118391

Ion Ratio Lower Upper

43 100

74 22.4 18.3 27.5





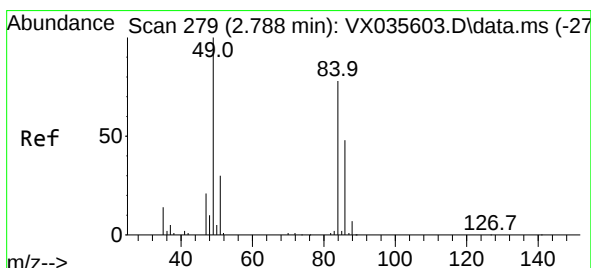
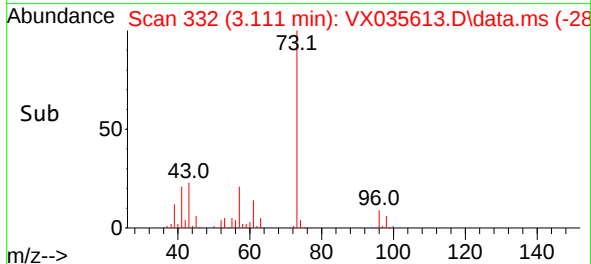
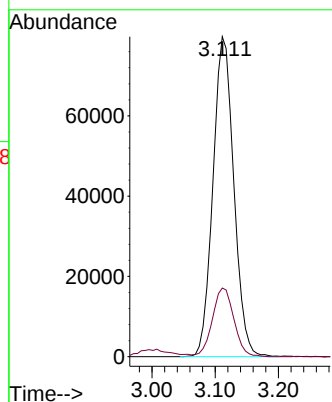
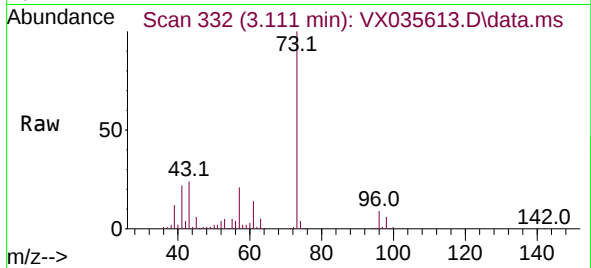
#19
Methyl tert-butyl Ether
Concen: 23.131 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01

Tgt Ion: 73 Resp: 18236
Ion Ratio Lower Upper
73 100
57 21.4 18.5 27.7

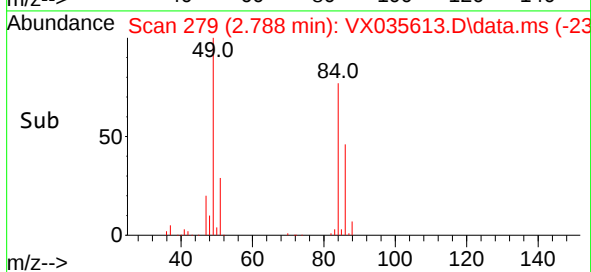
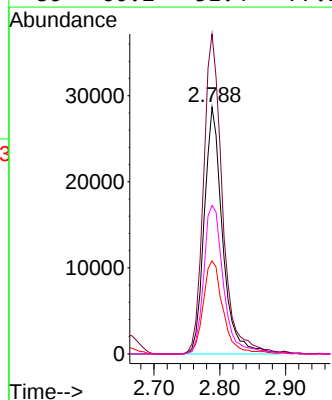
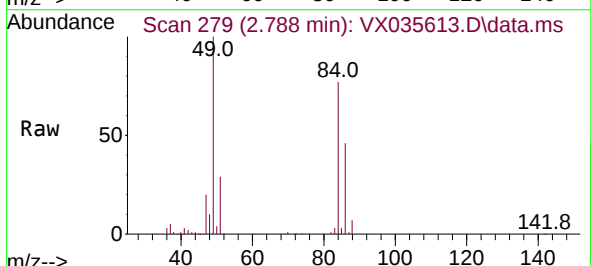
Manual Integrations
APPROVED

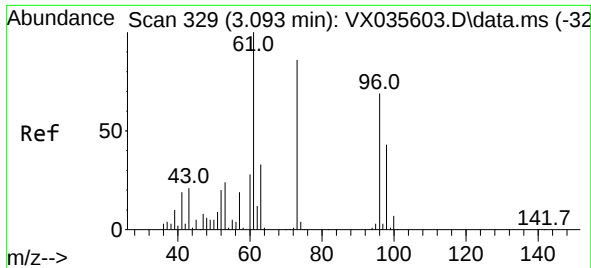
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/12/2023



#20
Methylene Chloride
Concen: 23.029 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

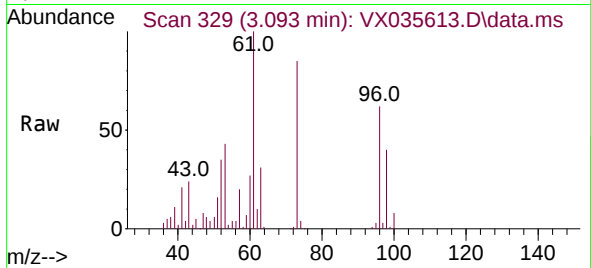
Tgt Ion: 84 Resp: 55675
Ion Ratio Lower Upper
84 100
49 129.7 103.8 155.8
51 37.7 31.8 47.8
86 60.2 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 21.104 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

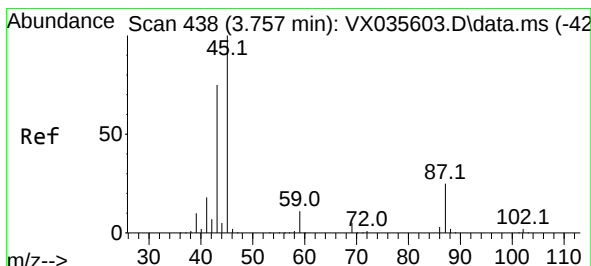
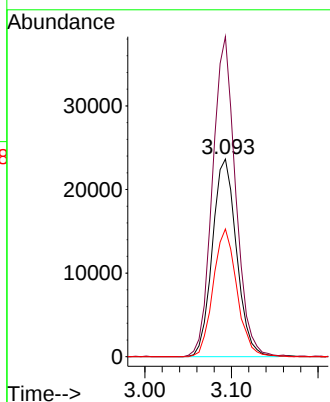
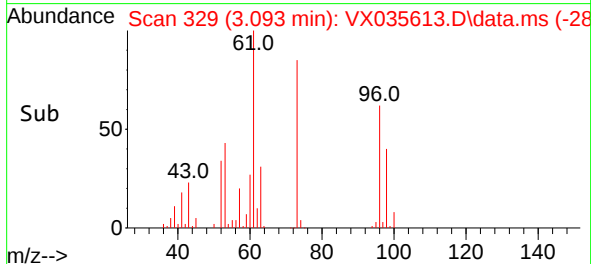
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01



Tgt Ion: 96 Resp: 45810
Ion Ratio Lower Upper
96 100
61 162.0 113.0 169.6
98 64.6 52.1 78.1

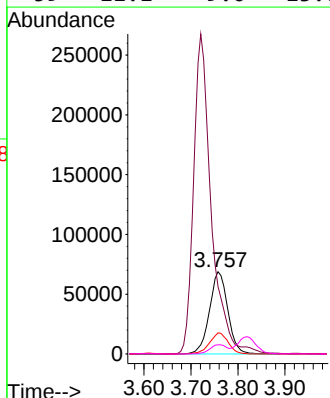
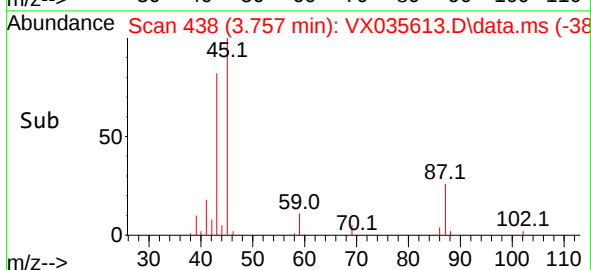
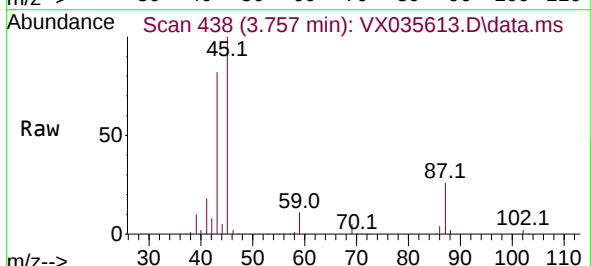
Manual Integrations
APPROVED

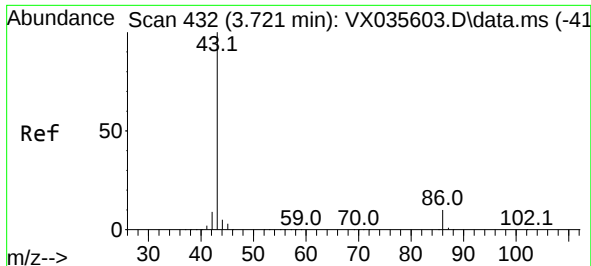
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/12/2023



#22
Diisopropyl ether
Concen: 22.389 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

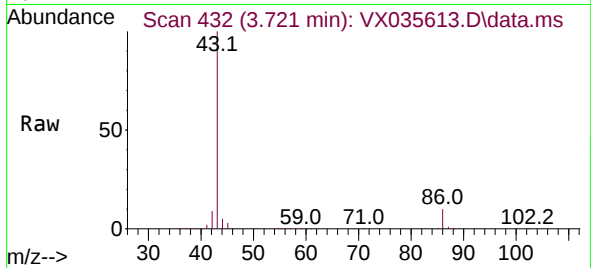
Tgt Ion: 45 Resp: 186064
Ion Ratio Lower Upper
45 100
43 81.1 65.4 98.2
87 25.7 20.6 31.0
59 11.1 9.0 13.6





#23
 Vinyl Acetate
 Concen: 119.631 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX035613.D
 Acq: 11 May 2023 17:27

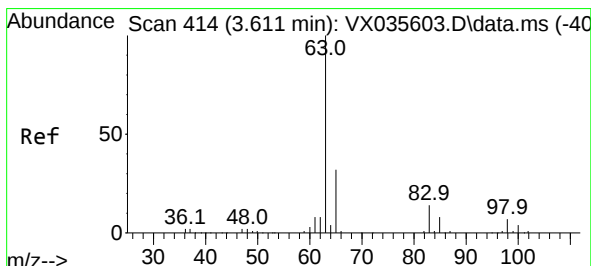
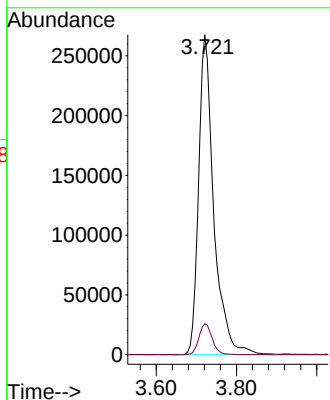
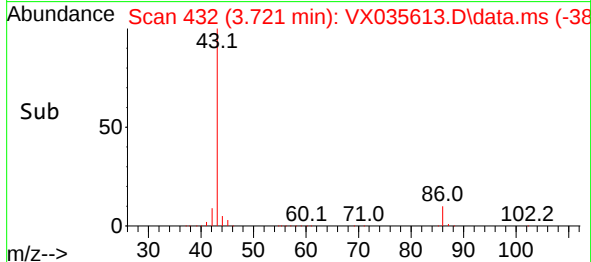
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBSD01



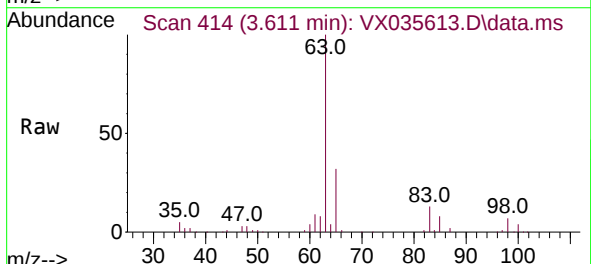
Tgt Ion: 43 Resp: 70344
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.5 12.7

Manual Integrations
 APPROVED

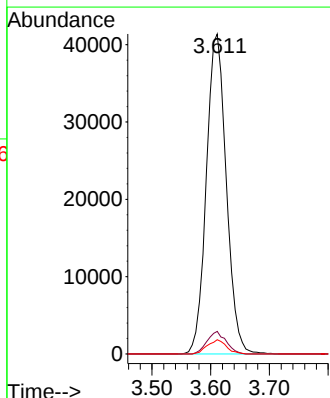
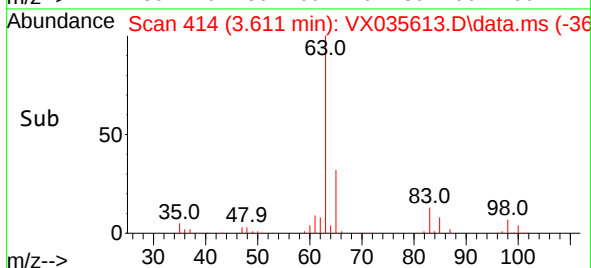
Reviewed By :John Carlone 05/12/2023
 Supervised By :Mahesh Dadoda 05/12/2023

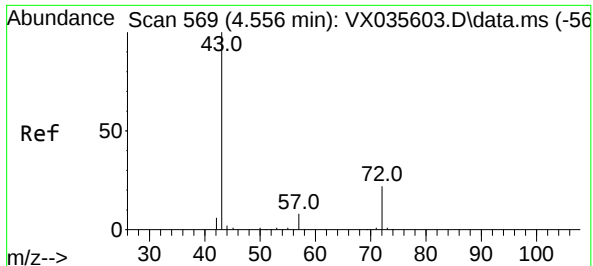


#24
 1,1-Dichloroethane
 Concen: 21.972 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX035613.D
 Acq: 11 May 2023 17:27



Tgt Ion: 63 Resp: 97654
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.2
 100 4.4 2.4 7.1





#25

2-Butanone

Concen: 120.306 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX035613.D

Acq: 11 May 2023 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

Tgt Ion: 43 Resp: 22215

Ion Ratio Lower Upper

43 100

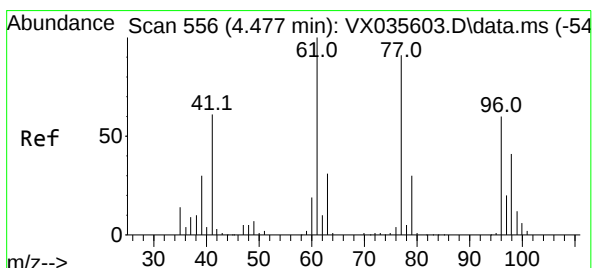
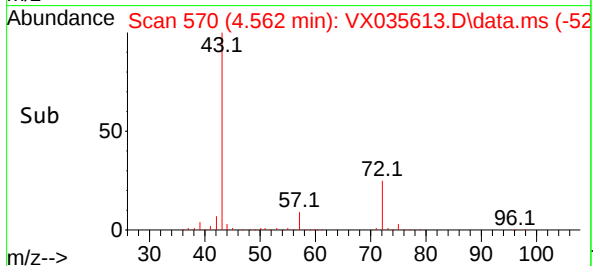
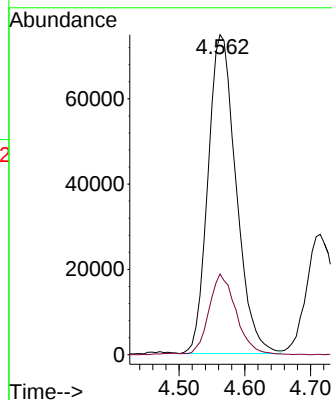
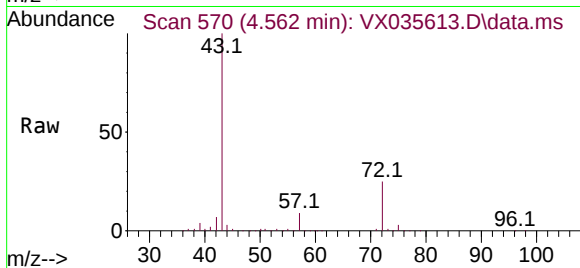
72 25.1 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/12/2023



#26

2,2-Dichloropropane

Concen: 19.721 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX035613.D

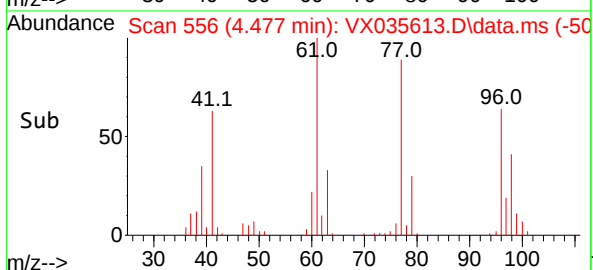
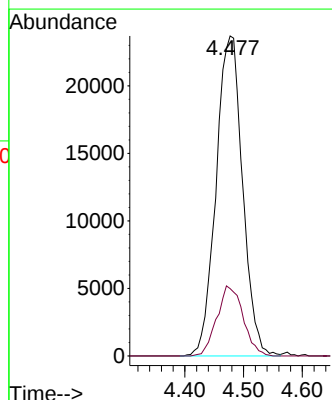
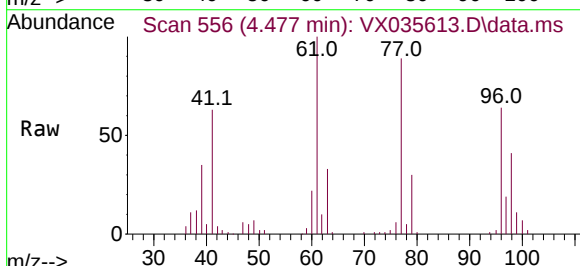
Acq: 11 May 2023 17:27

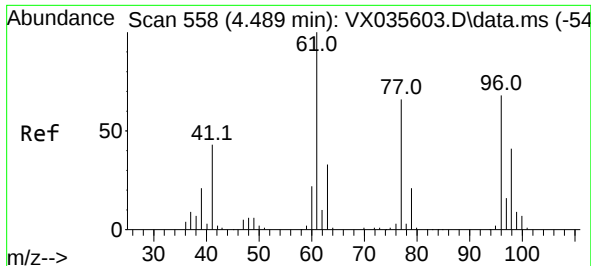
Tgt Ion: 77 Resp: 74224

Ion Ratio Lower Upper

77 100

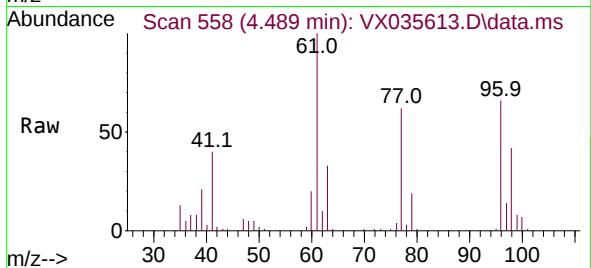
97 21.6 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 21.748 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX035613.D
 Acq: 11 May 2023 17:27

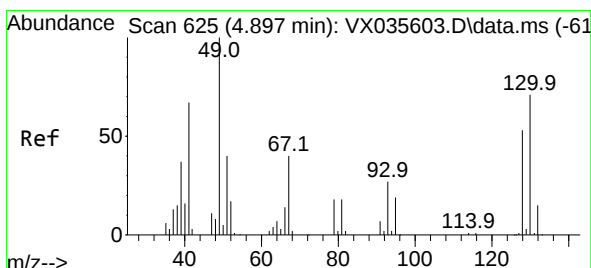
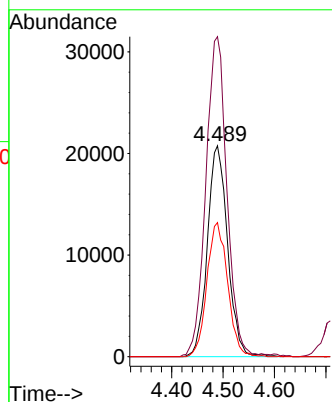
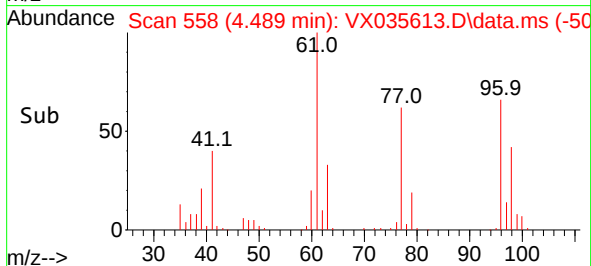
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBSD01



Tgt Ion: 96 Resp: 56750
 Ion Ratio Lower Upper
 96 100
 61 157.9 0.0 300.4
 98 65.1 0.0 129.0

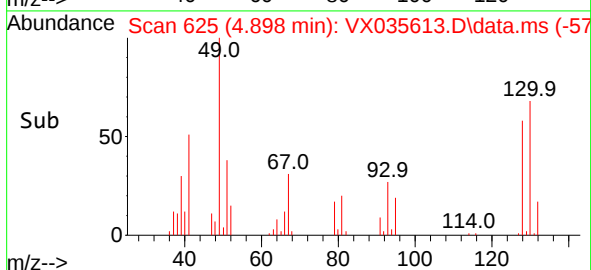
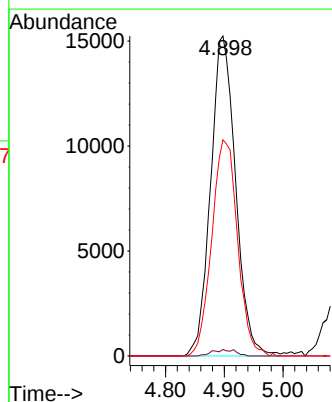
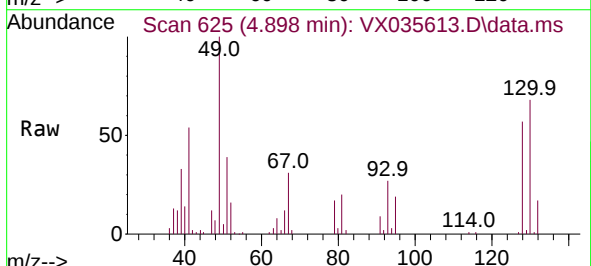
Manual Integrations
 APPROVED

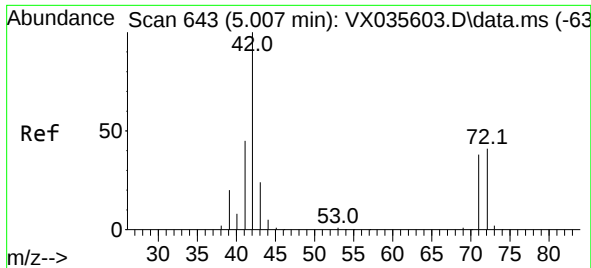
Reviewed By :John Carlone 05/12/2023
 Supervised By :Mahesh Dadoda 05/12/2023



#28
 Bromochloromethane
 Concen: 22.551 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. 0.001 min
 Lab File: VX035613.D
 Acq: 11 May 2023 17:27

Tgt Ion: 49 Resp: 45083
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 69.6 58.2 87.2





#29

Tetrahydrofuran

Concen: 122.126 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX035613.D

Acq: 11 May 2023 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

Tgt Ion: 42 Resp: 141744

Ion Ratio Lower Upper

42 100

72 41.9 34.5 51.7

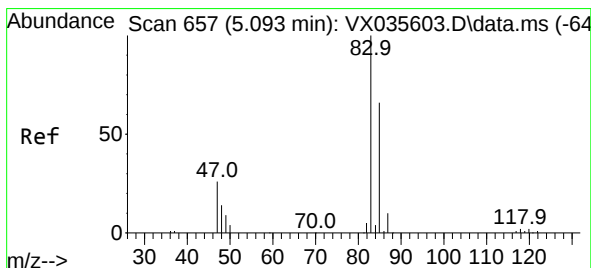
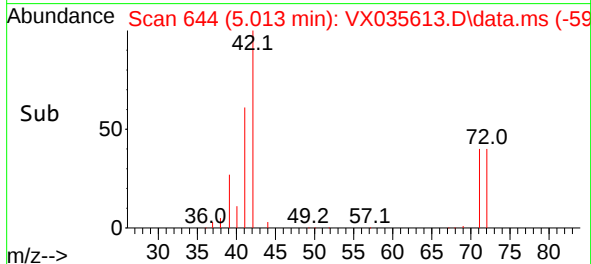
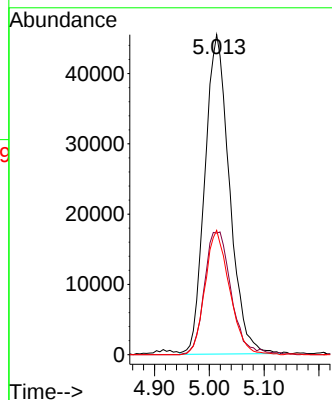
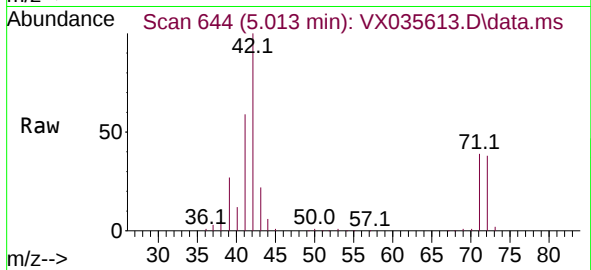
71 38.7 32.1 48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/12/2023



#30

Chloroform

Concen: 22.126 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX035613.D

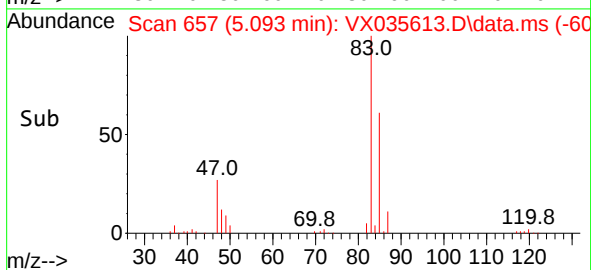
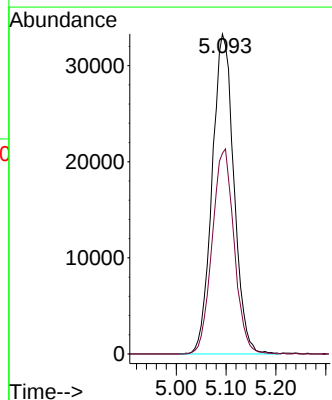
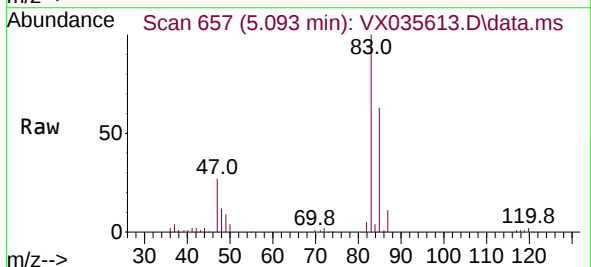
Acq: 11 May 2023 17:27

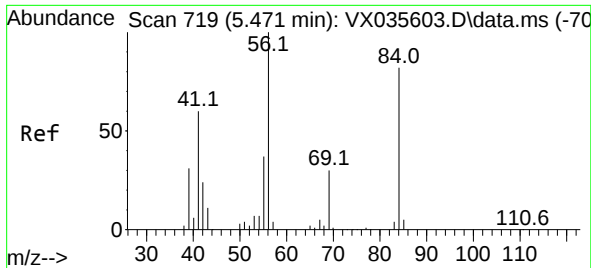
Tgt Ion: 83 Resp: 100770

Ion Ratio Lower Upper

83 100

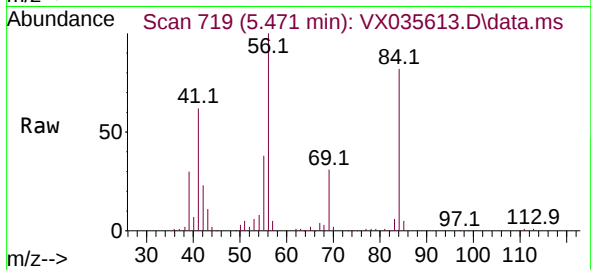
85 62.7 50.6 76.0





#31
Cyclohexane
Concen: 20.597 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

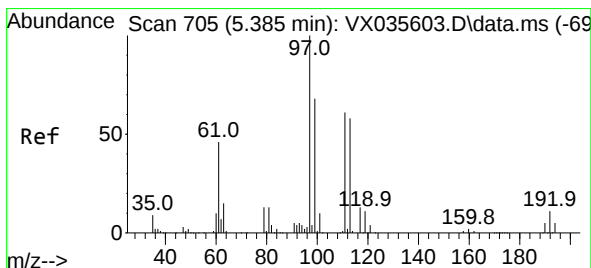
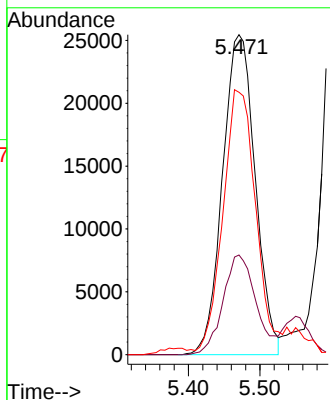
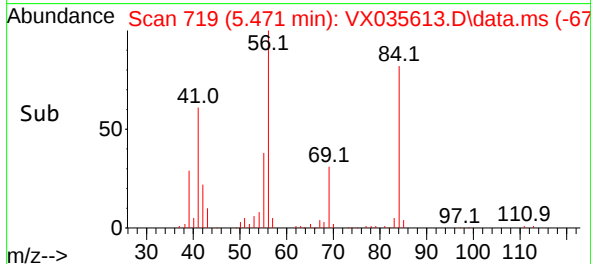
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01



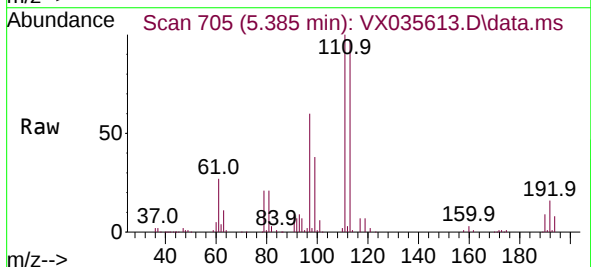
Tgt Ion: 56 Resp: 80764
Ion Ratio Lower Upper
56 100
69 31.2 23.7 35.5
84 80.0 68.5 102.7

Manual Integrations
APPROVED

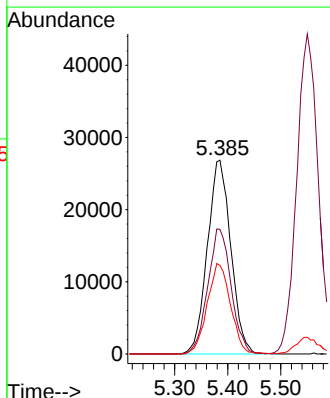
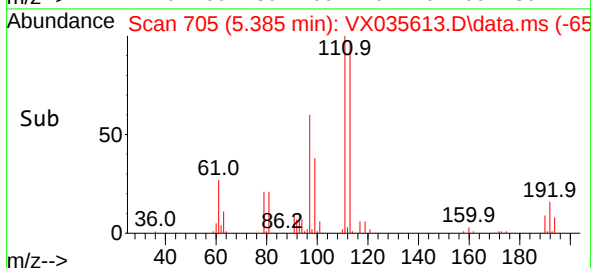
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/12/2023

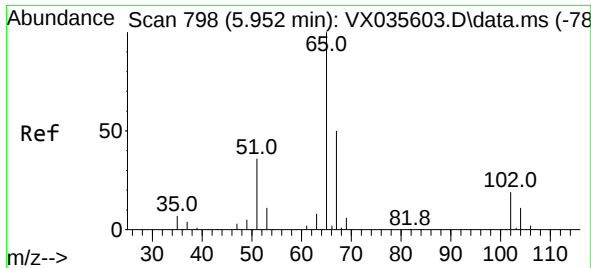


#32
1,1,1-Trichloroethane
Concen: 20.812 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27



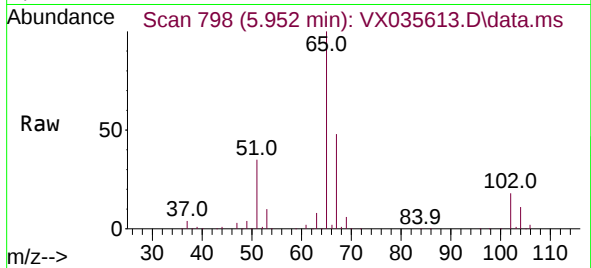
Tgt Ion: 97 Resp: 82471
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 46.2 36.5 54.7





#33
1,2-Dichloroethane-d4
Concen: 60.146 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

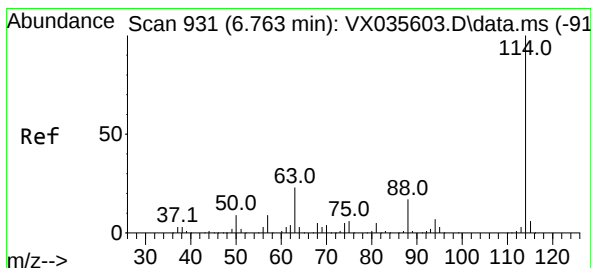
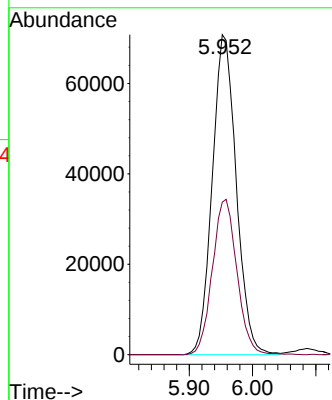
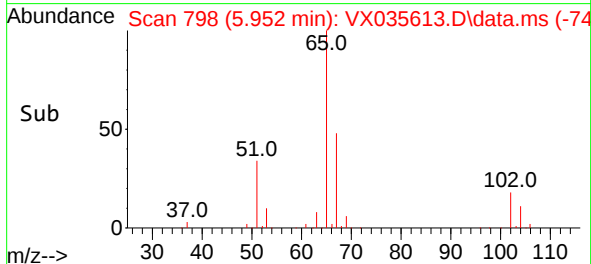
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01



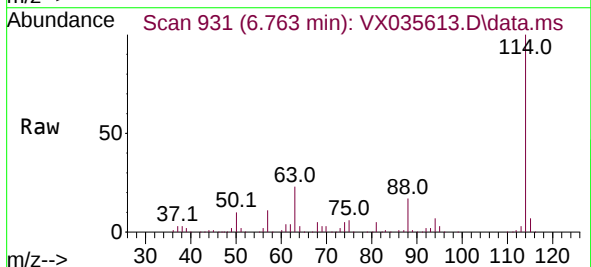
Tgt Ion: 65 Resp: 186672
Ion Ratio Lower Upper
65 100
67 49.5 0.0 104.0

Manual Integrations
APPROVED

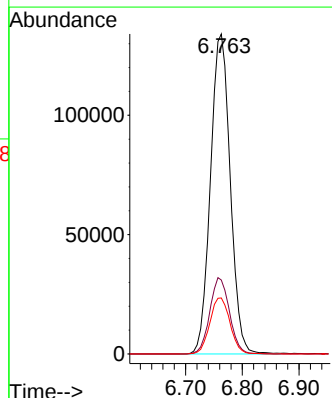
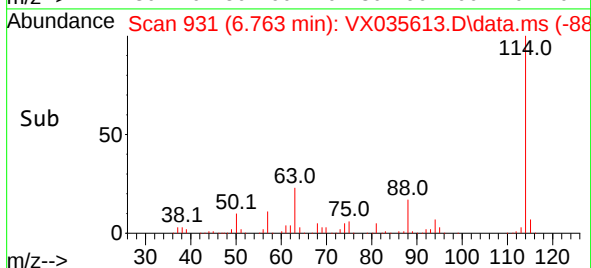
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/12/2023

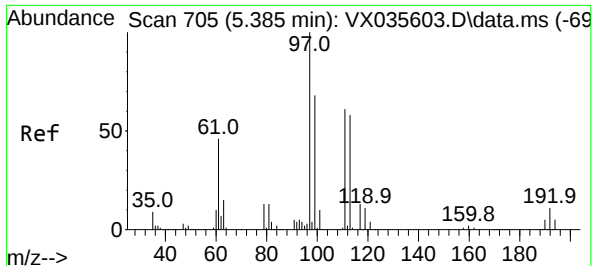


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27



Tgt Ion:114 Resp: 323920
Ion Ratio Lower Upper
114 100
63 23.1 0.0 42.2
88 17.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 57.262 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035613.D

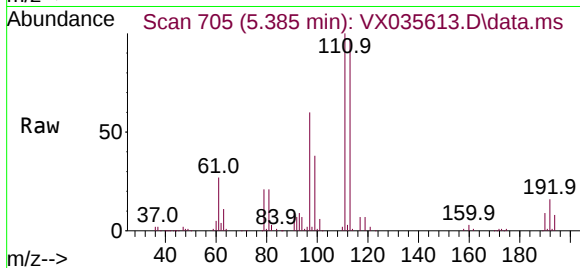
Acq: 11 May 2023 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01



Tgt Ion:113 Resp: 125090

Ion Ratio Lower Upper

113 100

111 103.5 83.7 125.5

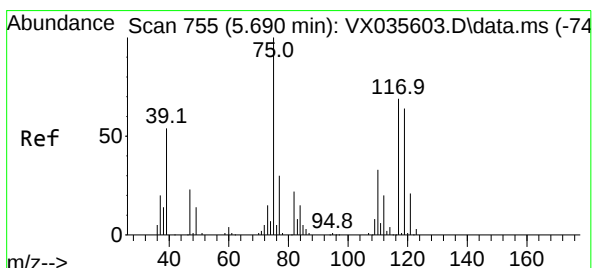
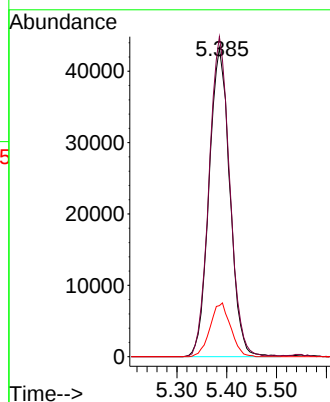
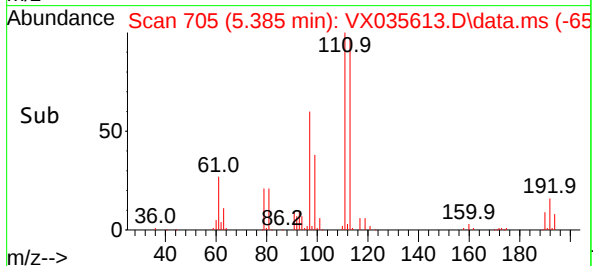
192 17.2 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/12/2023



#36

1,1-Dichloropropene

Concen: 20.136 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX035613.D

Acq: 11 May 2023 17:27

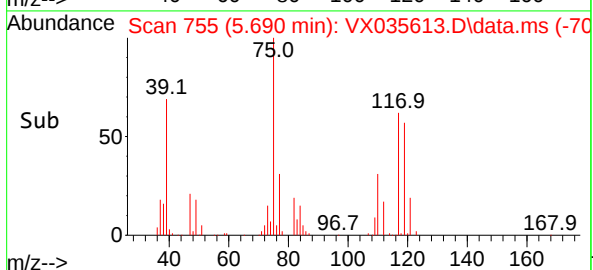
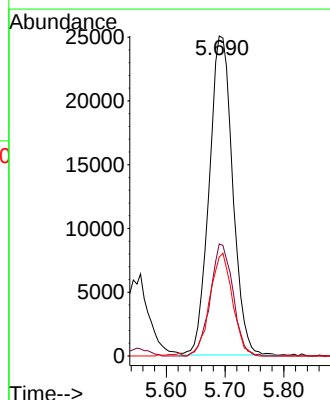
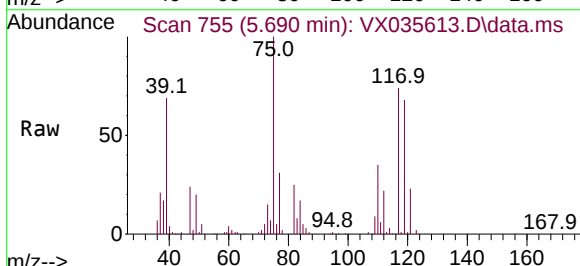
Tgt Ion: 75 Resp: 69433

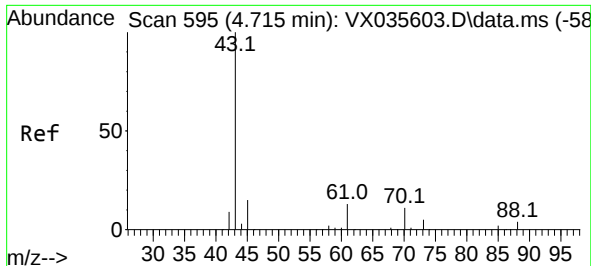
Ion Ratio Lower Upper

75 100

110 34.0 17.5 52.5

77 31.0 24.3 36.5





#37

Ethyl Acetate

Concen: 23.766 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX035613.D

Acq: 11 May 2023 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

Tgt Ion: 43 Resp: 85475

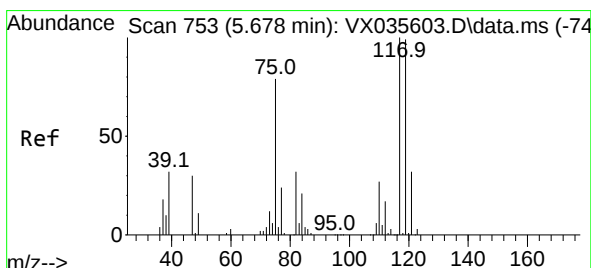
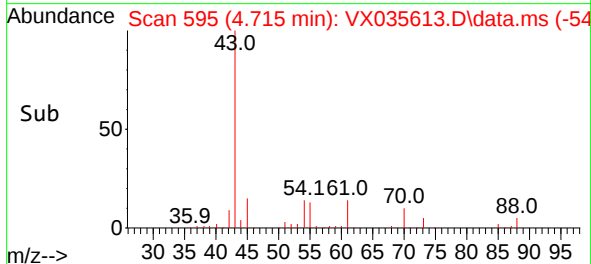
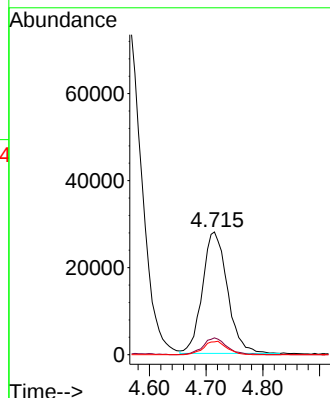
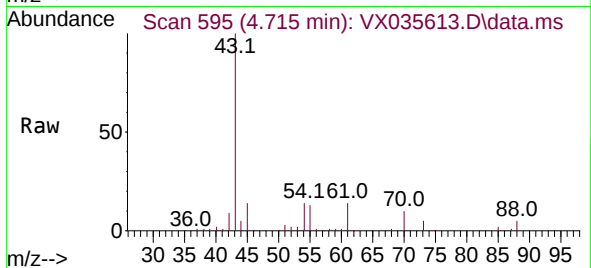
Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.2	15.4
70	10.1	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/12/2023



#38

Carbon Tetrachloride

Concen: 20.078 ug/l

RT: 5.678 min Scan# 753

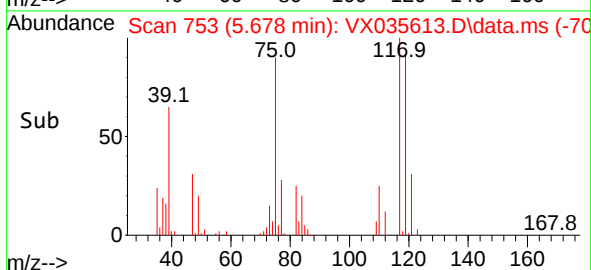
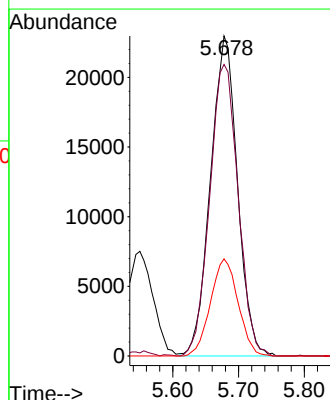
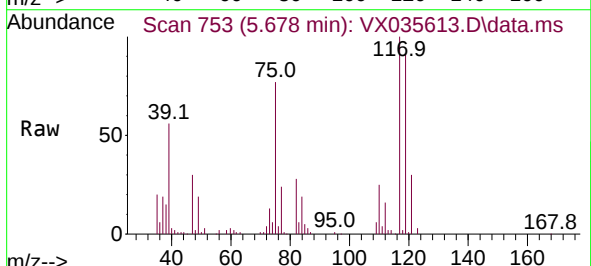
Delta R.T. -0.000 min

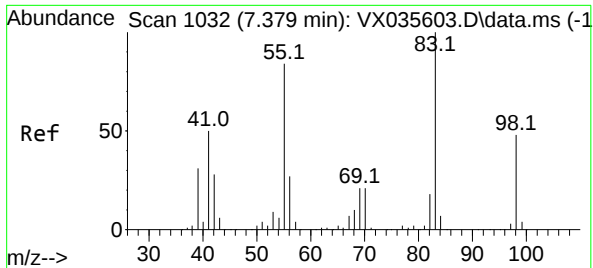
Lab File: VX035613.D

Acq: 11 May 2023 17:27

Tgt Ion:117 Resp: 65582

Ion	Ratio	Lower	Upper
117	100		
119	91.1	76.6	114.8
121	30.3	23.8	35.6





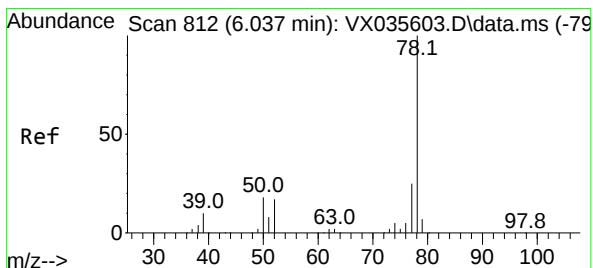
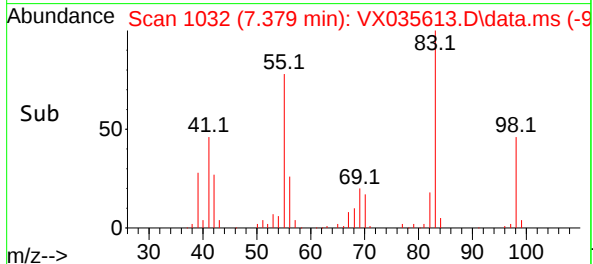
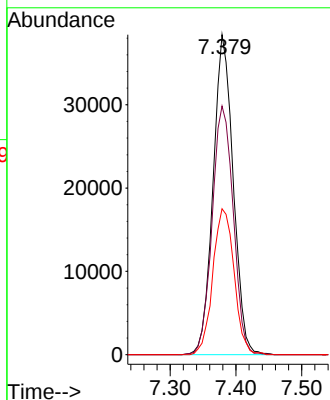
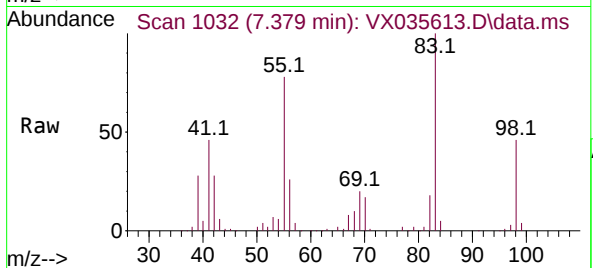
#39
Methylcyclohexane
Concen: 20.157 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01

Tgt Ion: 83 Resp: 81810
Ion Ratio Lower Upper
83 100
55 77.7 60.5 90.7
98 45.6 40.4 60.6

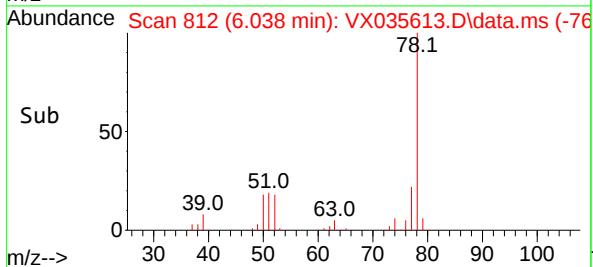
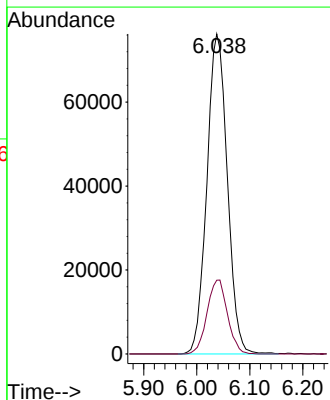
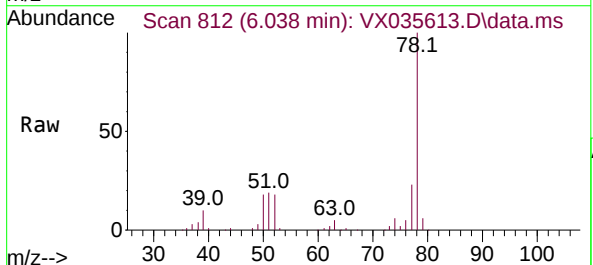
Manual Integrations
APPROVED

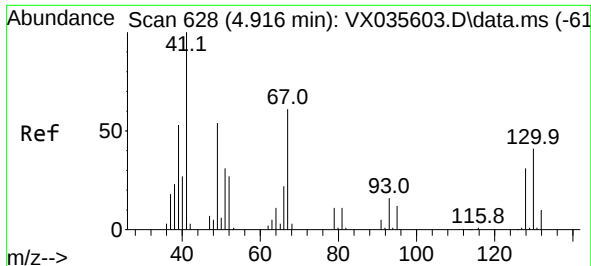
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/12/2023



#40
Benzene
Concen: 21.166 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

Tgt Ion: 78 Resp: 204171
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.4





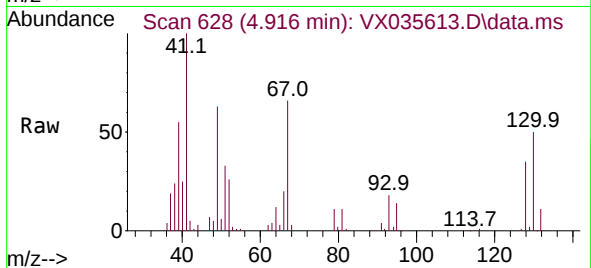
#41
Methacrylonitrile
Concen: 22.888 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01



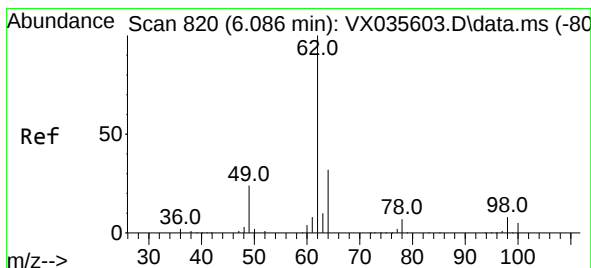
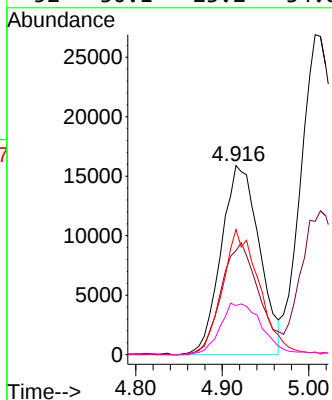
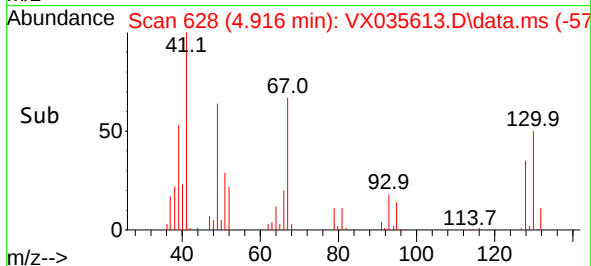
Tgt Ion: 41 Resp: 48870
Ion Ratio Lower Upper
41 100
39 59.5 45.0 67.6
67 64.1 55.6 83.4
52 30.1 23.2 34.8

Manual Integrations

APPROVED

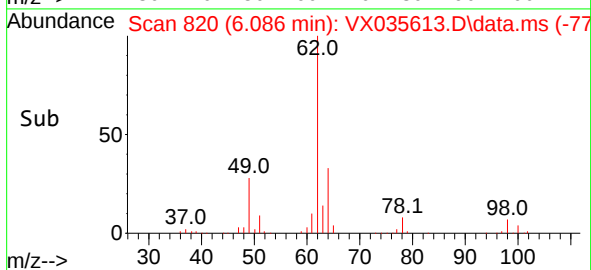
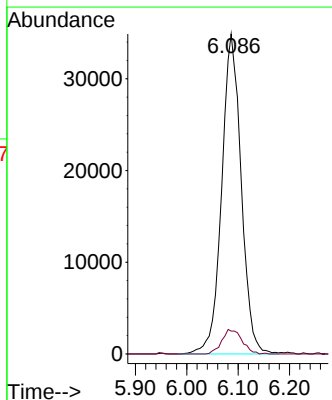
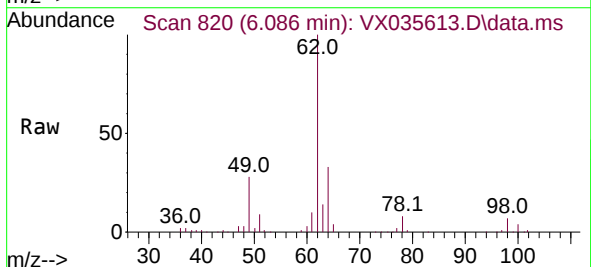
Reviewed By :John Carlone 05/12/2023

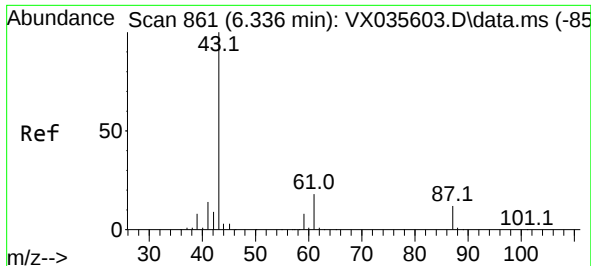
Supervised By :Mahesh Dadoda 05/12/2023



#42
1,2-Dichloroethane
Concen: 22.170 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

Tgt Ion: 62 Resp: 91993
Ion Ratio Lower Upper
62 100
98 7.8 0.0 18.0





#43

Isopropyl Acetate

Concen: 23.045 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX035613.D

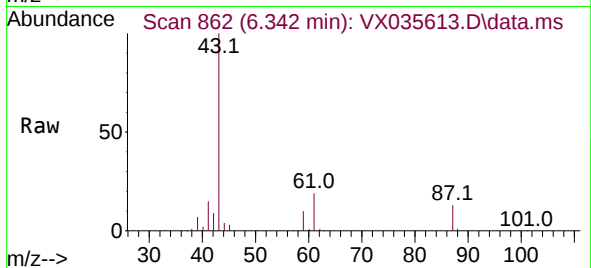
Acq: 11 May 2023 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01



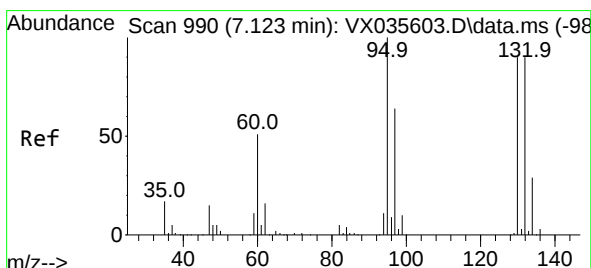
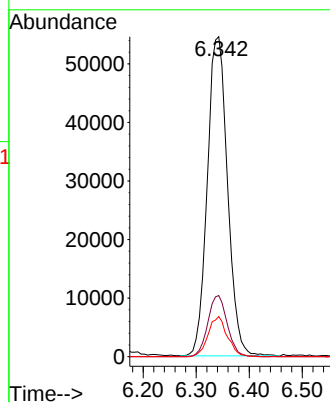
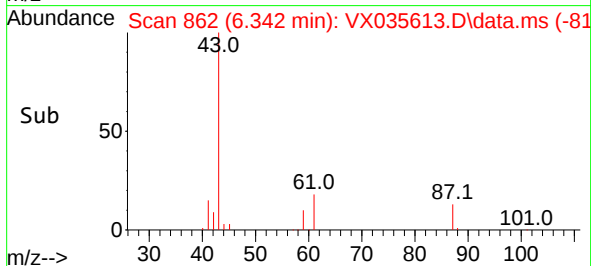
Tgt Ion: 43	Resp: 14452
Ion Ratio	Lower Upper
43	100
61	18.4 15.2 22.8
87	11.9 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/12/2023



#44

Trichloroethene

Concen: 20.071 ug/l

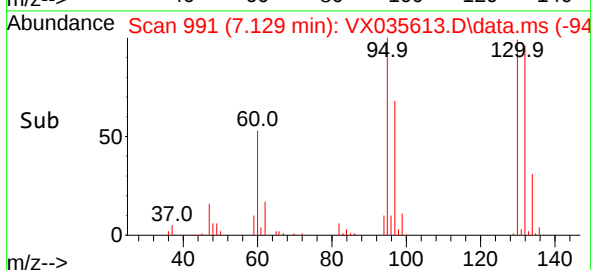
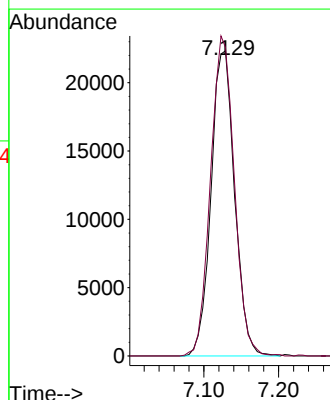
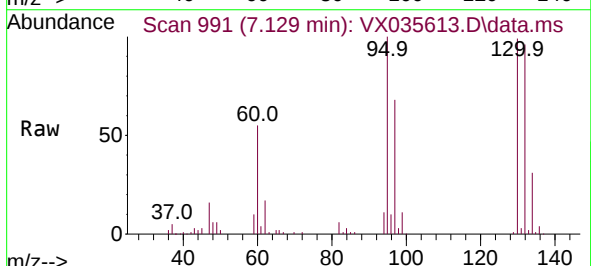
RT: 7.129 min Scan# 991

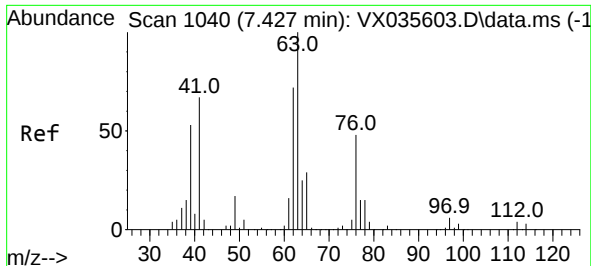
Delta R.T. 0.006 min

Lab File: VX035613.D

Acq: 11 May 2023 17:27

Tgt Ion:130	Resp: 49093
Ion Ratio	Lower Upper
130	100
95	101.1 0.0 198.4





#45

1,2-Dichloropropane

Concen: 21.460 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VX035613.D

Acq: 11 May 2023 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

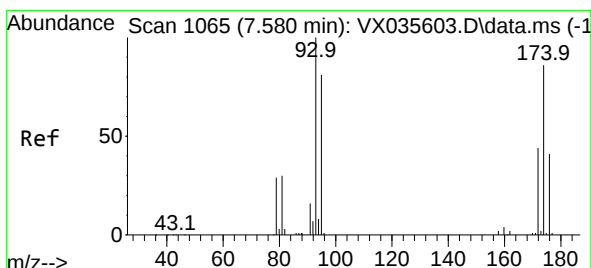
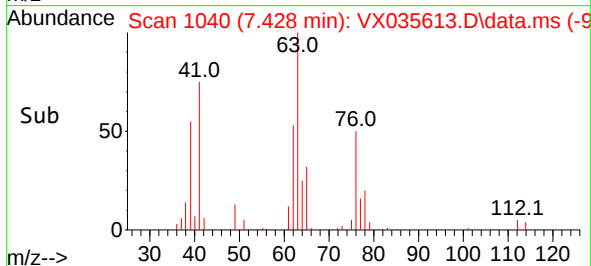
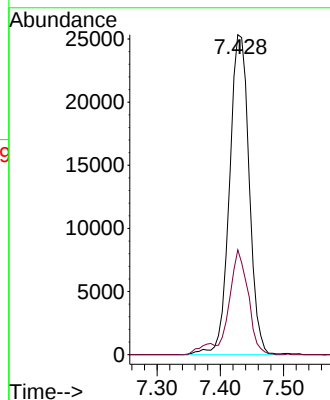
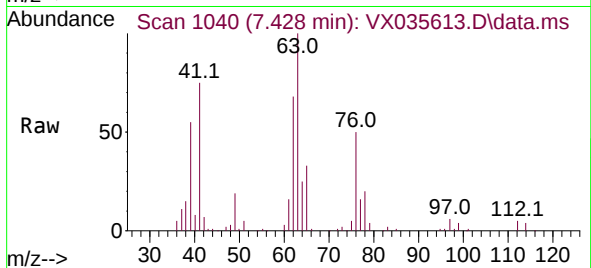
Tgt Ion: 63 Resp: 5482
 Ion Ratio Lower Upper
 63 100
 65 32.7 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/12/2023



#46

Dibromomethane

Concen: 21.827 ug/l

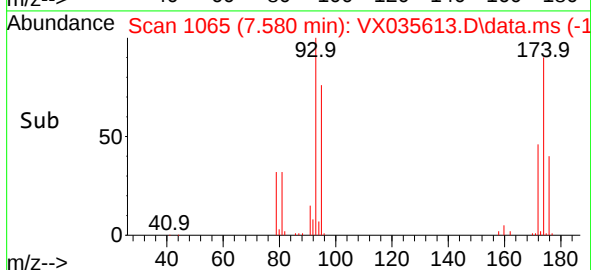
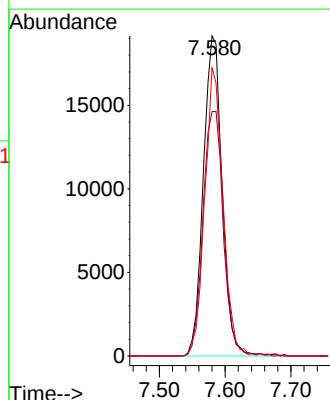
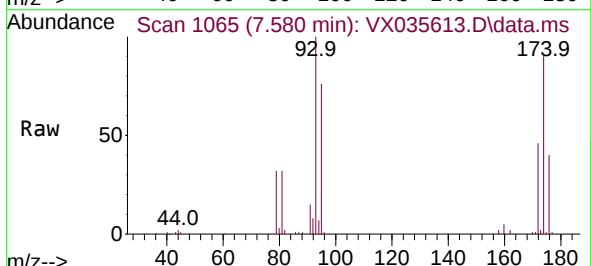
RT: 7.580 min Scan# 1065

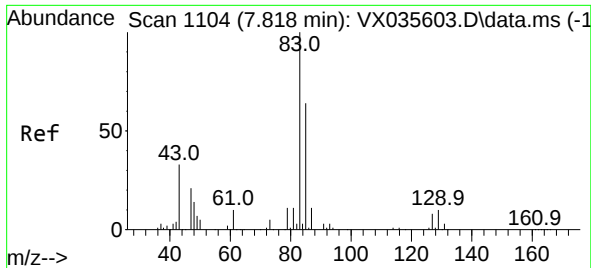
Delta R.T. -0.000 min

Lab File: VX035613.D

Acq: 11 May 2023 17:27

Tgt Ion: 93 Resp: 38170
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.9 100.3
 174 87.4 75.4 113.0





#47
Bromodichloromethane
Concen: 21.380 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

Instrument :

MSVOA_X

ClientSampleId :

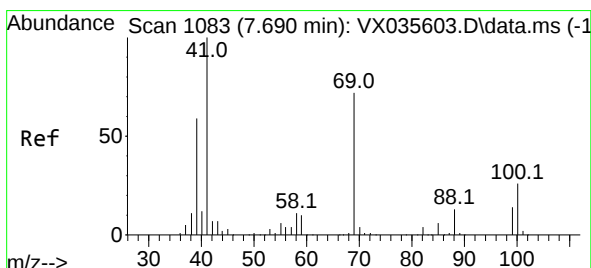
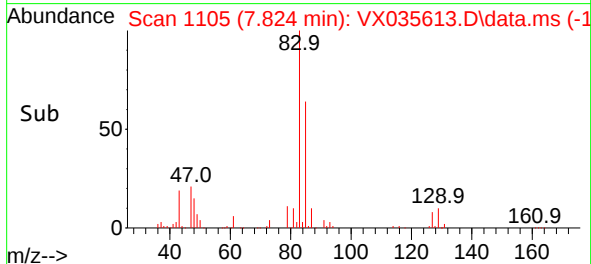
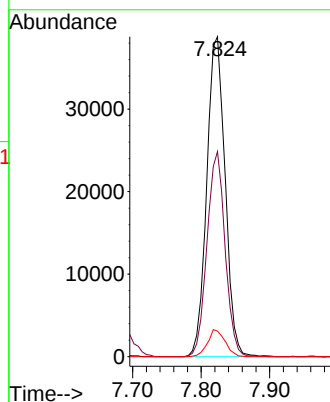
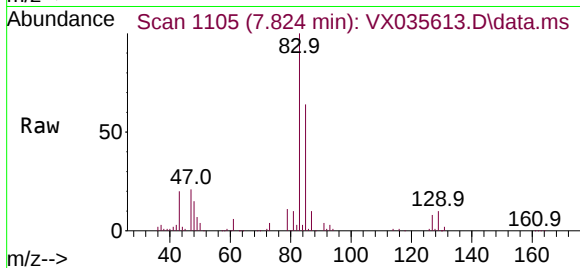
VX0511WBSD01

Tgt Ion: 83 Resp: 7226
Ion Ratio Lower Upper
83 100
85 64.1 52.2 78.4
127 8.0 6.6 9.8

Manual Integrations

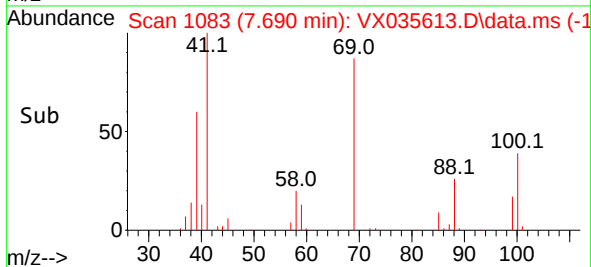
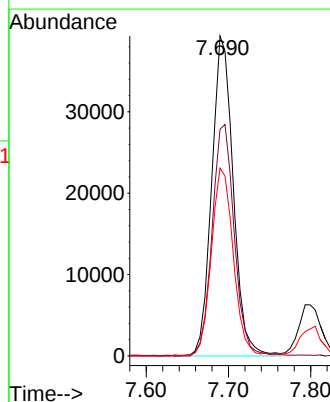
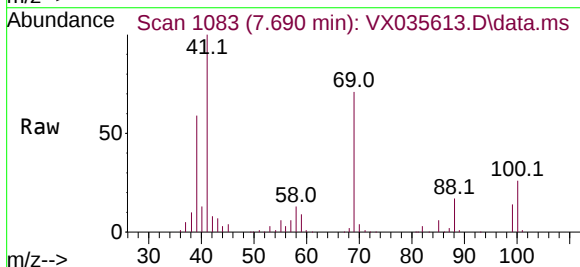
APPROVED

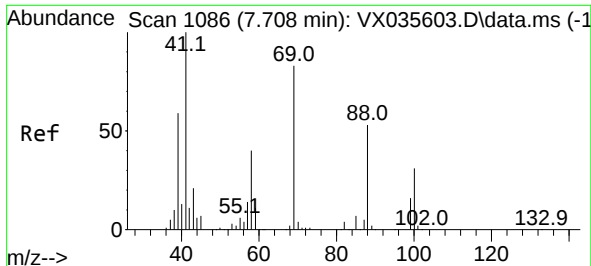
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/12/2023



#48
Methyl methacrylate
Concen: 23.110 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

Tgt Ion: 41 Resp: 71527
Ion Ratio Lower Upper
41 100
69 74.3 62.2 93.4
39 60.1 47.7 71.5





#49

1,4-Dioxane

Concen: 464.785 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. -0.006 min

Lab File: VX035613.D

Acq: 11 May 2023 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

Tgt Ion: 88 Resp: 3052

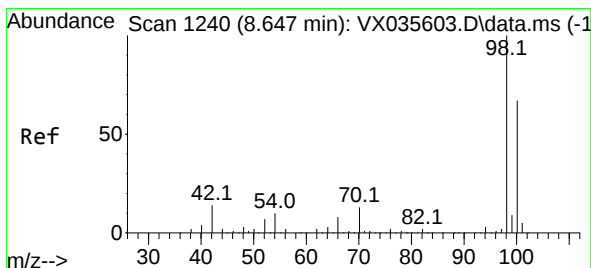
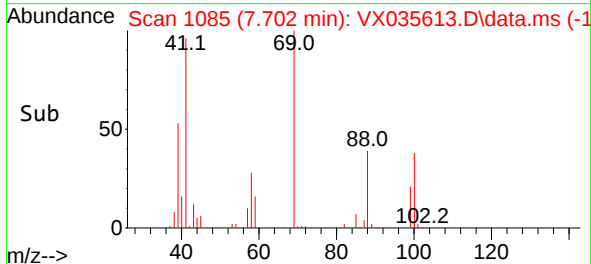
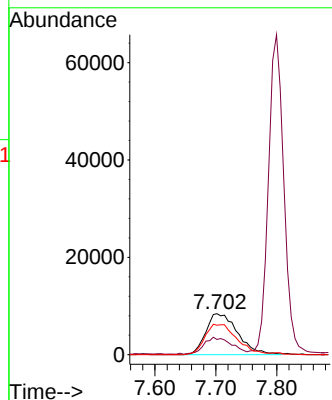
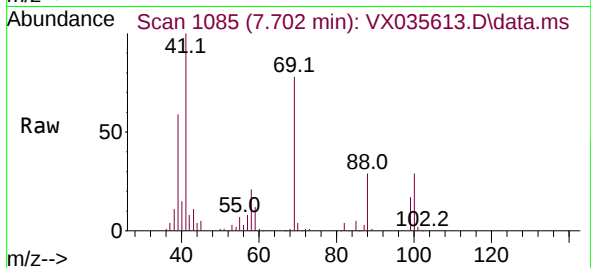
Ion	Ratio	Lower	Upper
88	100		
43	35.2	27.7	41.5
58	74.4	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/12/2023



#50

Toluene-d8

Concen: 55.225 ug/l

RT: 8.647 min Scan# 1240

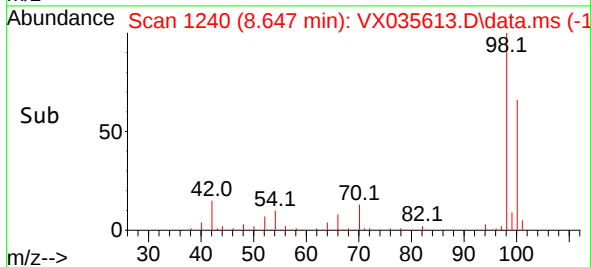
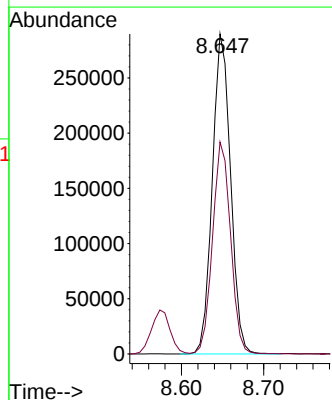
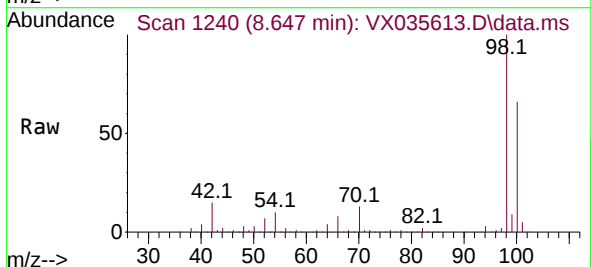
Delta R.T. -0.000 min

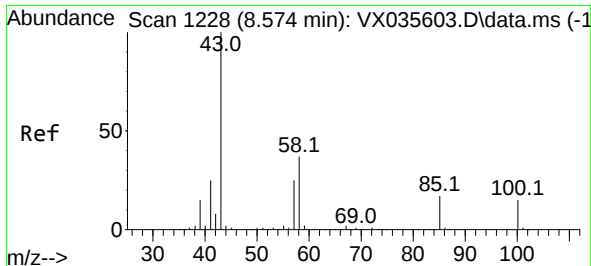
Lab File: VX035613.D

Acq: 11 May 2023 17:27

Tgt Ion: 98 Resp: 445672

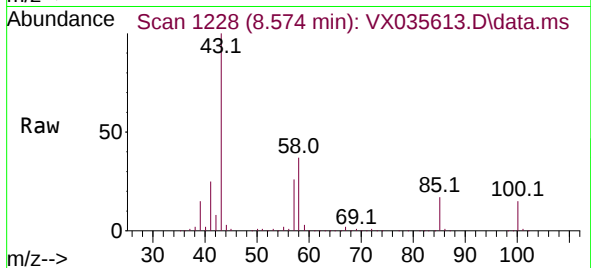
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 119.952 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

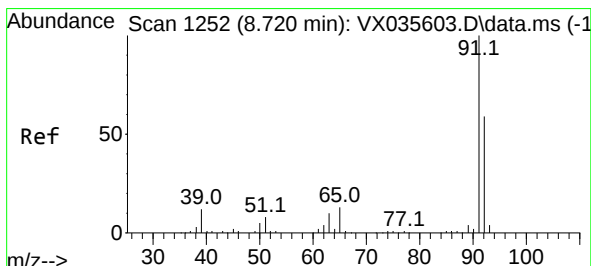
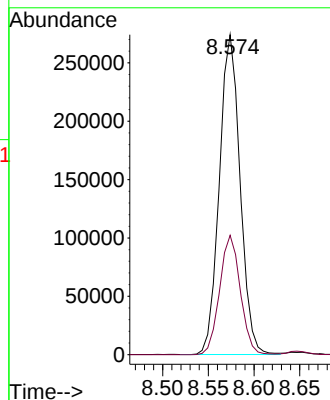
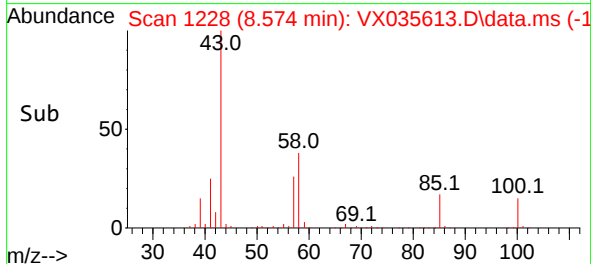
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01



Tgt Ion: 43 Resp: 433398
Ion Ratio Lower Upper
43 100
58 37.1 30.6 46.0

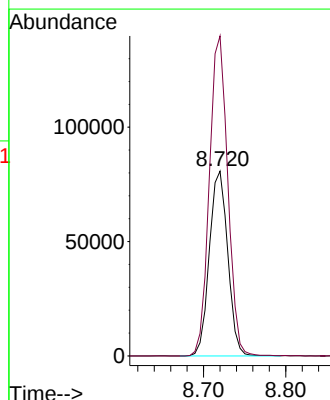
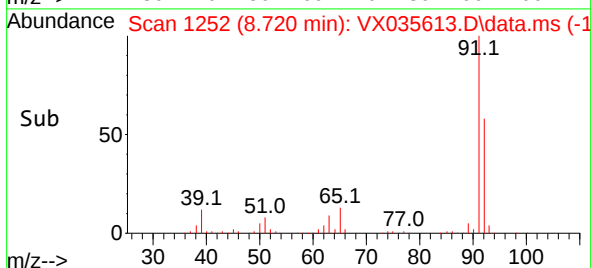
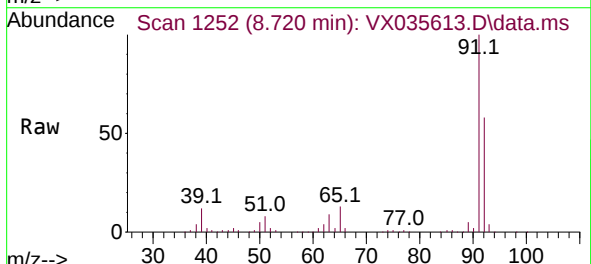
Manual Integrations
APPROVED

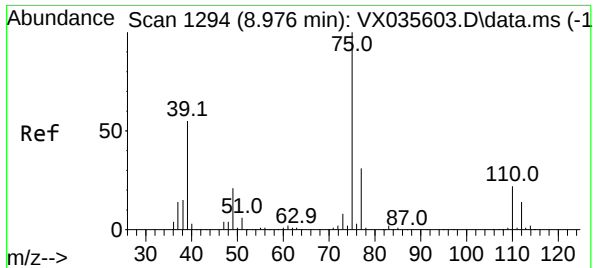
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/12/2023



#52
Toluene
Concen: 20.635 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

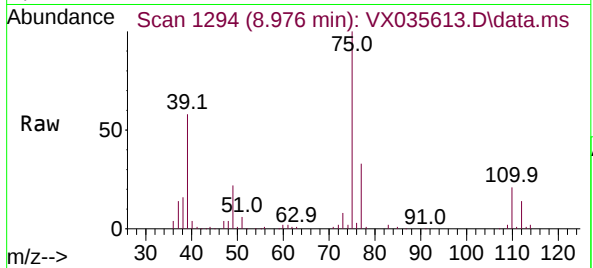
Tgt Ion: 92 Resp: 125650
Ion Ratio Lower Upper
92 100
91 173.2 136.8 205.2





#53
t-1,3-Dichloropropene
Concen: 21.346 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

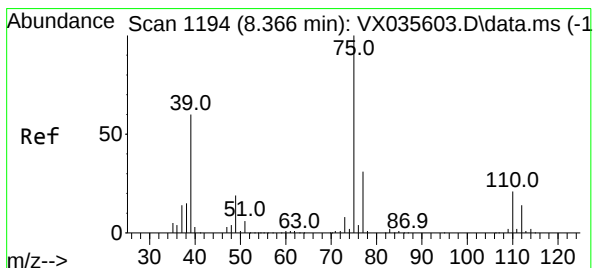
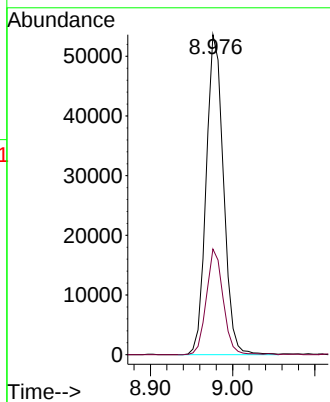
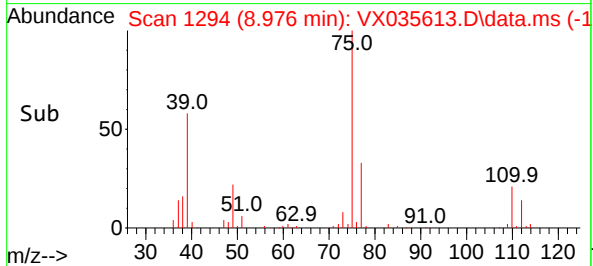
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01



Tgt Ion: 75 Resp: 7838
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.2

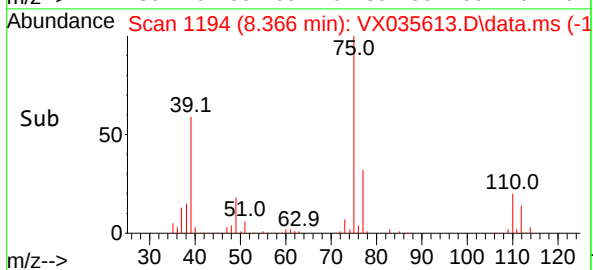
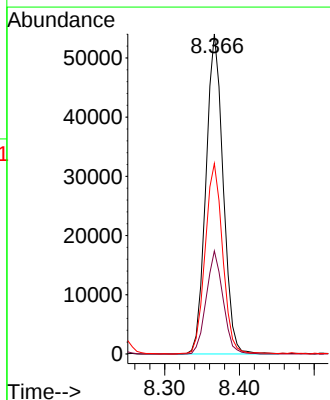
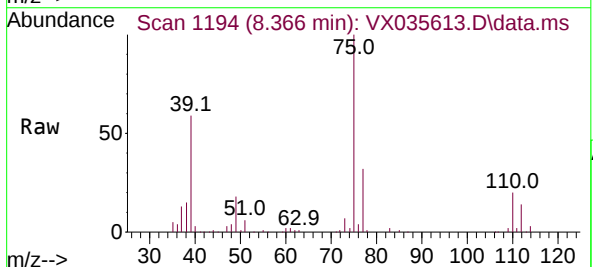
Manual Integrations
APPROVED

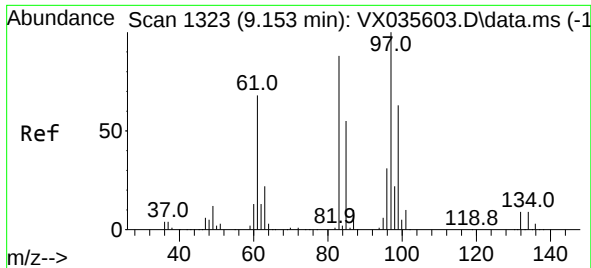
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/12/2023



#54
cis-1,3-Dichloropropene
Concen: 21.942 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

Tgt Ion: 75 Resp: 86333
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.4
39 59.4 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 22.214 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

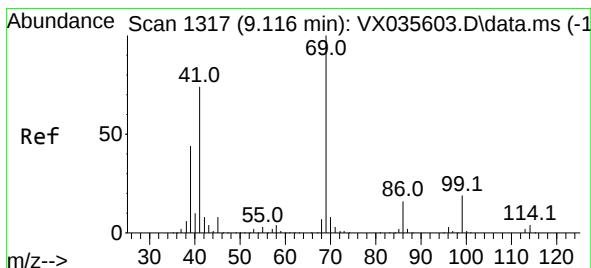
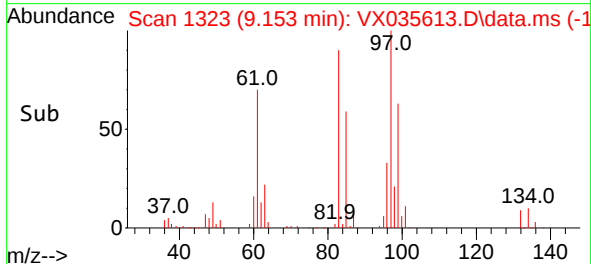
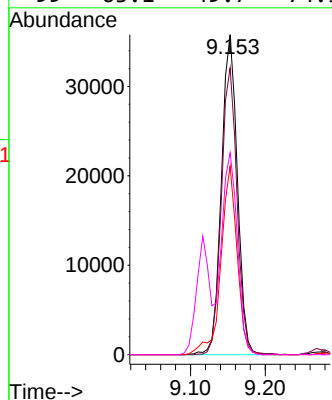
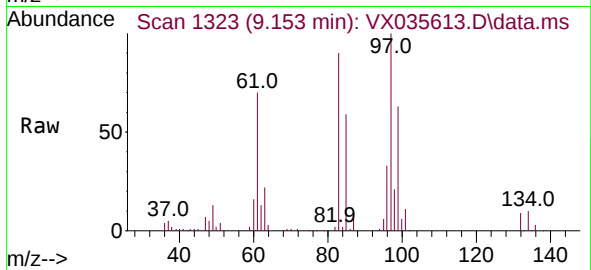
Tgt Ion: 97	Resp: 5312
Ion Ratio	Lower Upper
97 100	
83 89.7	69.7 104.5
85 58.9	43.7 65.5
99 63.1	49.7 74.5

Manual Integrations

APPROVED

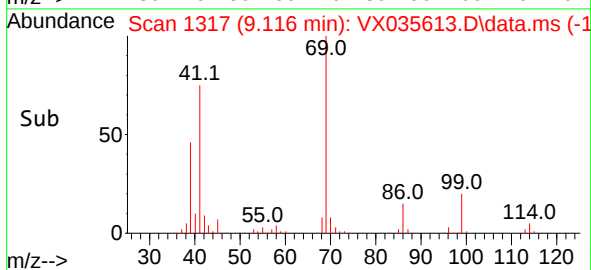
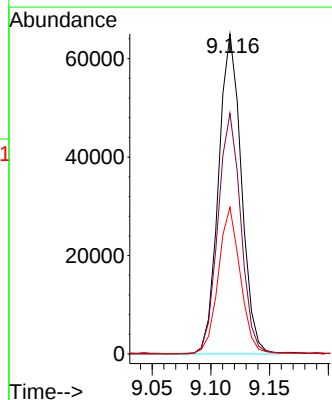
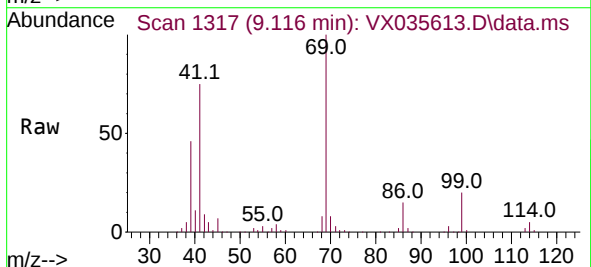
Reviewed By :John Carlone 05/12/2023

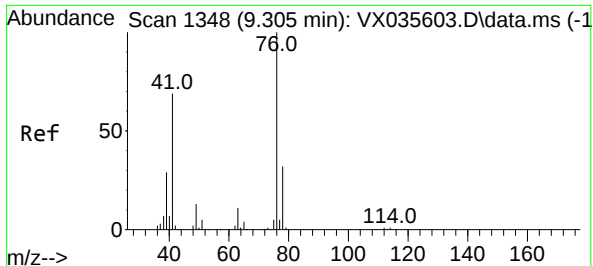
Supervised By :Mahesh Dadoda 05/12/2023



#56
Ethyl methacrylate
Concen: 22.671 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

Tgt Ion: 69	Resp: 87804
Ion Ratio	Lower Upper
69 100	
41 75.2	57.4 86.0
39 44.0	33.7 50.5





#57

1,3-Dichloropropane

Concen: 22.334 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035613.D

Acq: 11 May 2023 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

Tgt Ion: 76 Resp: 9683

Ion Ratio Lower Upper

76 100

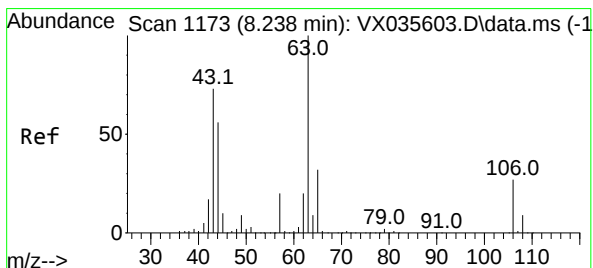
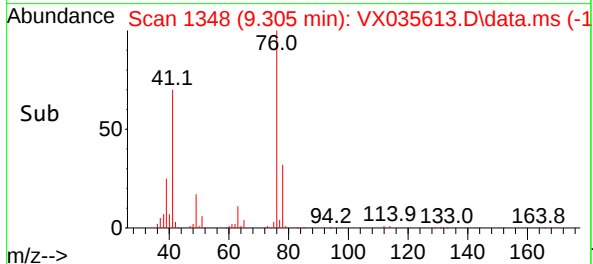
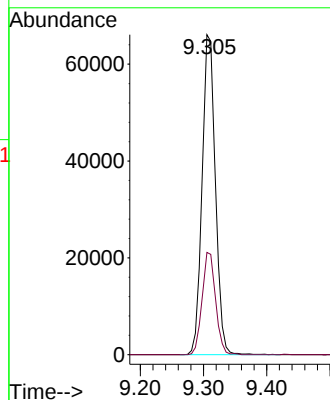
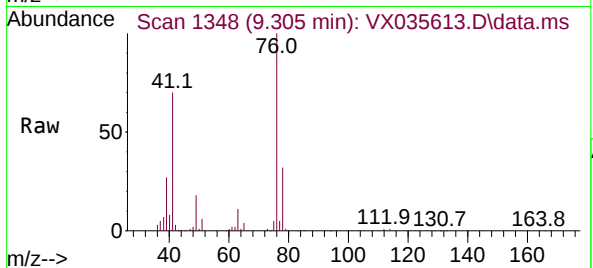
78 32.4 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/12/2023



#58

2-Chloroethyl Vinyl ether

Concen: 101.213 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035613.D

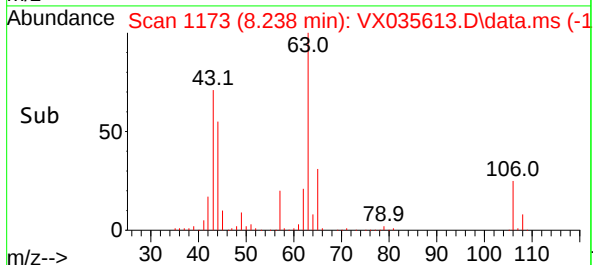
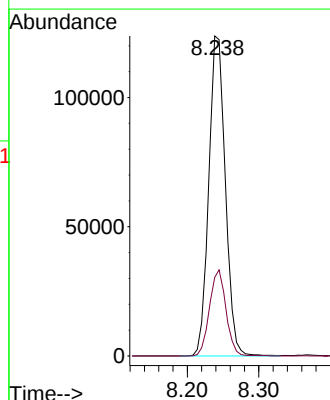
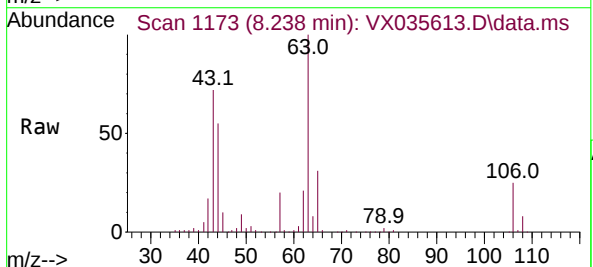
Acq: 11 May 2023 17:27

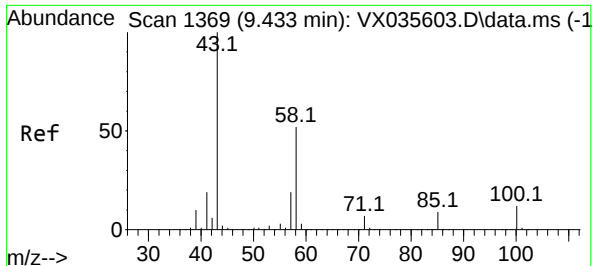
Tgt Ion: 63 Resp: 199414

Ion Ratio Lower Upper

63 100

106 26.7 22.2 33.2





#59

2-Hexanone

Concen: 120.745 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX035613.D

Acq: 11 May 2023 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

Tgt Ion: 43 Resp: 32854

Ion Ratio Lower Upper

43 100

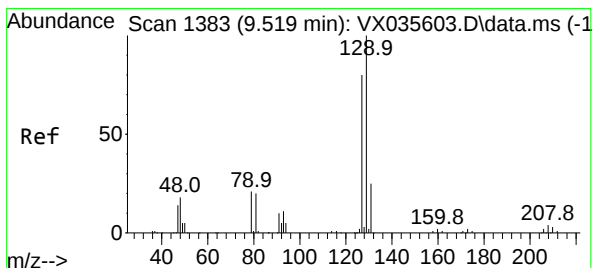
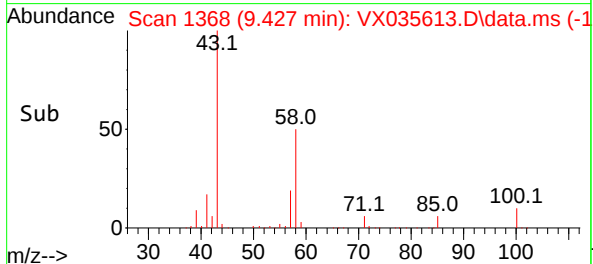
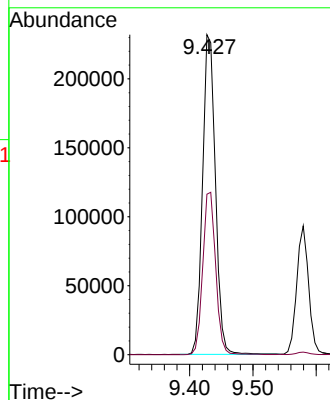
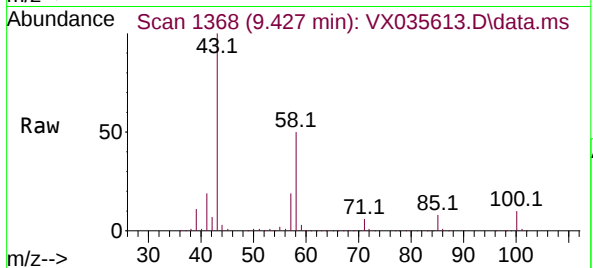
58 51.1 26.3 78.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/12/2023



#60

Dibromochloromethane

Concen: 21.029 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX035613.D

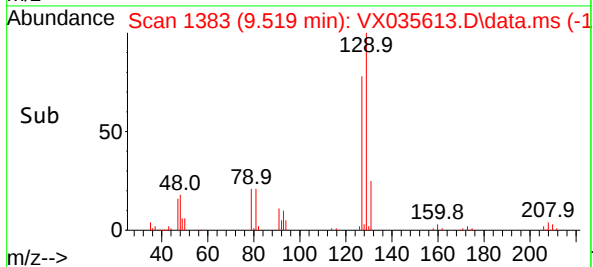
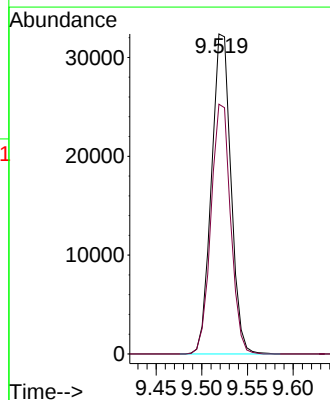
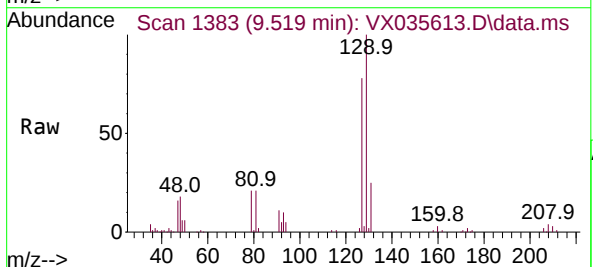
Acq: 11 May 2023 17:27

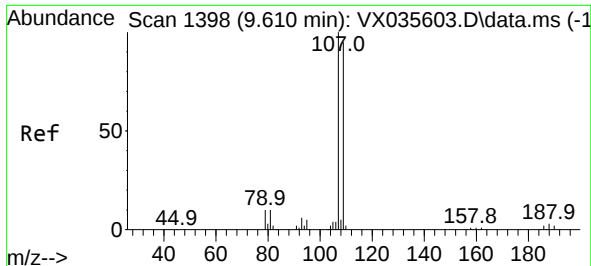
Tgt Ion:129 Resp: 47941

Ion Ratio Lower Upper

129 100

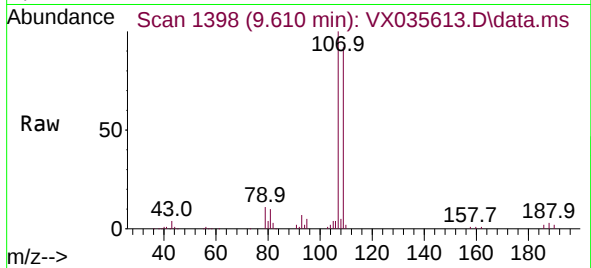
127 78.5 39.0 117.0





#61
1,2-Dibromoethane
Concen: 22.569 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

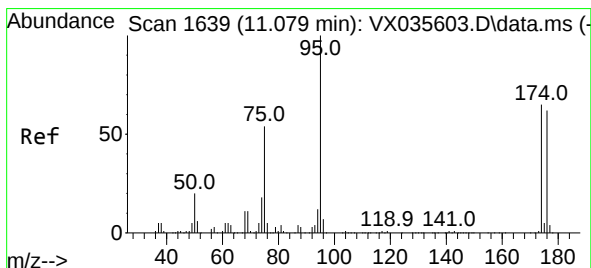
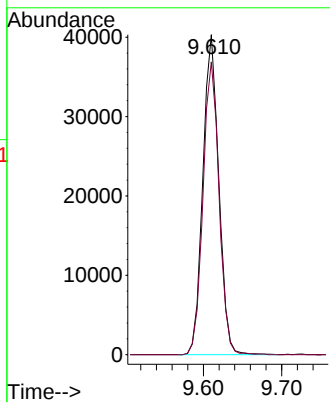
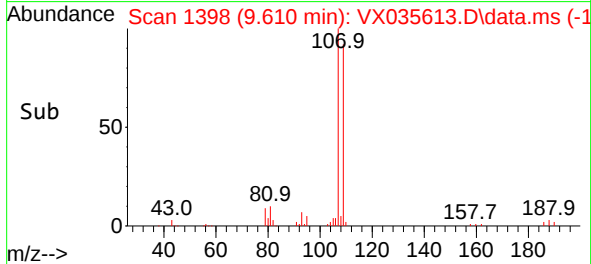
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01



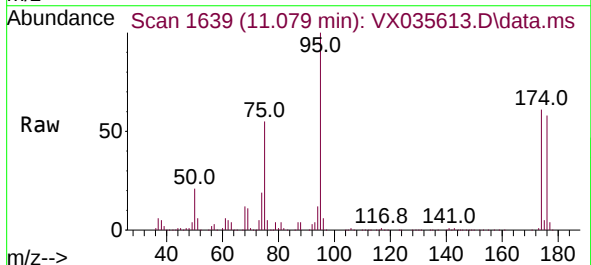
Tgt Ion:107 Resp: 5686
Ion Ratio Lower Upper
107 100
109 92.1 75.3 112.9

Manual Integrations
APPROVED

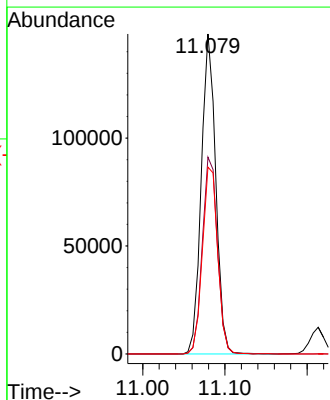
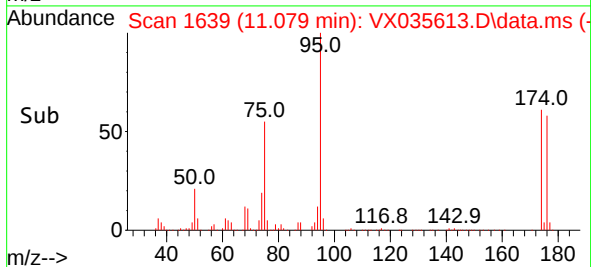
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/12/2023

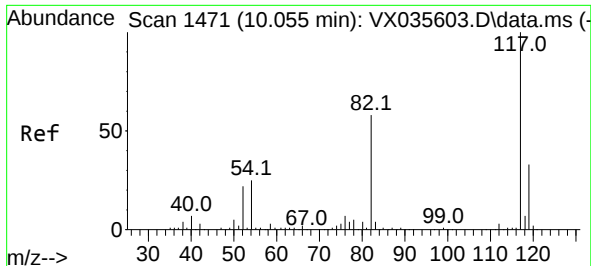


#62
4-Bromofluorobenzene
Concen: 55.637 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27



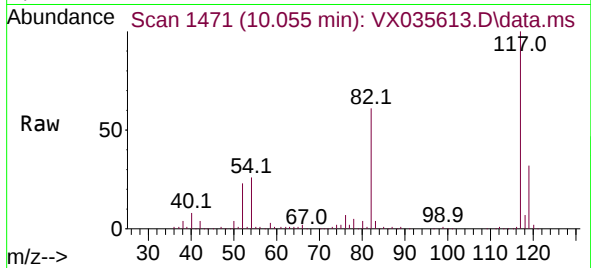
Tgt Ion: 95 Resp: 180786
Ion Ratio Lower Upper
95 100
174 64.1 0.0 147.4
176 61.9 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

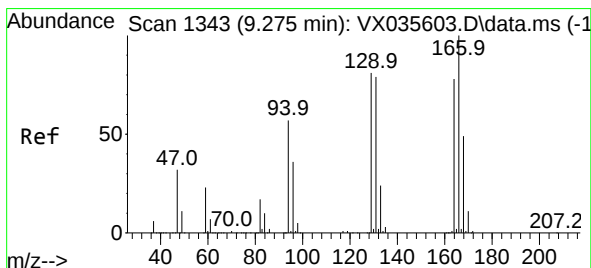
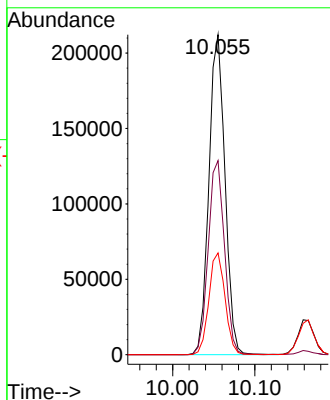
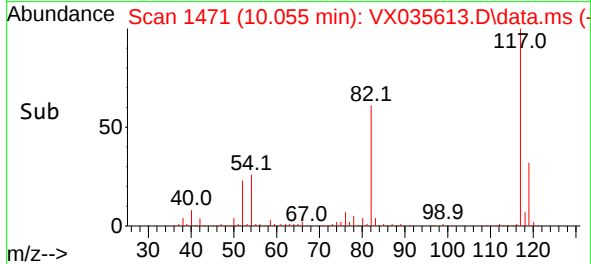
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01



Tgt Ion:117 Resp: 288280
Ion Ratio Lower Upper
117 100
82 60.7 45.0 67.4
119 31.8 26.0 39.0

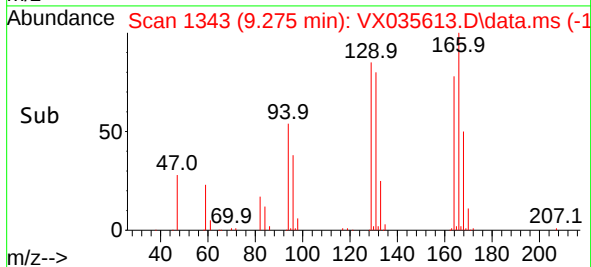
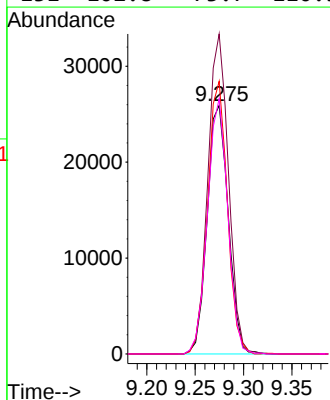
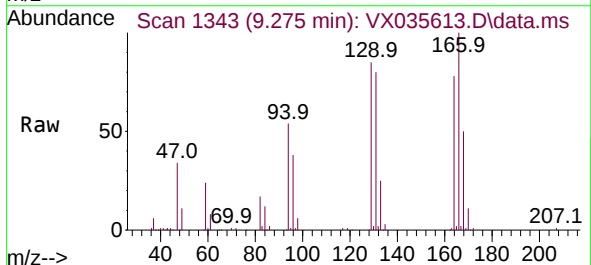
Manual Integrations
APPROVED

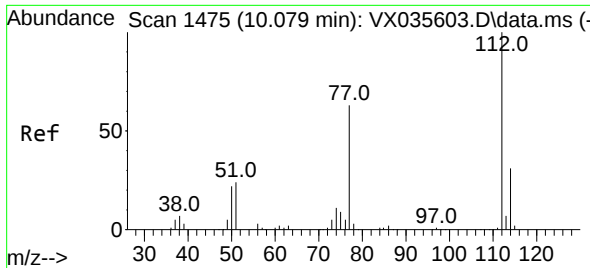
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/12/2023



#64
Tetrachloroethene
Concen: 20.163 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

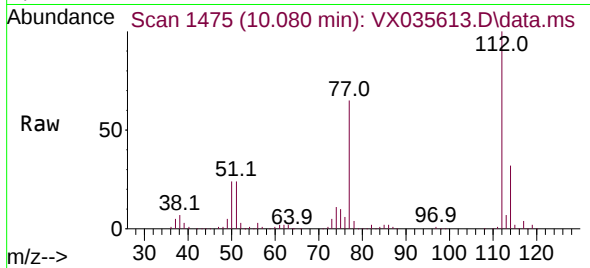
Tgt Ion:164 Resp: 39133
Ion Ratio Lower Upper
164 100
166 128.8 102.7 154.1
129 109.7 75.6 113.4
131 102.8 73.7 110.5





#65
Chlorobenzene
Concen: 21.165 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

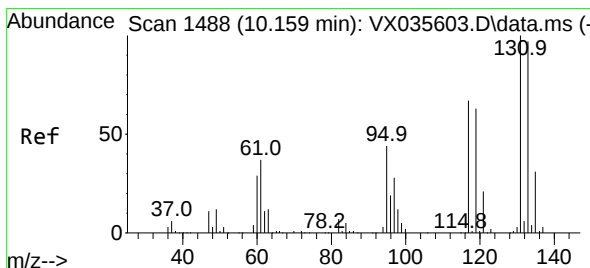
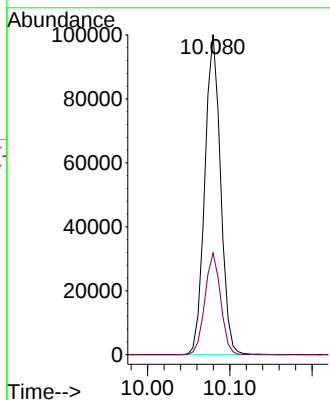
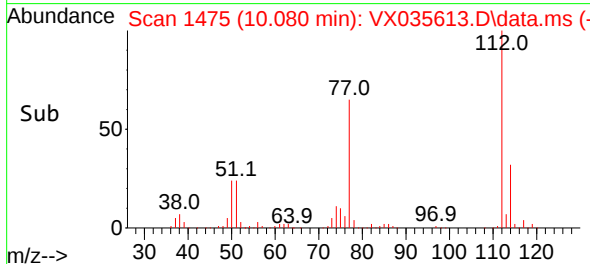
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01



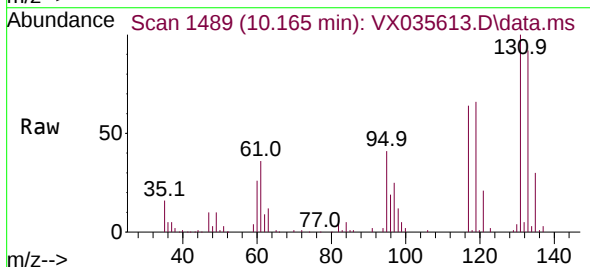
Tgt Ion:112 Resp: 133190
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.2

Manual Integrations
APPROVED

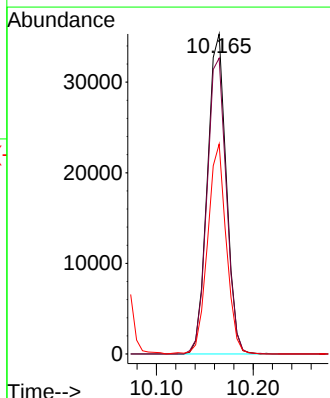
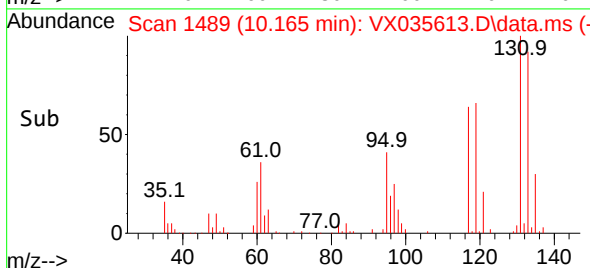
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/12/2023

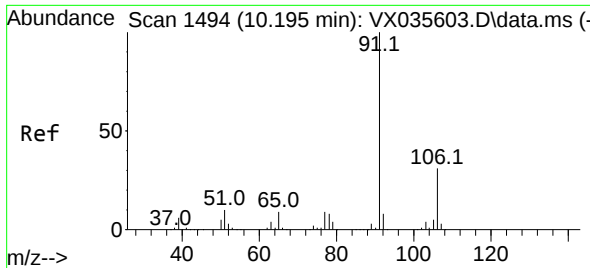


#66
1,1,1,2-Tetrachloroethane
Concen: 21.489 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27



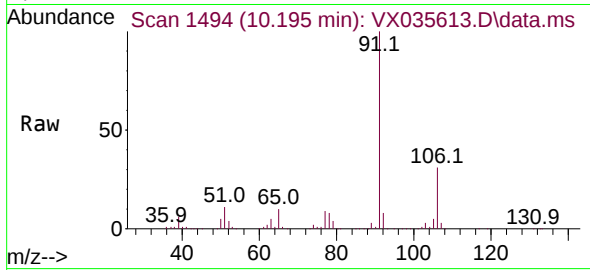
Tgt Ion:131 Resp: 47816
Ion Ratio Lower Upper
131 100
133 94.8 47.1 141.4
119 64.8 32.6 98.0





#67
Ethyl Benzene
Concen: 20.604 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

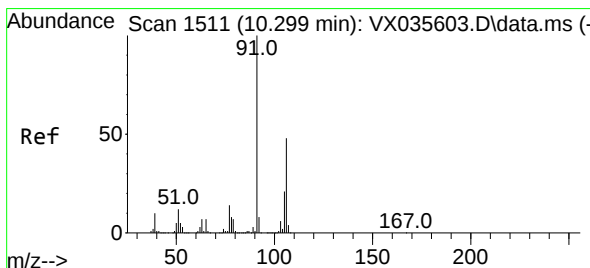
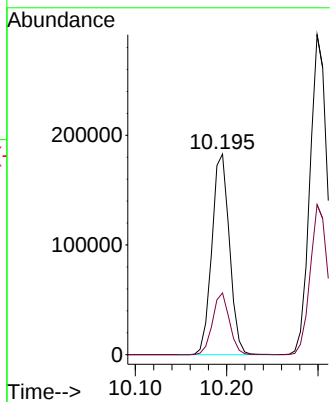
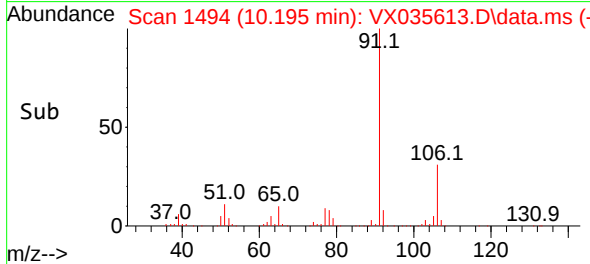
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01



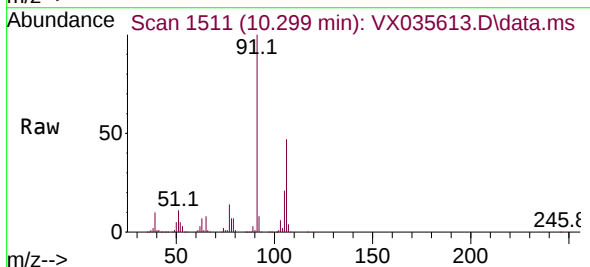
Tgt Ion: 91 Resp: 243849
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4

Manual Integrations
APPROVED

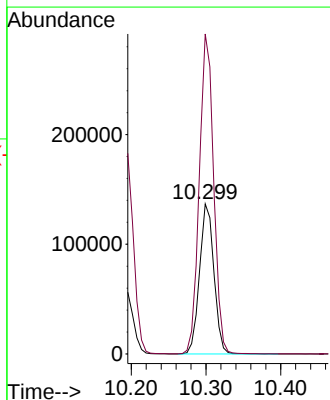
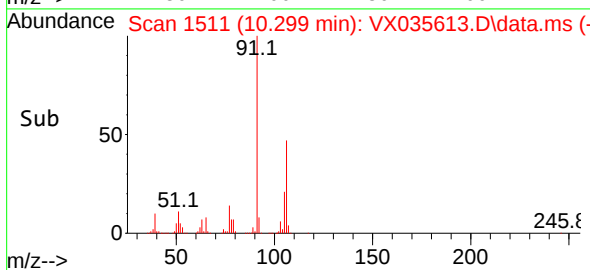
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/12/2023

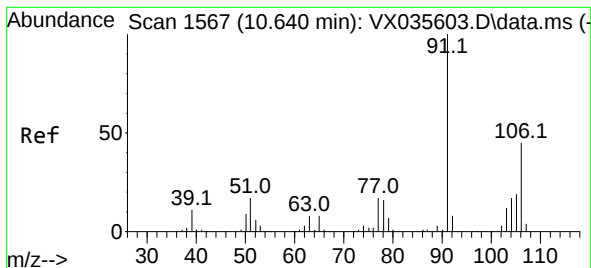


#68
m/p-Xylenes
Concen: 41.810 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27



Tgt Ion:106 Resp: 182905
Ion Ratio Lower Upper
106 100
91 212.7 164.0 246.0





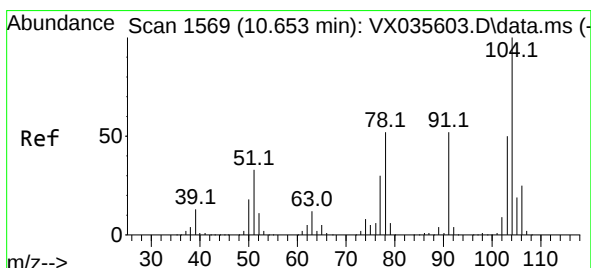
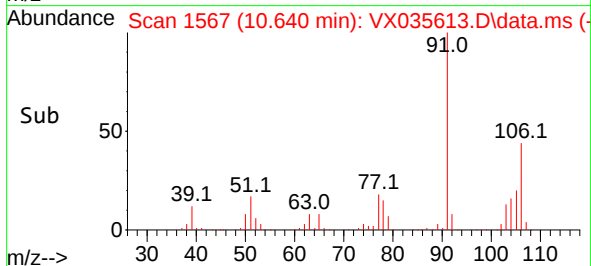
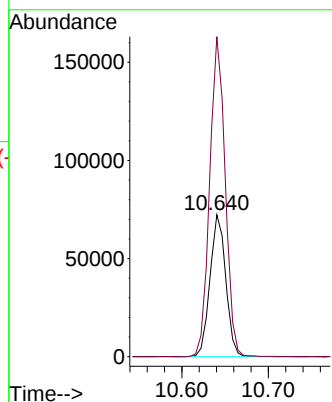
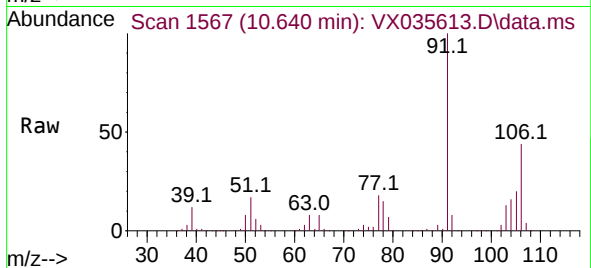
#69
o-Xylene
Concen: 21.045 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01

Tgt Ion:106 Resp: 91350
Ion Ratio Lower Upper
106 100
91 222.3 108.5 325.3

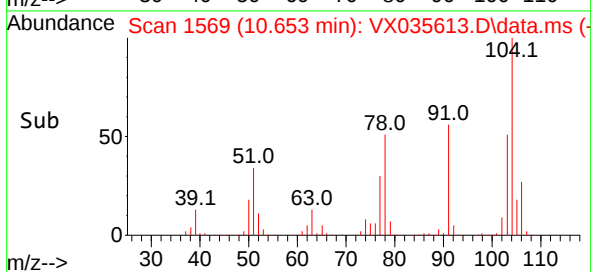
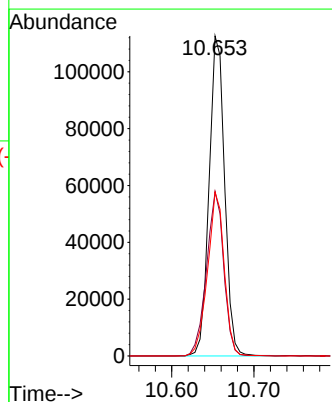
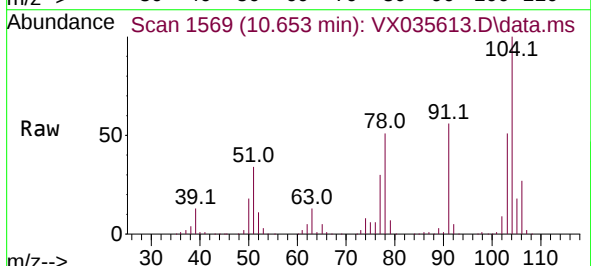
Manual Integrations
APPROVED

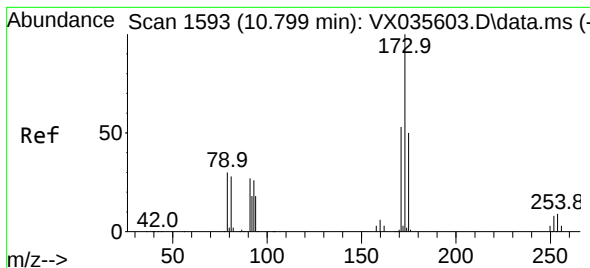
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/12/2023



#70
Styrene
Concen: 21.161 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

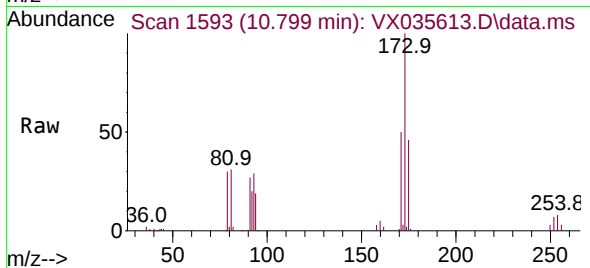
Tgt Ion:104 Resp: 148051
Ion Ratio Lower Upper
104 100
78 56.9 43.4 65.2
103 54.9 44.2 66.2





#71
Bromoform
Concen: 21.024 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

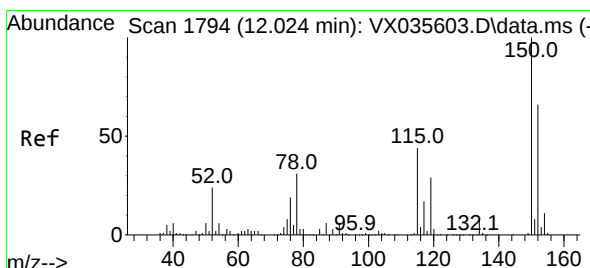
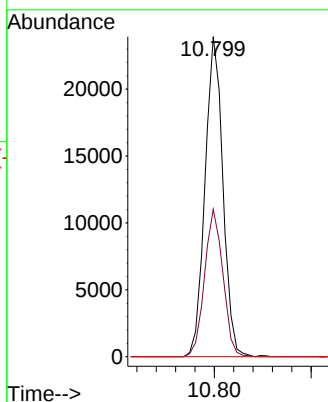
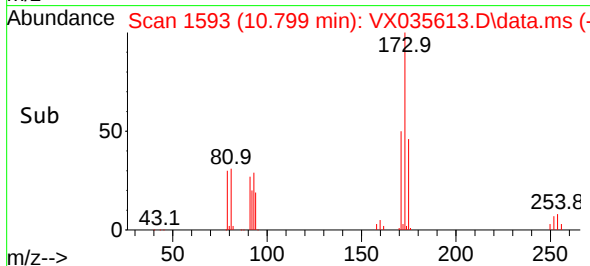
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01



Tgt Ion:173 Resp: 30780
Ion Ratio Lower Upper
173 100
175 47.2 24.1 72.4
254 0.0 0.1 0.1

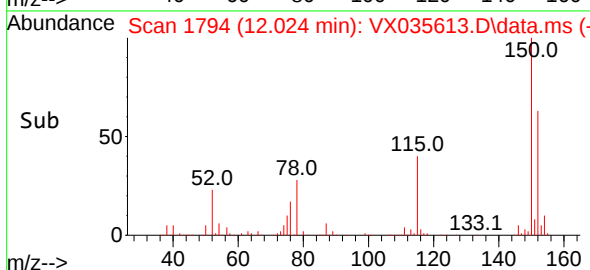
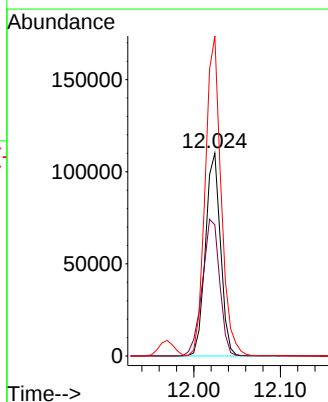
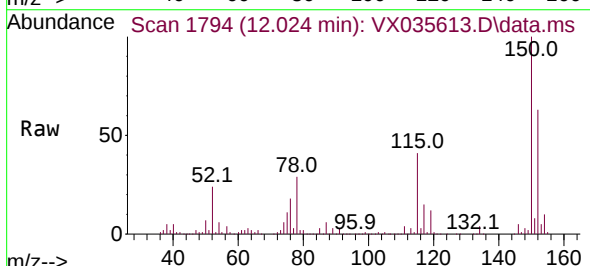
Manual Integrations
APPROVED

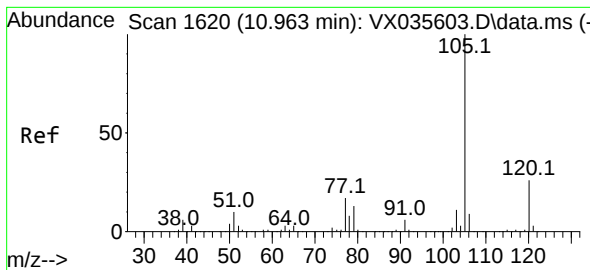
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/12/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

Tgt Ion:152 Resp: 132734
Ion Ratio Lower Upper
152 100
115 77.5 45.0 135.0
150 166.3 0.0 352.4





#73

Isopropylbenzene

Concen: 20.865 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.001 min

Lab File: VX035613.D

Acq: 11 May 2023 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

Tgt Ion:105 Resp: 233379

Ion Ratio Lower Upper

105 100

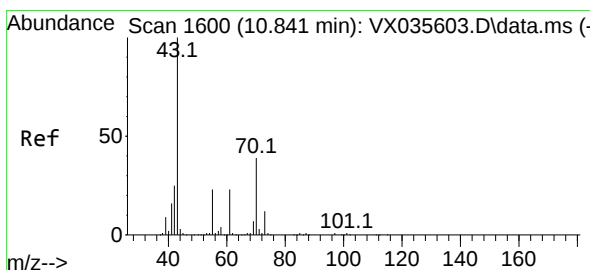
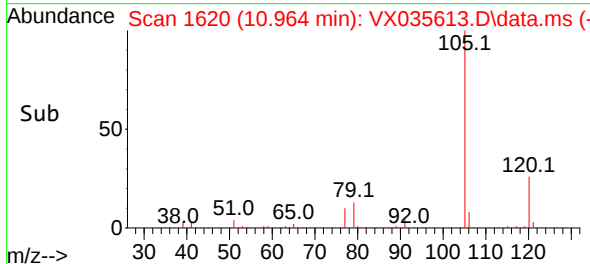
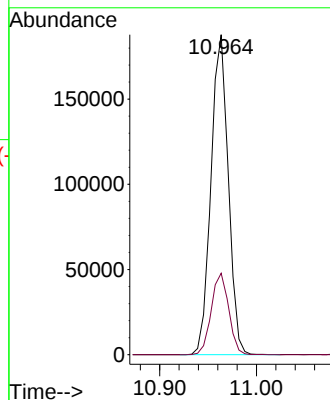
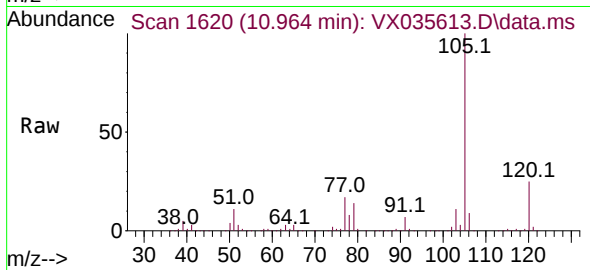
120 25.7 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/12/2023



#74

N-ethyl acetate

Concen: 23.169 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.001 min

Lab File: VX035613.D

Acq: 11 May 2023 17:27

Tgt Ion: 43 Resp: 120824

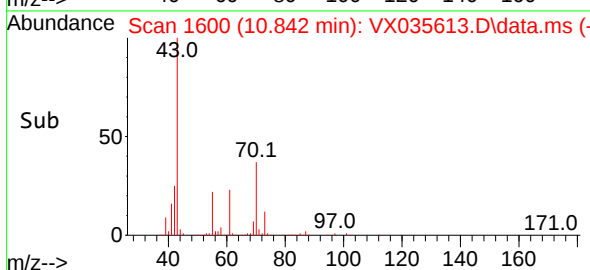
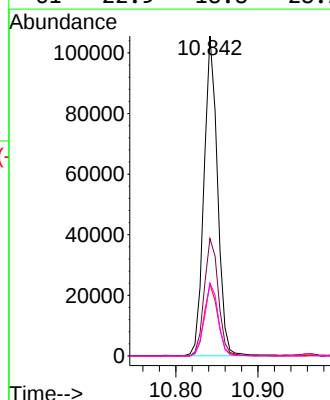
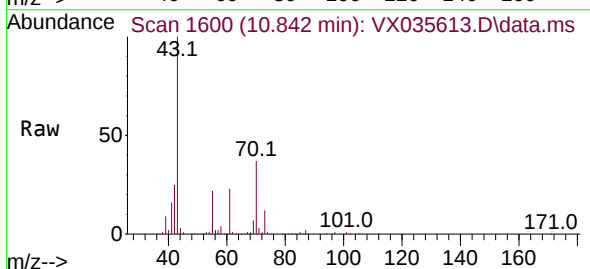
Ion Ratio Lower Upper

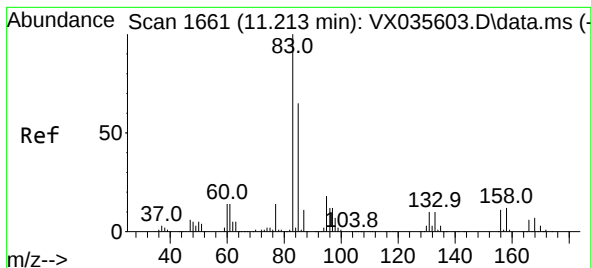
43 100

70 38.4 32.1 48.1

55 22.9 18.3 27.5

61 22.9 18.8 28.2





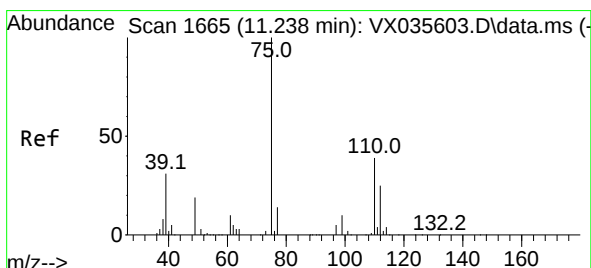
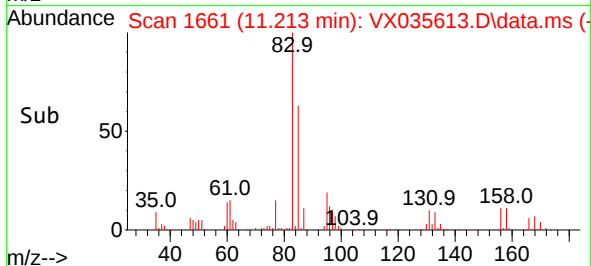
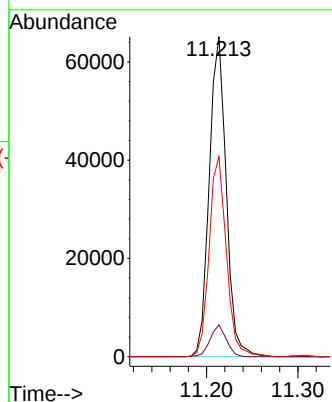
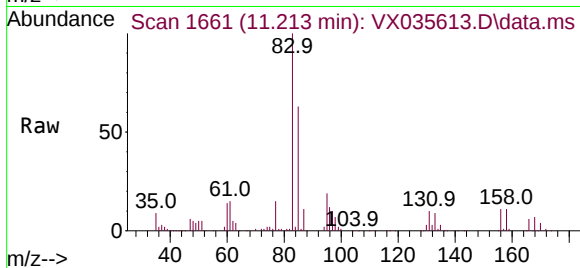
#75
1,1,2,2-Tetrachloroethane
Concen: 23.098 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01

Tgt Ion: 83 Resp: 83800
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.3
85 63.6 32.0 96.0

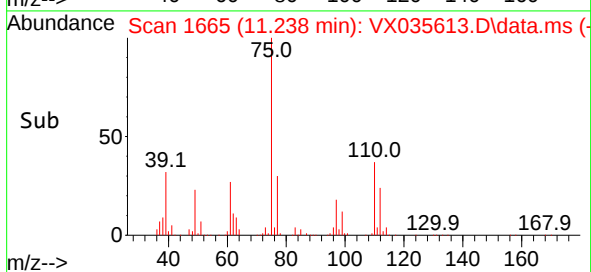
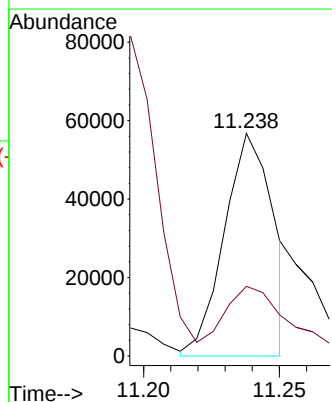
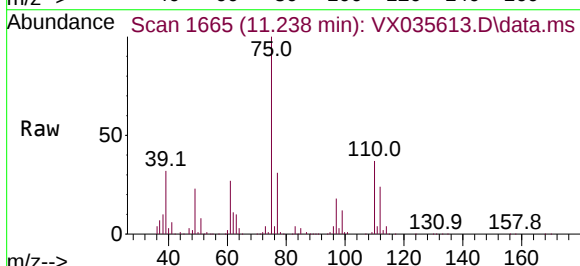
Manual Integrations
APPROVED

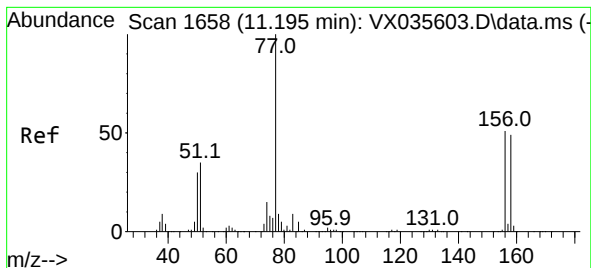
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/12/2023



#76
1,2,3-Trichloropropane
Concen: 21.928 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

Tgt Ion: 75 Resp: 71194
Ion Ratio Lower Upper
75 100
77 42.2 21.6 64.8





#77

Bromobenzene

Concen: 20.856 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035613.D

Acq: 11 May 2023 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

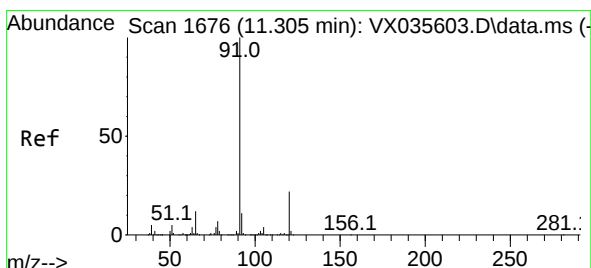
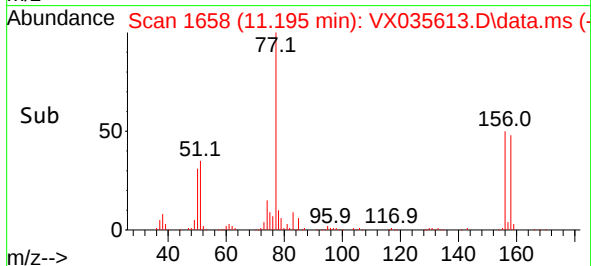
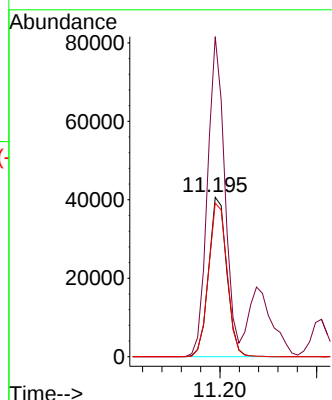
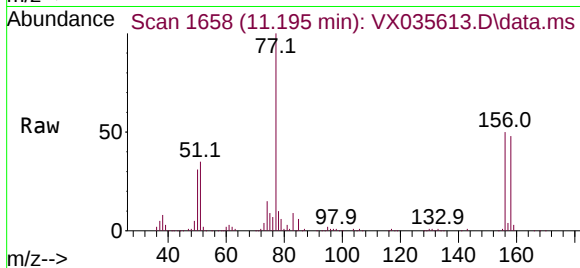
Tgt Ion:156 Resp: 52940
 Ion Ratio Lower Upper
 156 100
 77 191.1 86.7 259.9
 158 98.5 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/12/2023



#78

n-propylbenzene

Concen: 20.896 ug/l

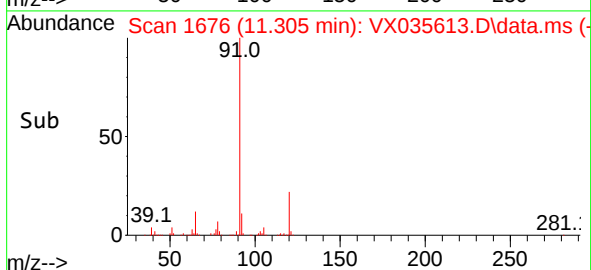
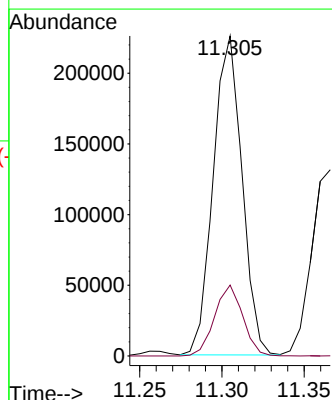
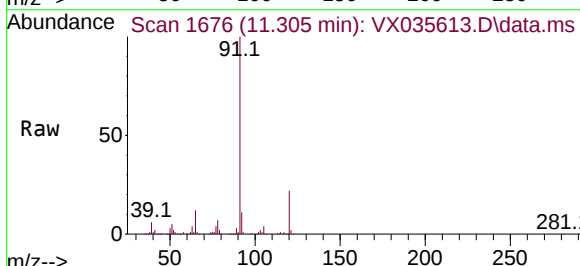
RT: 11.305 min Scan# 1676

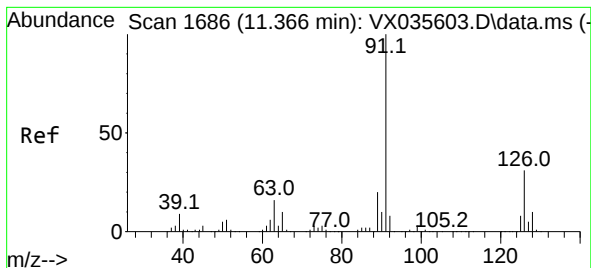
Delta R.T. -0.000 min

Lab File: VX035613.D

Acq: 11 May 2023 17:27

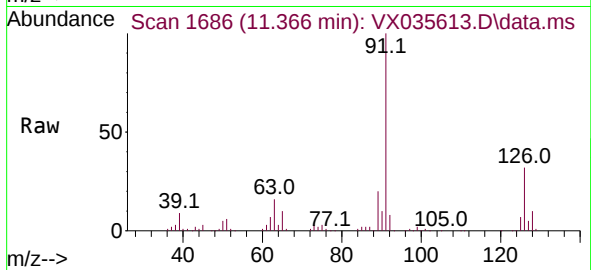
Tgt Ion: 91 Resp: 274736
 Ion Ratio Lower Upper
 91 100
 120 21.7 11.5 34.5





#79
2-Chlorotoluene
Concen: 20.676 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

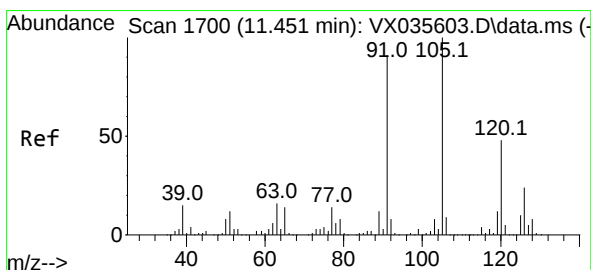
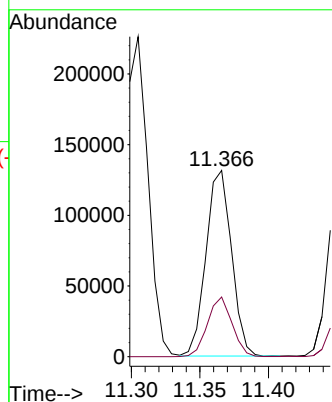
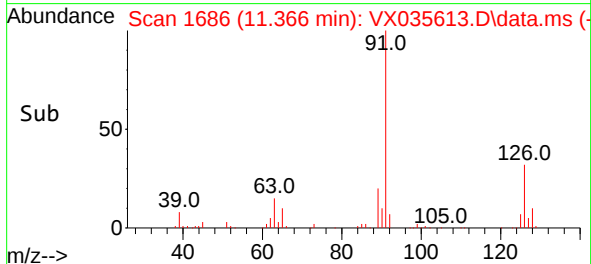
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01



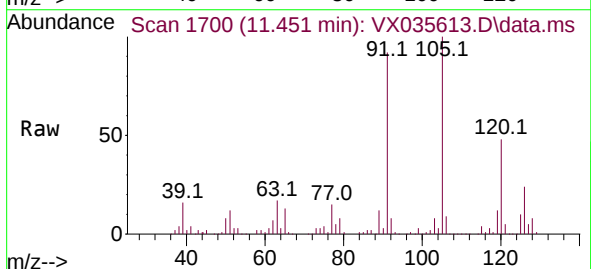
Tgt Ion: 91 Resp: 17020
Ion Ratio Lower Upper
91 100
126 31.0 16.3 48.9

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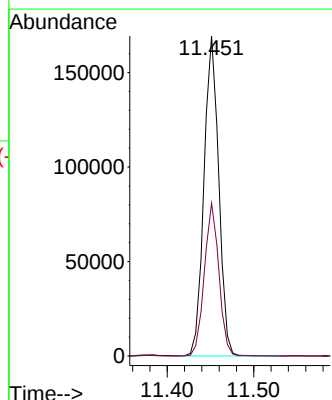
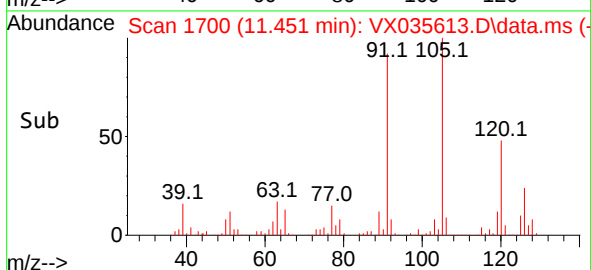
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/12/2023

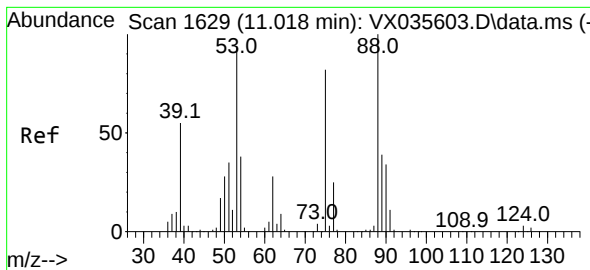


#80
1,3,5-Trimethylbenzene
Concen: 21.049 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27



Tgt Ion:105 Resp: 200100
Ion Ratio Lower Upper
105 100
120 47.0 23.7 71.1





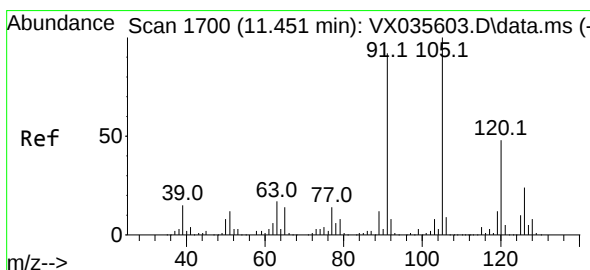
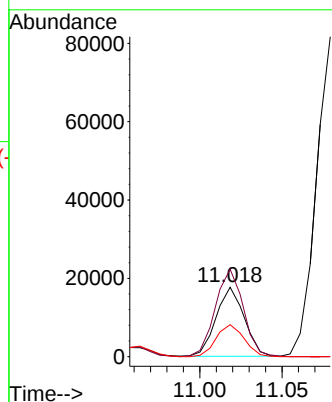
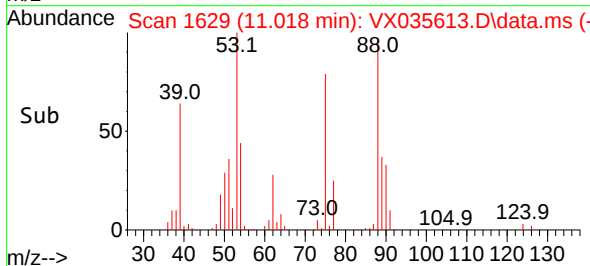
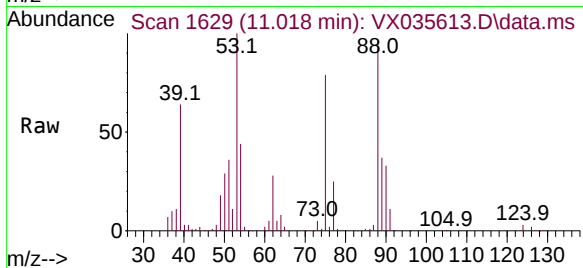
#81
trans-1,4-Dichloro-2-butene
Concen: 20.848 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01

Tgt Ion: 75 Resp: 2100
Ion Ratio Lower Upper
75 100
53 126.3 82.6 124.0
89 45.9 36.9 55.3

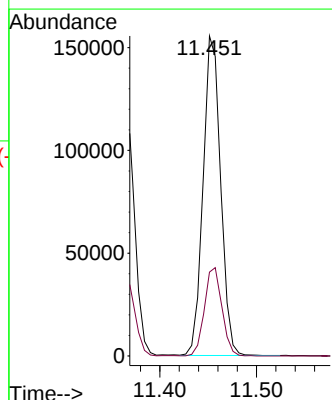
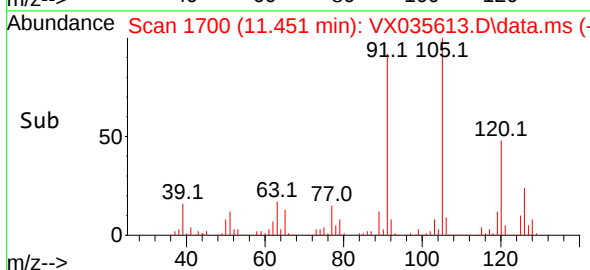
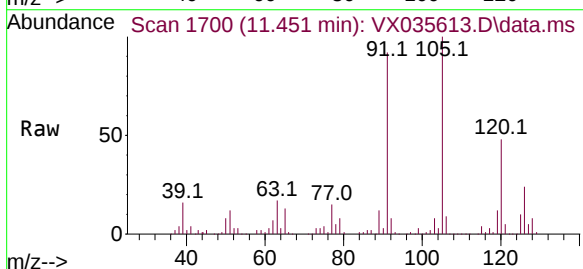
Manual Integrations
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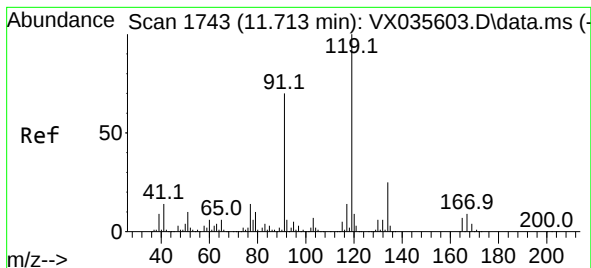
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/12/2023



#82
4-Chlorotoluene
Concen: 20.688 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

Tgt Ion: 91 Resp: 196125
Ion Ratio Lower Upper
91 100
126 27.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 20.875 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035613.D

Acq: 11 May 2023 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

Tgt Ion:119 Resp: 192890

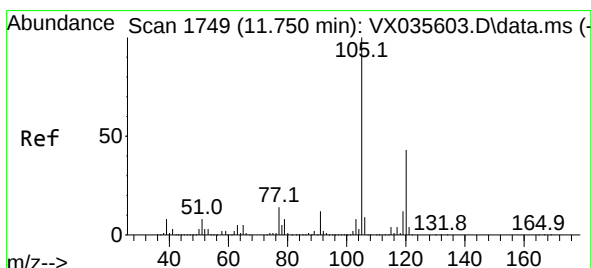
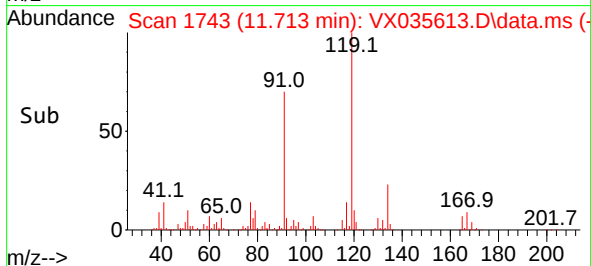
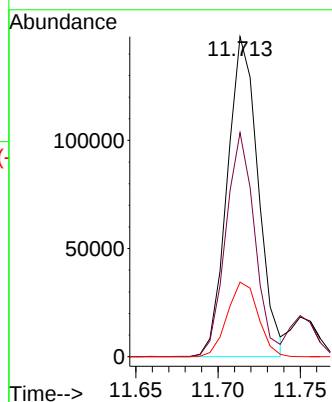
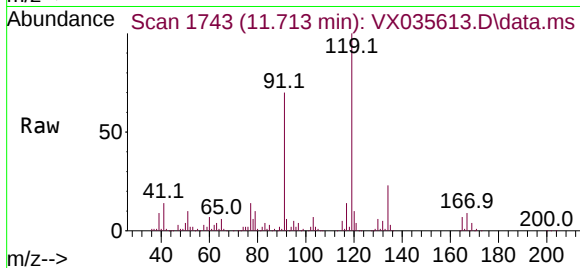
Ion	Ratio	Lower	Upper
119	100		
91	66.0	30.6	92.0
134	23.4	11.8	35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/12/2023



#84

1,2,4-Trimethylbenzene

Concen: 21.198 ug/l

RT: 11.750 min Scan# 1749

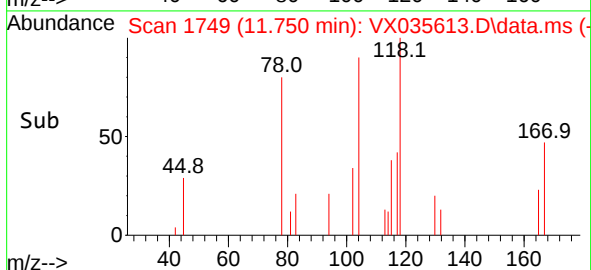
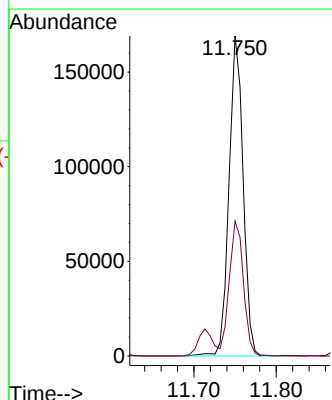
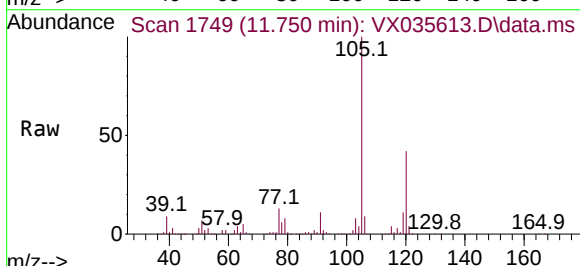
Delta R.T. -0.000 min

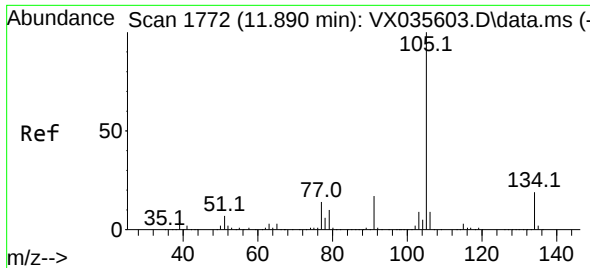
Lab File: VX035613.D

Acq: 11 May 2023 17:27

Tgt Ion:105 Resp: 202342

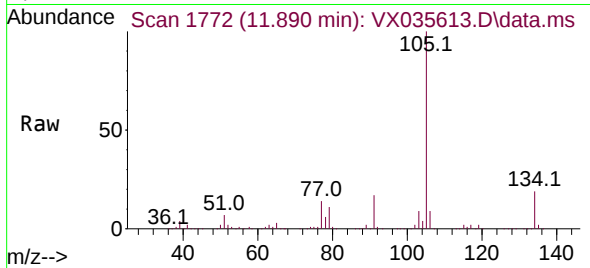
Ion	Ratio	Lower	Upper
105	100		
120	42.1	22.4	67.0





#85
 sec-Butylbenzene
 Concen: 20.724 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035613.D
 Acq: 11 May 2023 17:27

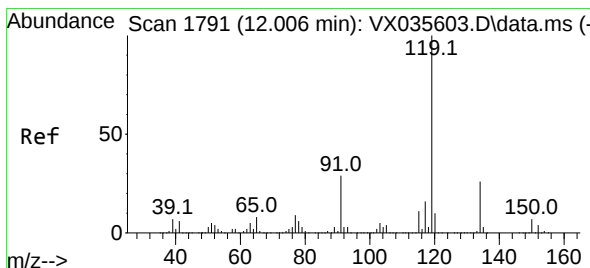
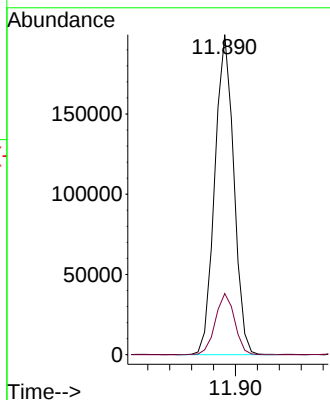
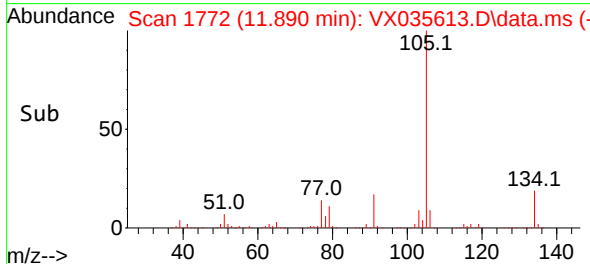
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBSD01



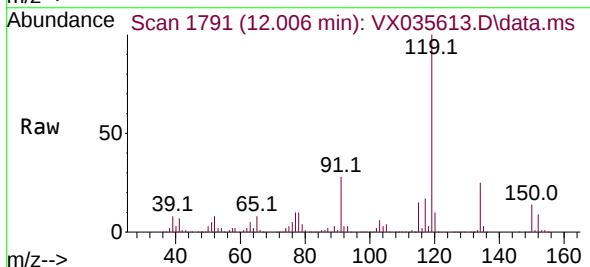
Tgt Ion:105 Resp: 24044
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.2 30.4

Manual Integrations
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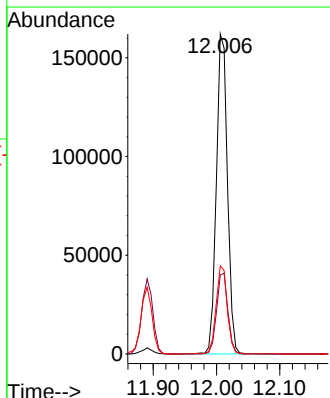
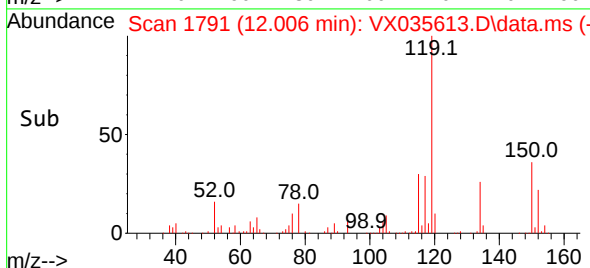
Reviewed By :John Carlone 05/12/2023
 Supervised By :Mahesh Dadoda 05/12/2023

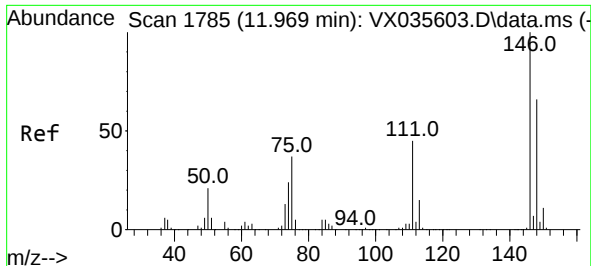


#86
 p-Isopropyltoluene
 Concen: 20.701 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX035613.D
 Acq: 11 May 2023 17:27



Tgt Ion:119 Resp: 197449
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.2 39.5
 91 27.6 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 20.598 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035613.D

Acq: 11 May 2023 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBSD01

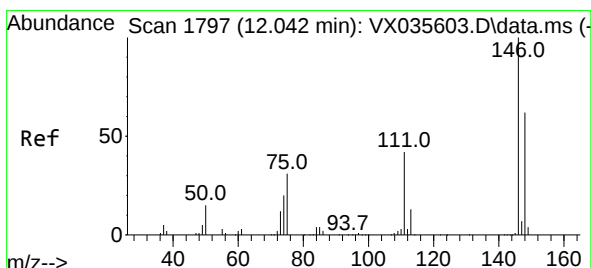
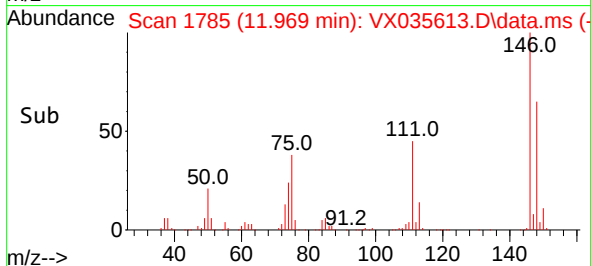
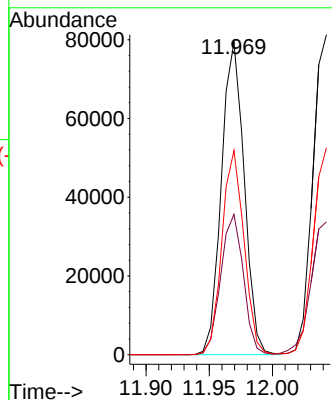
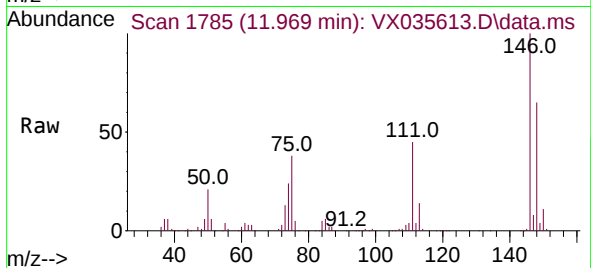
Tgt Ion:146 Resp: 99339
 Ion Ratio Lower Upper
 146 100
 111 44.6 20.9 62.8
 148 63.2 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2023

Supervised By :Mahesh Dadoda 05/12/2023



#88

1,4-Dichlorobenzene

Concen: 20.953 ug/l

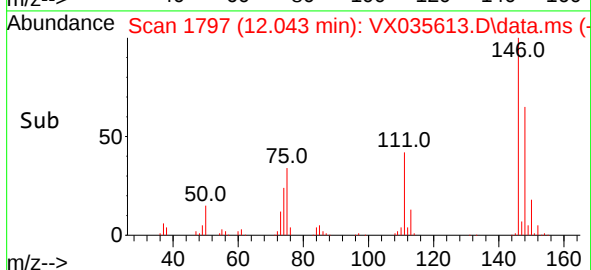
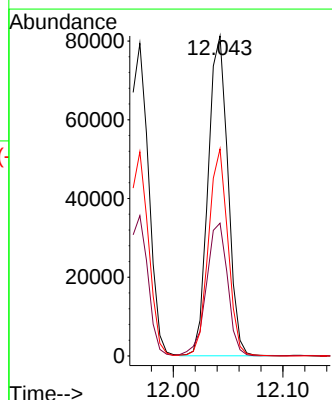
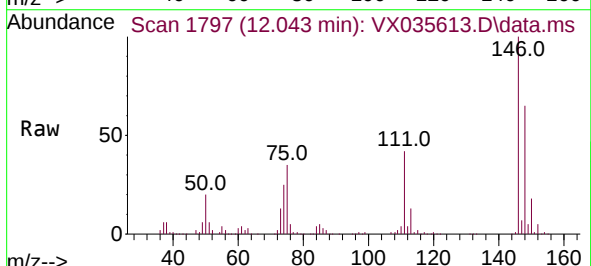
RT: 12.043 min Scan# 1797

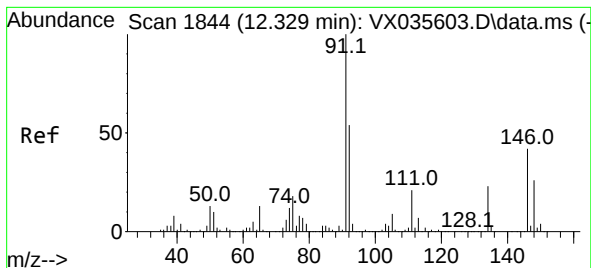
Delta R.T. 0.001 min

Lab File: VX035613.D

Acq: 11 May 2023 17:27

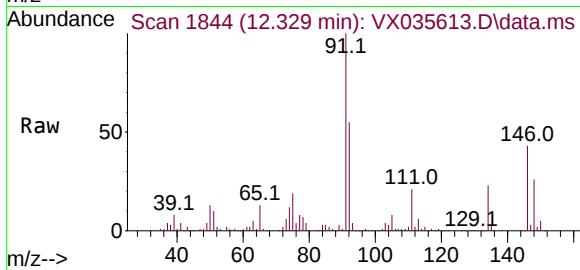
Tgt Ion:146 Resp: 102039
 Ion Ratio Lower Upper
 146 100
 111 44.3 20.6 61.9
 148 63.5 31.8 95.4





#89
n-Butylbenzene
Concen: 20.171 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

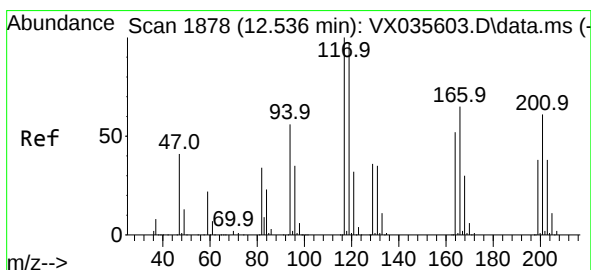
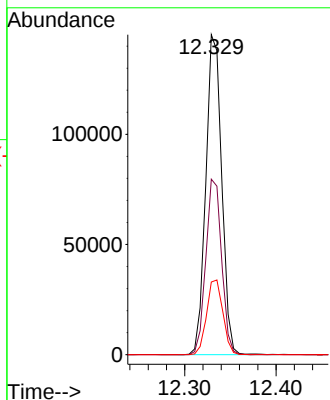
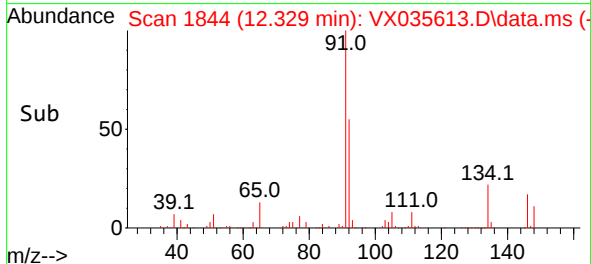
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01



Tgt Ion: 91 Resp: 17502
Ion Ratio Lower Upper
91 100
92 54.4 27.7 83.0
134 23.9 13.0 38.9

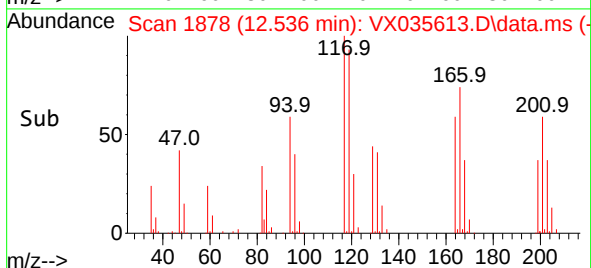
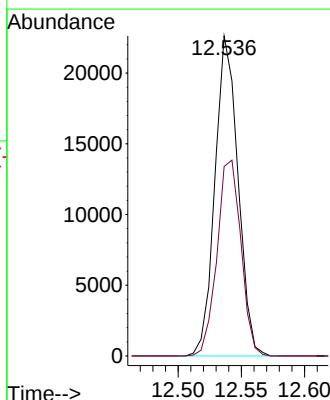
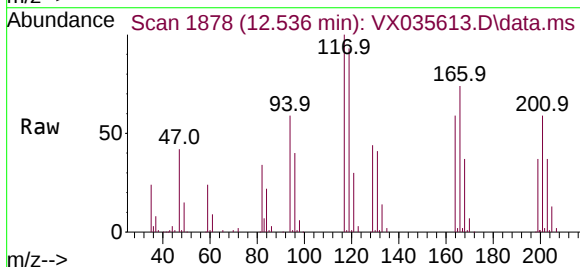
Manual Integrations
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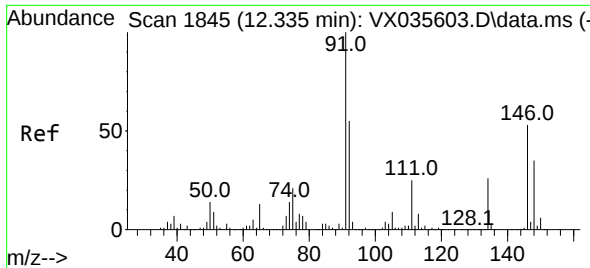
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/12/2023



#90
Hexachloroethane
Concen: 19.830 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

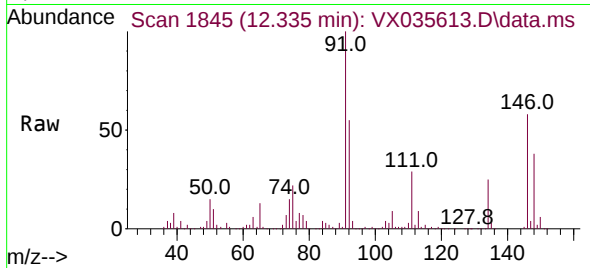
Tgt Ion:117 Resp: 28668
Ion Ratio Lower Upper
117 100
201 63.4 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 21.074 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

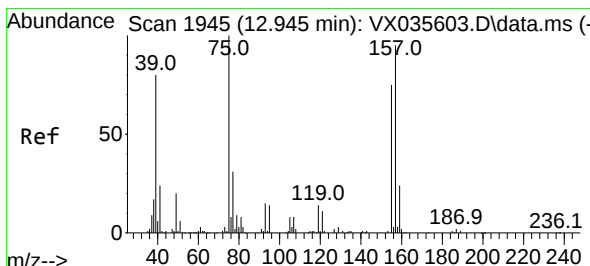
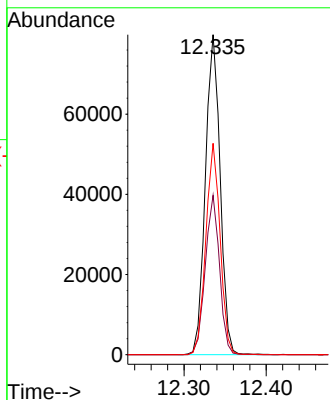
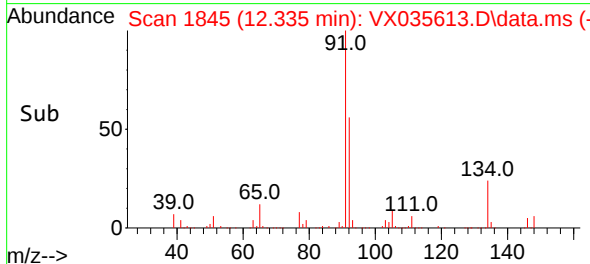
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01



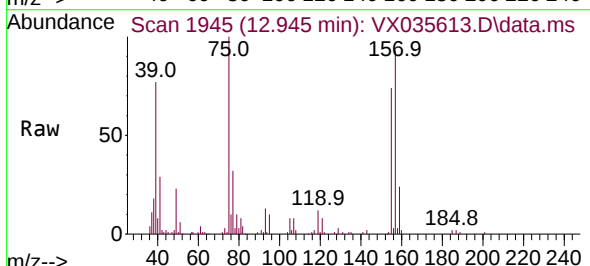
Tgt Ion:146 Resp: 9952
Ion Ratio Lower Upper
146 100
111 48.1 22.0 66.0
148 64.0 32.0 96.0

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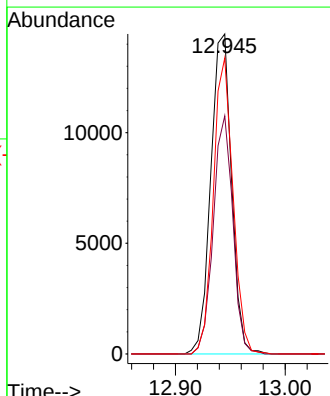
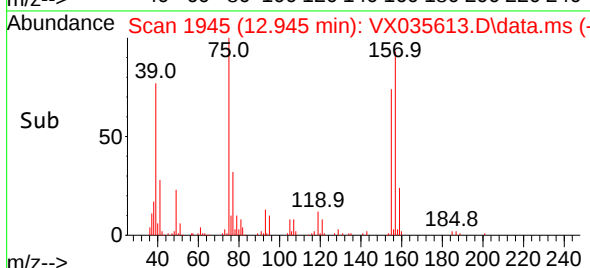
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/12/2023

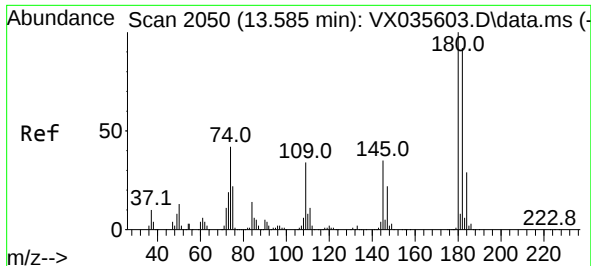


#92
1,2-Dibromo-3-Chloropropane
Concen: 23.608 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27



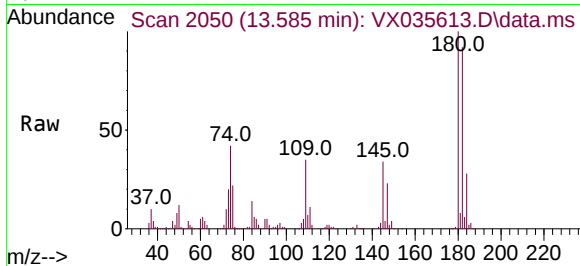
Tgt Ion: 75 Resp: 19074
Ion Ratio Lower Upper
75 100
155 69.9 38.4 115.1
157 87.3 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 20.836 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

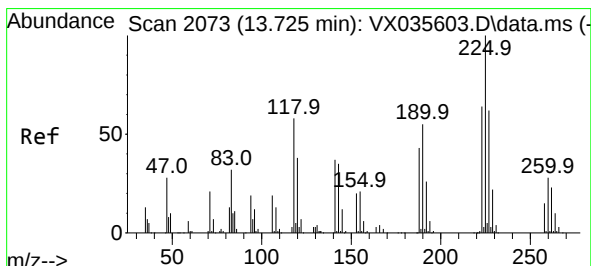
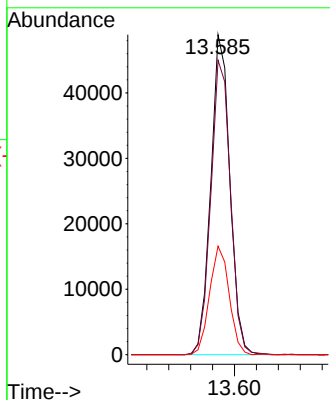
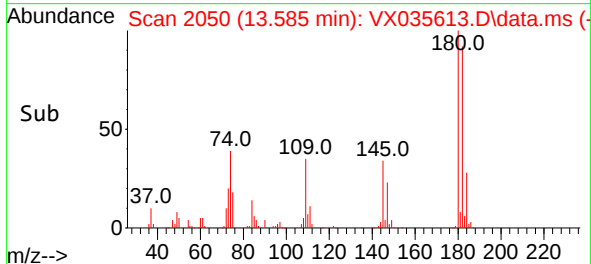
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01



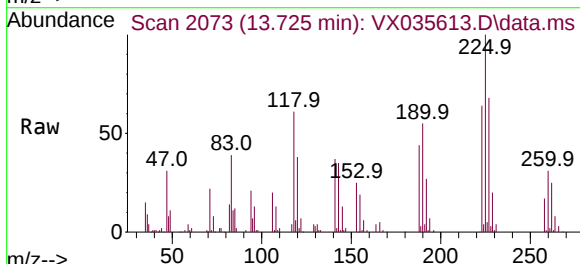
Tgt Ion:180 Resp: 59249
Ion Ratio Lower Upper
180 100
182 94.6 47.0 141.0
145 34.8 15.9 47.7

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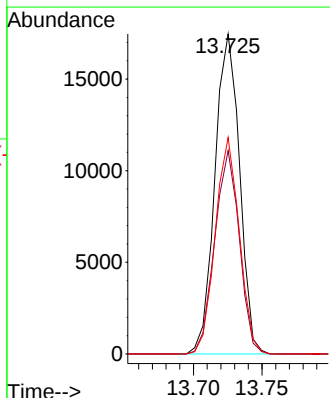
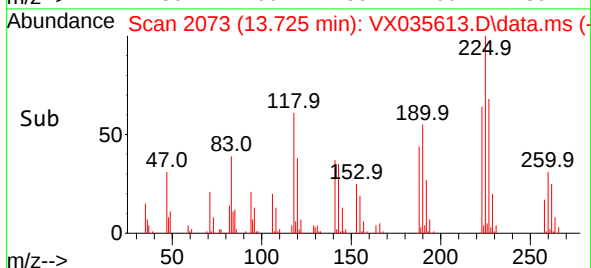
Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/12/2023

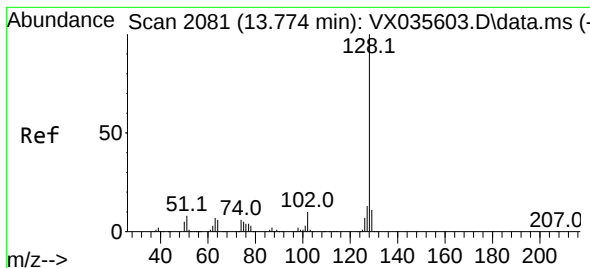


#94
Hexachlorobutadiene
Concen: 19.327 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27



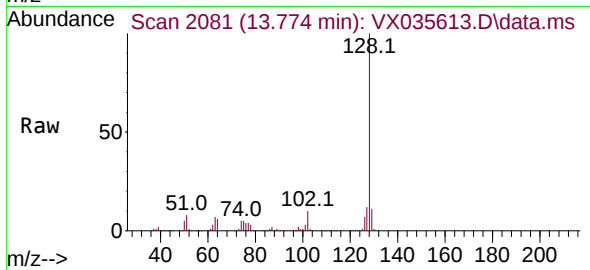
Tgt Ion:225 Resp: 21814
Ion Ratio Lower Upper
225 100
223 63.2 32.1 96.5
227 66.0 31.8 95.4





#95
Naphthalene
Concen: 23.360 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

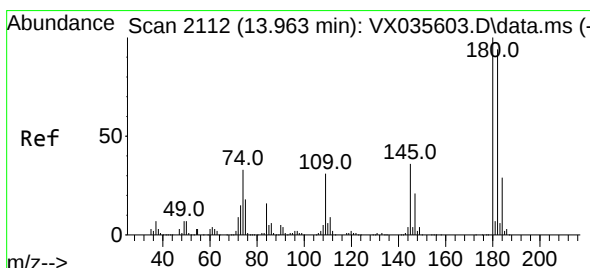
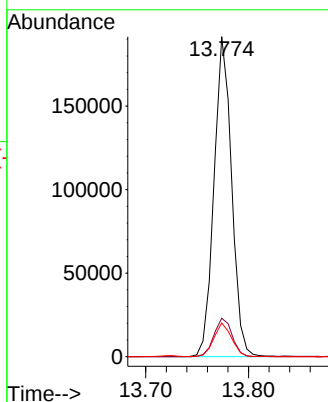
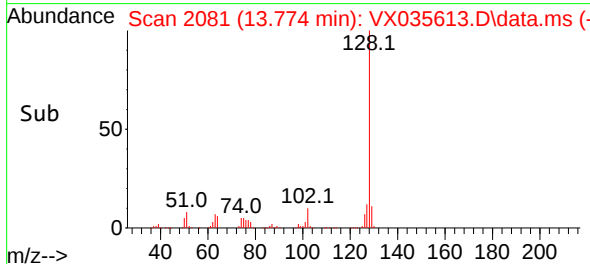
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBSD01



Tgt Ion:128 Resp: 22748
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2023
Supervised By :Mahesh Dadoda 05/12/2023



#96
1,2,3-Trichlorobenzene
Concen: 21.336 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035613.D
Acq: 11 May 2023 17:27

Tgt Ion:180 Resp: 59668
Ion Ratio Lower Upper
180 100
182 95.4 48.0 144.2
145 37.8 17.7 53.1

