

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072123\
 Data File : VX036601.D
 Acq On : 21 Jul 2023 10:09
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Jul 21 11:48:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 11:46:25 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/24/2023
 Supervised By : Mahesh Dadoda 07/24/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	195478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	338672	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	299908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	136986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	17330	6.145	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	12.280%#
35) Dibromofluoromethane	5.391	113	13554	6.031	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	12.060%#
50) Toluene-d8	8.647	98	46960	5.648	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	11.300%#
62) 4-Bromofluorobenzene	11.079	95	16778	5.582	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	11.160%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	13341	6.806	ug/l	99
3) Chloromethane	1.294	50	12447	4.086	ug/l	96
4) Vinyl Chloride	1.374	62	12584	3.788	ug/l	99
5) Bromomethane	1.618	94	8009	3.405	ug/l	98
6) Chloroethane	1.691	64	6175	2.619	ug/l	92
7) Trichlorofluoromethane	1.886	101	19308	3.807	ug/l	95
8) Diethyl Ether	2.136	74	7334	3.771	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	11378	5.103	ug/l	100
10) Methyl Iodide	2.453	142	10047	3.816	ug/l	91
11) Tert butyl alcohol	2.995	59	17973m	32.920	ug/l	
12) 1,1-Dichloroethene	2.319	96	11169	5.050	ug/l	91
13) Acrolein	2.239	56	10977	16.990	ug/l	100
14) Allyl chloride	2.666	41	22287	6.007	ug/l	94
15) Acrylonitrile	3.068	53	34722	26.493	ug/l	100
16) Acetone	2.392	43	29351	24.311	ug/l #	88
17) Carbon Disulfide	2.514	76	31944	5.751	ug/l	97
18) Methyl Acetate	2.709	43	25141	5.064	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	42280	5.760	ug/l	98
20) Methylene Chloride	2.788	84	13682	5.284	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	12580	5.272	ug/l	93
22) Diisopropyl ether	3.764	45	42889	5.814	ug/l	94
23) Vinyl Acetate	3.721	43	165388	30.571	ug/l	98
24) 1,1-Dichloroethane	3.611	63	23432	5.427	ug/l	98
25) 2-Butanone	4.568	43	48306	27.379	ug/l	97
26) 2,2-Dichloropropane	4.477	77	22202	6.878	ug/l	93
27) cis-1,2-Dichloroethene	4.495	96	14533	5.393	ug/l	96
28) Bromochloromethane	4.904	49	12320	5.498	ug/l	99
29) Tetrahydrofuran	5.019	42	31414	27.830	ug/l	97
30) Chloroform	5.093	83	23702	5.438	ug/l	91
31) Cyclohexane	5.471	56	21055	5.727	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	22246	6.020	ug/l	98
36) 1,1-Dichloropropene	5.690	75	17854	5.315	ug/l	99
37) Ethyl Acetate	4.715	43	20015	5.726	ug/l #	95
38) Carbon Tetrachloride	5.678	117	18439	5.874	ug/l	99
39) Methylcyclohexane	7.379	83	21934	5.441	ug/l	93
40) Benzene	6.037	78	52512	5.561	ug/l	98

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Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
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 Supervised By : Mahesh Dadoda 07/24/2023

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	10638	5.524	ug/l #	88
42) 1,2-Dichloroethane	6.092	62	18958	5.313	ug/l	90
43) Isopropyl Acetate	6.342	43	34187	6.073	ug/l	98
44) Trichloroethene	7.129	130	13625	5.233	ug/l	100
45) 1,2-Dichloropropane	7.434	63	13744	5.372	ug/l	98
46) Dibromomethane	7.580	93	9707	5.381	ug/l	100
47) Bromodichloromethane	7.818	83	20123	6.068	ug/l	98
48) Methyl methacrylate	7.696	41	15679	5.641	ug/l	91
49) 1,4-Dioxane	7.702	88	6628	109.518	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	99040	27.951	ug/l	98
52) Toluene	8.720	92	32377	5.415	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	22316	6.505	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	23539	6.173	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	13314	5.367	ug/l	99
56) Ethyl methacrylate	9.116	69	22276	5.882	ug/l	97
57) 1,3-Dichloropropane	9.305	76	23126	5.429	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	56009	27.262	ug/l	99
59) 2-Hexanone	9.433	43	72016	27.786	ug/l	95
60) Dibromochloromethane	9.519	129	14791	5.986	ug/l	98
61) 1,2-Dibromoethane	9.610	107	14198	5.396	ug/l	99
64) Tetrachloroethene	9.275	164	11617	5.421	ug/l	99
65) Chlorobenzene	10.079	112	33917	5.325	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	13059	5.954	ug/l	95
67) Ethyl Benzene	10.195	91	62012	5.452	ug/l	99
68) m/p-Xylenes	10.299	106	46388	10.554	ug/l	100
69) o-Xylene	10.640	106	23529	5.495	ug/l	98
70) Styrene	10.659	104	38009	5.424	ug/l	99
71) Bromoform	10.799	173	10652	6.577	ug/l #	98
73) Isopropylbenzene	10.963	105	59432	5.710	ug/l	100
74) N-amyl acetate	10.841	43	28249	6.674	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	19902	5.642	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	16649m	5.595	ug/l	
77) Bromobenzene	11.201	156	13746	5.391	ug/l	97
78) n-propylbenzene	11.305	91	67637	5.554	ug/l	100
79) 2-Chlorotoluene	11.366	91	41548	5.721	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	50345	5.707	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7216	7.205	ug/l	86
82) 4-Chlorotoluene	11.451	91	46405	5.506	ug/l	99
83) tert-Butylbenzene	11.713	119	49109	5.787	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	49098	5.615	ug/l	95
85) sec-Butylbenzene	11.890	105	60344	5.616	ug/l	100
86) p-Isopropyltoluene	12.006	119	49434	5.496	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	24737	5.278	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	24580	5.154	ug/l	95
89) n-Butylbenzene	12.329	91	42815	5.341	ug/l	99
90) Hexachloroethane	12.536	117	9724	6.764	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	24008	5.214	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4409	6.375	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	13743	4.846	ug/l	96
94) Hexachlorobutadiene	13.725	225	5727	4.917	ug/l	97
95) Naphthalene	13.774	128	49227	5.238	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	13461	4.874	ug/l	97

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

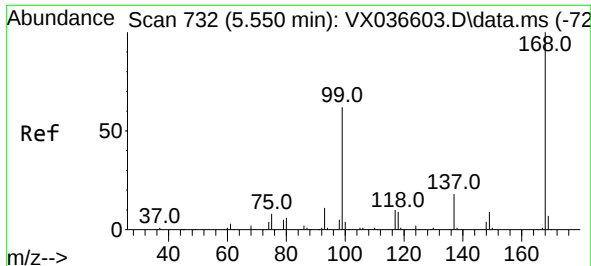
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 07/24/2023

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Quant Title : SW846 8260
QLast Update : Fri Jul 21 11:46:25 2023
Response via : Initial Calibration

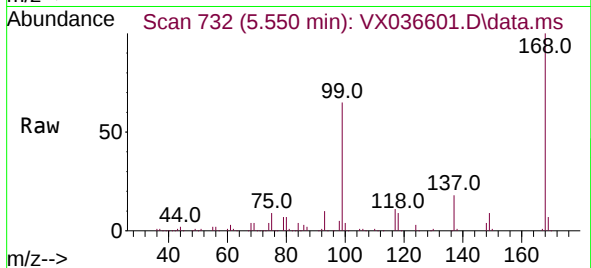
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

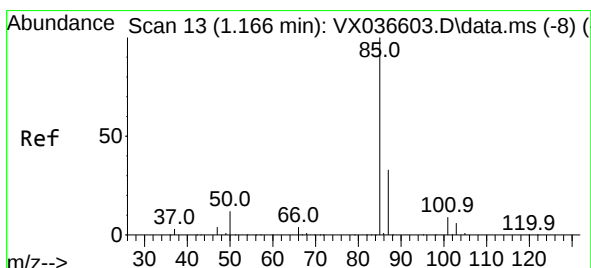
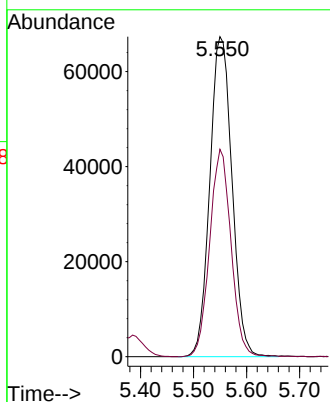
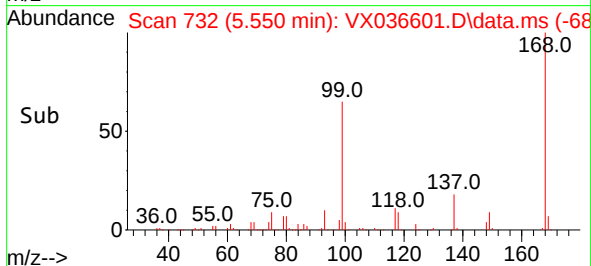
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



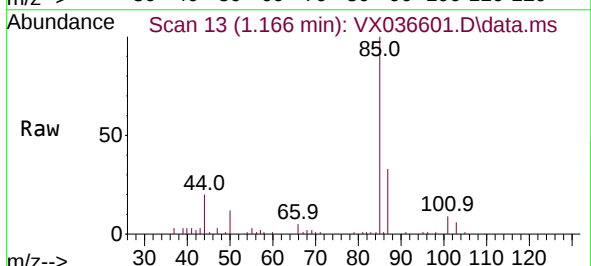
Tgt Ion:168 Resp: 195478
Ion Ratio Lower Upper
168 100
99 64.8 56.6 85.0

Manual Integrations
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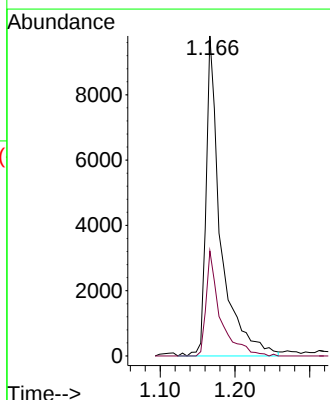
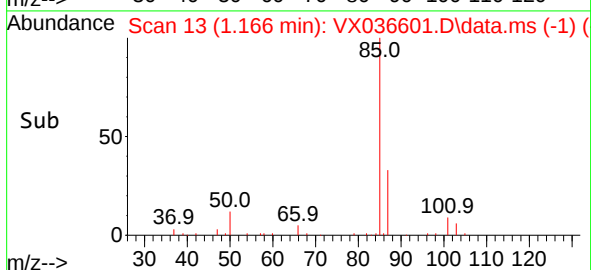
Reviewed By :John Carlone 07/24/2023
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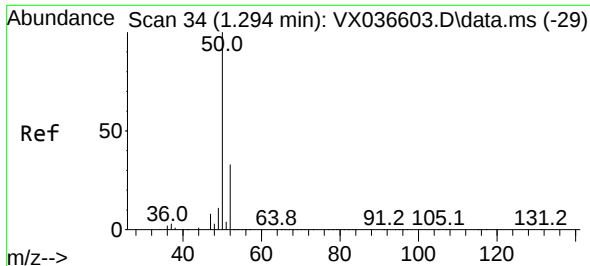


#2
Dichlorodifluoromethane
Concen: 6.806 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09



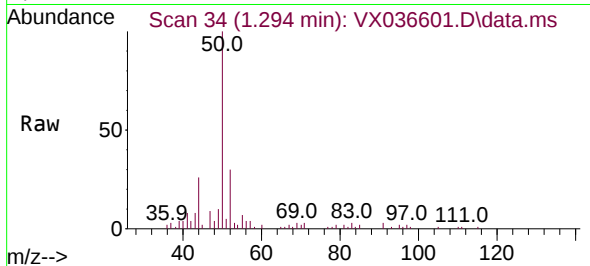
Tgt Ion: 85 Resp: 13341
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.1





#3
Chloromethane
Concen: 4.086 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

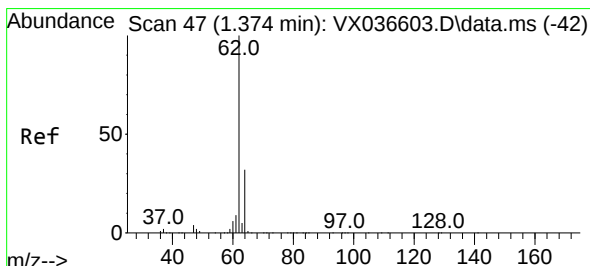
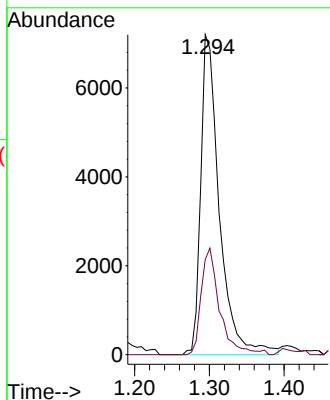
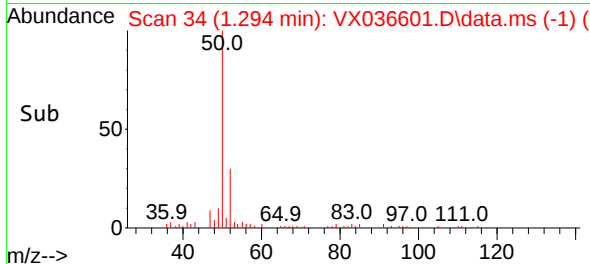
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



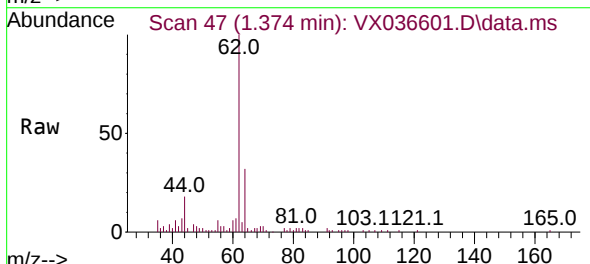
Tgt Ion: 50 Resp: 1244
Ion Ratio Lower Upper
50 100
52 29.8 25.5 38.3

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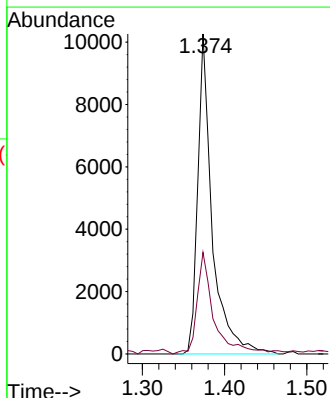
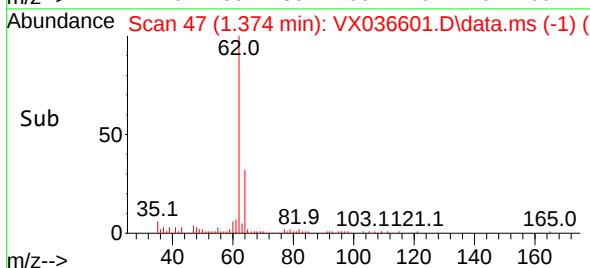
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#4
Vinyl Chloride
Concen: 3.788 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09



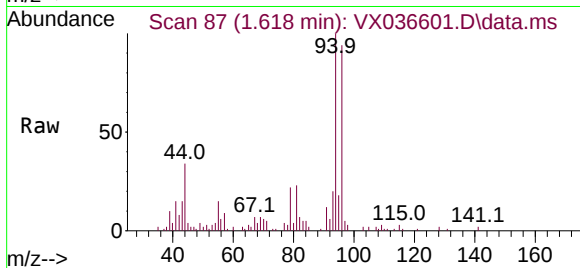
Tgt Ion: 62 Resp: 12584
Ion Ratio Lower Upper
62 100
64 31.1 25.4 38.0





#5
Bromomethane
Concen: 3.405 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

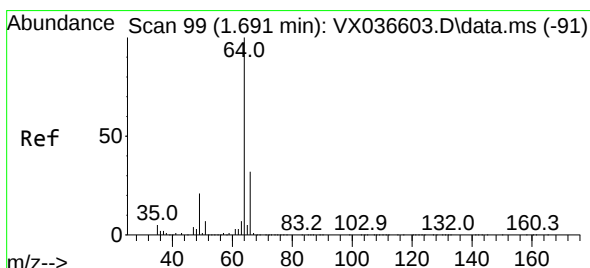
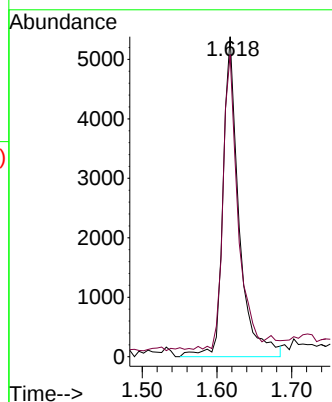
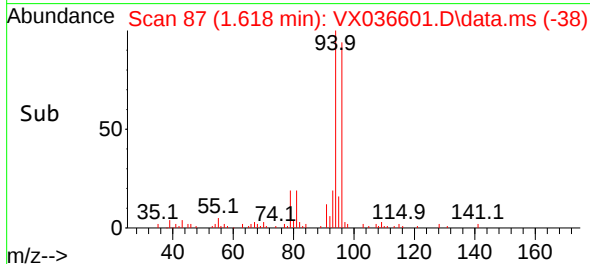
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 94 Resp: 8009
Ion Ratio Lower Upper
94 100
96 91.6 74.6 111.8

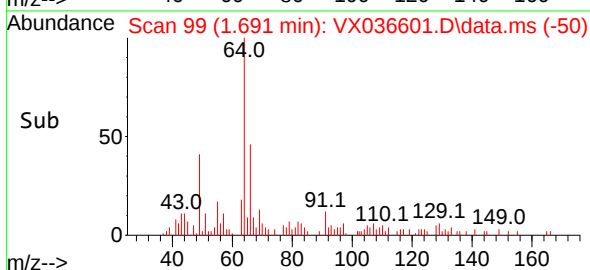
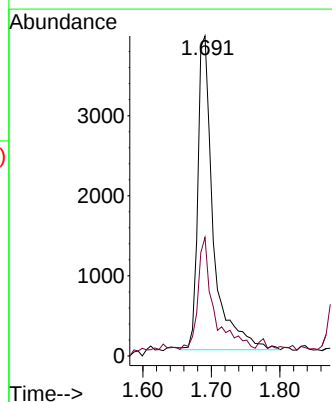
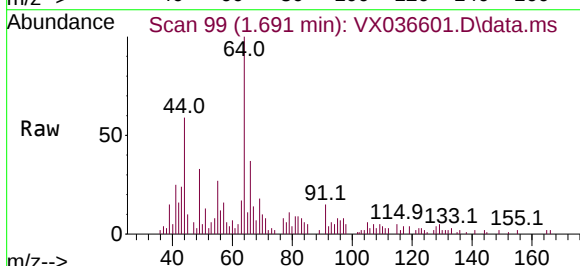
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#6
Chloroethane
Concen: 2.619 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

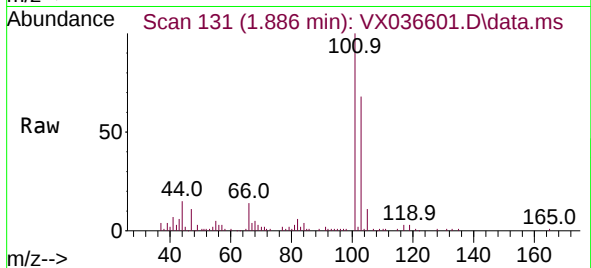
Tgt Ion: 64 Resp: 6175
Ion Ratio Lower Upper
64 100
66 35.7 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 3.807 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036601.D
 Acq: 21 Jul 2023 10:09

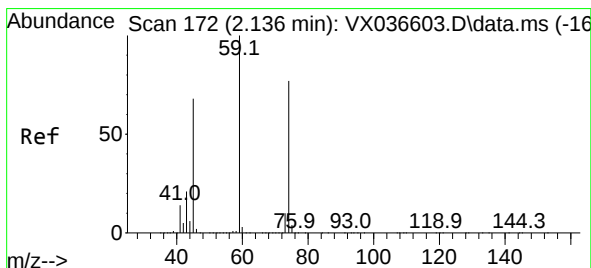
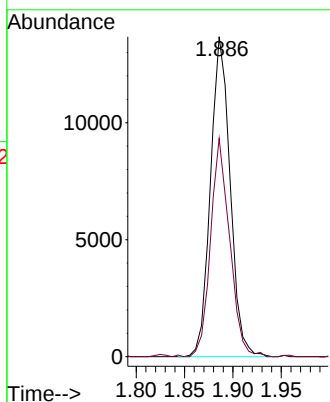
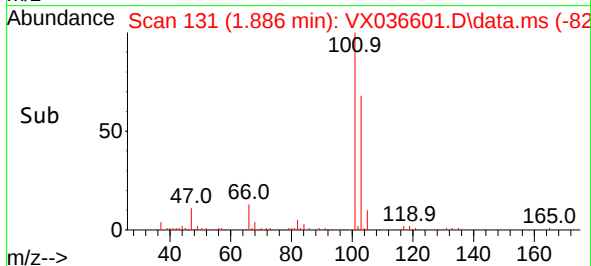
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



Tgt Ion:101 Resp: 19308
 Ion Ratio Lower Upper
 101 100
 103 68.2 51.4 77.2

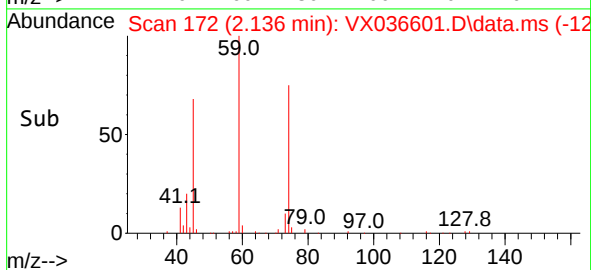
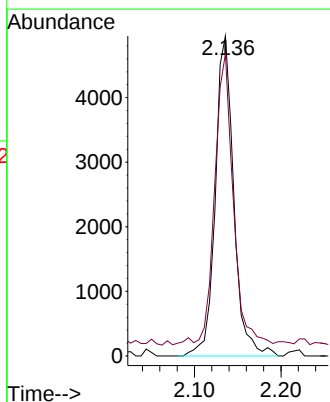
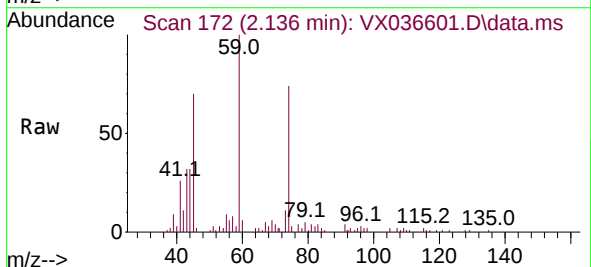
Manual Integrations
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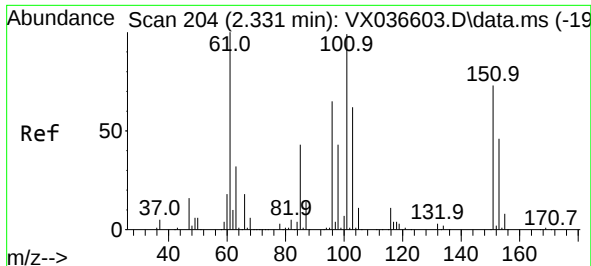
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023



#8
 Diethyl Ether
 Concen: 3.771 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX036601.D
 Acq: 21 Jul 2023 10:09

Tgt Ion: 74 Resp: 7334
 Ion Ratio Lower Upper
 74 100
 45 95.0 53.3 159.8





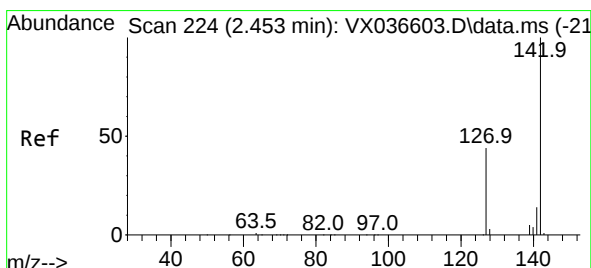
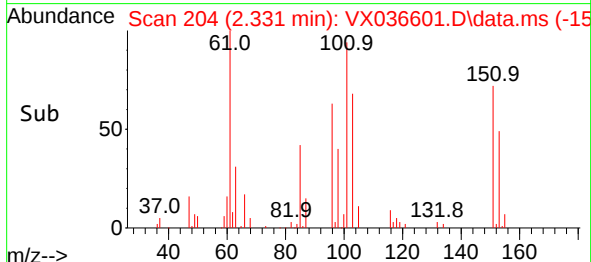
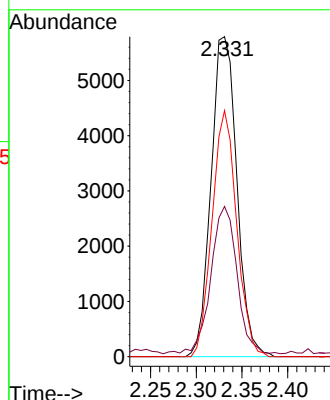
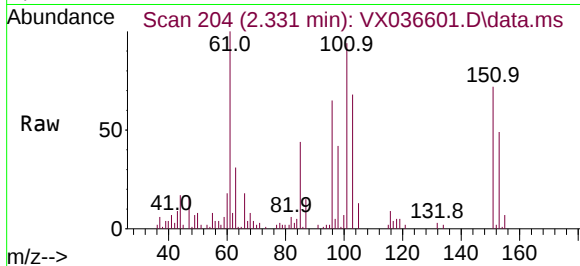
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.103 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 11378
Ion Ratio Lower Upper
101 100
85 46.6 37.0 55.6
151 73.3 58.6 87.8

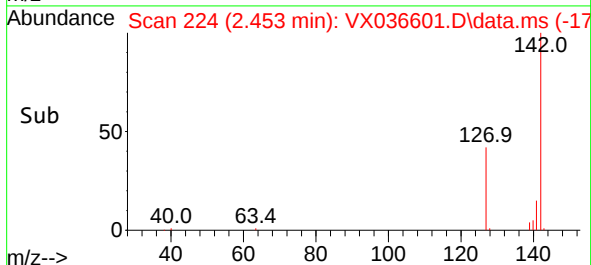
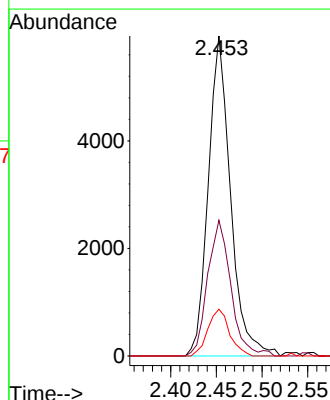
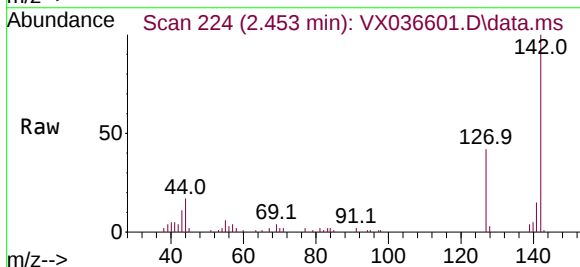
Manual Integrations
APPROVED

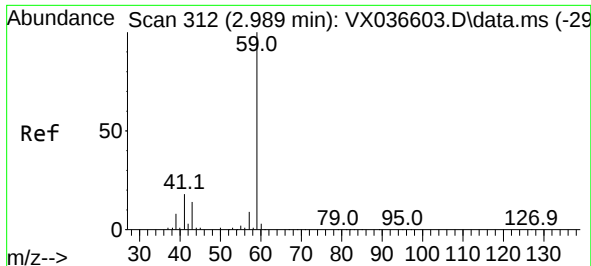
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#10
Methyl Iodide
Concen: 3.816 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

Tgt Ion:142 Resp: 10047
Ion Ratio Lower Upper
142 100
127 44.3 41.6 62.4
141 14.2 11.6 17.4





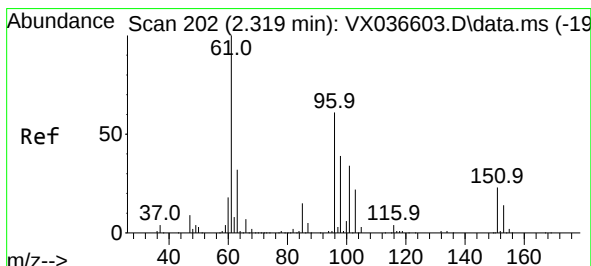
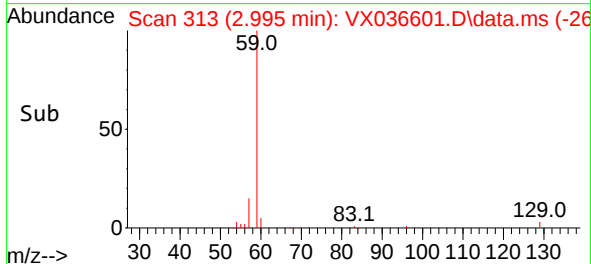
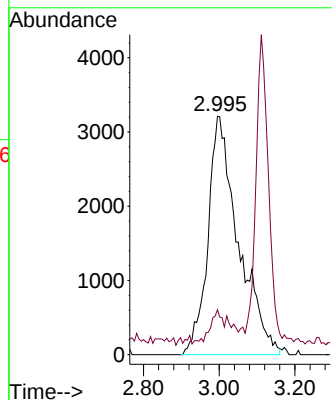
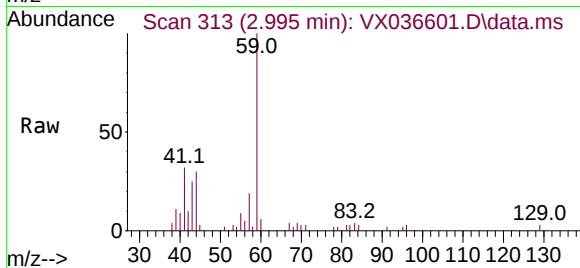
#11
Tert butyl alcohol
Concen: 32.920 ug/l m
RT: 2.995 min Scan# 312
Delta R.T. 0.006 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 1797
Ion Ratio Lower Upper
59 100
57 4.6 6.0 9.0

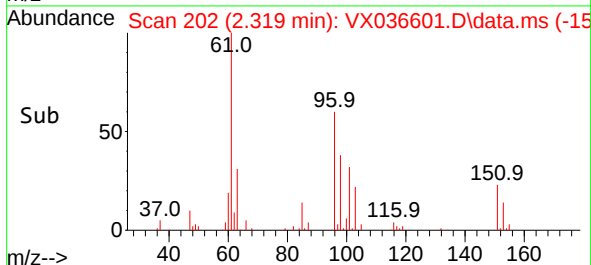
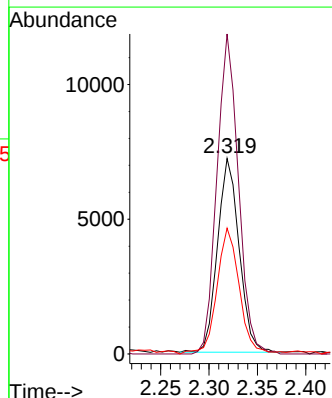
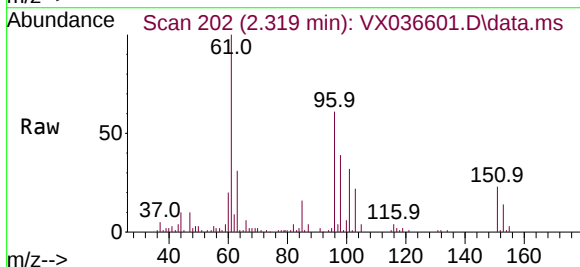
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#12
1,1-Dichloroethene
Concen: 5.050 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

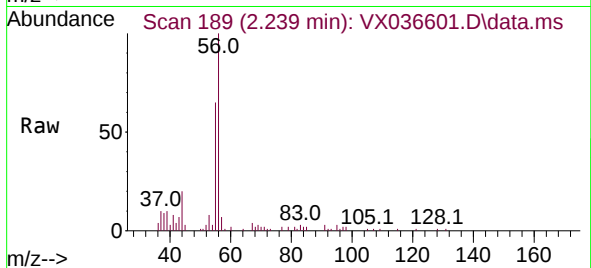
Tgt Ion: 96 Resp: 11169
Ion Ratio Lower Upper
96 100
61 165.1 144.6 216.8
98 64.9 50.4 75.6





#13
Acrolein
Concen: 16.990 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

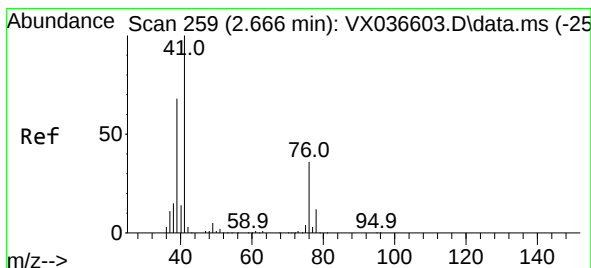
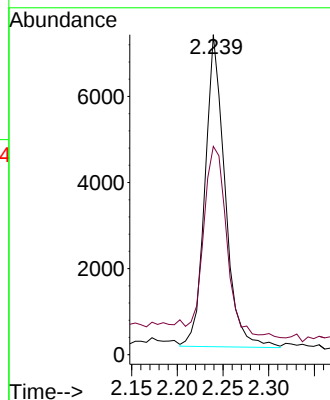
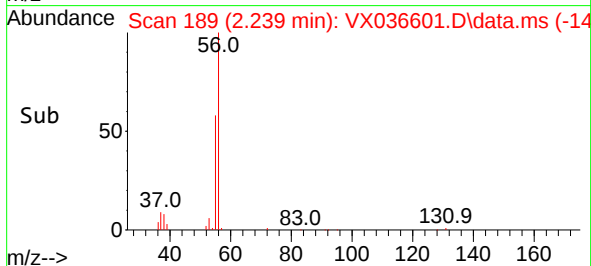
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 1097
Ion Ratio Lower Upper
56 100
55 71.7 57.1 85.7

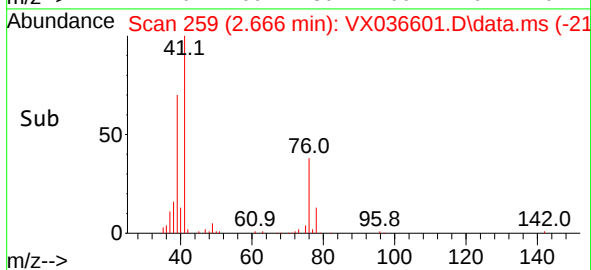
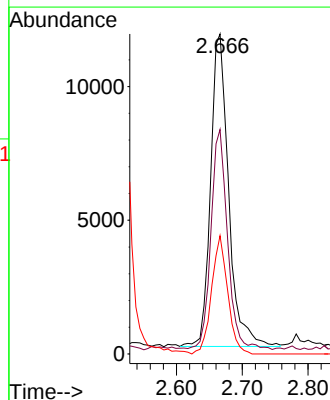
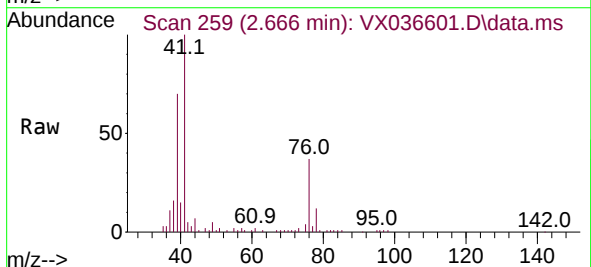
Manual Integrations
APPROVED

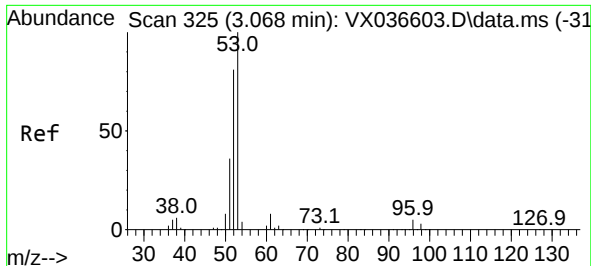
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#14
Allyl chloride
Concen: 6.007 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

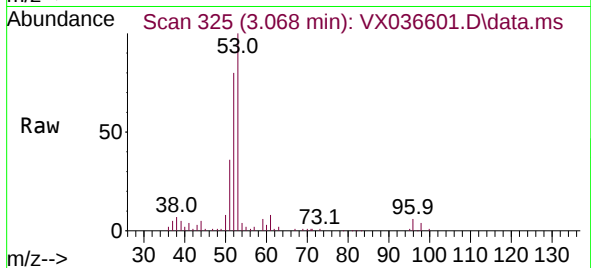
Tgt Ion: 41 Resp: 22287
Ion Ratio Lower Upper
41 100
39 65.1 55.8 83.6
76 33.8 24.3 36.5





#15
Acrylonitrile
Concen: 26.493 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

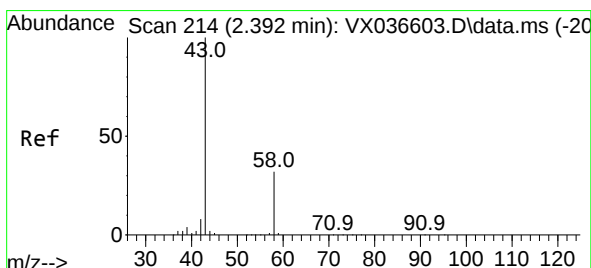
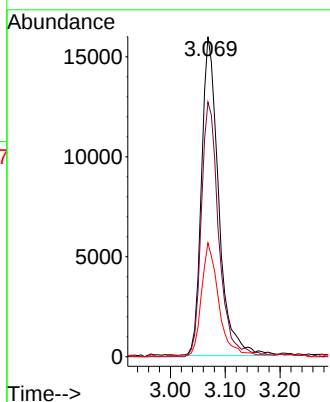
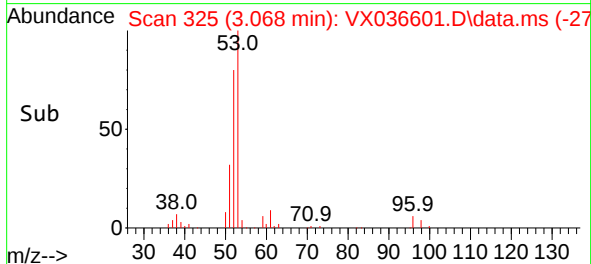
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 3472
Ion Ratio Lower Upper
53 100
52 82.4 66.0 99.0
51 37.0 29.8 44.6

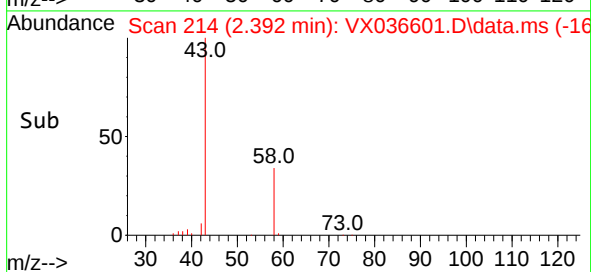
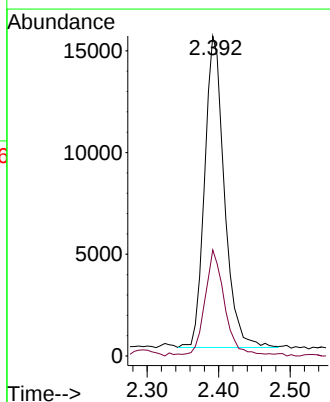
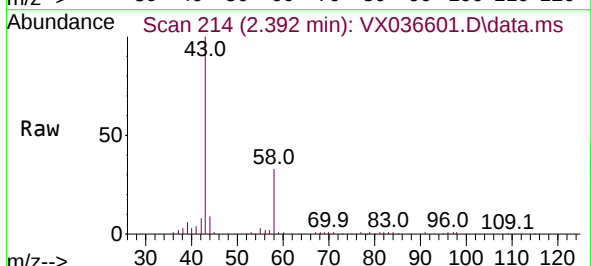
Manual Integrations
APPROVED

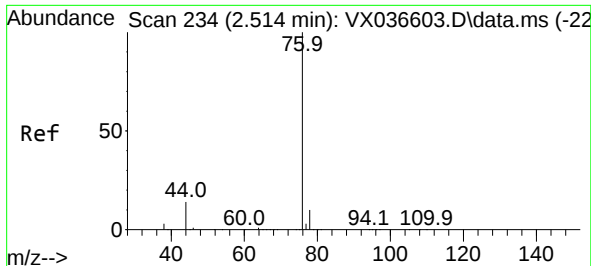
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#16
Acetone
Concen: 24.311 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

Tgt Ion: 43 Resp: 29351
Ion Ratio Lower Upper
43 100
58 33.5 21.9 32.9#





#17

Carbon Disulfide

Concen: 5.751 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX036601.D

Acq: 21 Jul 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 31944

Ion Ratio Lower Upper

76 100

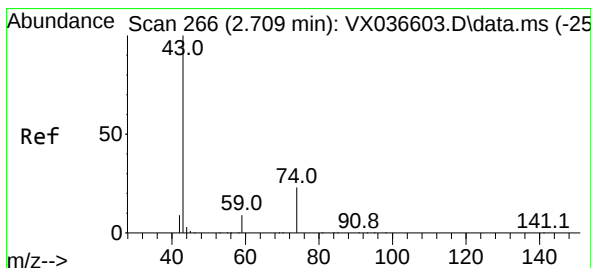
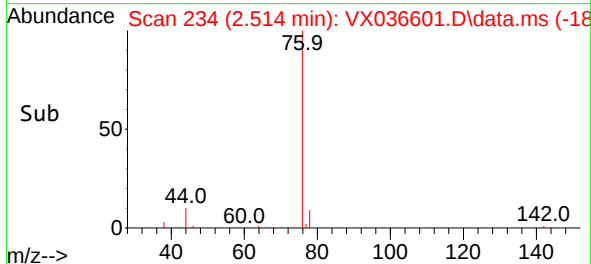
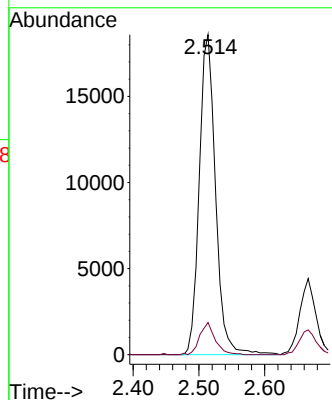
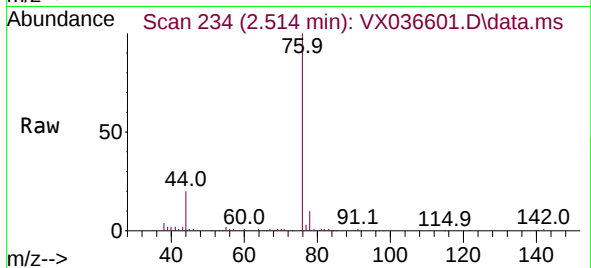
78 10.0 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#18

Methyl Acetate

Concen: 5.064 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX036601.D

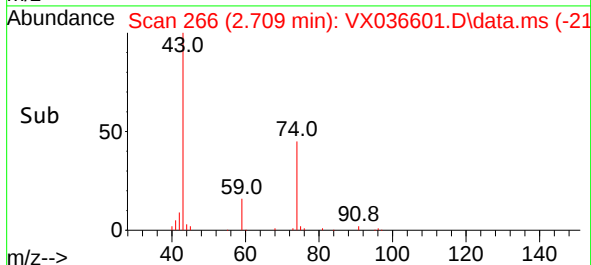
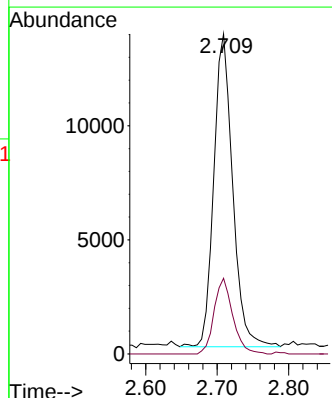
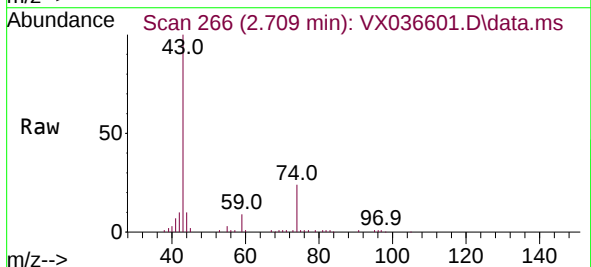
Acq: 21 Jul 2023 10:09

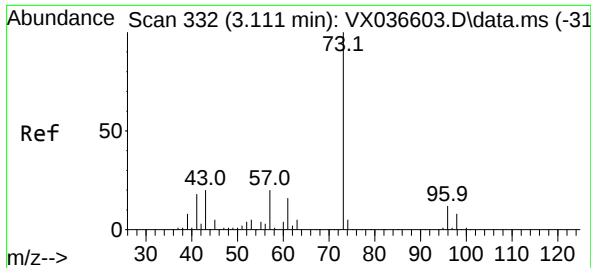
Tgt Ion: 43 Resp: 25141

Ion Ratio Lower Upper

43 100

74 23.9 17.8 26.8





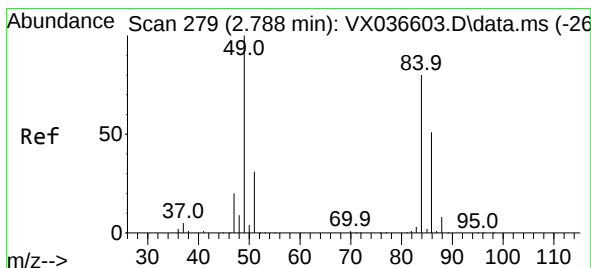
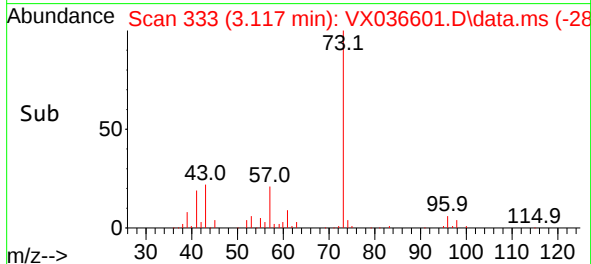
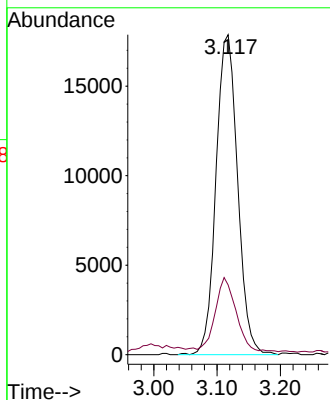
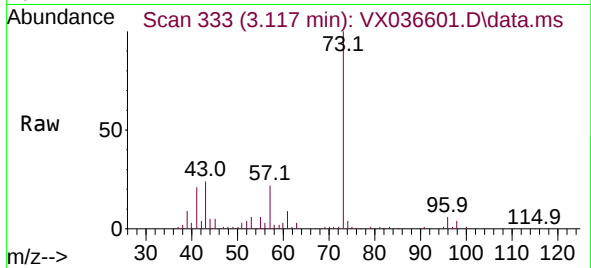
#19
Methyl tert-butyl Ether
Concen: 5.760 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 42280
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9

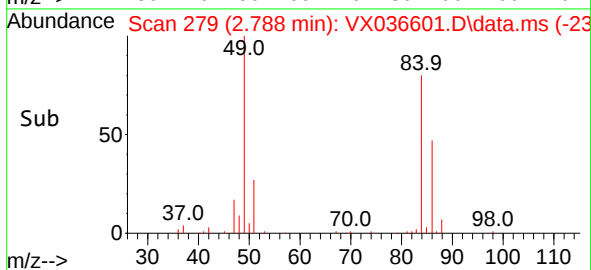
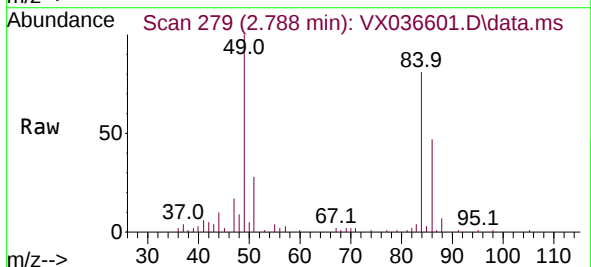
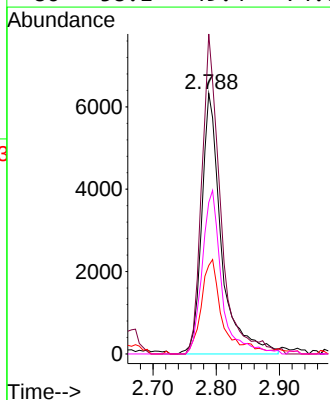
Manual Integrations
APPROVED

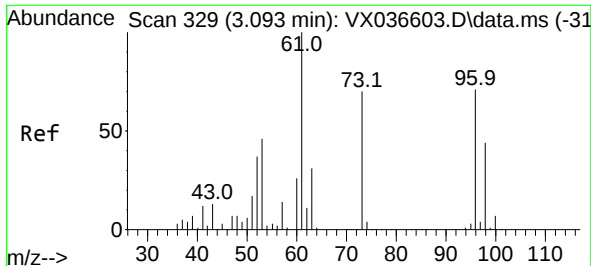
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#20
Methylene Chloride
Concen: 5.284 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

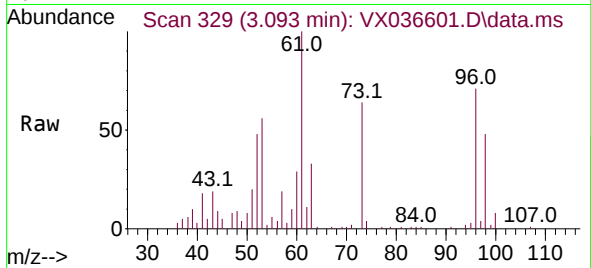
Tgt Ion: 84 Resp: 13682
Ion Ratio Lower Upper
84 100
49 122.8 103.6 155.4
51 33.9 33.8 50.6
86 58.1 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 5.272 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

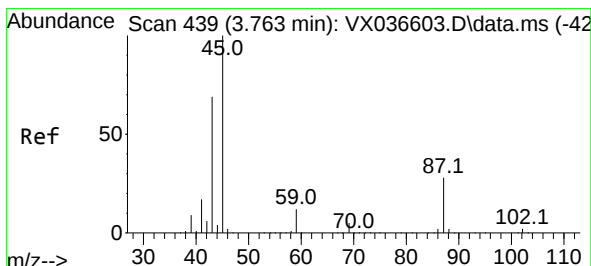
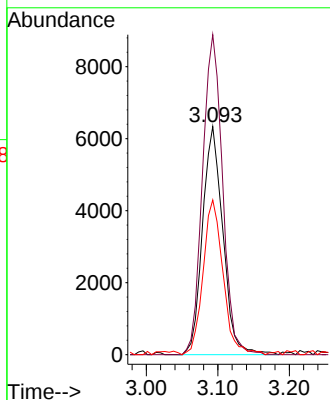
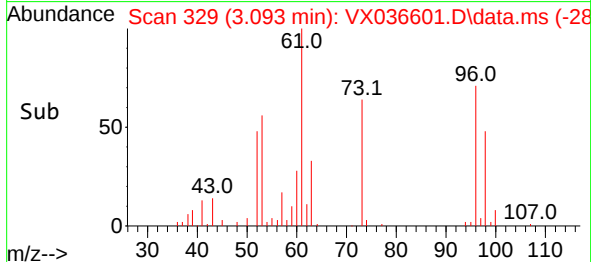
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 12580
Ion Ratio Lower Upper
96 100
61 140.2 119.2 178.8
98 66.9 48.7 73.1

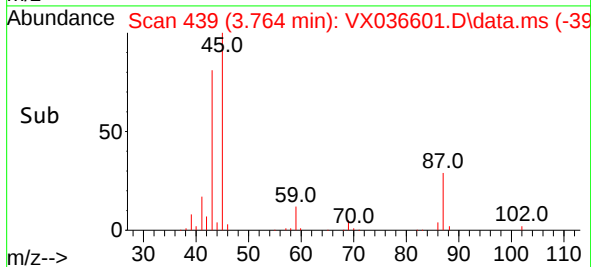
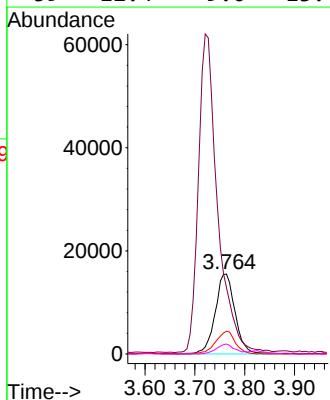
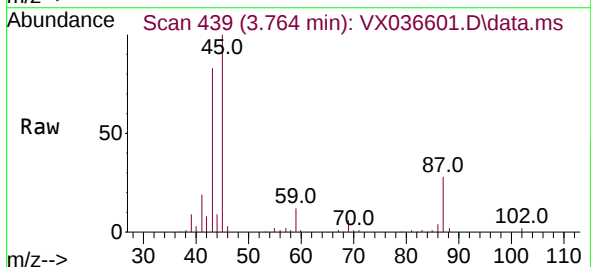
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#22
Diisopropyl ether
Concen: 5.814 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

Tgt Ion: 45 Resp: 42889
Ion Ratio Lower Upper
45 100
43 80.6 69.7 104.5
87 28.5 20.8 31.2
59 12.4 9.0 13.4





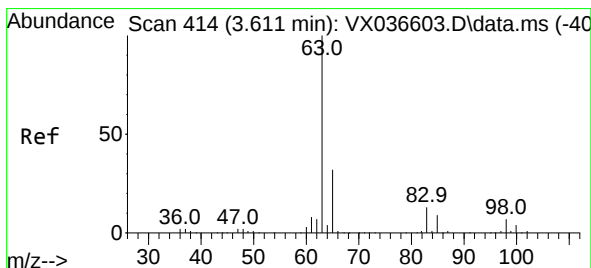
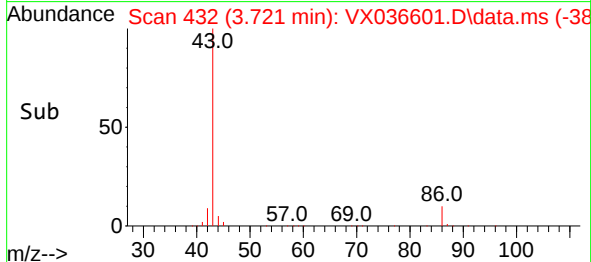
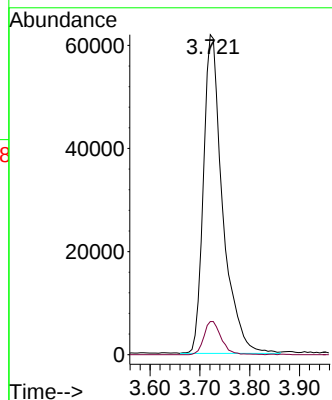
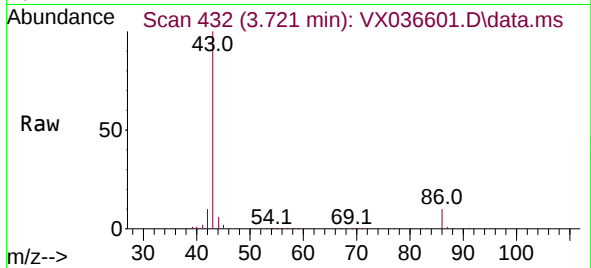
#23
Vinyl Acetate
Concen: 30.571 ug/l
RT: 3.721 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 16538
Ion Ratio Lower Upper
43 100
86 10.4 7.8 11.8

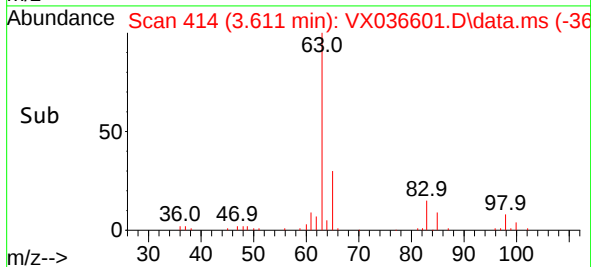
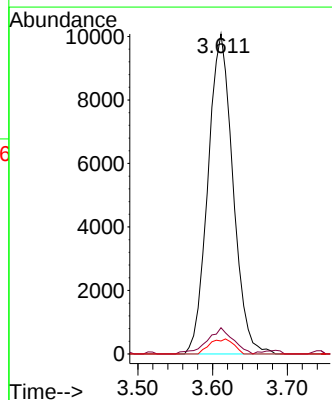
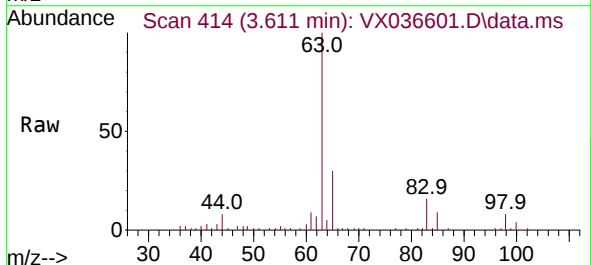
Manual Integrations
APPROVED

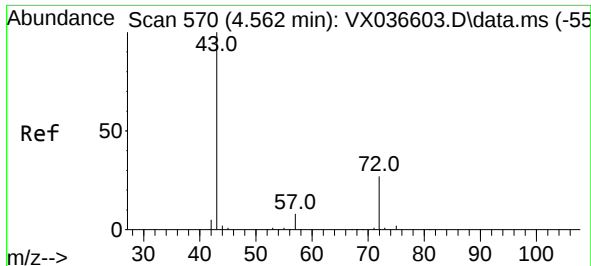
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#24
1,1-Dichloroethane
Concen: 5.427 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

Tgt Ion: 63 Resp: 23432
Ion Ratio Lower Upper
63 100
98 7.6 3.3 9.8
100 4.0 2.1 6.5





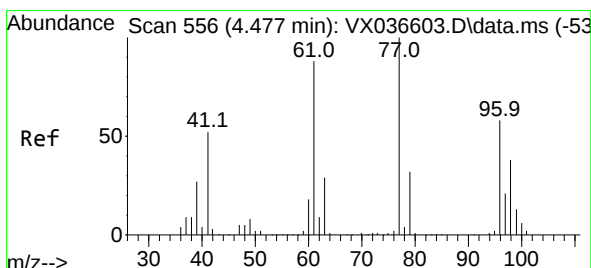
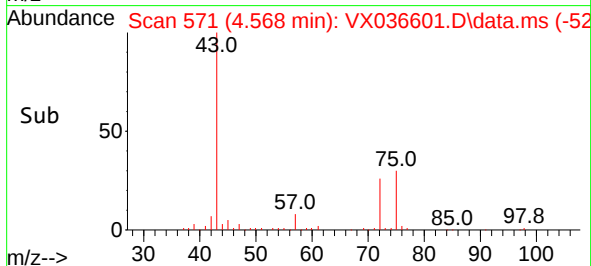
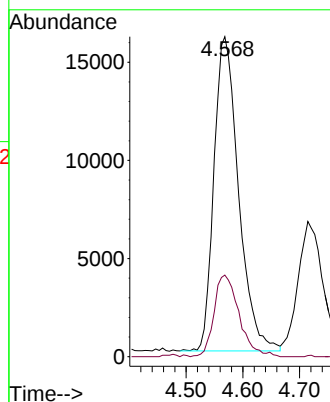
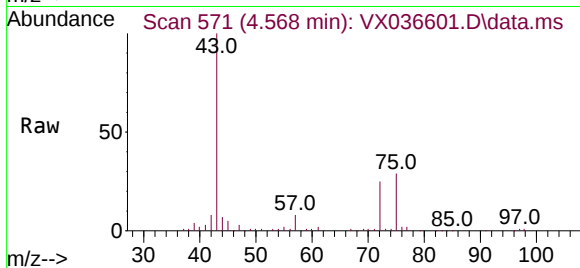
#25
2-Butanone
Concen: 27.379 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 48300
Ion Ratio Lower Upper
43 100
72 25.9 19.4 29.2

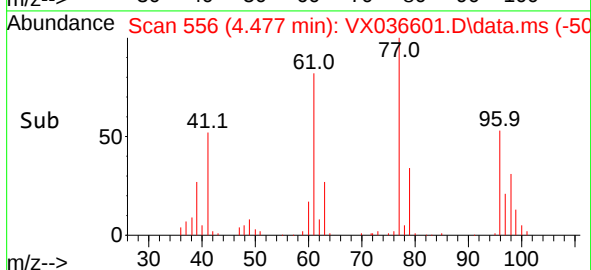
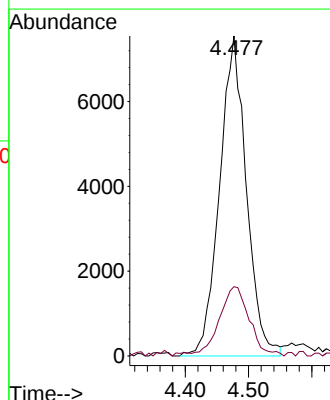
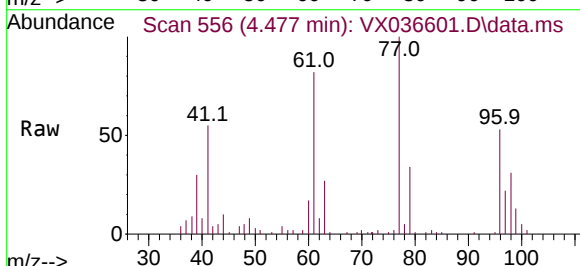
Manual Integrations
APPROVED

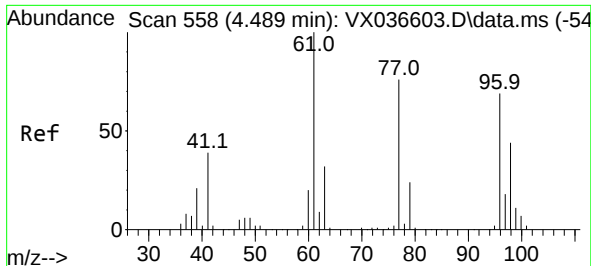
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#26
2,2-Dichloropropane
Concen: 6.878 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

Tgt Ion: 77 Resp: 22202
Ion Ratio Lower Upper
77 100
97 24.7 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 5.393 ug/l
 RT: 4.495 min Scan# 558
 Delta R.T. 0.006 min
 Lab File: VX036601.D
 Acq: 21 Jul 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

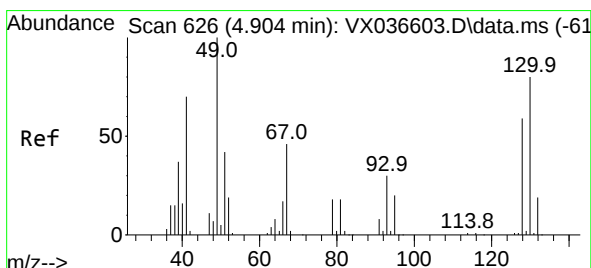
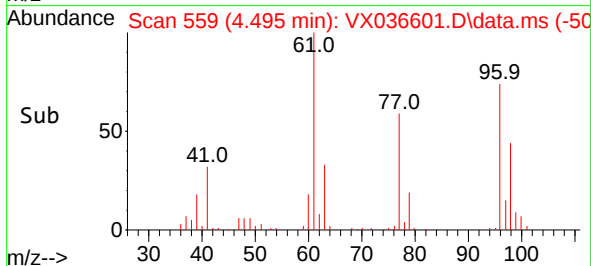
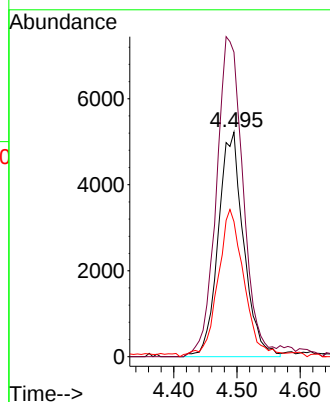
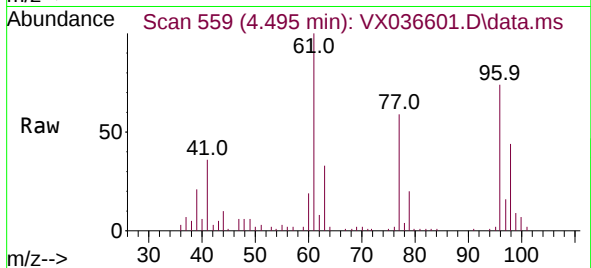
Tgt Ion: 96 Resp: 1453
 Ion Ratio Lower Upper
 96 100
 61 150.0 0.0 312.2
 98 67.4 0.0 129.0

Manual Integrations

APPROVED

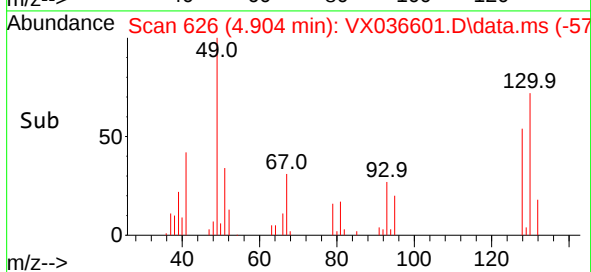
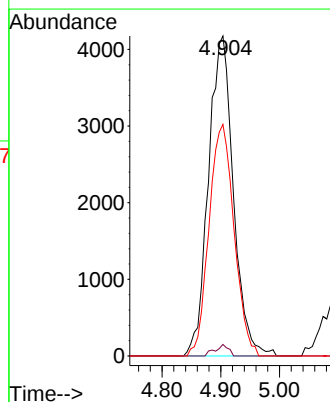
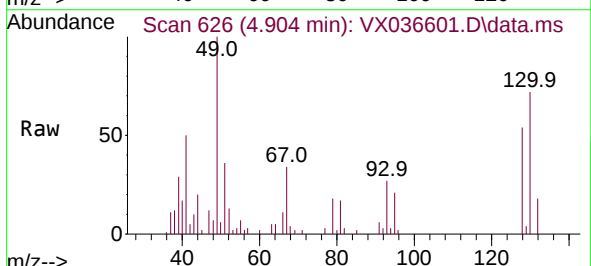
Reviewed By :John Carlone 07/24/2023

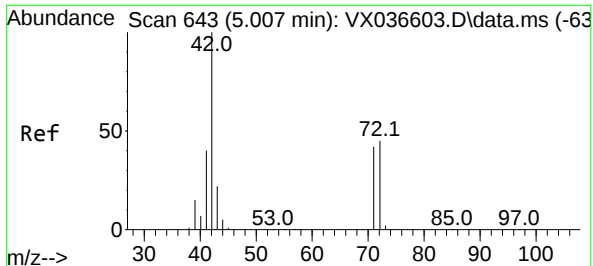
Supervised By :Mahesh Dadoda 07/24/2023



#28
 Bromochloromethane
 Concen: 5.498 ug/l
 RT: 4.904 min Scan# 626
 Delta R.T. 0.000 min
 Lab File: VX036601.D
 Acq: 21 Jul 2023 10:09

Tgt Ion: 49 Resp: 12320
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 72.7 57.5 86.3





#29

Tetrahydrofuran

Concen: 27.830 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX036601.D

Acq: 21 Jul 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

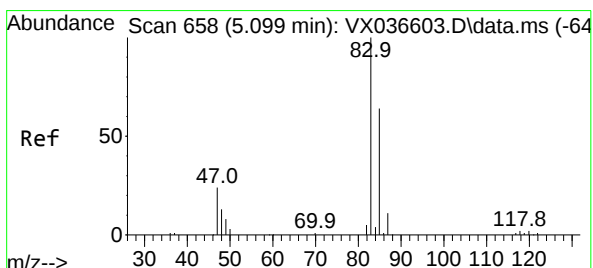
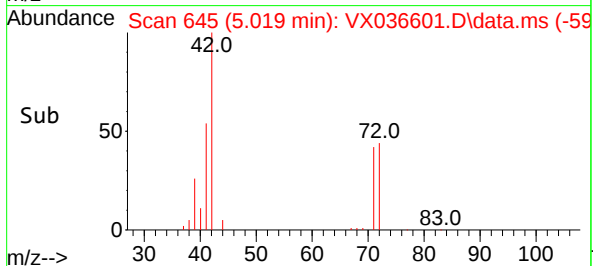
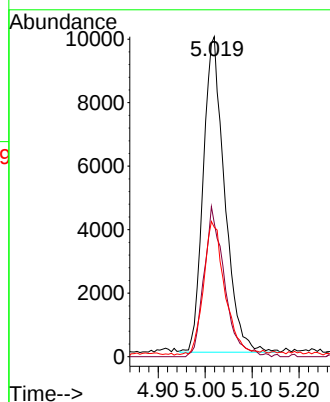
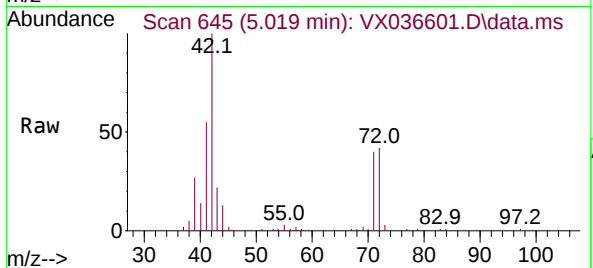
Tgt Ion:	42	Resp:	31414
Ion Ratio	Lower	Upper	
42	100		
72	45.5	34.2	51.4
71	41.8	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#30

Chloroform

Concen: 5.438 ug/l

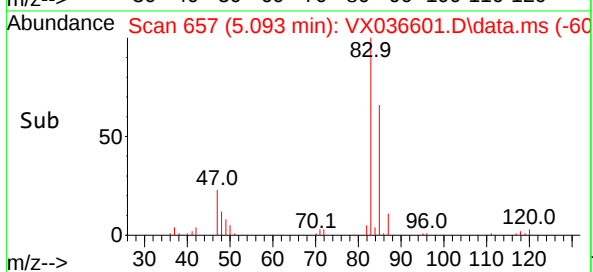
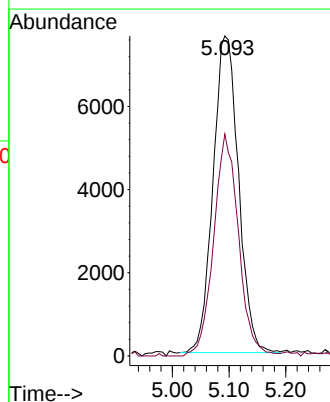
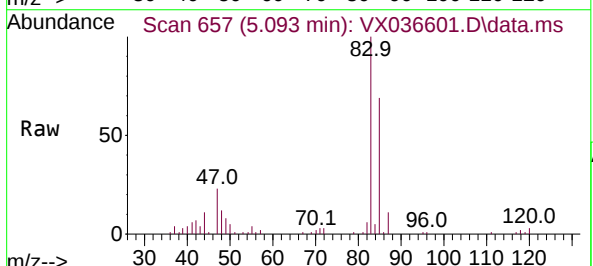
RT: 5.093 min Scan# 657

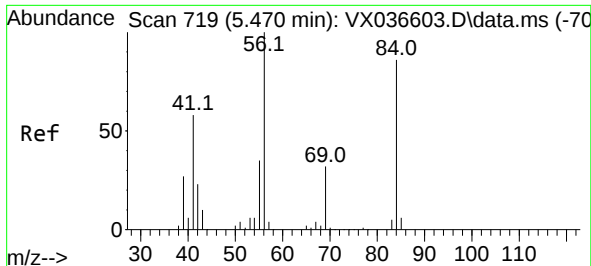
Delta R.T. -0.006 min

Lab File: VX036601.D

Acq: 21 Jul 2023 10:09

Tgt Ion:	83	Resp:	23702
Ion Ratio	Lower	Upper	
83	100		
85	70.1	50.3	75.5





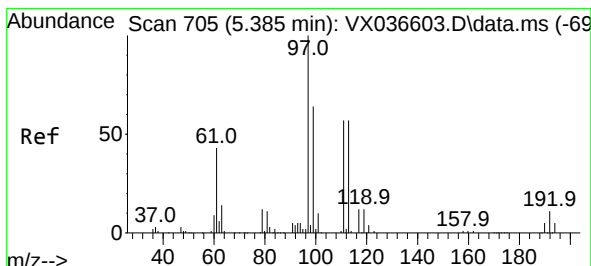
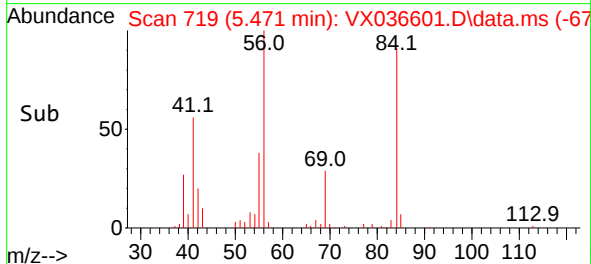
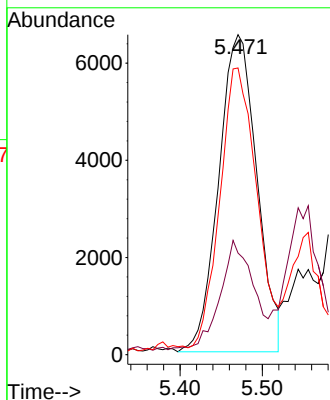
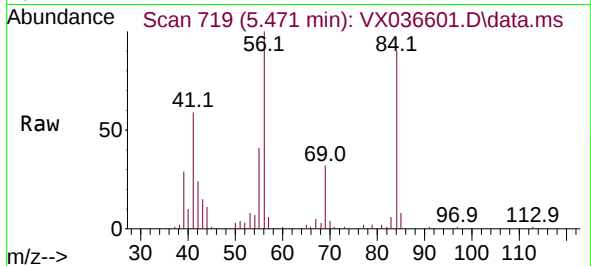
#31
Cyclohexane
Concen: 5.727 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 2105
Ion Ratio Lower Upper
56 100
69 29.9 23.4 35.2
84 87.9 65.9 98.9

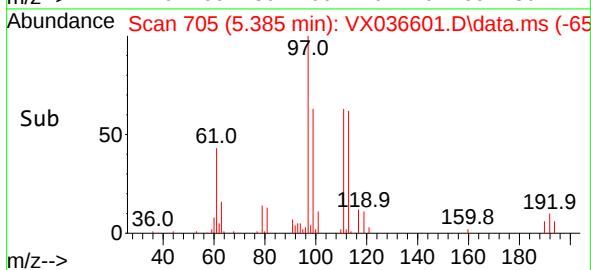
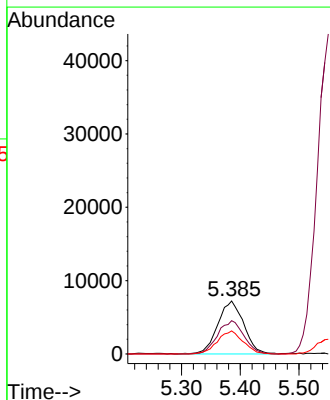
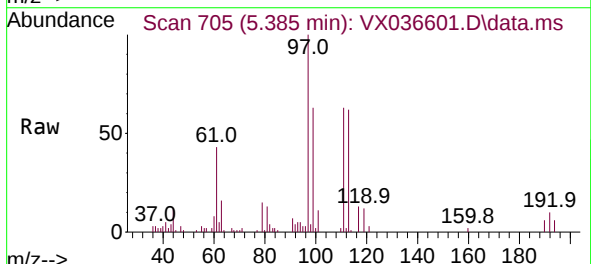
Manual Integrations
APPROVED

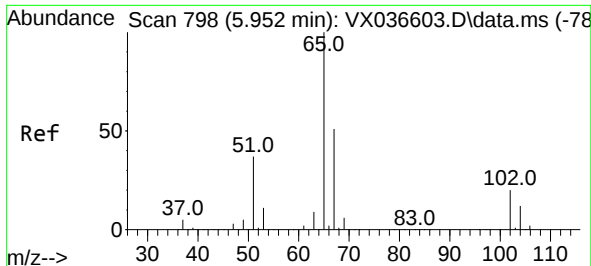
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#32
1,1,1-Trichloroethane
Concen: 6.020 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

Tgt Ion: 97 Resp: 22246
Ion Ratio Lower Upper
97 100
99 63.4 51.1 76.7
61 42.6 36.4 54.6





#33
1,2-Dichloroethane-d4
Concen: 6.145 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.012 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

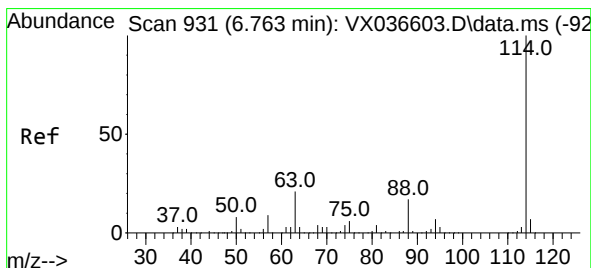
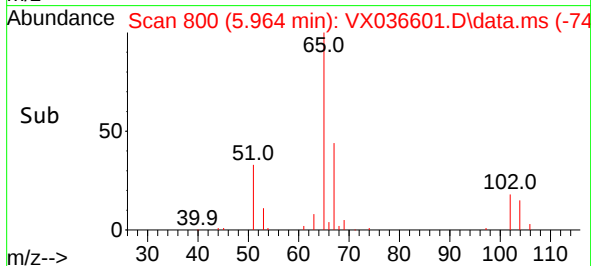
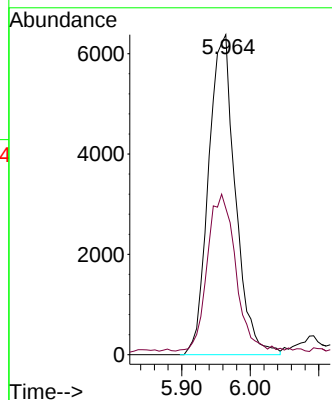
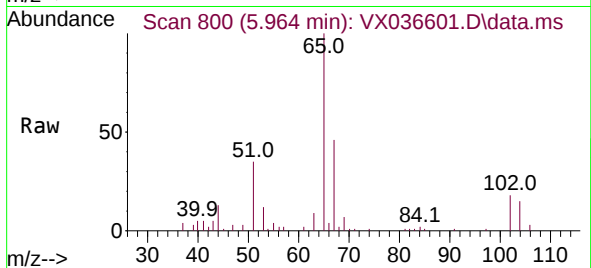
VSTDIC005

Tgt Ion: 65 Resp: 17330
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2

Manual Integrations

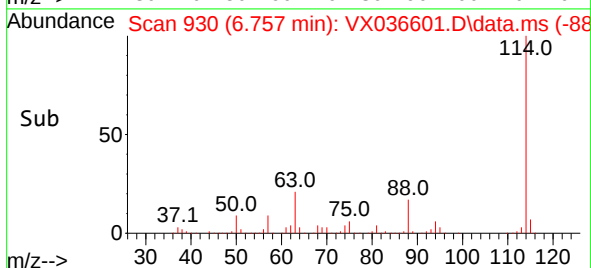
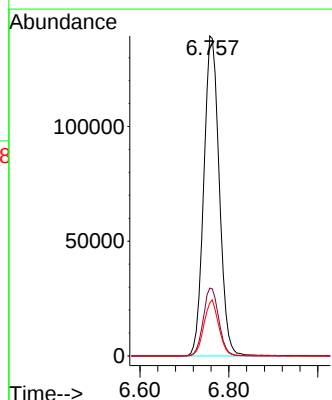
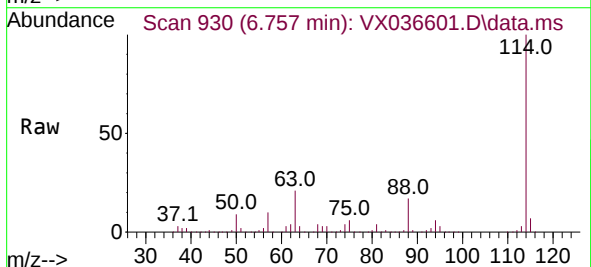
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

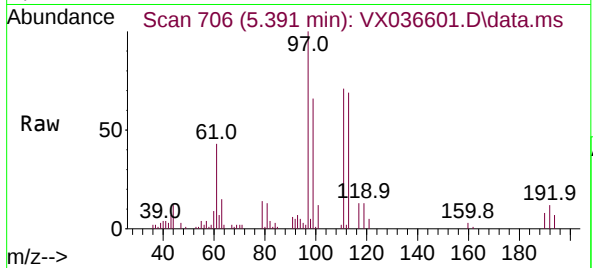
Tgt Ion:114 Resp: 338672
Ion Ratio Lower Upper
114 100
63 21.2 0.0 45.0
88 16.6 0.0 36.6





#35
Dibromofluoromethane
Concen: 6.031 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

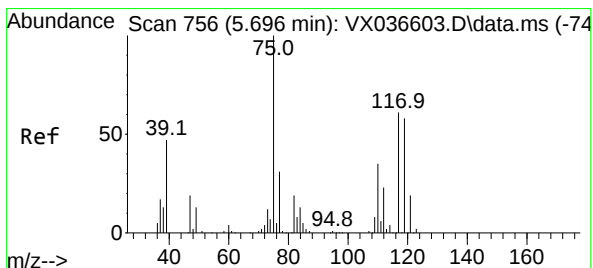
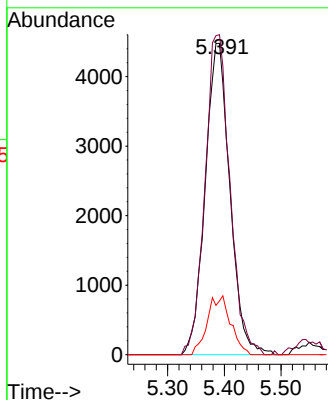
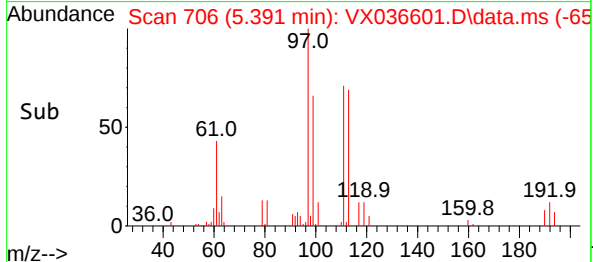
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:113 Resp: 13554
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 17.8 13.3 19.9

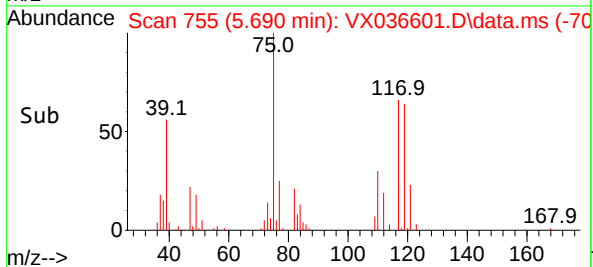
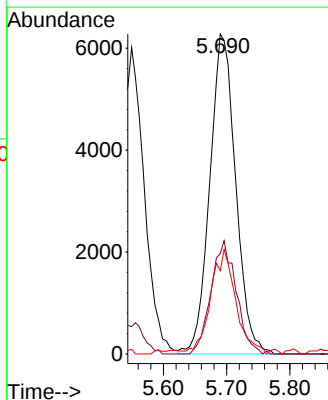
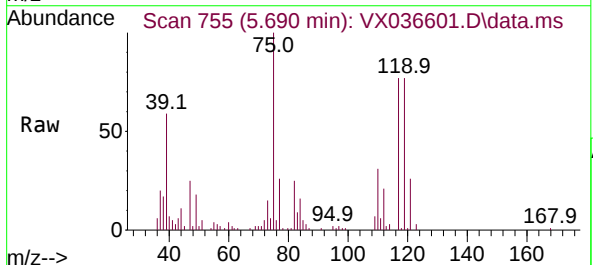
Manual Integrations
APPROVED

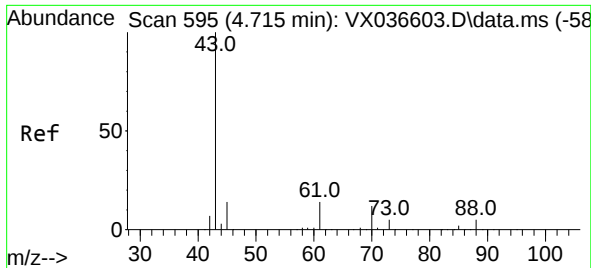
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#36
1,1-Dichloropropene
Concen: 5.315 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

Tgt Ion: 75 Resp: 17854
Ion Ratio Lower Upper
75 100
110 34.5 17.0 50.9
77 31.7 24.7 37.1





#37

Ethyl Acetate

Concen: 5.726 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX036601.D

Acq: 21 Jul 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

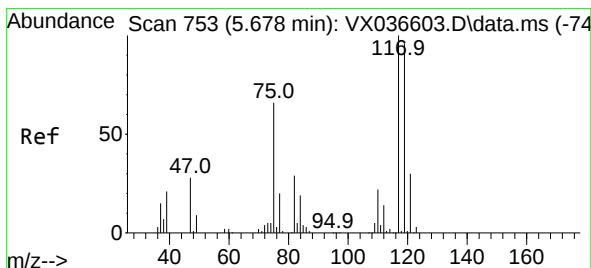
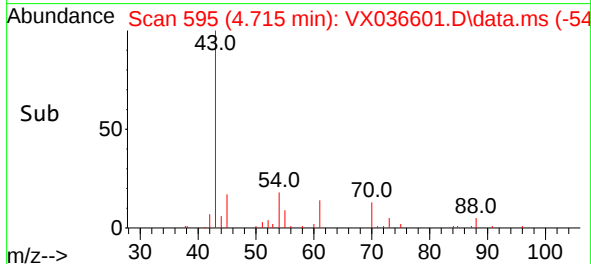
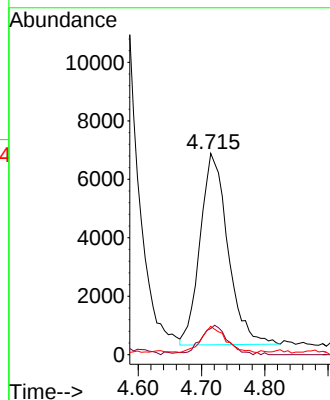
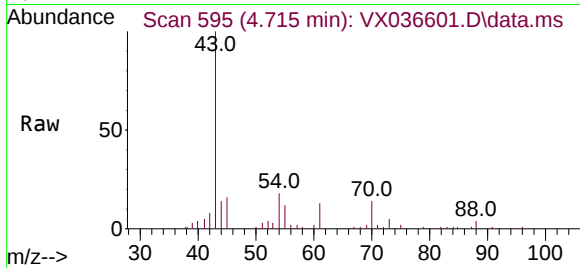
Tgt Ion: 43	Resp: 2001
Ion Ratio	Lower Upper
43	100
61	14.8 10.6 16.0
70	12.7 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#38

Carbon Tetrachloride

Concen: 5.874 ug/l

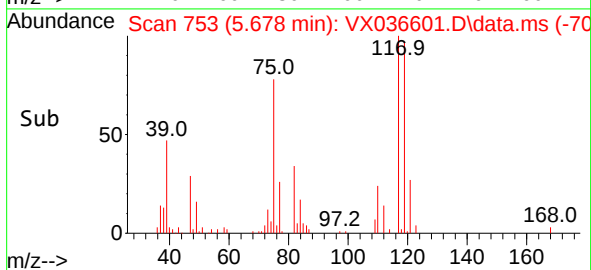
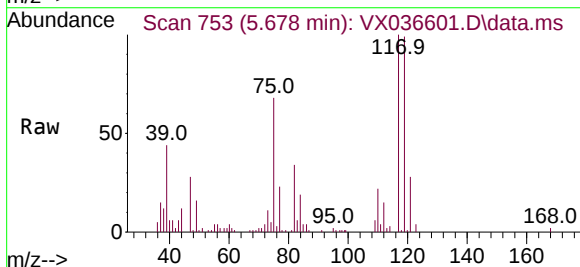
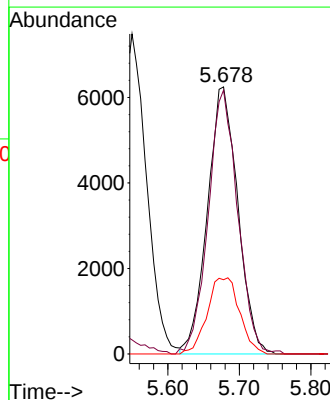
RT: 5.678 min Scan# 753

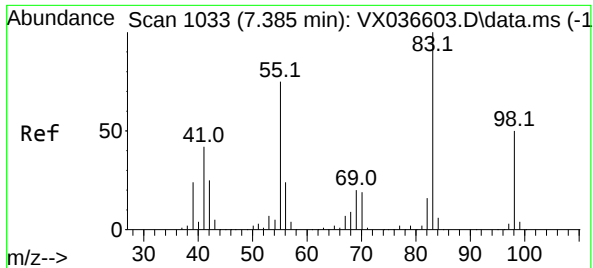
Delta R.T. 0.000 min

Lab File: VX036601.D

Acq: 21 Jul 2023 10:09

Tgt Ion: 117	Resp: 18439
Ion Ratio	Lower Upper
117	100
119	97.6 78.2 117.2
121	27.8 24.4 36.6





#39

Methylcyclohexane

Concen: 5.441 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX036601.D

Acq: 21 Jul 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 21934

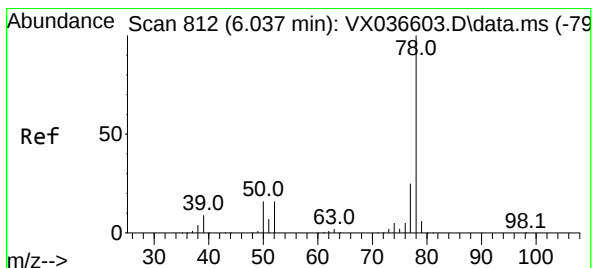
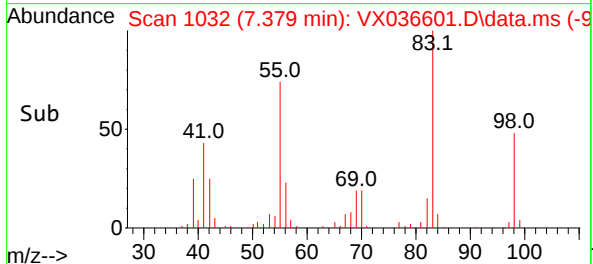
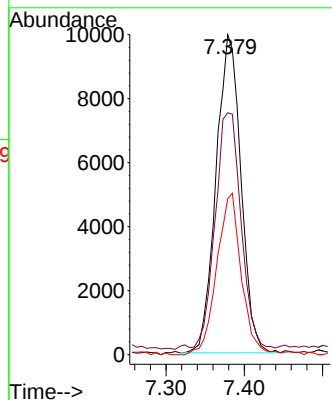
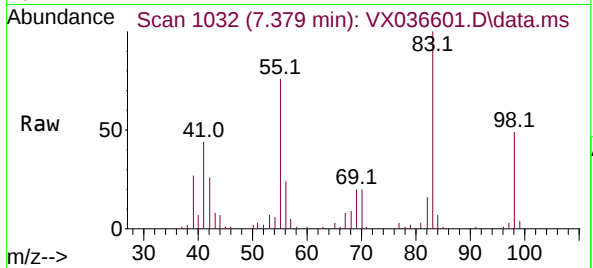
Ion	Ratio	Lower	Upper
83	100		
55	73.4	64.6	97.0
98	49.0	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#40

Benzene

Concen: 5.561 ug/l

RT: 6.037 min Scan# 812

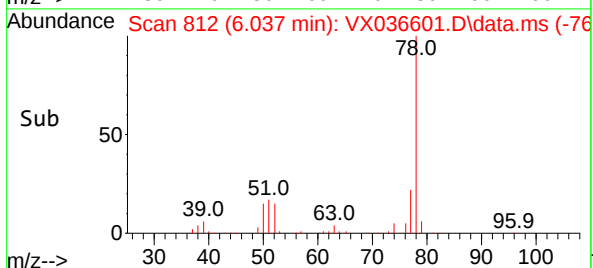
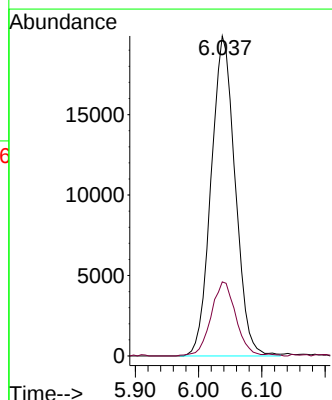
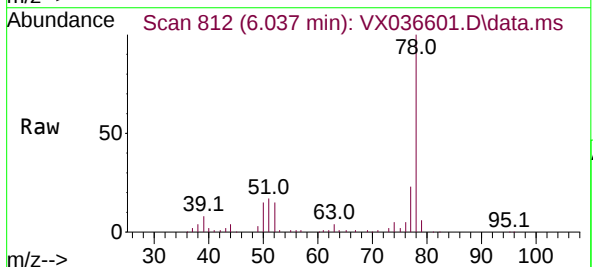
Delta R.T. 0.000 min

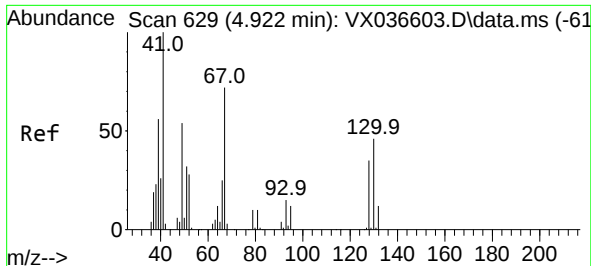
Lab File: VX036601.D

Acq: 21 Jul 2023 10:09

Tgt Ion: 78 Resp: 52512

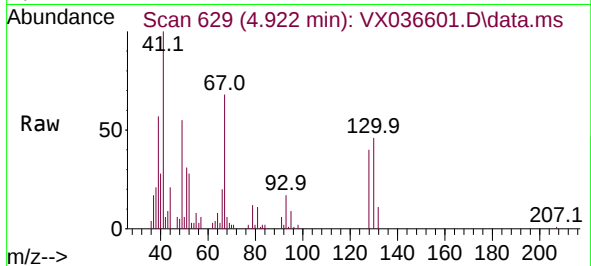
Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.3	28.9





#41
Methacrylonitrile
Concen: 5.524 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

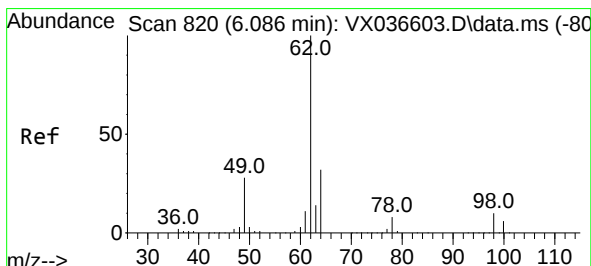
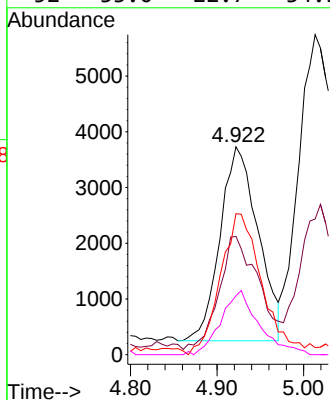
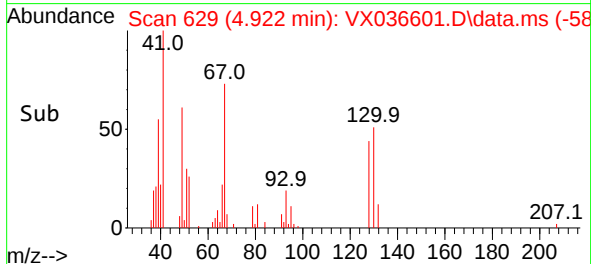
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 41 Resp: 10638
Ion Ratio Lower Upper
41 100
39 61.9 45.2 67.8
67 80.1 52.6 78.8
52 33.0 22.7 34.1

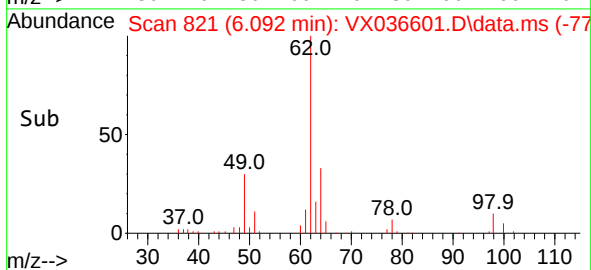
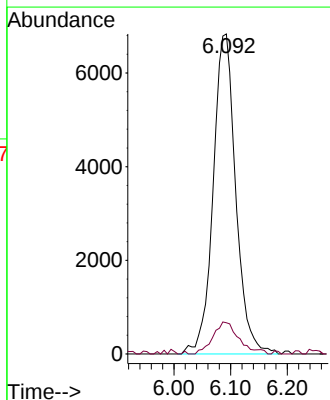
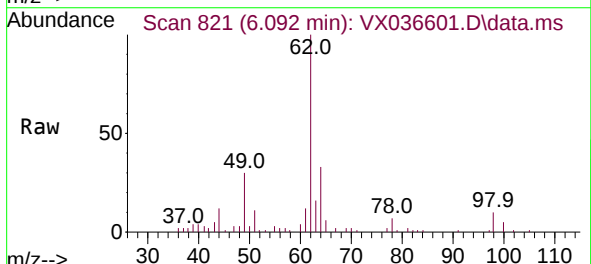
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#42
1,2-Dichloroethane
Concen: 5.313 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

Tgt Ion: 62 Resp: 18958
Ion Ratio Lower Upper
62 100
98 11.4 0.0 16.0





#43

Isopropyl Acetate

Concen: 6.073 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX036601.D

Acq: 21 Jul 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

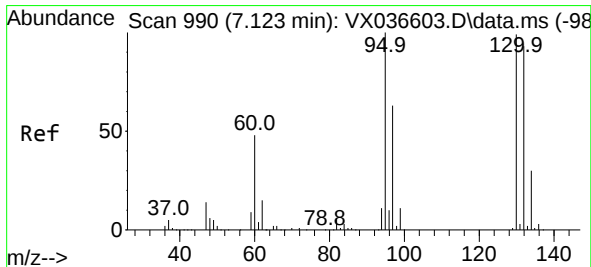
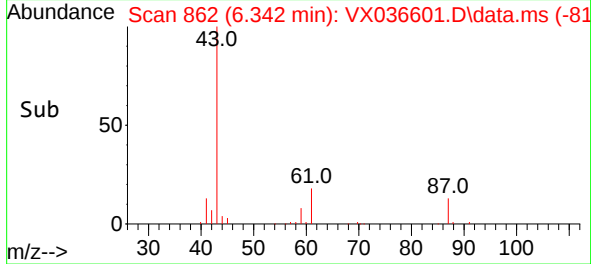
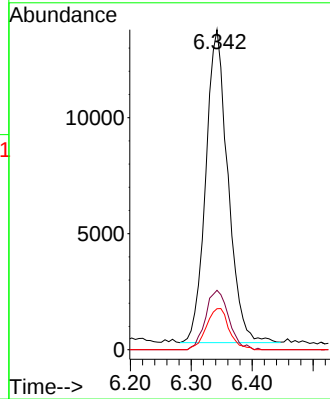
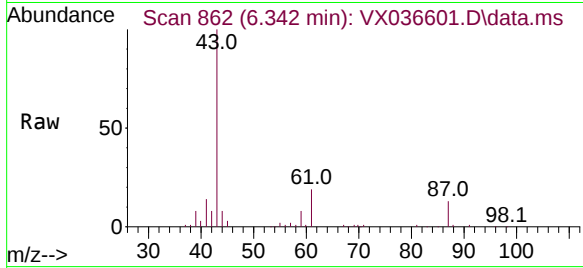
Tgt Ion:	43	Resp:	3418
Ion Ratio	Lower	Upper	
43	100		
61	19.8	15.2	22.8
87	13.5	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#44

Trichloroethene

Concen: 5.233 ug/l

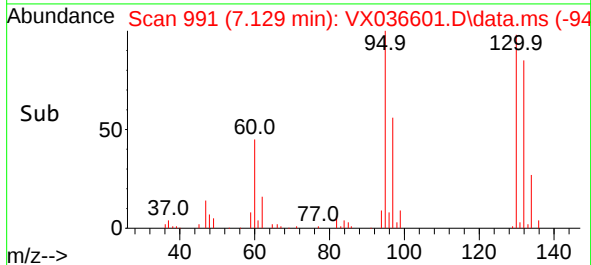
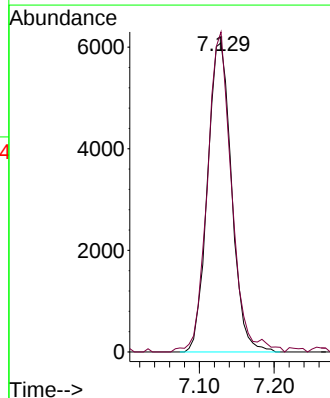
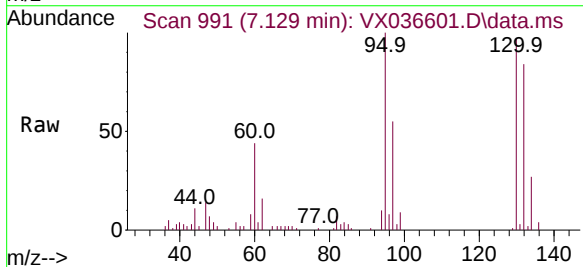
RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX036601.D

Acq: 21 Jul 2023 10:09

Tgt Ion:	130	Resp:	13625
Ion Ratio	Lower	Upper	
130	100		
95	102.2	0.0	204.4





#45

1,2-Dichloropropane

Concen: 5.372 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX036601.D

Acq: 21 Jul 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 1374

Ion Ratio Lower Upper

63 100

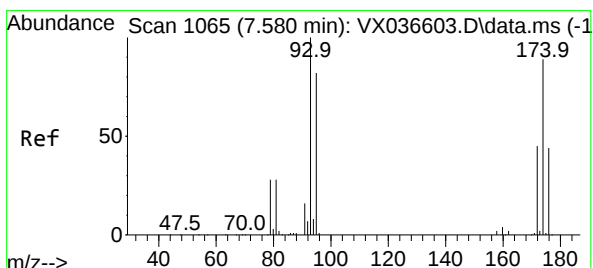
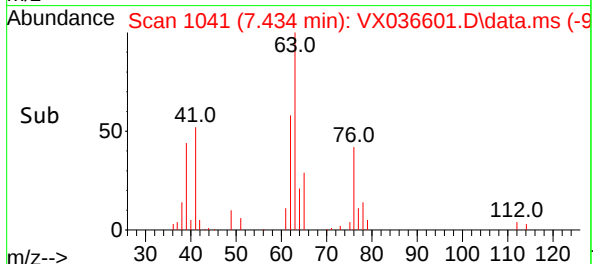
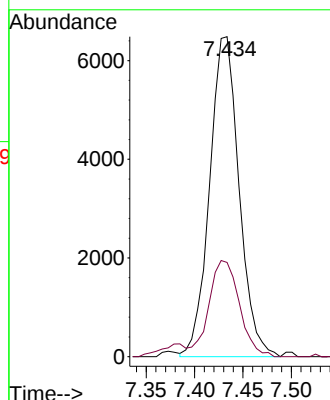
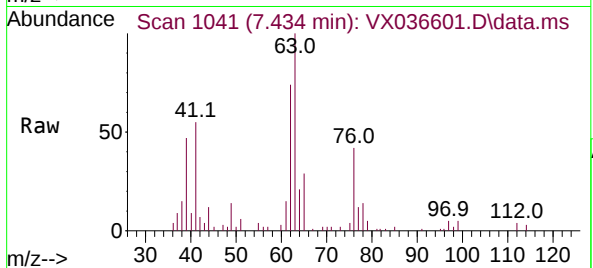
65 29.5 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#46

Dibromomethane

Concen: 5.381 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX036601.D

Acq: 21 Jul 2023 10:09

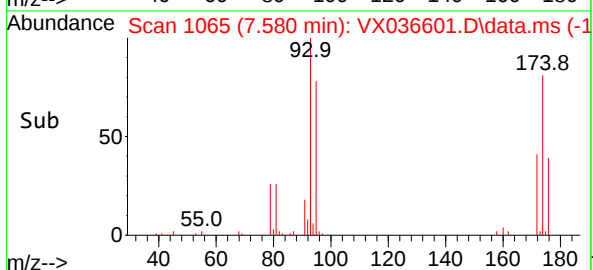
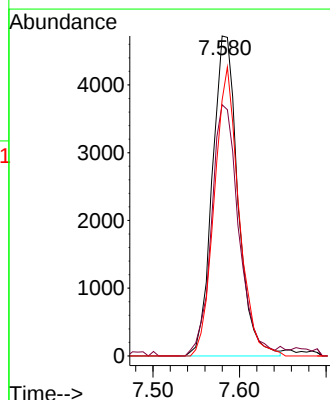
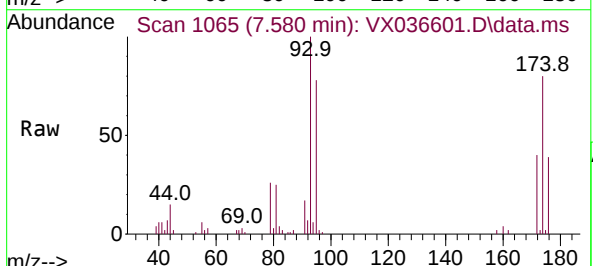
Tgt Ion: 93 Resp: 9707

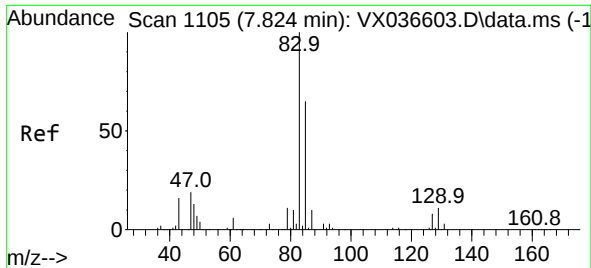
Ion Ratio Lower Upper

93 100

95 83.6 66.6 100.0

174 86.7 69.4 104.0





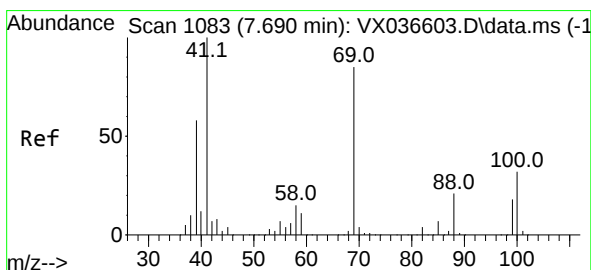
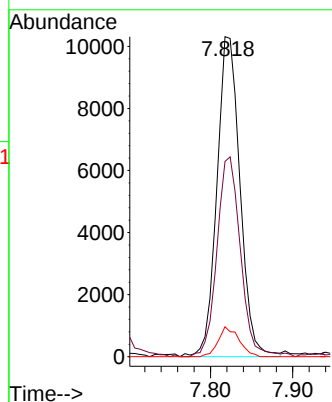
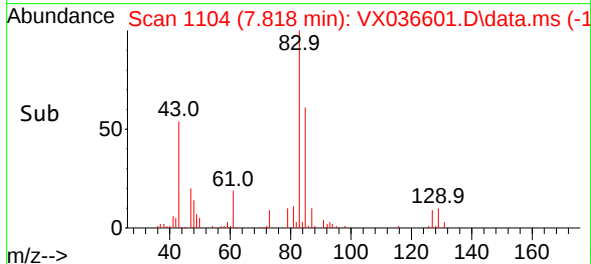
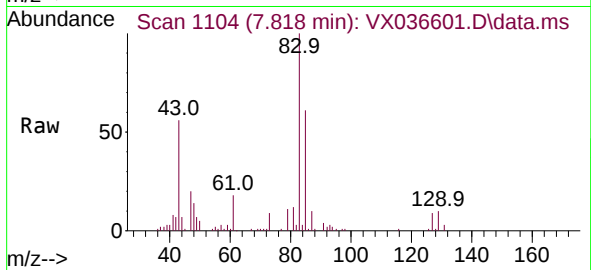
#47
Bromodichloromethane
Concen: 6.068 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 2012
Ion Ratio Lower Upper
83 100
85 61.0 49.8 74.6
127 9.4 7.1 10.7

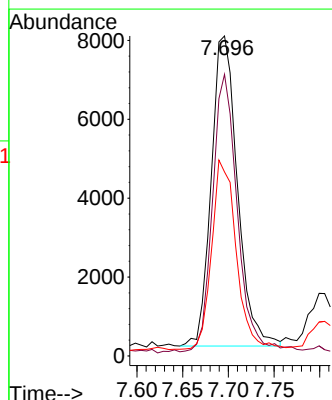
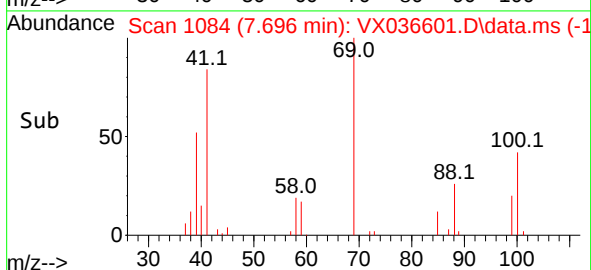
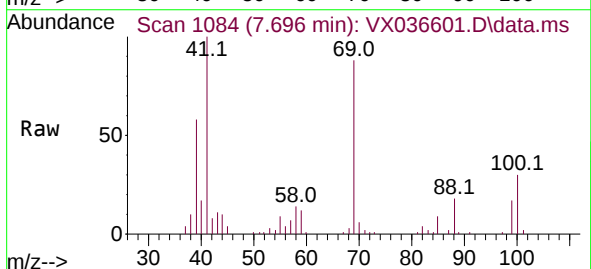
Manual Integrations
APPROVED

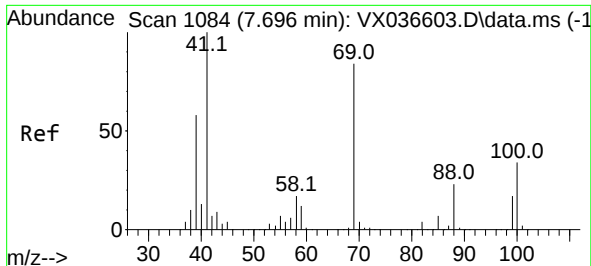
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#48
Methyl methacrylate
Concen: 5.641 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

Tgt Ion: 41 Resp: 15679
Ion Ratio Lower Upper
41 100
69 85.0 59.2 88.8
39 57.1 47.7 71.5





#49

1,4-Dioxane

Concen: 109.518 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. 0.006 min

Lab File: VX036601.D

Acq: 21 Jul 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

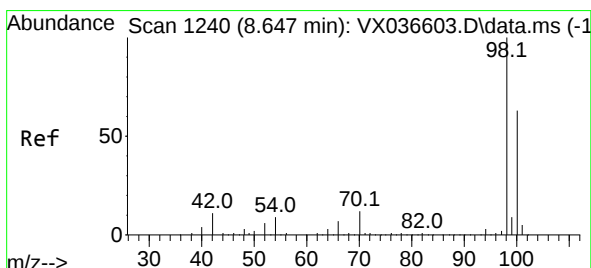
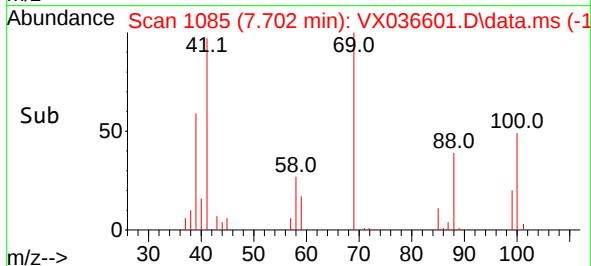
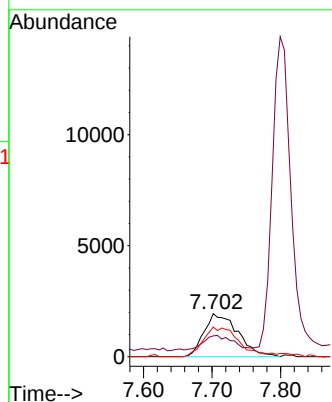
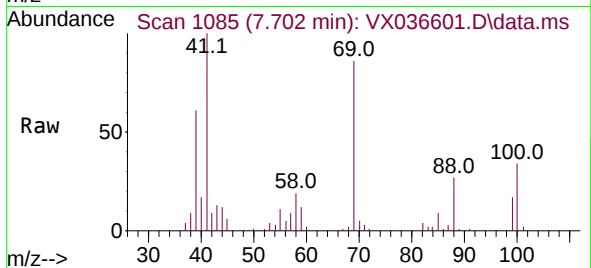
Tgt Ion: 88 Resp: 6628
 Ion Ratio Lower Upper
 88 100
 43 28.6 0.0 0.0
 58 70.9 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#50

Toluene-d8

Concen: 5.648 ug/l

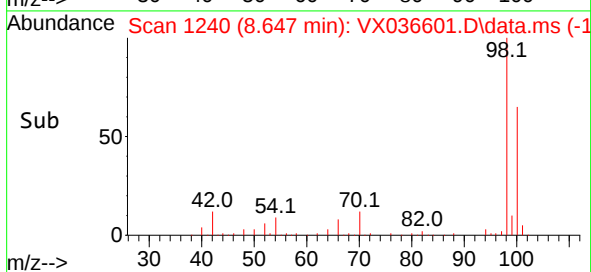
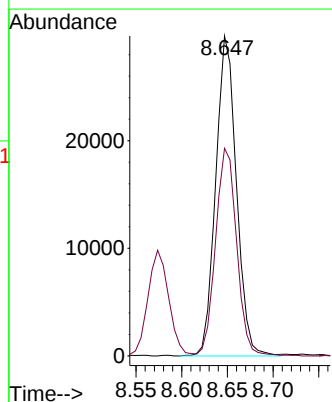
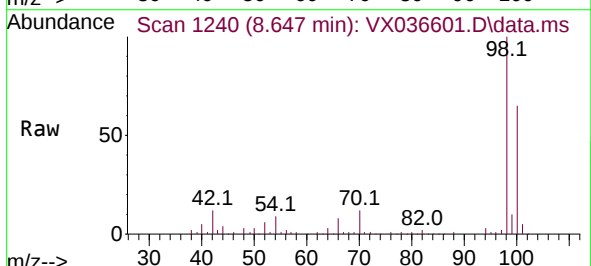
RT: 8.647 min Scan# 1240

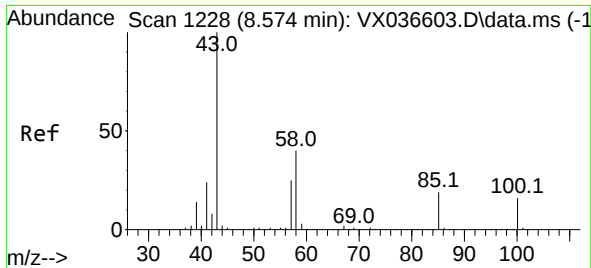
Delta R.T. 0.000 min

Lab File: VX036601.D

Acq: 21 Jul 2023 10:09

Tgt Ion: 98 Resp: 46960
 Ion Ratio Lower Upper
 98 100
 100 66.0 53.1 79.7





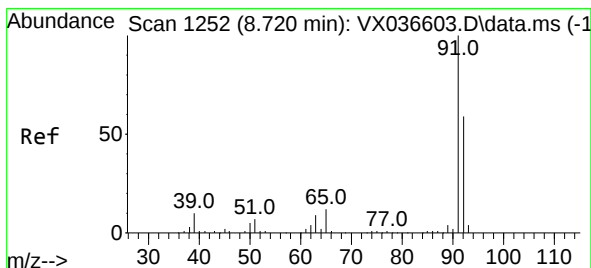
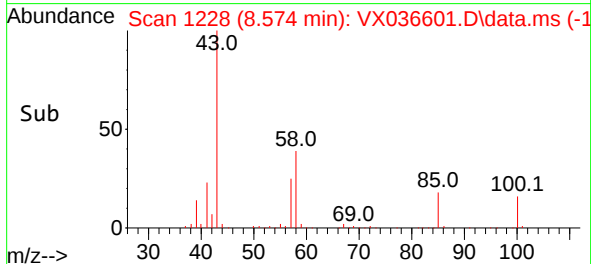
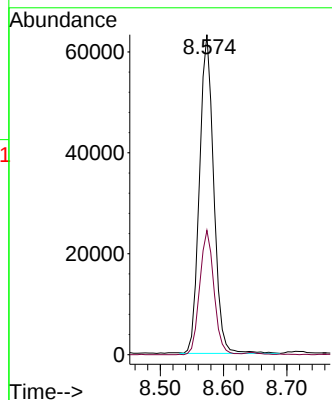
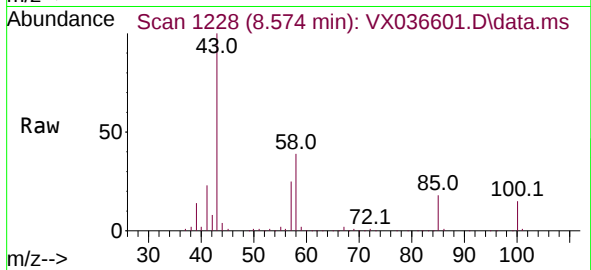
#51
4-Methyl-2-Pentanone
Concen: 27.951 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 99040
Ion Ratio Lower Upper
43 100
58 39.1 30.4 45.6

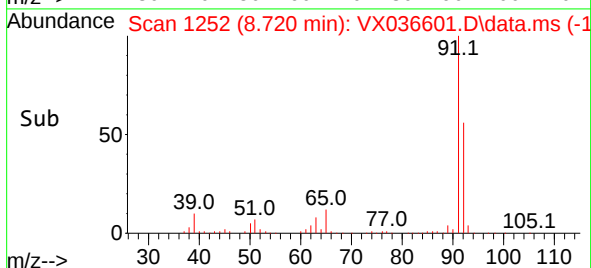
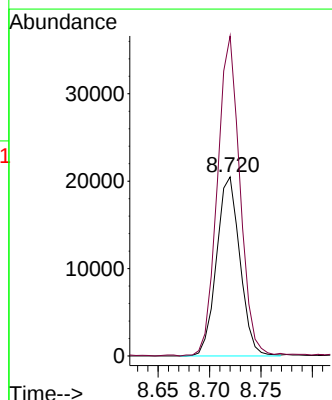
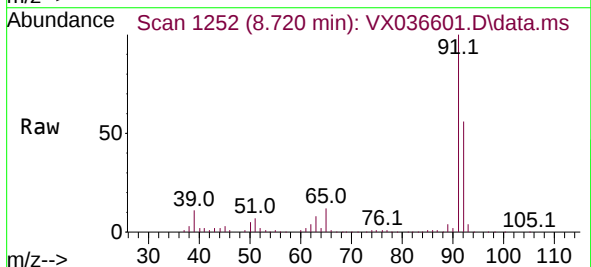
Manual Integrations
APPROVED

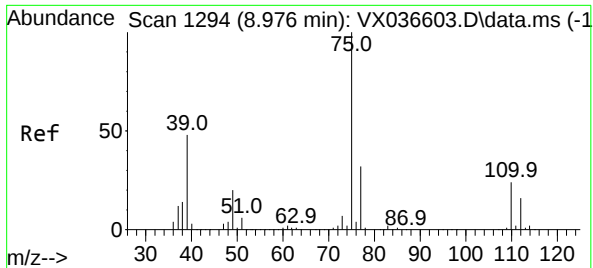
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#52
Toluene
Concen: 5.415 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

Tgt Ion: 92 Resp: 32377
Ion Ratio Lower Upper
92 100
91 173.7 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 6.505 ug/l

RT: 8.976 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036601.D

Acq: 21 Jul 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 22310

Ion Ratio Lower Upper

75 100

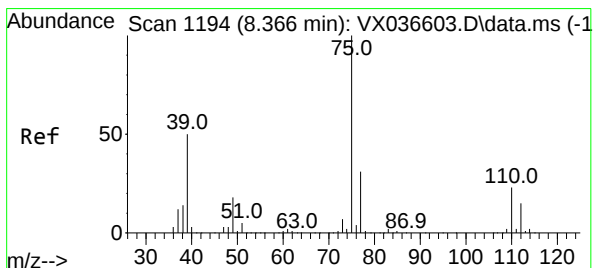
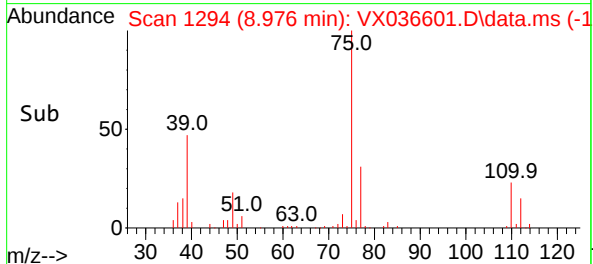
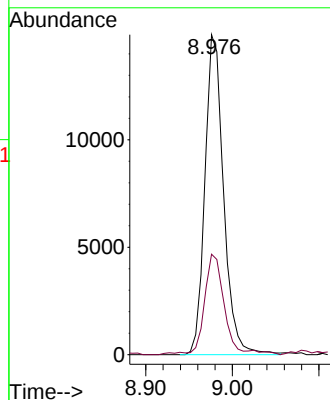
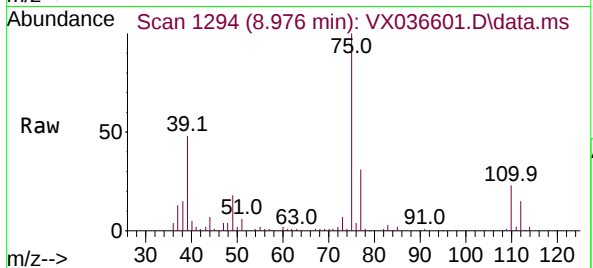
77 31.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#54

cis-1,3-Dichloropropene

Concen: 6.173 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036601.D

Acq: 21 Jul 2023 10:09

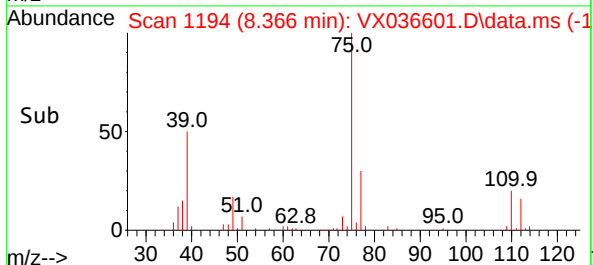
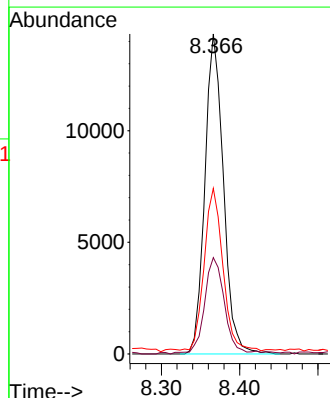
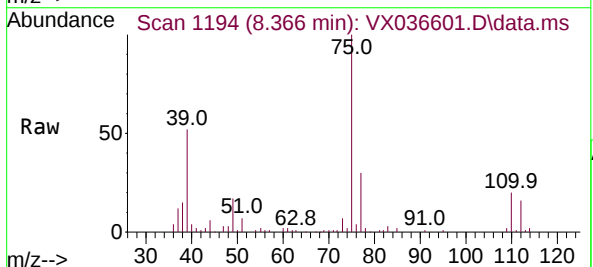
Tgt Ion: 75 Resp: 23539

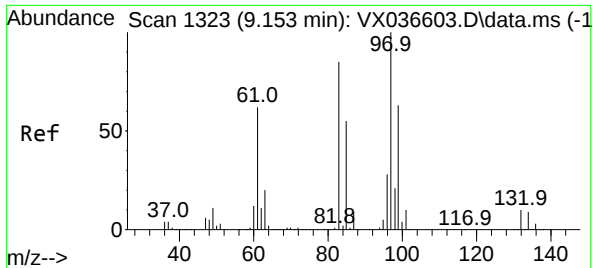
Ion Ratio Lower Upper

75 100

77 29.7 25.3 37.9

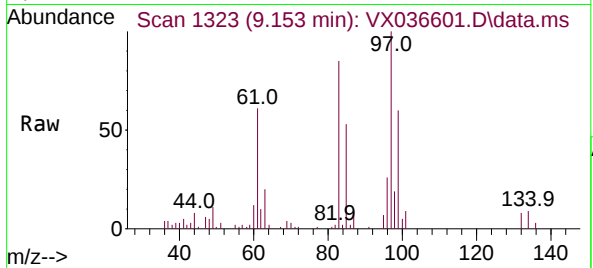
39 50.6 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 5.367 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

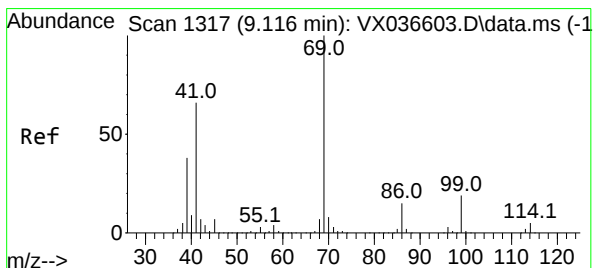
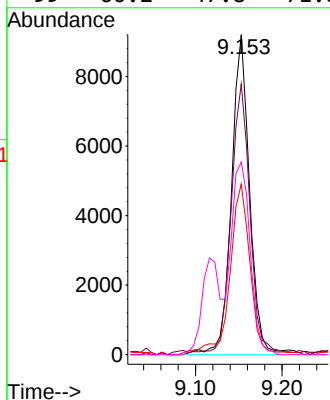
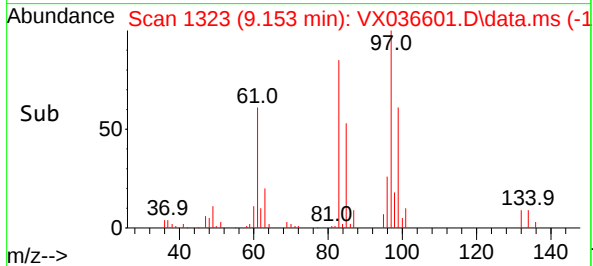
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



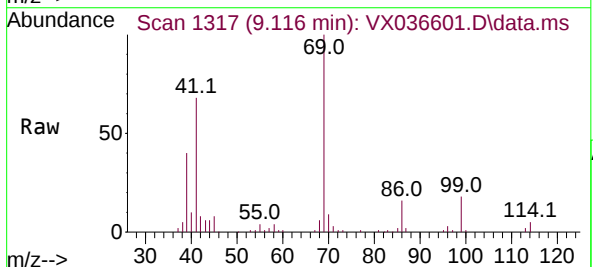
Tgt Ion: 97 Resp: 13314
Ion Ratio Lower Upper
97 100
83 83.5 65.8 98.8
85 53.3 41.6 62.4
99 60.2 47.8 71.8

Manual Integrations
APPROVED

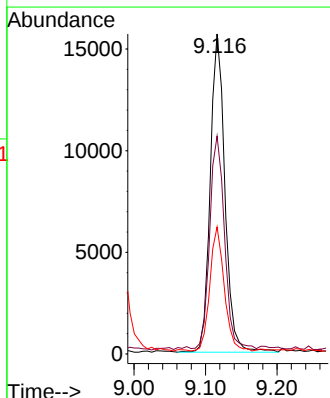
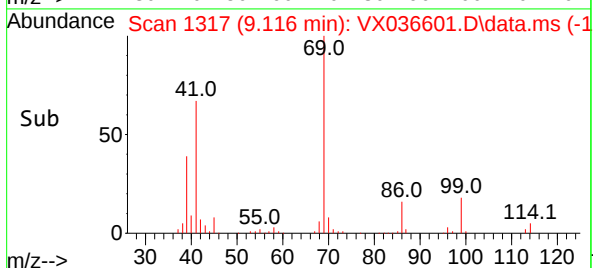
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

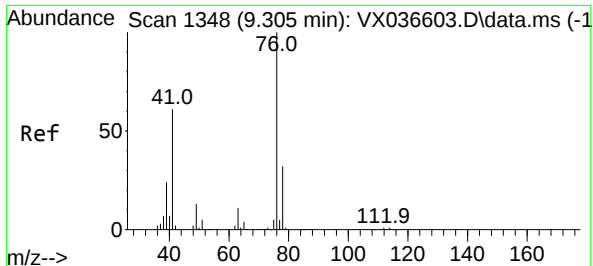


#56
Ethyl methacrylate
Concen: 5.882 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09



Tgt Ion: 69 Resp: 22276
Ion Ratio Lower Upper
69 100
41 68.6 56.8 85.2
39 38.3 32.0 48.0





#57

1,3-Dichloropropane

Concen: 5.429 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036601.D

Acq: 21 Jul 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 23120

Ion Ratio Lower Upper

76 100

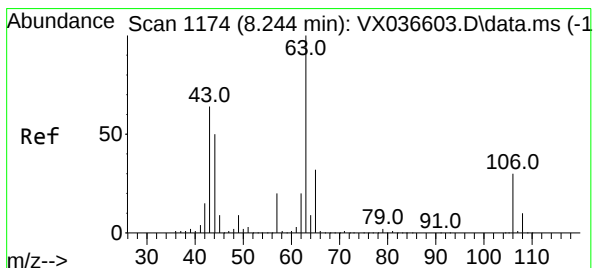
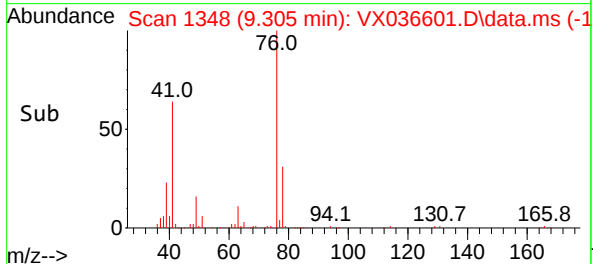
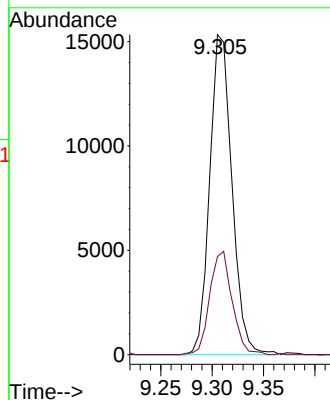
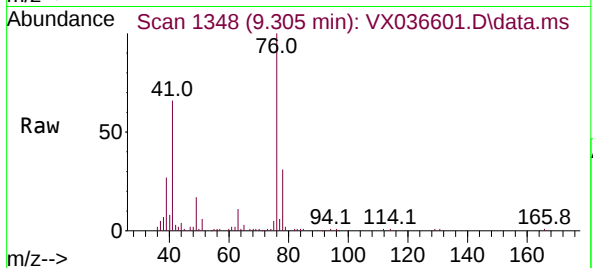
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#58

2-Chloroethyl Vinyl ether

Concen: 27.262 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX036601.D

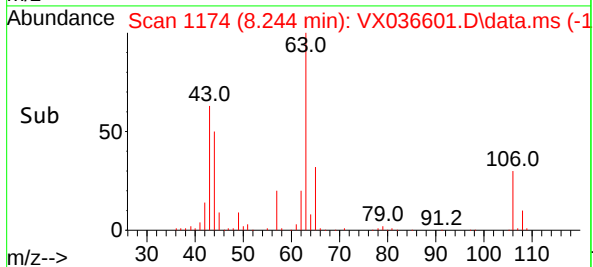
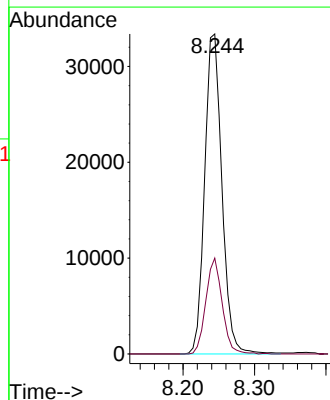
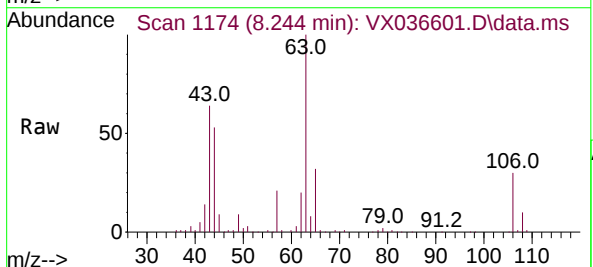
Acq: 21 Jul 2023 10:09

Tgt Ion: 63 Resp: 56009

Ion Ratio Lower Upper

63 100

106 28.4 22.5 33.7





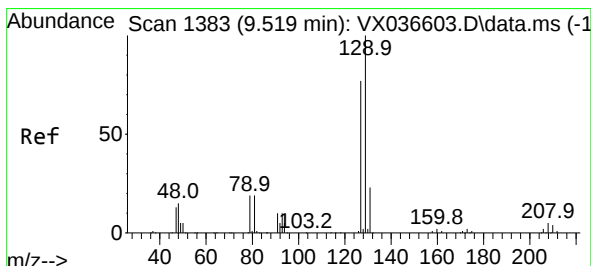
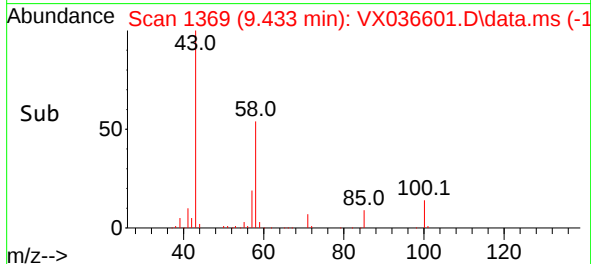
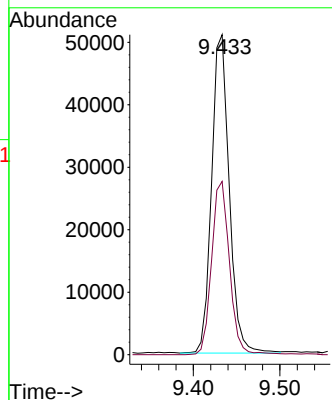
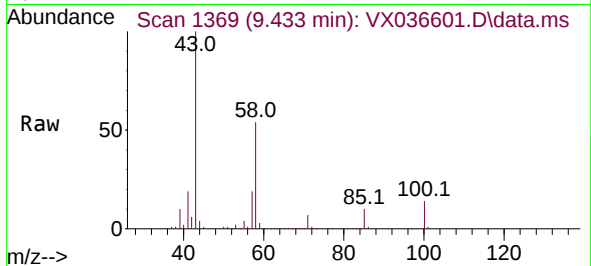
#59
2-Hexanone
Concen: 27.786 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 72010
Ion Ratio Lower Upper
43 100
58 55.5 26.2 78.5

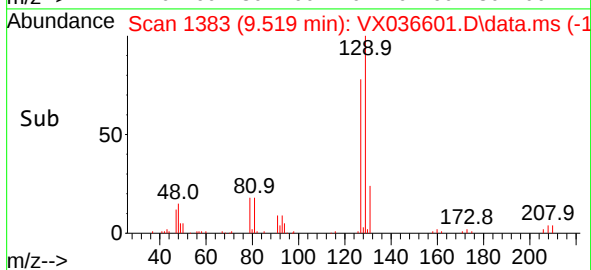
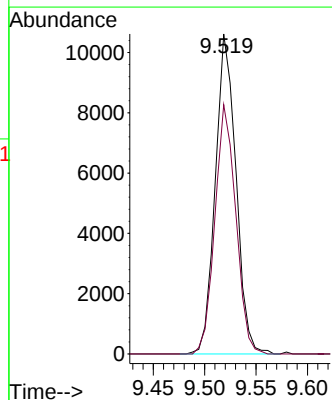
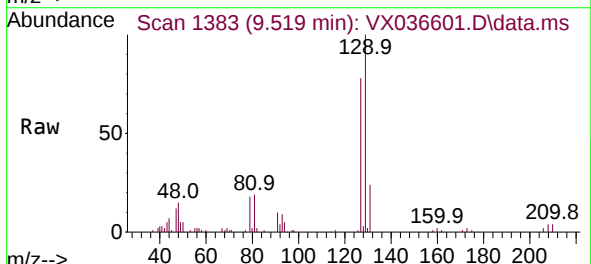
Manual Integrations
APPROVED

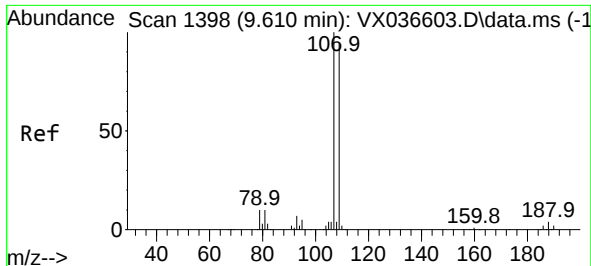
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#60
Dibromochloromethane
Concen: 5.986 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

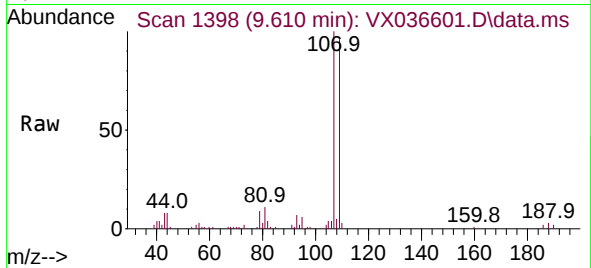
Tgt Ion:129 Resp: 14791
Ion Ratio Lower Upper
129 100
127 79.0 38.8 116.4





#61
1,2-Dibromoethane
Concen: 5.396 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

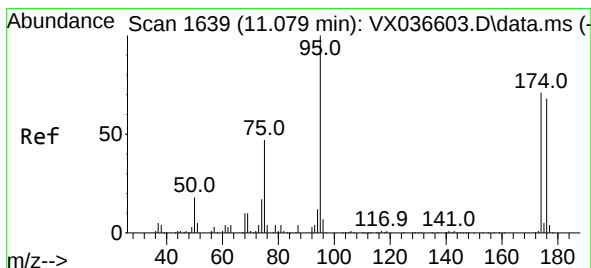
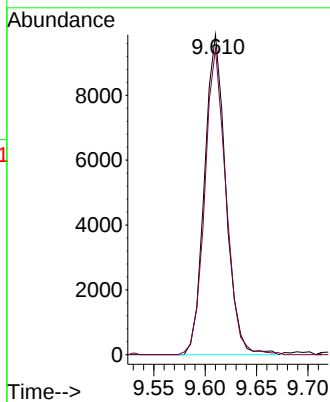
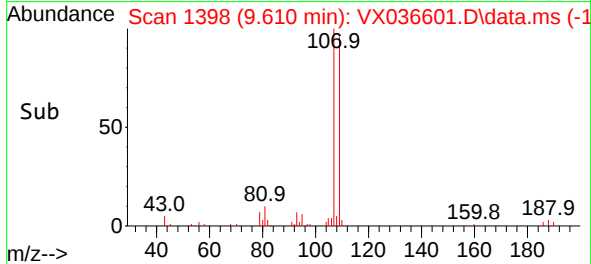
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



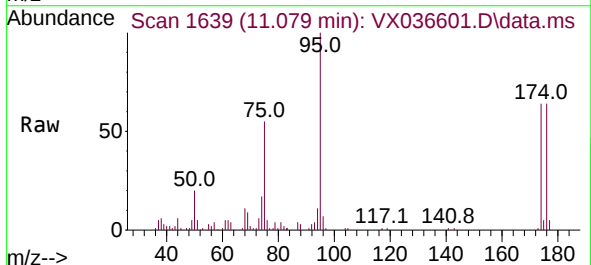
Tgt Ion:107 Resp: 14198
Ion Ratio Lower Upper
107 100
109 95.4 75.2 112.8

Manual Integrations
APPROVED

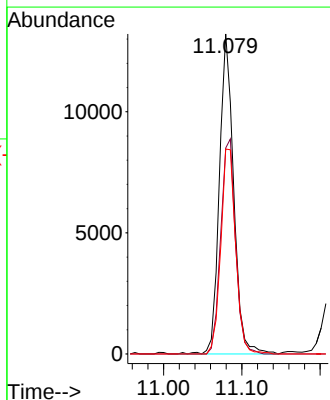
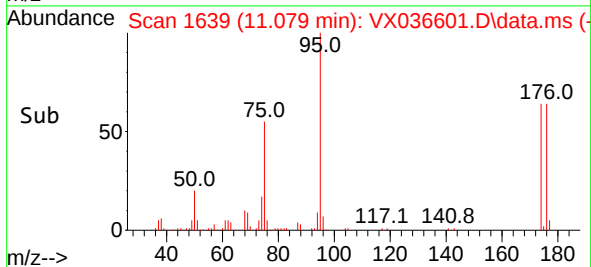
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

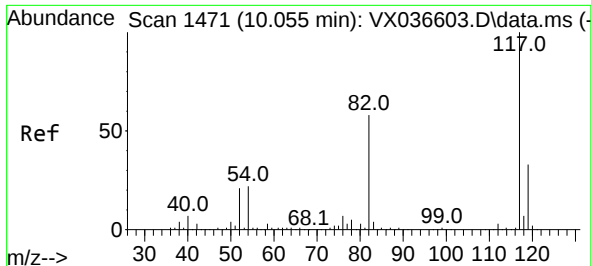


#62
4-Bromofluorobenzene
Concen: 5.582 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09



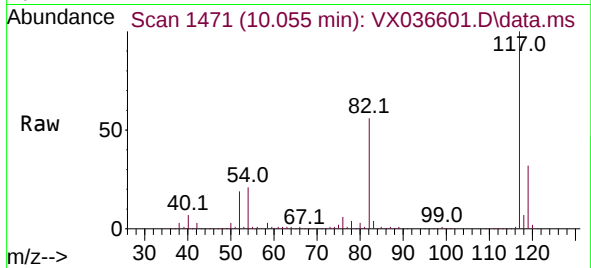
Tgt Ion: 95 Resp: 16778
Ion Ratio Lower Upper
95 100
174 69.3 0.0 135.6
176 67.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

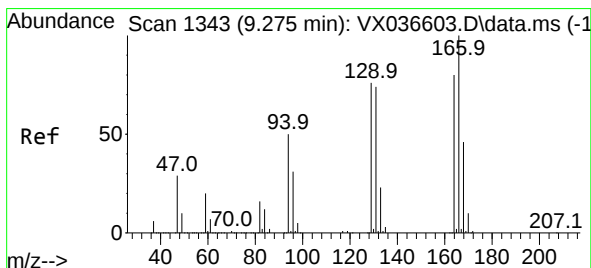
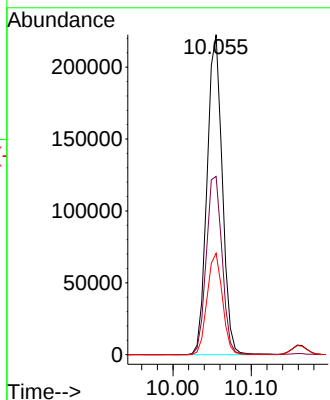
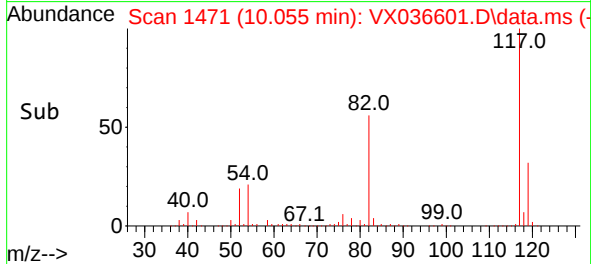
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 299908
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.4
119 31.7 25.5 38.3

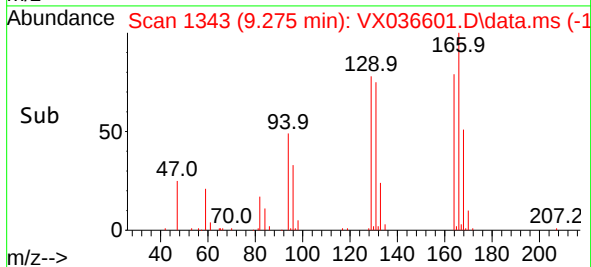
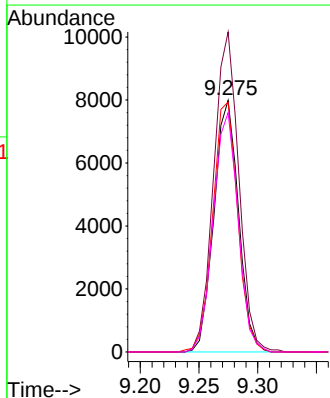
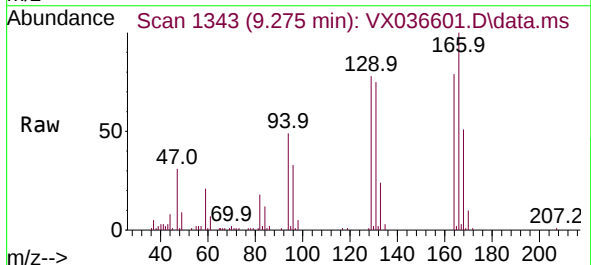
Manual Integrations
APPROVED

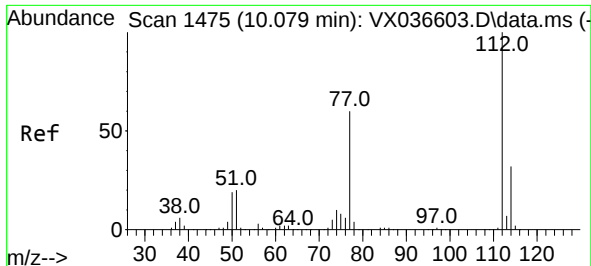
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#64
Tetrachloroethene
Concen: 5.421 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

Tgt Ion:164 Resp: 11617
Ion Ratio Lower Upper
164 100
166 127.2 102.7 154.1
129 99.4 80.4 120.6
131 95.1 76.5 114.7





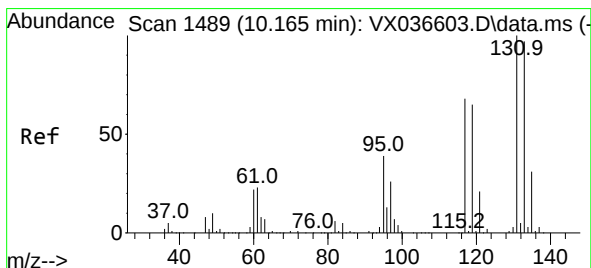
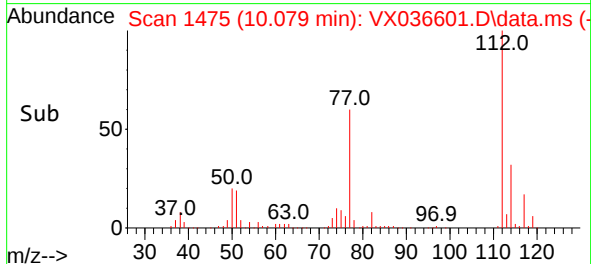
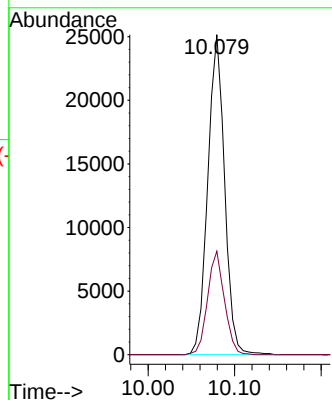
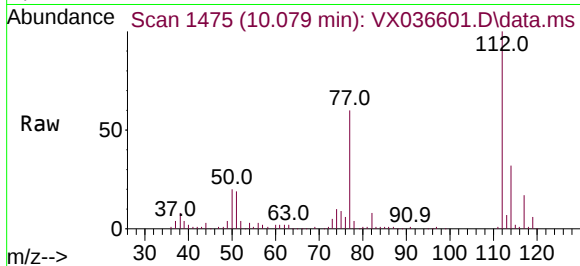
#65
Chlorobenzene
Concen: 5.325 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 3391
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5

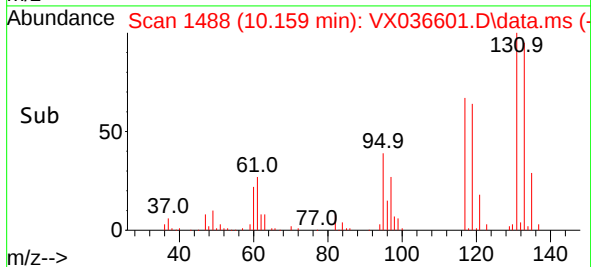
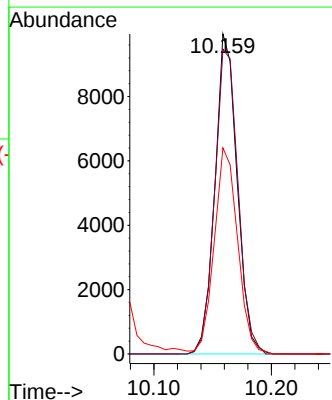
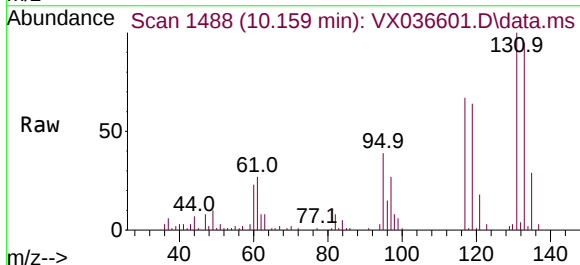
Manual Integrations
APPROVED

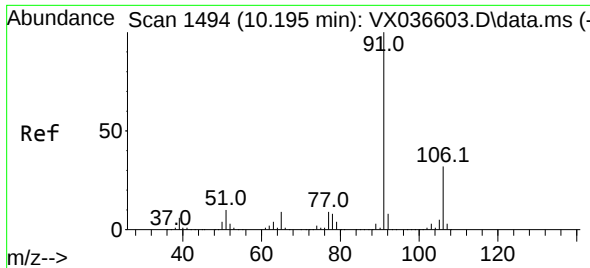
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 5.954 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

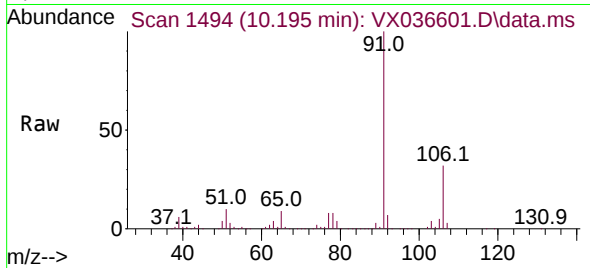
Tgt Ion:131 Resp: 13059
Ion Ratio Lower Upper
131 100
133 99.9 47.1 141.4
119 68.1 32.2 96.6





#67
Ethyl Benzene
Concen: 5.452 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

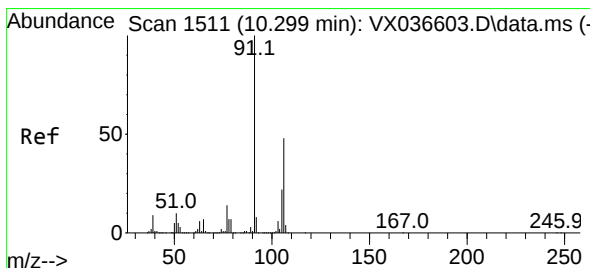
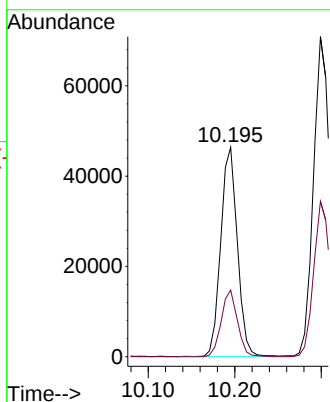
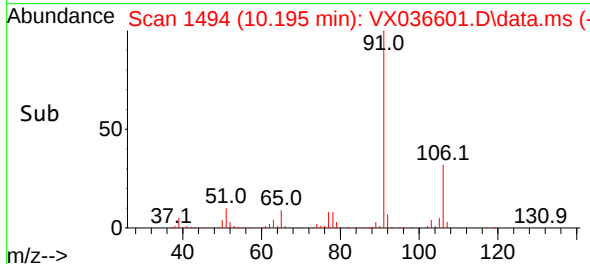
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



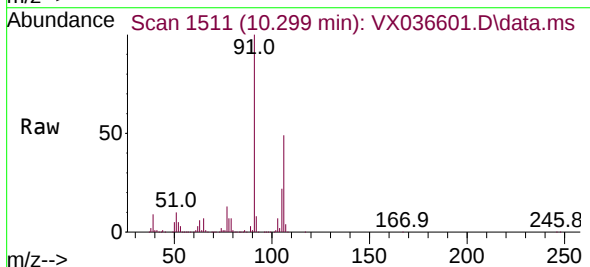
Tgt Ion: 91 Resp: 62012
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3

Manual Integrations
APPROVED

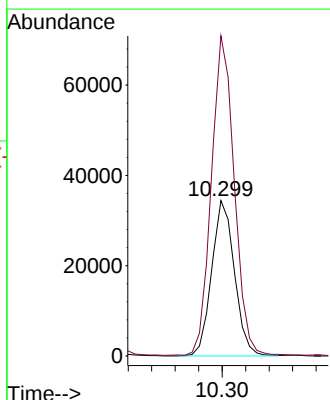
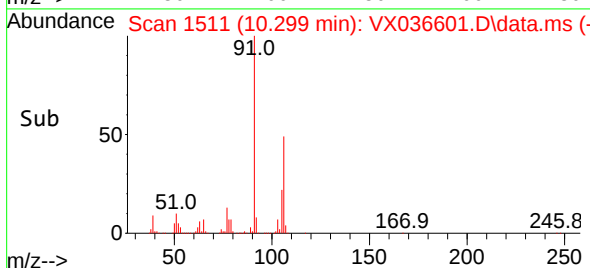
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

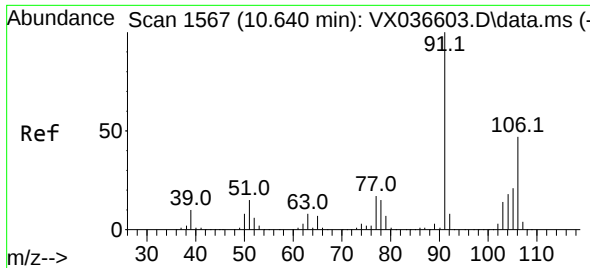


#68
m/p-Xylenes
Concen: 10.554 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09



Tgt Ion:106 Resp: 46388
Ion Ratio Lower Upper
106 100
91 207.6 165.5 248.3





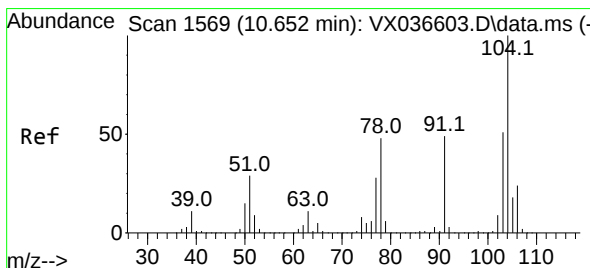
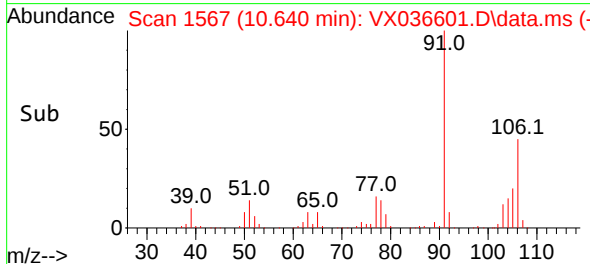
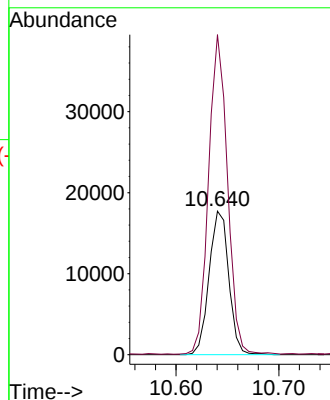
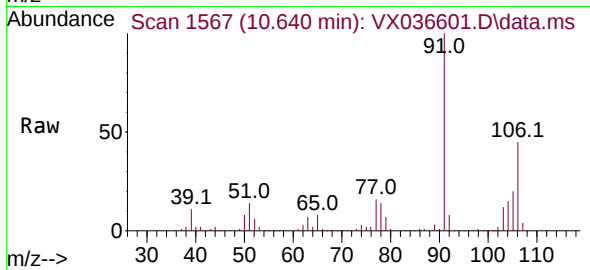
#69
o-Xylene
Concen: 5.495 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 23529
Ion Ratio Lower Upper
106 100
91 213.9 108.9 326.8

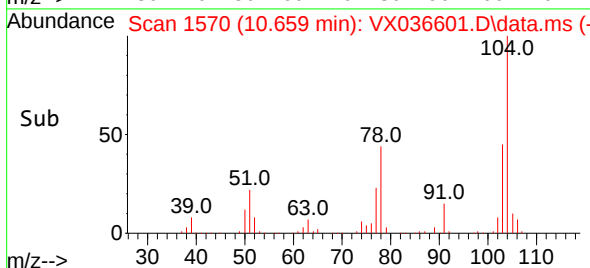
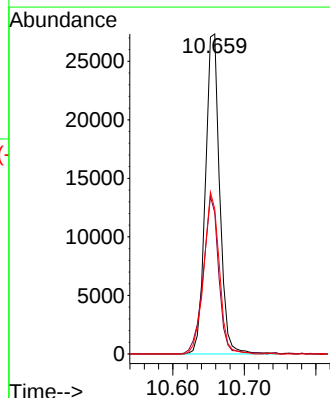
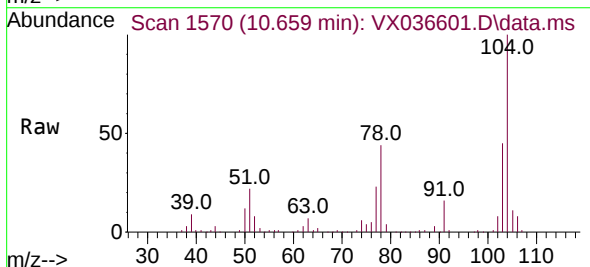
Manual Integrations
APPROVED

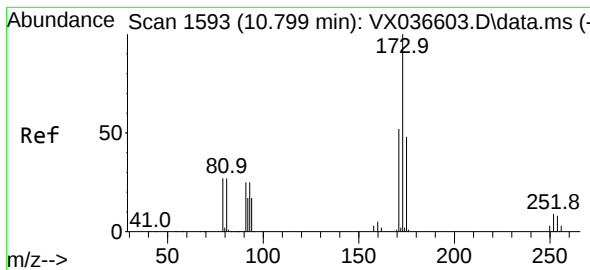
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#70
Styrene
Concen: 5.424 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

Tgt Ion:104 Resp: 38009
Ion Ratio Lower Upper
104 100
78 53.1 43.6 65.4
103 54.5 43.6 65.4





#71

Bromoform

Concen: 6.577 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036601.D

Acq: 21 Jul 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion:173 Resp: 10652

Ion Ratio Lower Upper

173 100

175 46.6 24.1 72.4

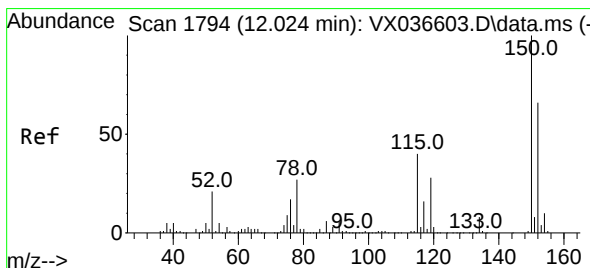
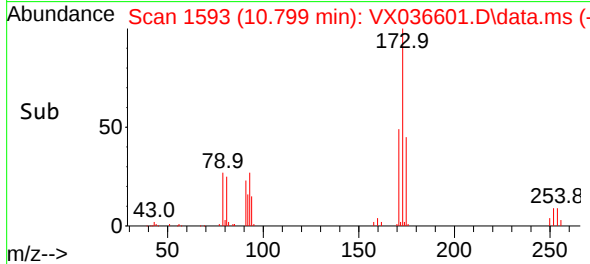
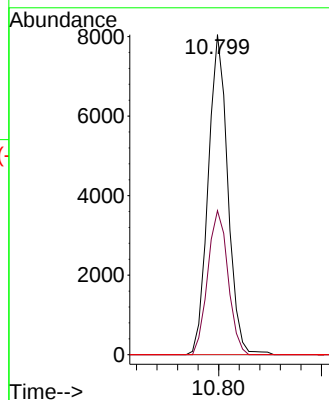
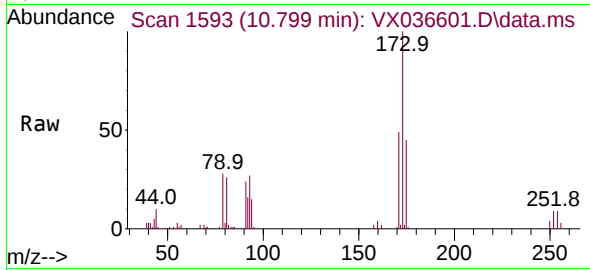
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX036601.D

Acq: 21 Jul 2023 10:09

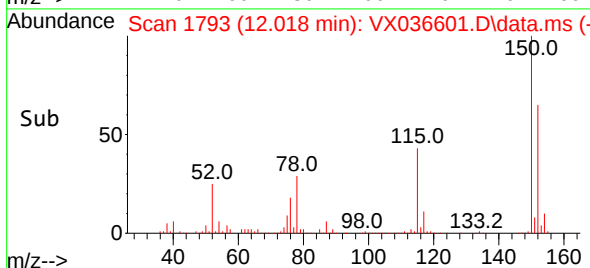
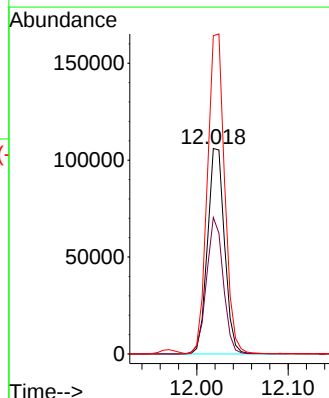
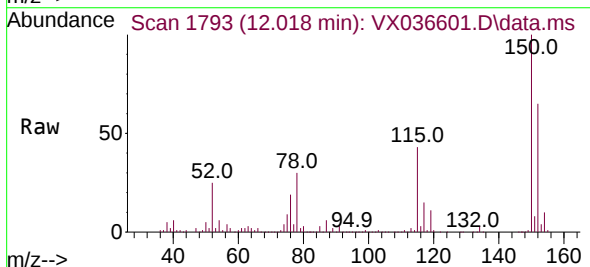
Tgt Ion:152 Resp: 136986

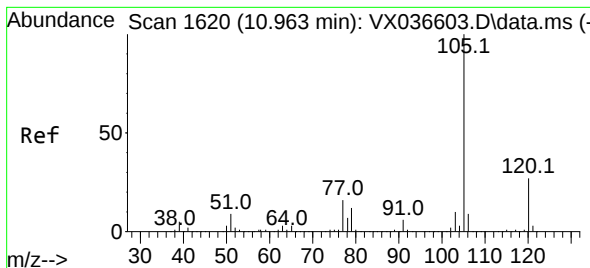
Ion Ratio Lower Upper

152 100

115 65.1 43.3 129.9

150 157.1 0.0 345.0





#73

Isopropylbenzene

Concen: 5.710 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX036601.D

Acq: 21 Jul 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 5943

Ion Ratio Lower Upper

105 100

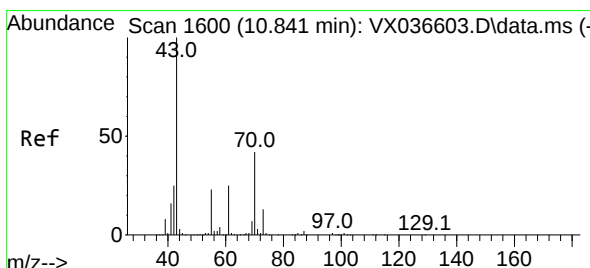
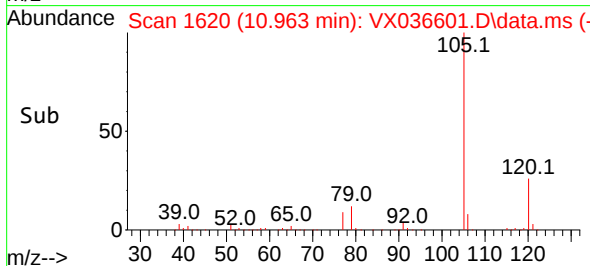
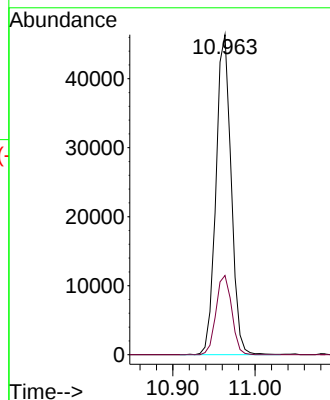
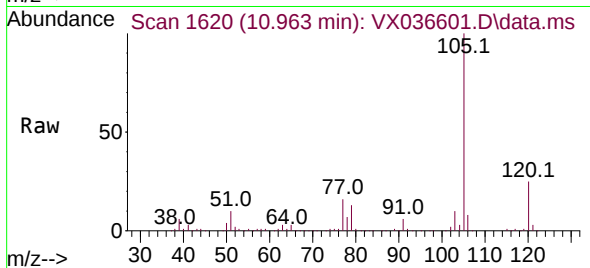
120 25.6 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#74

N-ethyl acetate

Concen: 6.674 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX036601.D

Acq: 21 Jul 2023 10:09

Tgt Ion: 43 Resp: 28249

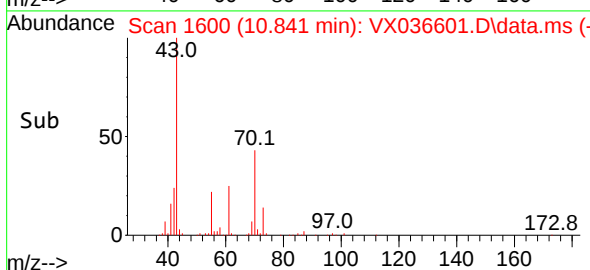
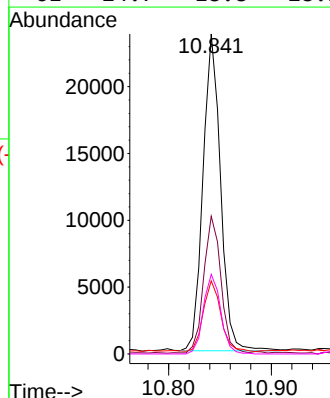
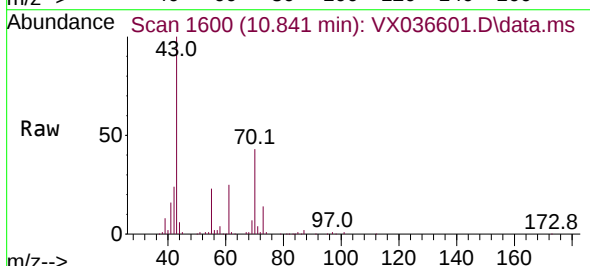
Ion Ratio Lower Upper

43 100

70 41.9 32.9 49.3

55 22.3 19.3 28.9

61 24.7 18.8 28.2





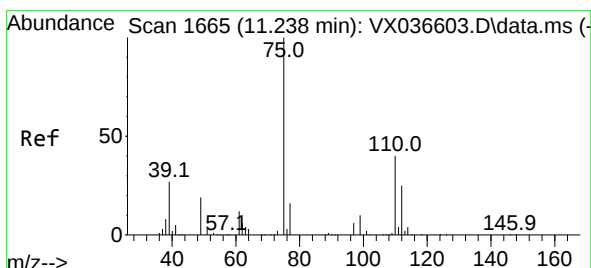
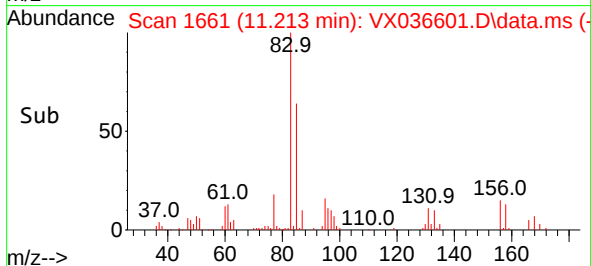
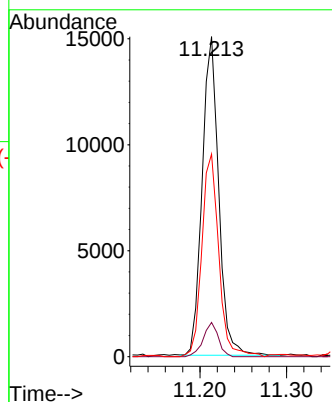
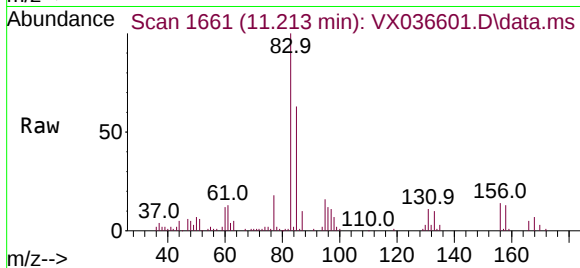
#75
1,1,2,2-Tetrachloroethane
Concen: 5.642 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 1990
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.8
85 65.3 32.0 96.2

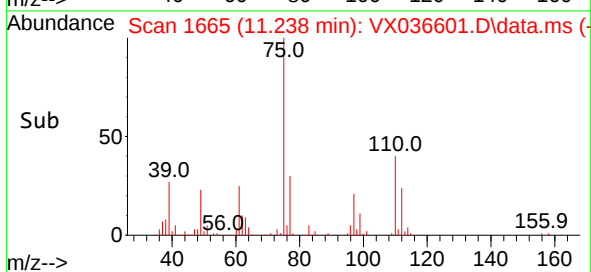
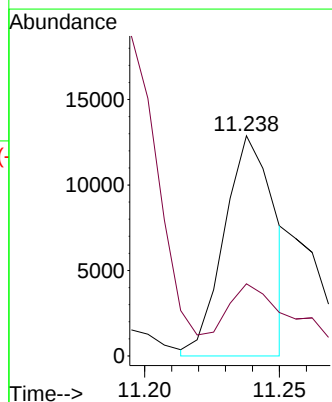
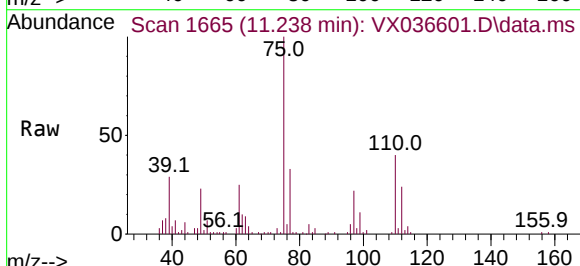
Manual Integrations
APPROVED

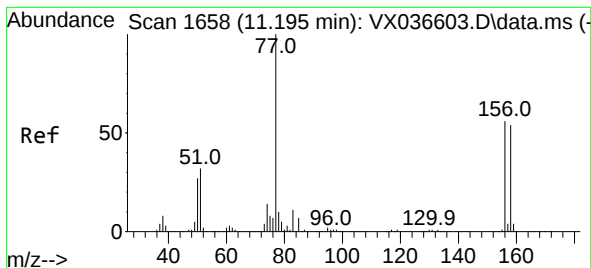
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#76
1,2,3-Trichloropropane
Concen: 5.595 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

Tgt Ion: 75 Resp: 16649
Ion Ratio Lower Upper
75 100
77 45.9 19.1 57.5





#77

Bromobenzene

Concen: 5.391 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX036601.D

Acq: 21 Jul 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

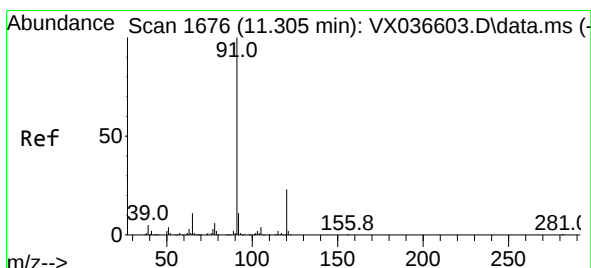
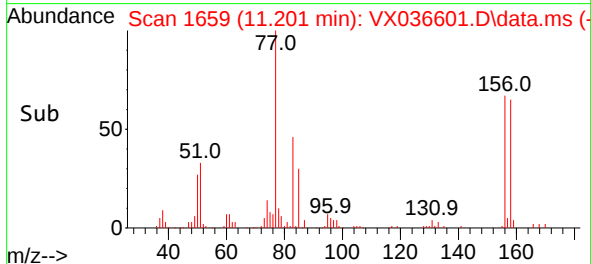
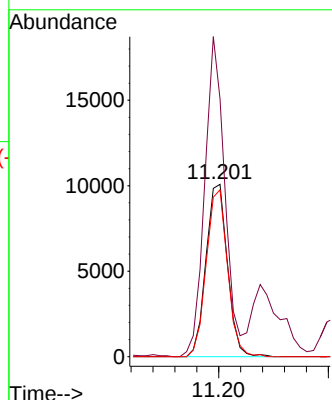
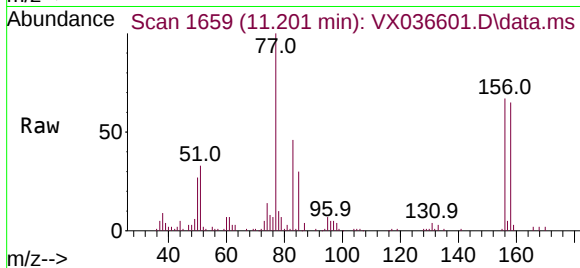
Tgt Ion:	156	Resp:	13740
Ion Ratio	Lower	Upper	
156	100		
77	171.7	88.4	265.3
158	95.6	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#78

n-propylbenzene

Concen: 5.554 ug/l

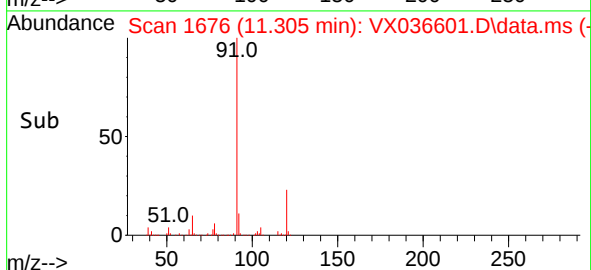
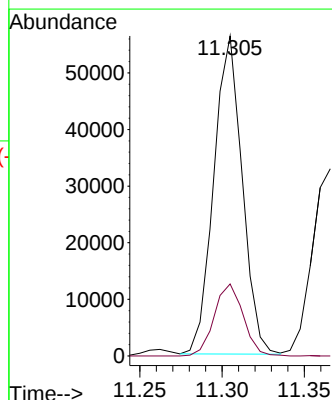
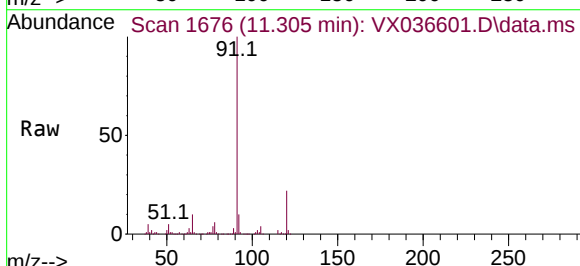
RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX036601.D

Acq: 21 Jul 2023 10:09

Tgt Ion:	91	Resp:	67637
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.4





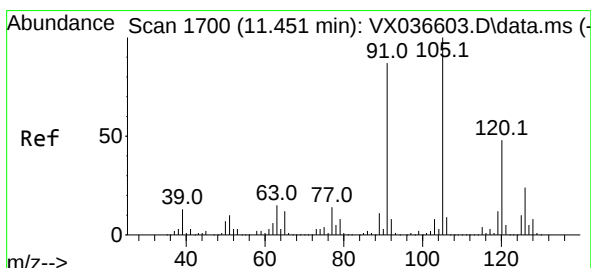
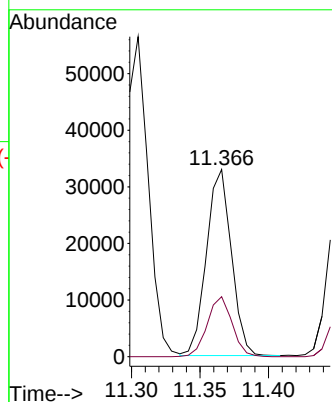
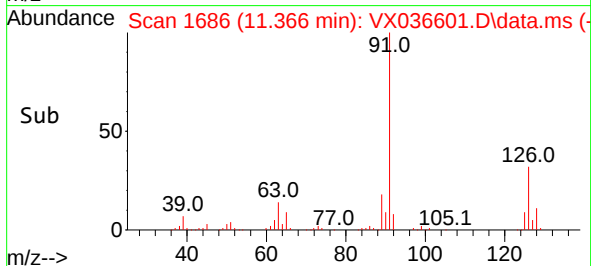
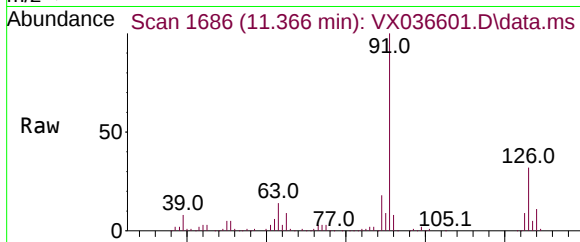
#79
2-Chlorotoluene
Concen: 5.721 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 41548
Ion Ratio Lower Upper
91 100
126 32.1 16.3 48.8

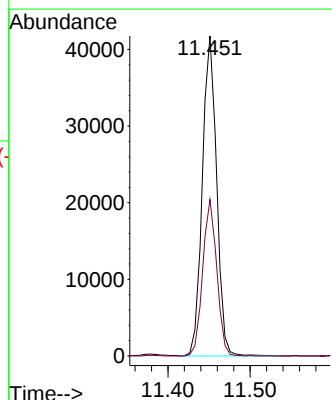
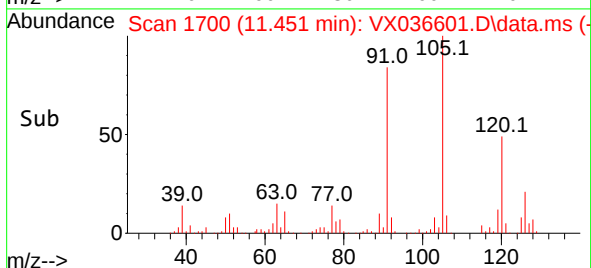
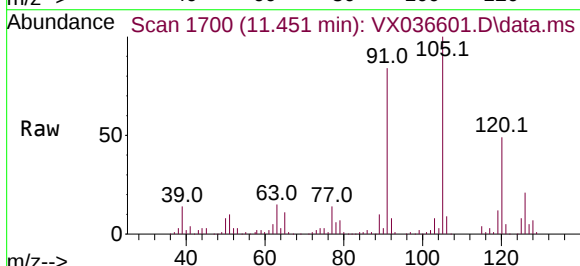
Manual Integrations
APPROVED

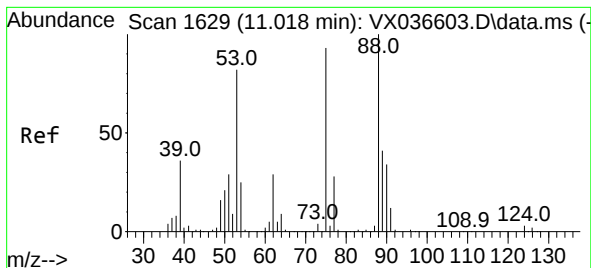
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#80
1,3,5-Trimethylbenzene
Concen: 5.707 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

Tgt Ion:105 Resp: 50345
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3





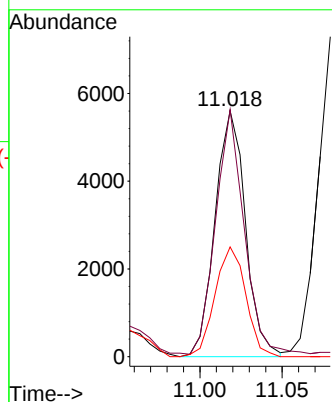
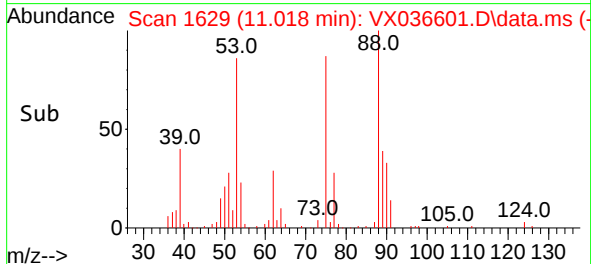
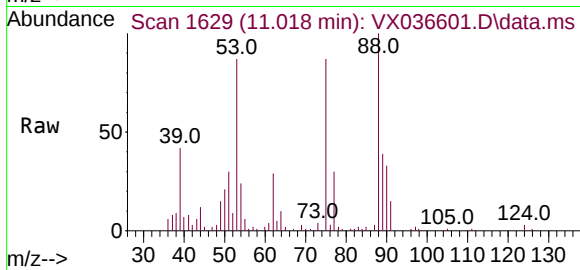
#81
trans-1,4-Dichloro-2-butene
Concen: 7.205 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 7210
Ion Ratio Lower Upper
75 100
53 92.4 90.5 135.7
89 45.0 36.9 55.3

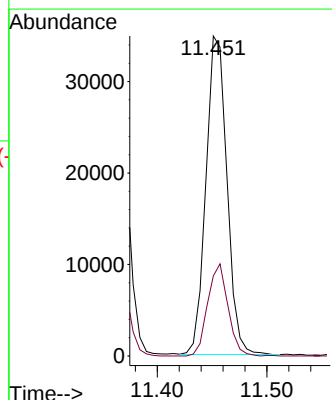
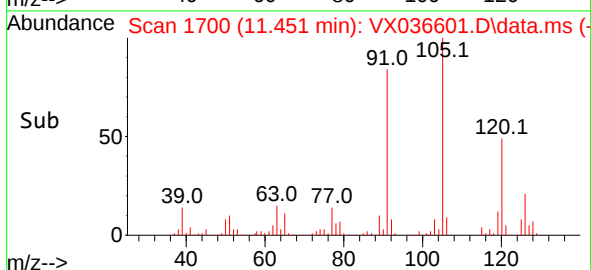
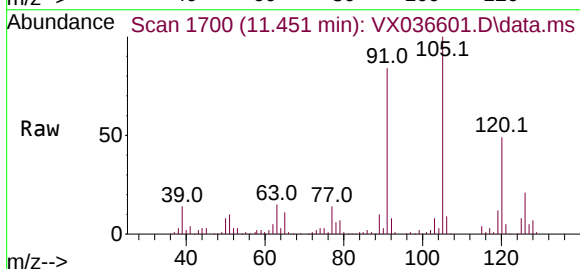
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#82
4-Chlorotoluene
Concen: 5.506 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

Tgt Ion: 91 Resp: 46405
Ion Ratio Lower Upper
91 100
126 28.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 5.787 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX036601.D

Acq: 21 Jul 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

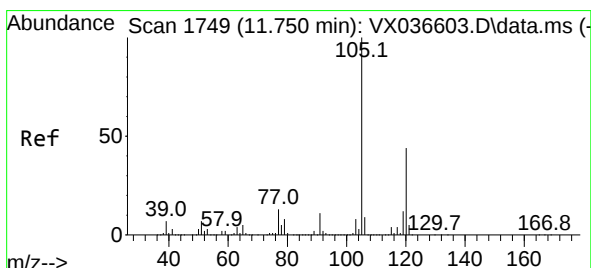
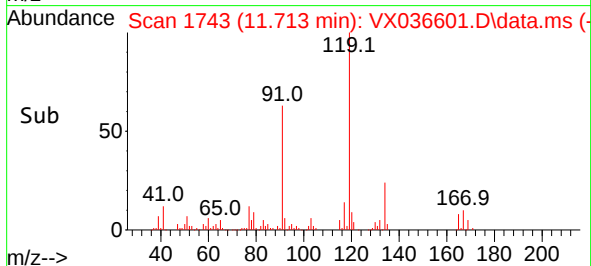
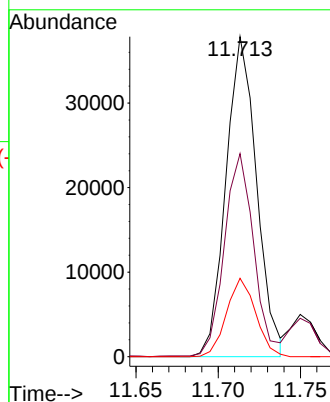
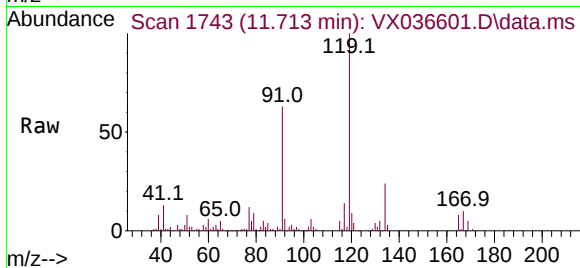
Tgt Ion:	119	Resp:	49109
Ion Ratio	Lower	Upper	
119	100		
91	61.3	31.2	93.6
134	23.3	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#84

1,2,4-Trimethylbenzene

Concen: 5.615 ug/l

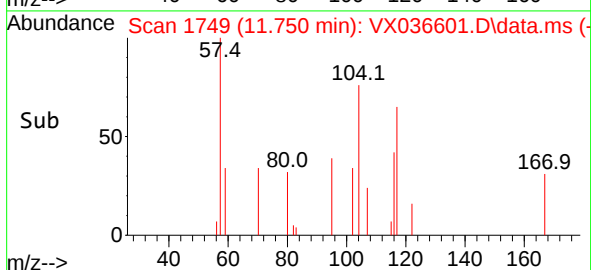
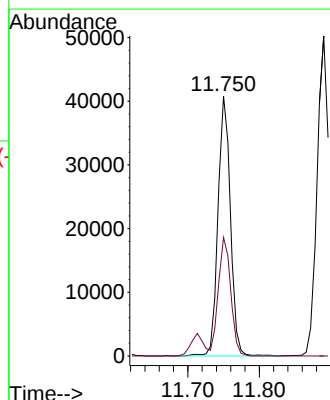
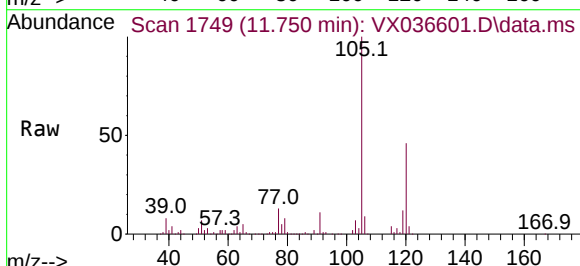
RT: 11.750 min Scan# 1749

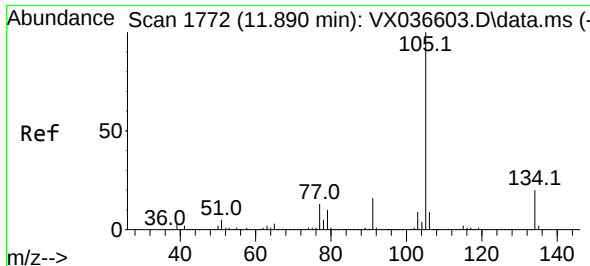
Delta R.T. 0.000 min

Lab File: VX036601.D

Acq: 21 Jul 2023 10:09

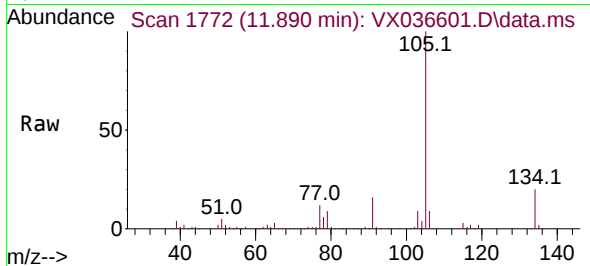
Tgt Ion:	105	Resp:	49098
Ion Ratio	Lower	Upper	
105	100		
120	45.4	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 5.616 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036601.D
 Acq: 21 Jul 2023 10:09

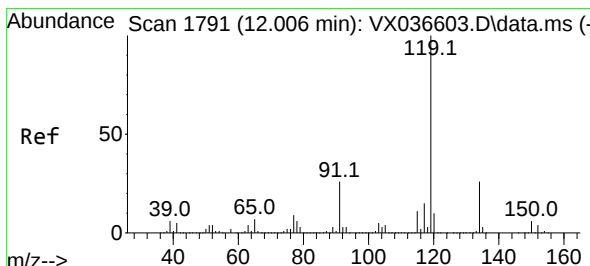
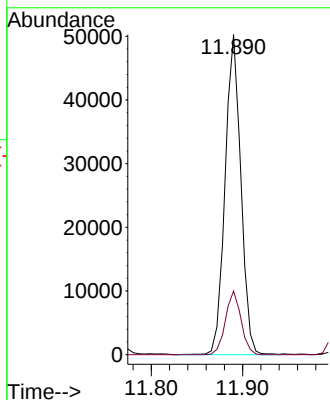
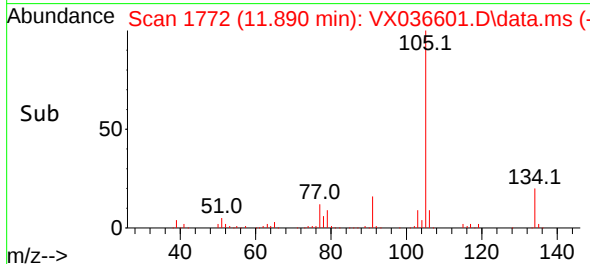
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



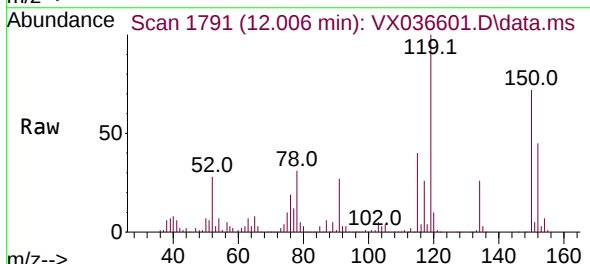
Tgt Ion:105 Resp: 6034
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

Manual Integrations
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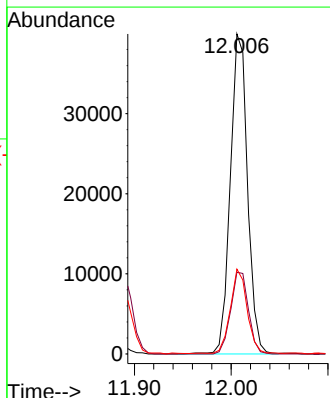
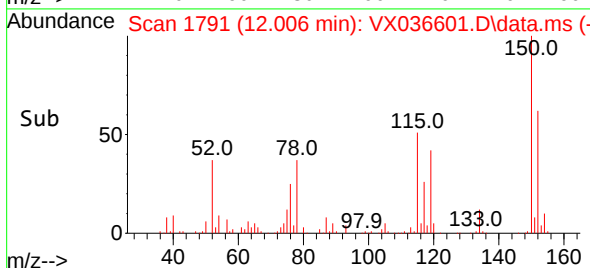
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023



#86
 p-Isopropyltoluene
 Concen: 5.496 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX036601.D
 Acq: 21 Jul 2023 10:09



Tgt Ion:119 Resp: 49434
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.8 38.3
 91 25.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 5.278 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036601.D

Acq: 21 Jul 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

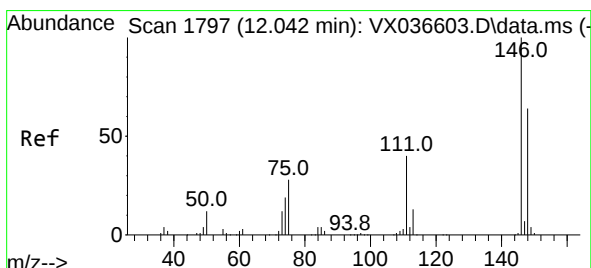
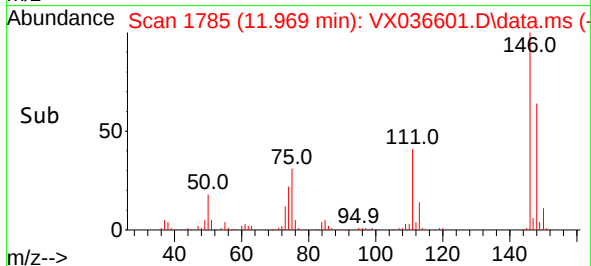
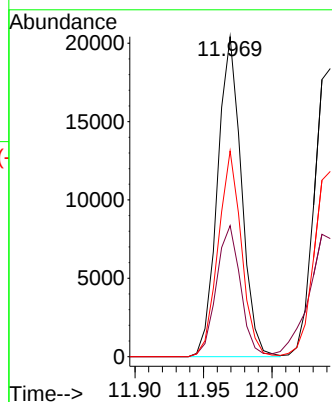
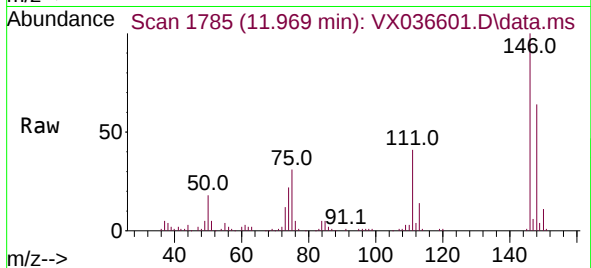
Tgt Ion:146	Resp:	2473
Ion Ratio	Lower	Upper
146	100	
111	41.6	22.1 66.1
148	62.6	31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#88

1,4-Dichlorobenzene

Concen: 5.154 ug/l

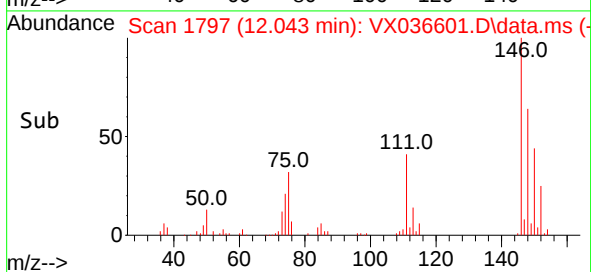
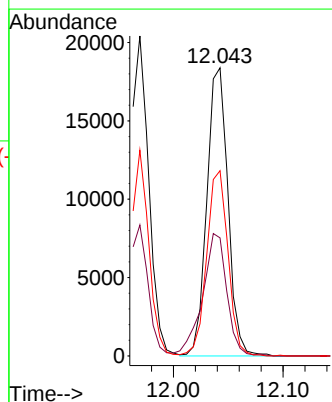
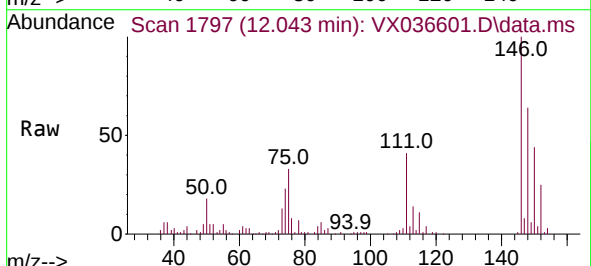
RT: 12.043 min Scan# 1797

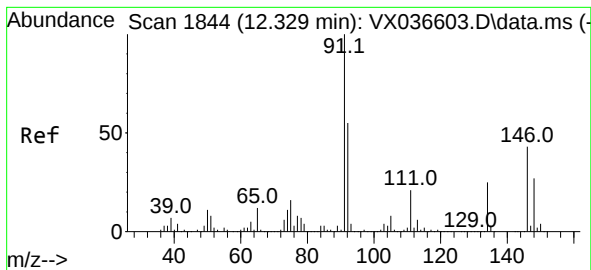
Delta R.T. 0.000 min

Lab File: VX036601.D

Acq: 21 Jul 2023 10:09

Tgt Ion:146	Resp:	24580
Ion Ratio	Lower	Upper
146	100	
111	49.1	21.3 63.7
148	65.0	31.8 95.4





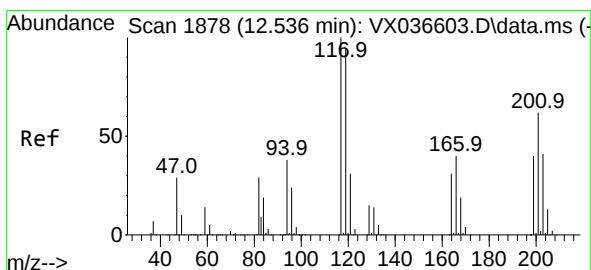
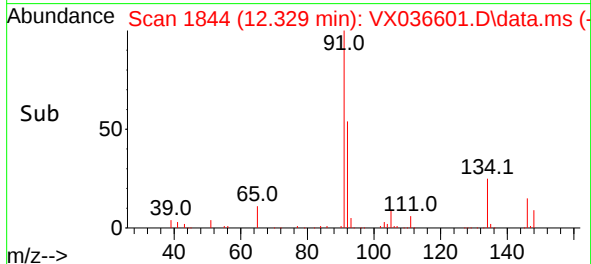
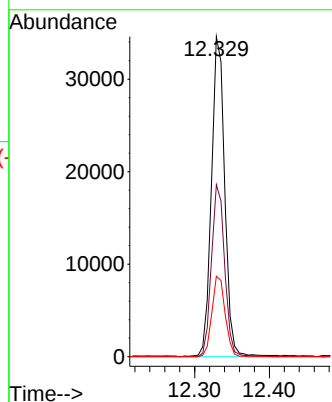
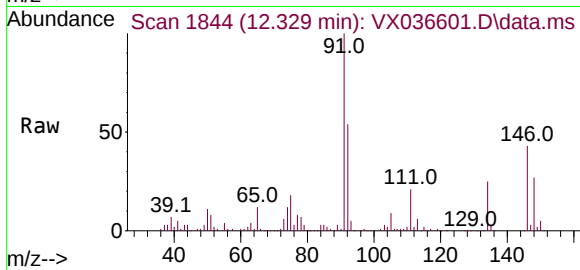
#89
n-Butylbenzene
Concen: 5.341 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 4281
Ion Ratio Lower Upper
91 100
92 53.4 27.4 82.0
134 25.0 12.6 37.8

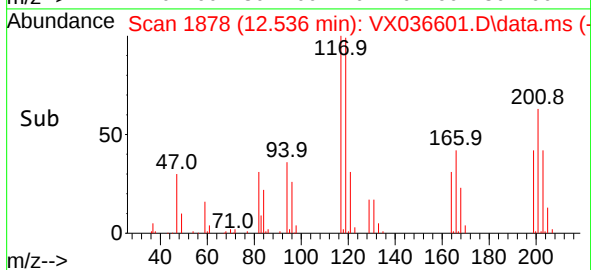
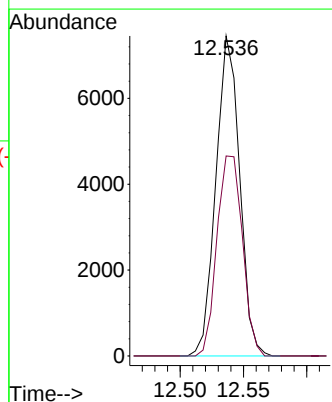
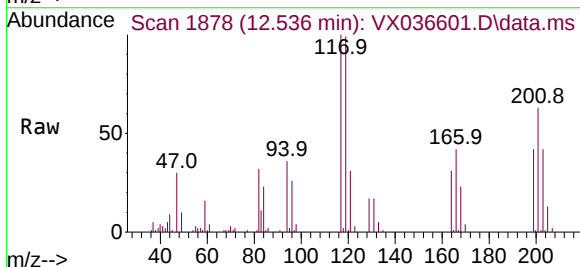
Manual Integrations
APPROVED

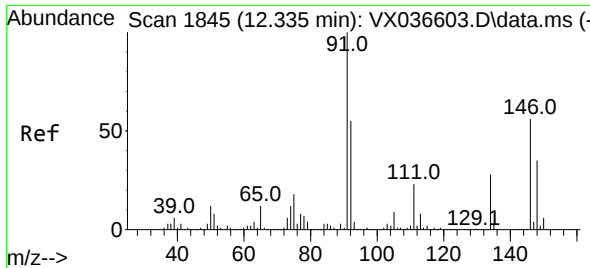
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#90
Hexachloroethane
Concen: 6.764 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

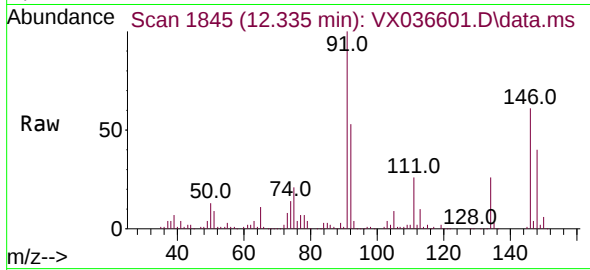
Tgt Ion:117 Resp: 9724
Ion Ratio Lower Upper
117 100
201 67.0 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 5.214 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

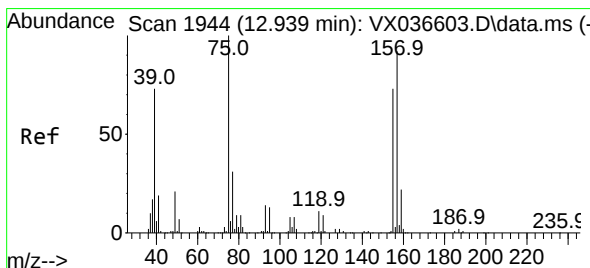
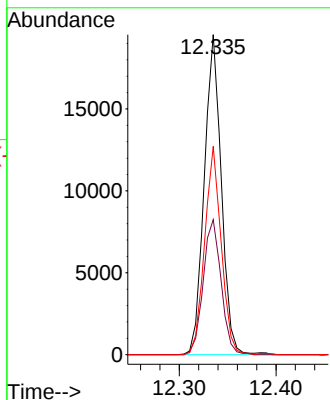
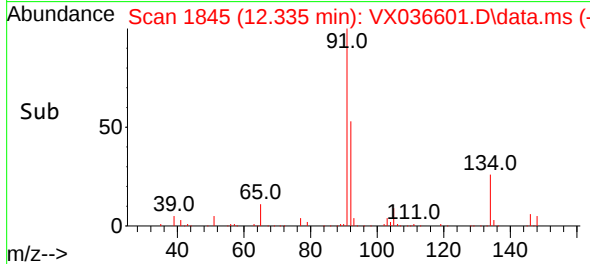
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



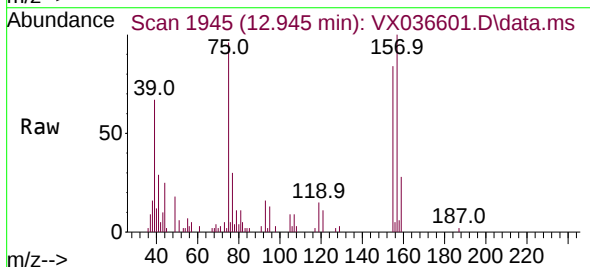
Tgt Ion:146 Resp: 24008
Ion Ratio Lower Upper
146 100
111 44.2 22.4 67.0
148 63.3 31.6 95.0

Manual Integrations
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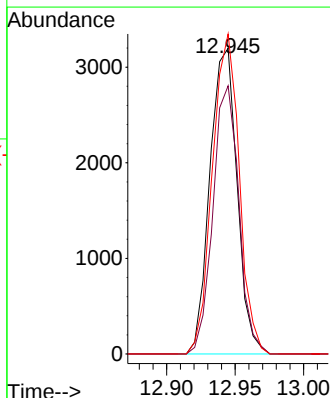
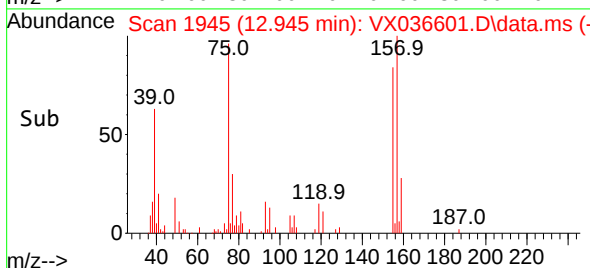
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

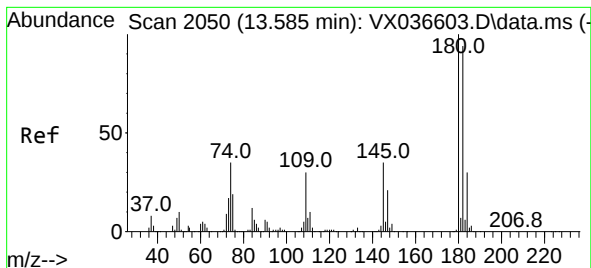


#92
1,2-Dibromo-3-Chloropropane
Concen: 6.375 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09



Tgt Ion: 75 Resp: 4409
Ion Ratio Lower Upper
75 100
155 83.5 36.1 108.5
157 103.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 4.846 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX036601.D

Acq: 21 Jul 2023 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

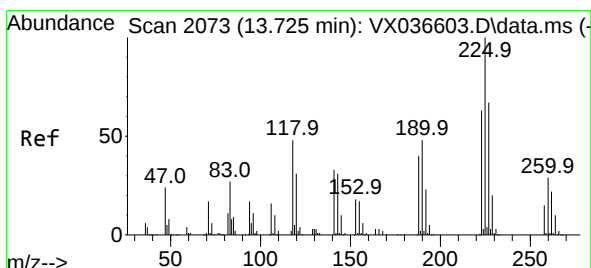
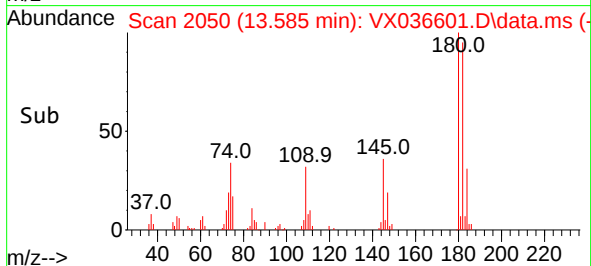
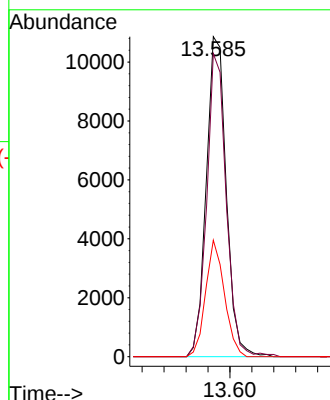
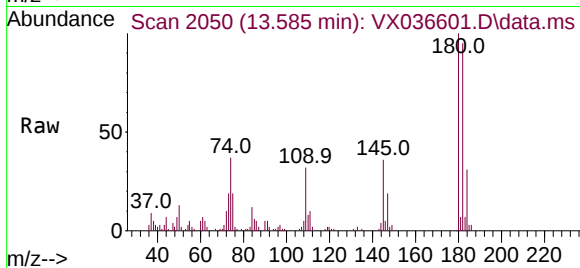
Tgt Ion:180	Resp:	1374
Ion Ratio	Lower	Upper
180	100	
182	92.7	48.3 144.8
145	34.3	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#94

Hexachlorobutadiene

Concen: 4.917 ug/l

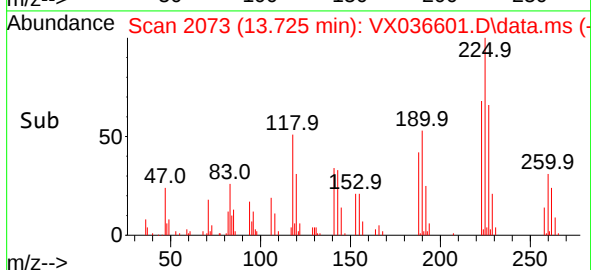
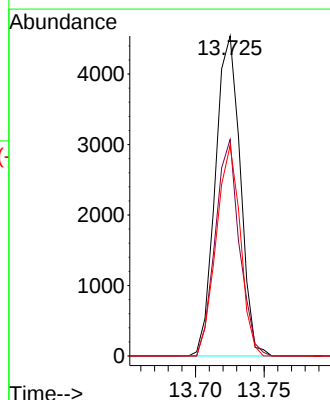
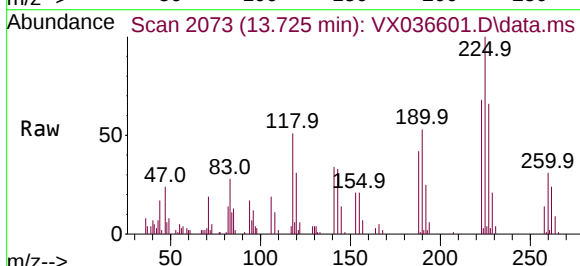
RT: 13.725 min Scan# 2073

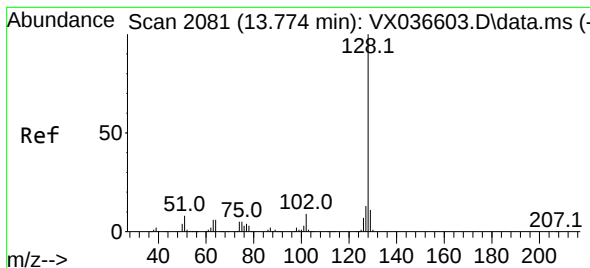
Delta R.T. 0.000 min

Lab File: VX036601.D

Acq: 21 Jul 2023 10:09

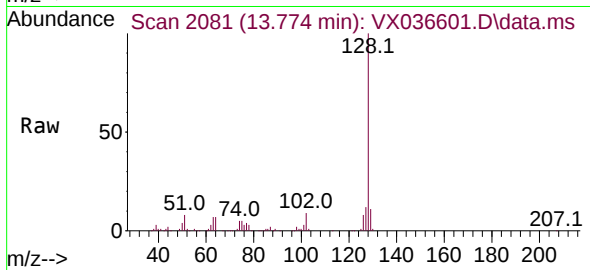
Tgt Ion:225	Resp:	5727
Ion Ratio	Lower	Upper
225	100	
223	65.5	31.1 93.2
227	63.7	32.5 97.5





#95
Naphthalene
Concen: 5.238 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09

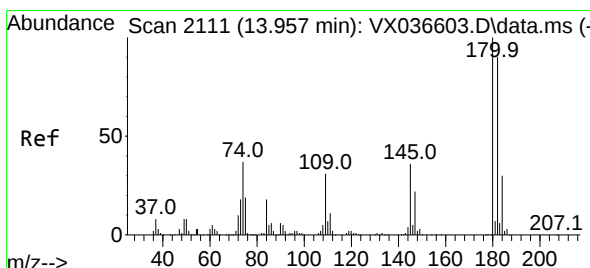
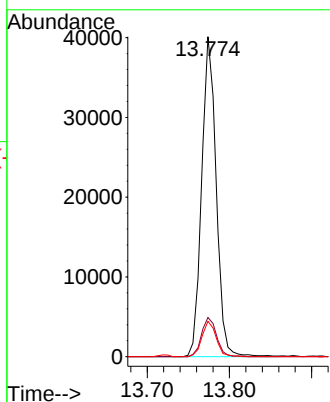
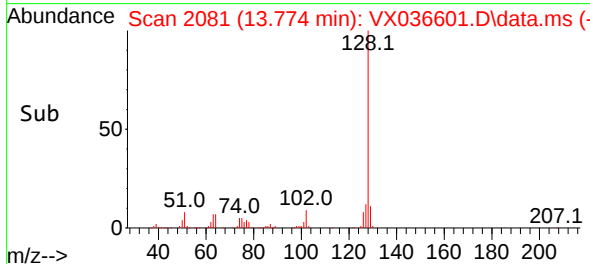
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



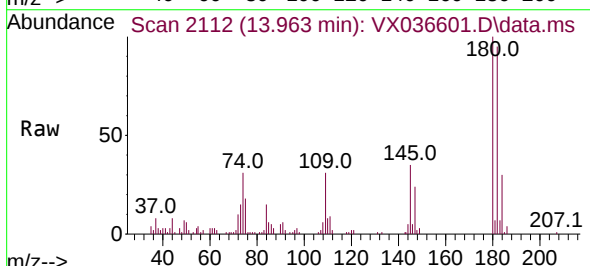
Tgt Ion:128 Resp: 49227
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carbone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#96
1,2,3-Trichlorobenzene
Concen: 4.874 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX036601.D
Acq: 21 Jul 2023 10:09



Tgt Ion:180 Resp: 13461
Ion Ratio Lower Upper
180 100
182 96.9 46.9 140.6
145 35.0 17.8 53.5

