

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050323\
 Data File : VX035500.D
 Acq On : 03 May 2023 11:24
 Operator : JC/MD
 Sample : VX0503WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/03/2023
 Supervised By : Mahesh Dadoda 05/04/2023

Quant Time: May 03 15:17:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	248574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	382023	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	342627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	158054	52.704	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.400%			
35) Dibromofluoromethane	5.379	113	131027	55.881	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.760%			
50) Toluene-d8	8.647	98	476714	53.896	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 107.800%			
62) 4-Bromofluorobenzene	11.079	95	189001	56.802	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	50990	19.386	ug/l	100
3) Chloromethane	1.294	50	40263	16.827	ug/l	100
4) Vinyl Chloride	1.374	62	41771	17.406	ug/l	100
5) Bromomethane	1.617	94	27805	17.432	ug/l	98
6) Chloroethane	1.691	64	23619	16.828	ug/l	98
7) Trichlorofluoromethane	1.892	101	73299	19.532	ug/l	100
8) Diethyl Ether	2.130	74	26188	19.139	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	49278	19.660	ug/l	95
10) Methyl Iodide	2.453	142	51069	16.144	ug/l	96
11) Tert butyl alcohol	2.989	59	56780	103.985	ug/l	98
12) 1,1-Dichloroethene	2.319	96	43925	18.194	ug/l	100
13) Acrolein	2.239	56	53276	99.212	ug/l	98
14) Allyl chloride	2.666	41	76678	18.048	ug/l	97
15) Acrylonitrile	3.062	53	134224	98.282	ug/l	99
16) Acetone	2.392	43	129341	99.304	ug/l	99
17) Carbon Disulfide	2.514	76	97275	16.808	ug/l	98
18) Methyl Acetate	2.703	43	102953	20.441	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	176996	21.369	ug/l	97
20) Methylene Chloride	2.788	84	54457	18.234	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	49688	18.950	ug/l	89
22) Diisopropyl ether	3.757	45	167002	19.863	ug/l	94
23) Vinyl Acetate	3.721	43	587326	101.630	ug/l	96
24) 1,1-Dichloroethane	3.611	63	92865	19.609	ug/l	98
25) 2-Butanone	4.562	43	185723	97.693	ug/l #	90
26) 2,2-Dichloropropane	4.471	77	76817	20.704	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	59399	19.272	ug/l	95
28) Bromochloromethane	4.897	49	43002	21.308	ug/l #	81
29) Tetrahydrofuran	5.013	42	116397	95.510	ug/l	93
30) Chloroform	5.092	83	99469	20.806	ug/l	93
31) Cyclohexane	5.464	56	78335	18.414	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	86029	20.533	ug/l	96
36) 1,1-Dichloropropene	5.690	75	70807	19.340	ug/l	98
37) Ethyl Acetate	4.708	43	67650	20.231	ug/l	95
38) Carbon Tetrachloride	5.672	117	74720	21.498	ug/l	93
39) Methylcyclohexane	7.379	83	85976	19.292	ug/l	98
40) Benzene	6.037	78	209339	19.932	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	40363	21.066	ug/l	96
42) 1,2-Dichloroethane	6.086	62	78516	20.967	ug/l	97
43) Isopropyl Acetate	6.336	43	117382	20.891	ug/l	95
44) Trichloroethene	7.123	130	58948	20.374	ug/l	98
45) 1,2-Dichloropropane	7.427	63	54863	20.720	ug/l	95
46) Dibromomethane	7.580	93	37811	20.794	ug/l	92
47) Bromodichloromethane	7.818	83	74071	22.110	ug/l	96
48) Methyl methacrylate	7.690	41	58344	21.168	ug/l	92
49) 1,4-Dioxane	7.708	88	26697	397.379	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	365512	105.884	ug/l	95
52) Toluene	8.714	92	136963	20.573	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	78269	22.371	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	88362	22.344	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	58231	21.941	ug/l	94
56) Ethyl methacrylate	9.116	69	87986	22.255	ug/l #	89
57) 1,3-Dichloropropane	9.305	76	96980	21.364	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	196099	99.199	ug/l	93
59) 2-Hexanone	9.427	43	278187	107.271	ug/l	93
60) Dibromochloromethane	9.518	129	58880	23.156	ug/l	97
61) 1,2-Dibromoethane	9.610	107	59834	21.870	ug/l	99
64) Tetrachloroethene	9.275	164	52455	19.995	ug/l	97
65) Chlorobenzene	10.079	112	153244	20.673	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	56777	22.008	ug/l	97
67) Ethyl Benzene	10.195	91	266140	20.732	ug/l	99
68) m/p-Xylenes	10.299	106	206571	41.994	ug/l	99
69) o-Xylene	10.640	106	101666	21.077	ug/l	99
70) Styrene	10.652	104	170281	21.772	ug/l	98
71) Bromoform	10.799	173	41598	23.181	ug/l #	100
73) Isopropylbenzene	10.963	105	271723	21.100	ug/l	99
74) N-amyl acetate	10.841	43	102048	21.087	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	84815	21.220	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	70668m	20.110	ug/l	
77) Bromobenzene	11.195	156	68323	21.344	ug/l	90
78) n-propylbenzene	11.305	91	302154	20.430	ug/l	99
79) 2-Chlorotoluene	11.366	91	185969	20.123	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	233001	21.458	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22225	20.484	ug/l	99
82) 4-Chlorotoluene	11.451	91	216996	20.905	ug/l	99
83) tert-Butylbenzene	11.713	119	228366	20.961	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	232886	21.346	ug/l	99
85) sec-Butylbenzene	11.890	105	273886	20.495	ug/l	99
86) p-Isopropyltoluene	12.006	119	237063	20.857	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	128360	21.100	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	129612	20.321	ug/l	99
89) n-Butylbenzene	12.335	91	192797	20.094	ug/l	98
90) Hexachloroethane	12.536	117	35989	20.685	ug/l	86
91) 1,2-Dichlorobenzene	12.335	146	127036	20.879	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17451	21.774	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	81689	21.360	ug/l	100
94) Hexachlorobutadiene	13.725	225	34976	20.838	ug/l	98
95) Naphthalene	13.774	128	266259	22.615	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	81115	21.069	ug/l	97

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

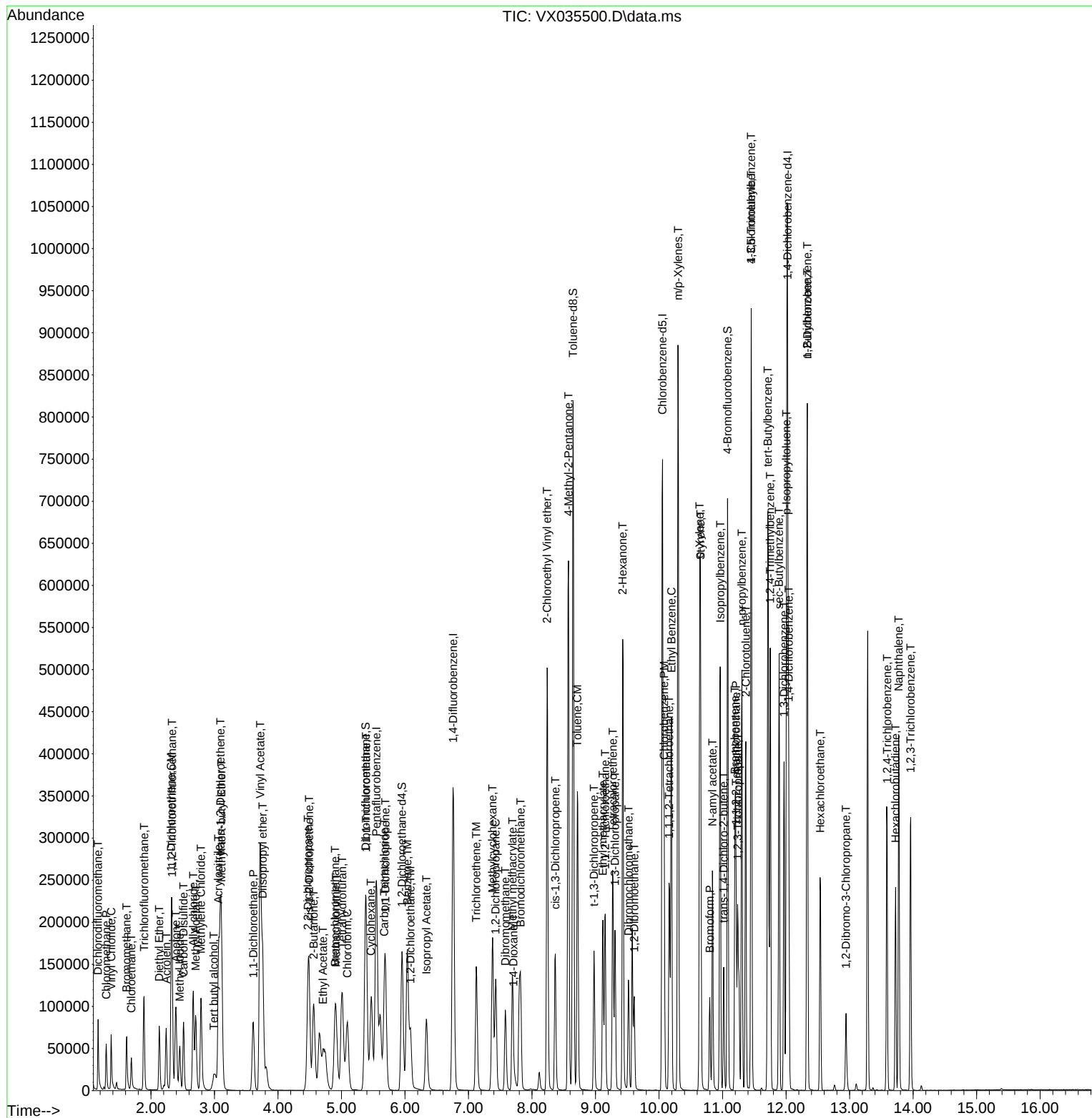
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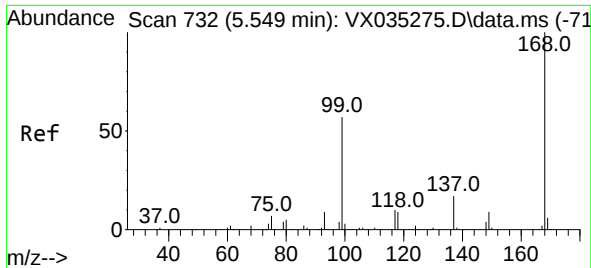
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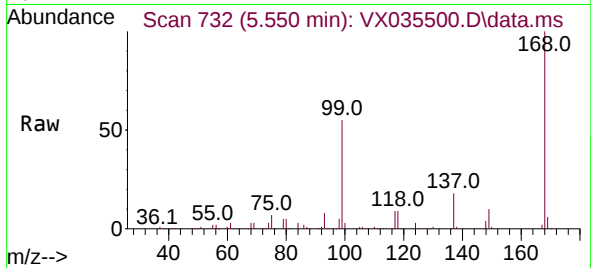
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

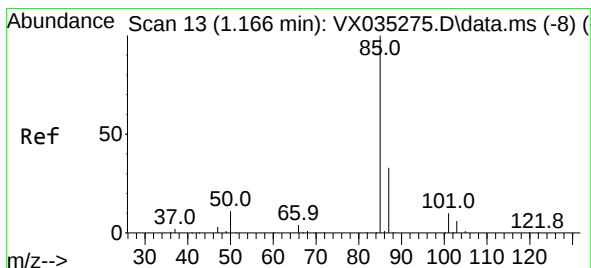
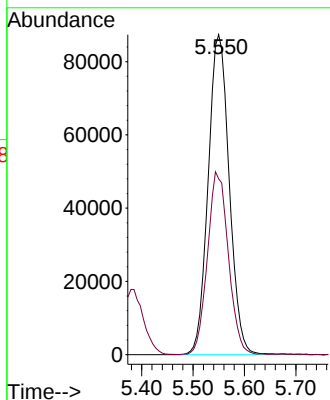
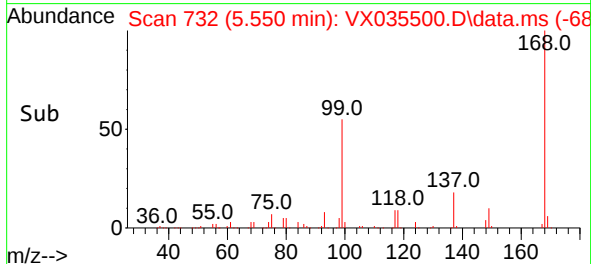
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01



Tgt Ion:168 Resp: 248574
Ion Ratio Lower Upper
168 100
99 54.9 45.7 68.5

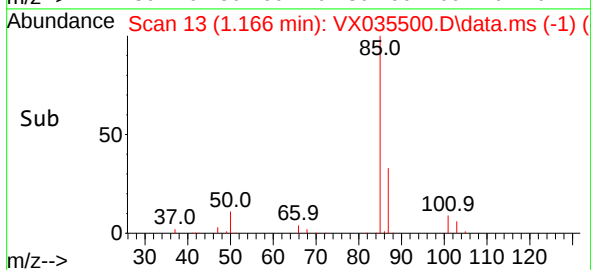
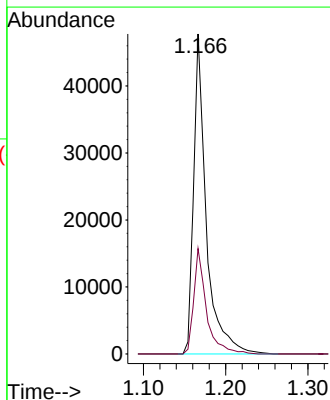
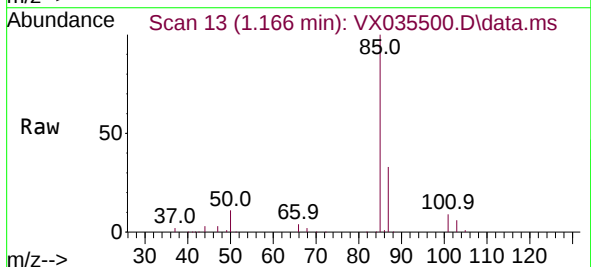
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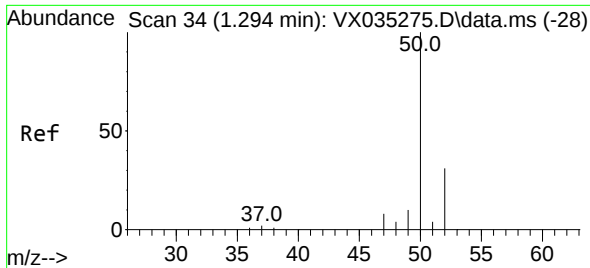
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#2
Dichlorodifluoromethane
Concen: 19.386 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

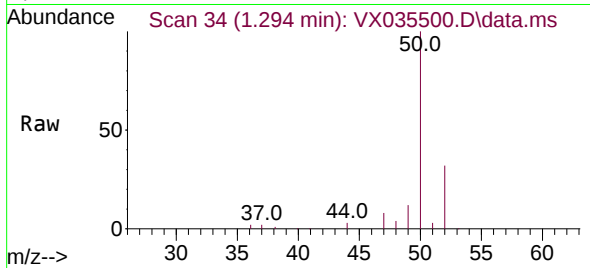
Tgt Ion: 85 Resp: 50990
Ion Ratio Lower Upper
85 100
87 32.9 16.4 49.1





#3
Chloromethane
Concen: 16.827 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

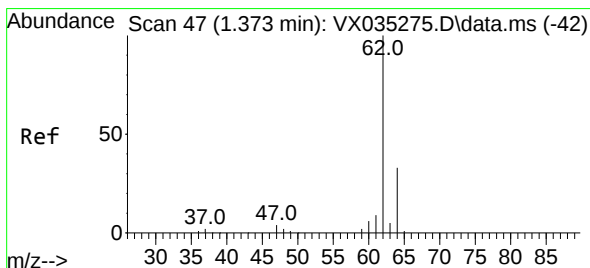
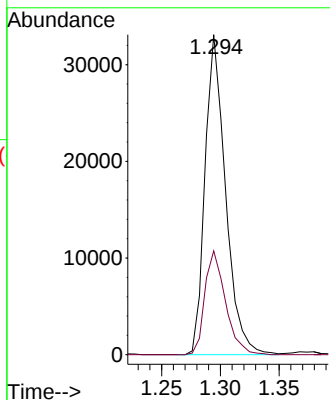
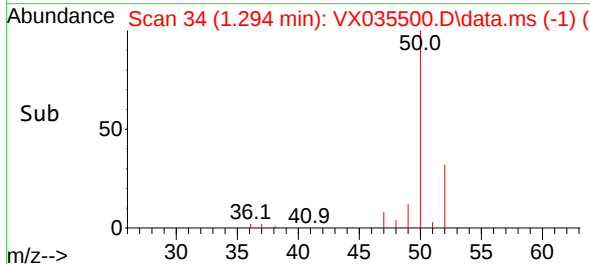
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 4026
Ion Ratio Lower Upper
50 100
52 32.5 25.9 38.9

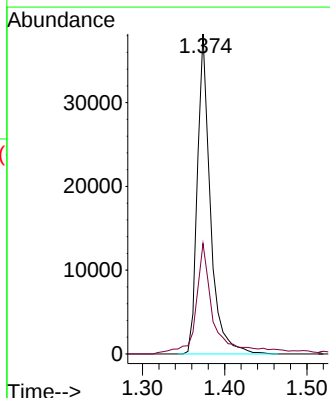
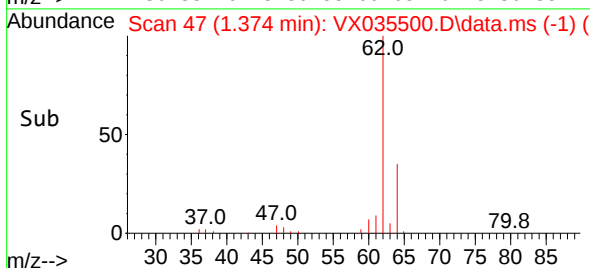
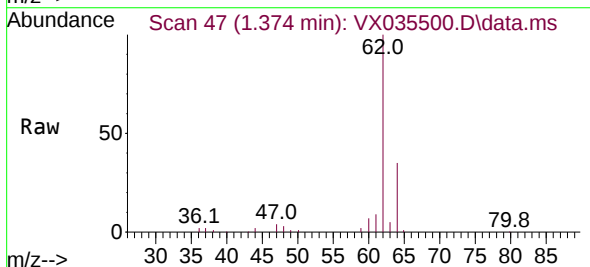
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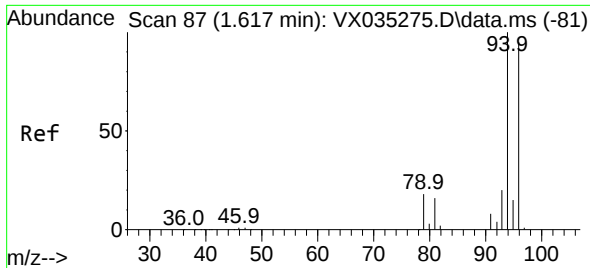
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#4
Vinyl Chloride
Concen: 17.406 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

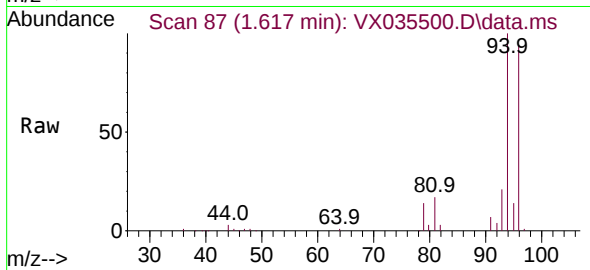
Tgt Ion: 62 Resp: 41771
Ion Ratio Lower Upper
62 100
64 33.2 26.4 39.6





#5
Bromomethane
Concen: 17.432 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

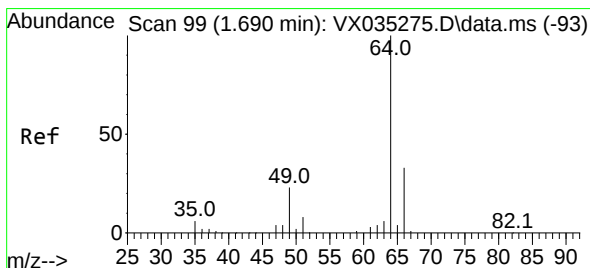
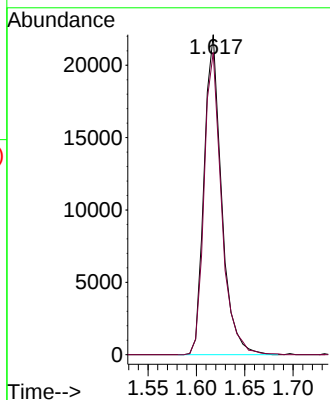
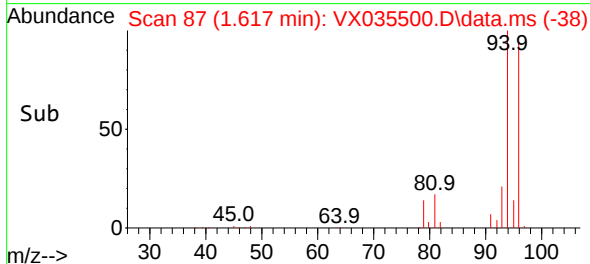
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Tgt Ion: 94 Resp: 2780
Ion Ratio Lower Upper
94 100
96 94.4 77.0 115.6

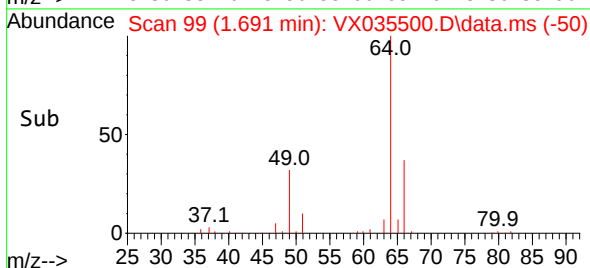
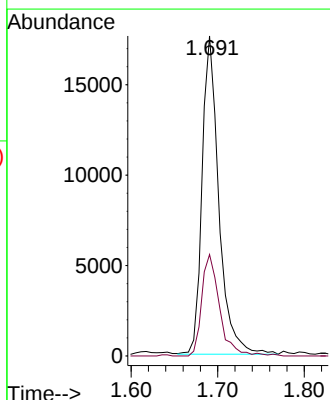
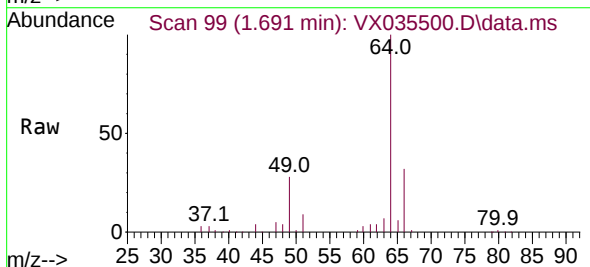
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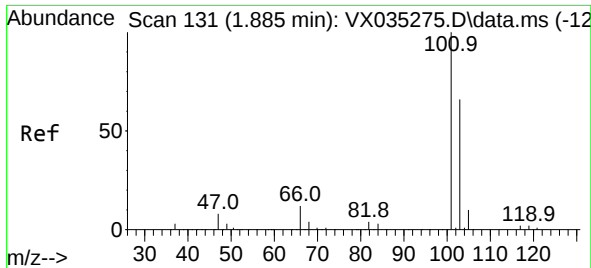
Reviewed By :John Carlone 05/03/2023
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#6
Chloroethane
Concen: 16.828 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

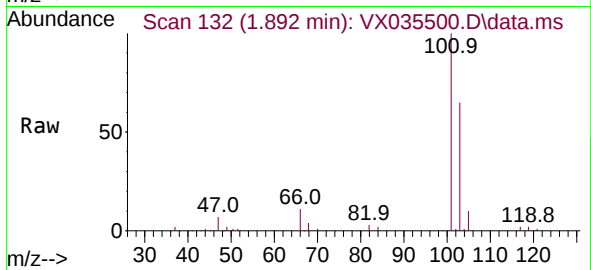
Tgt Ion: 64 Resp: 23619
Ion Ratio Lower Upper
64 100
66 31.9 26.2 39.4





#7
Trichlorofluoromethane
Concen: 19.532 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

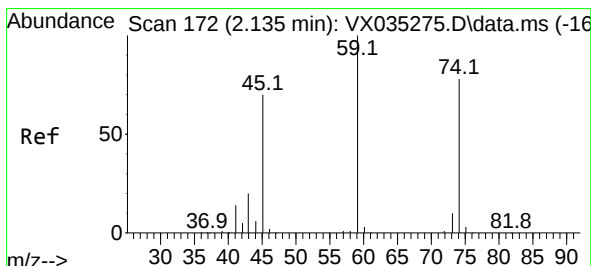
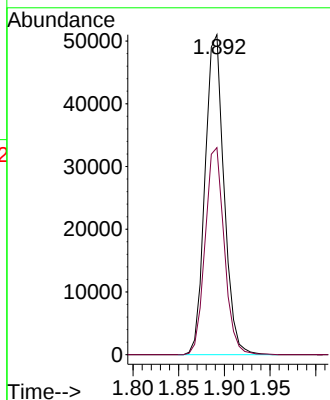
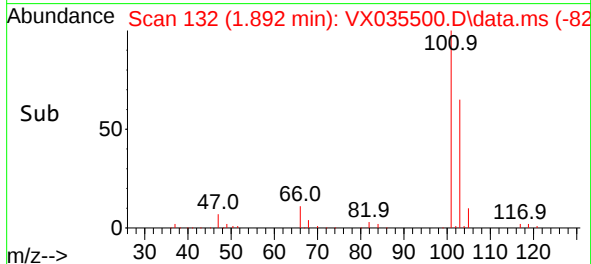
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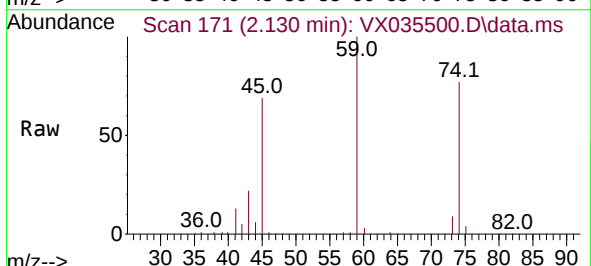
Tgt Ion:101 Resp: 73295
Ion Ratio Lower Upper
101 100
103 64.7 52.0 78.0

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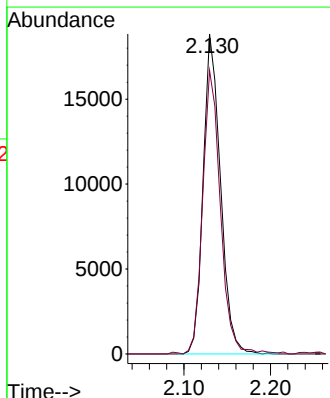
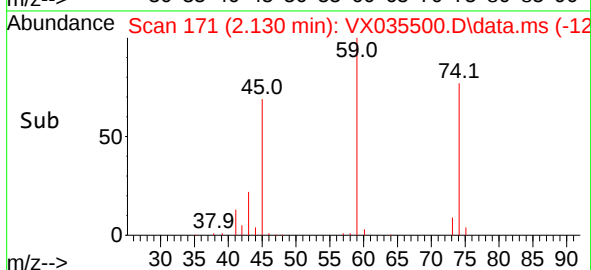
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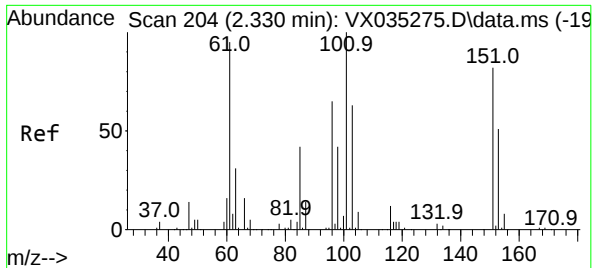


#8
Diethyl Ether
Concen: 19.139 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.005 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24



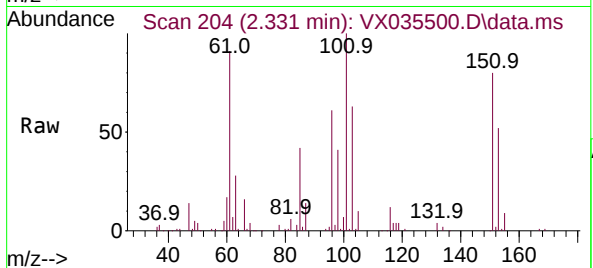
Tgt Ion: 74 Resp: 26188
Ion Ratio Lower Upper
74 100
45 91.0 49.8 149.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.660 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.001 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

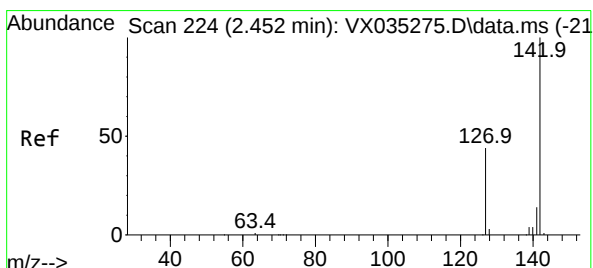
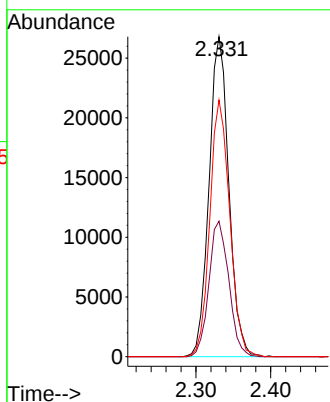
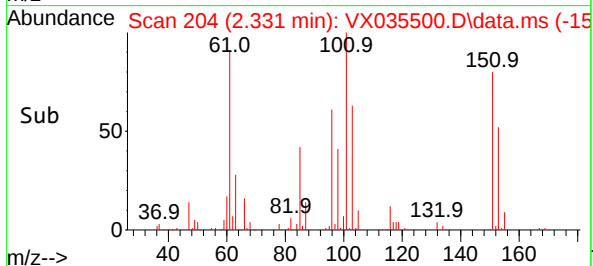
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01



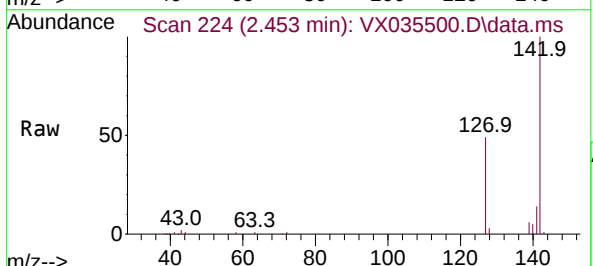
Tgt Ion:101 Resp: 49278
Ion Ratio Lower Upper
101 100
85 42.6 35.4 53.2
151 80.7 60.2 90.4

Manual Integrations
APPROVED

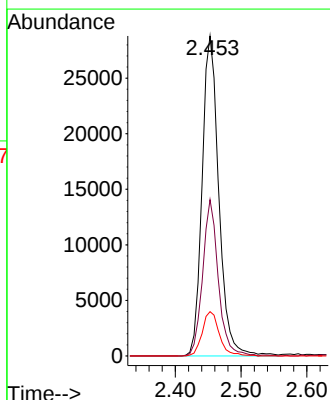
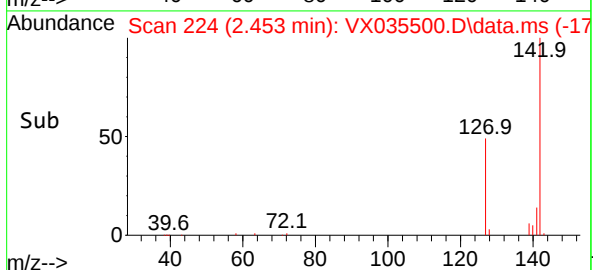
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023

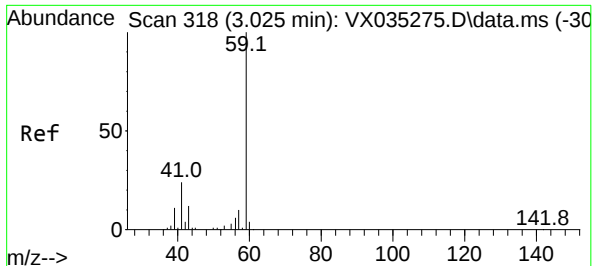


#10
Methyl Iodide
Concen: 16.144 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24



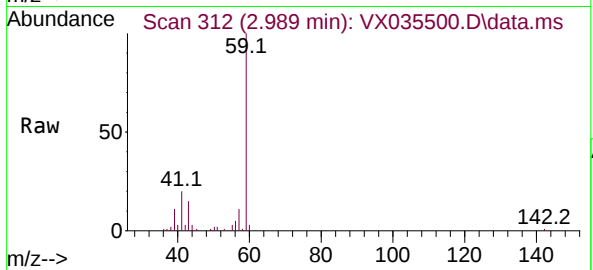
Tgt Ion:142 Resp: 51069
Ion Ratio Lower Upper
142 100
127 45.6 34.0 51.0
141 14.1 11.1 16.7





#11
Tert butyl alcohol
Concen: 103.985 ug/l
RT: 2.989 min Scan# 318
Delta R.T. -0.036 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

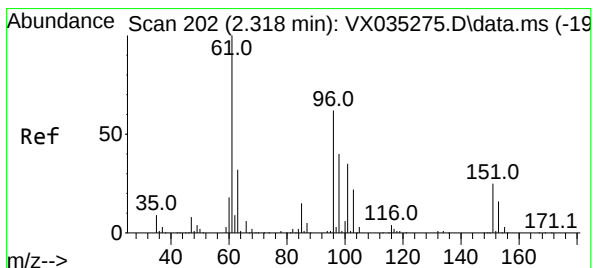
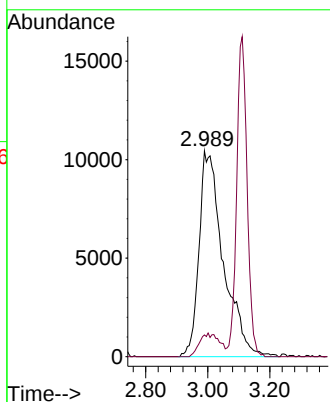
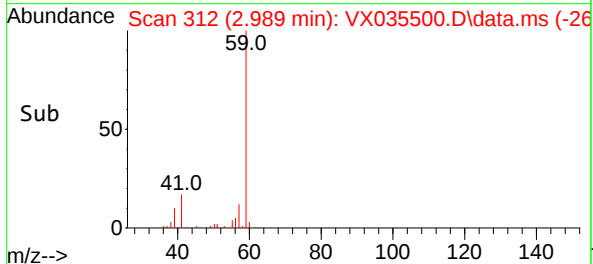
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01



Tgt Ion: 59 Resp: 56780
Ion Ratio Lower Upper
59 100
57 9.2 8.1 12.1

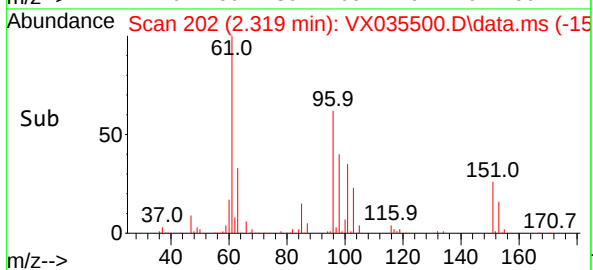
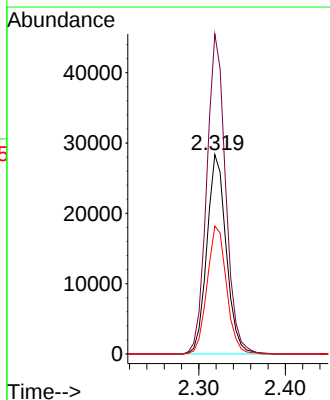
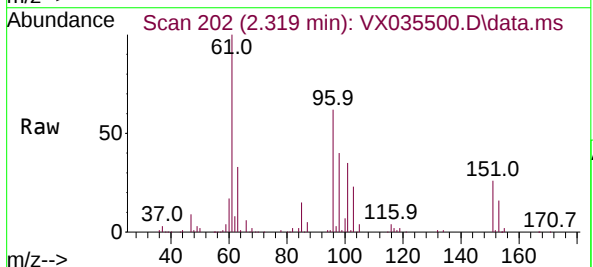
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#12
1,1-Dichloroethene
Concen: 18.194 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

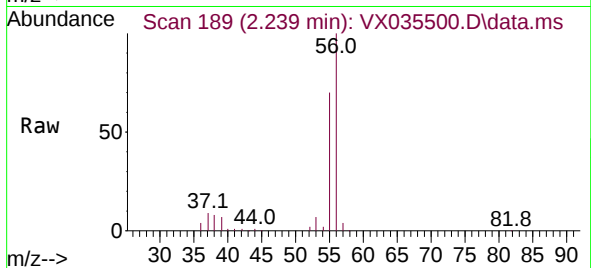
Tgt Ion: 96 Resp: 43925
Ion Ratio Lower Upper
96 100
61 160.6 128.8 193.2
98 64.1 51.4 77.0





#13
Acrolein
Concen: 99.212 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

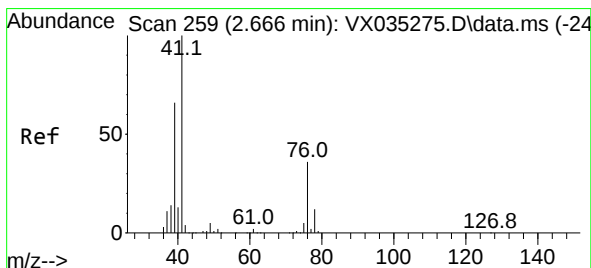
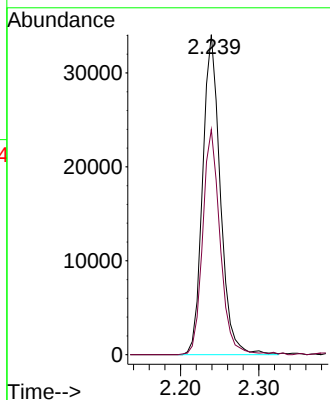
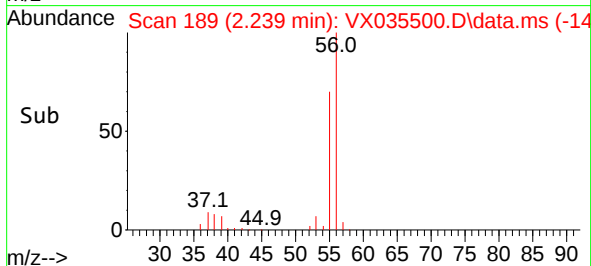
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01



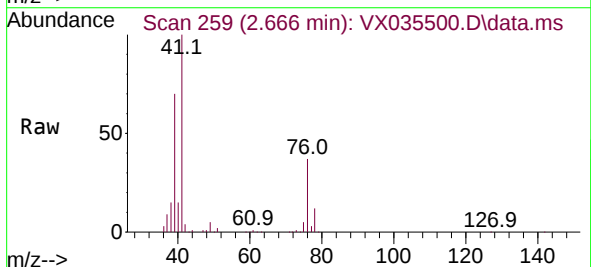
Tgt Ion: 56 Resp: 53270
Ion Ratio Lower Upper
56 100
55 69.2 56.6 85.0

Manual Integrations
APPROVED

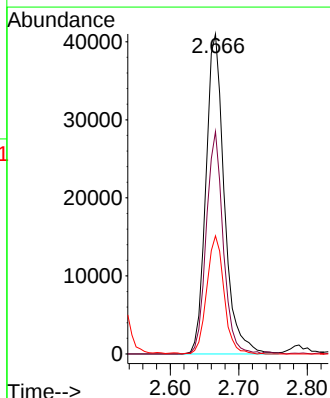
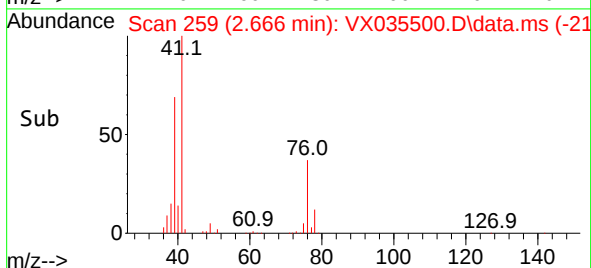
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023

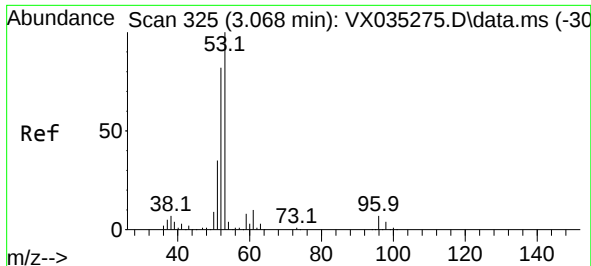


#14
Allyl chloride
Concen: 18.048 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24



Tgt Ion: 41 Resp: 76678
Ion Ratio Lower Upper
41 100
39 63.5 52.4 78.6
76 34.5 26.0 39.0





#15

Acrylonitrile

Concen: 98.282 ug/l

RT: 3.062 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX035500.D

Acq: 03 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

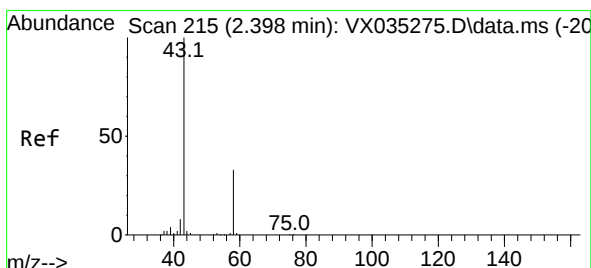
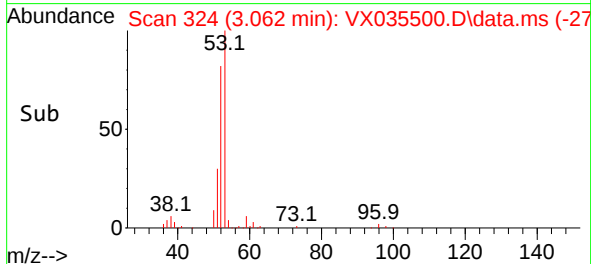
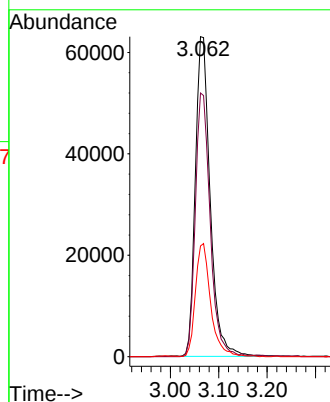
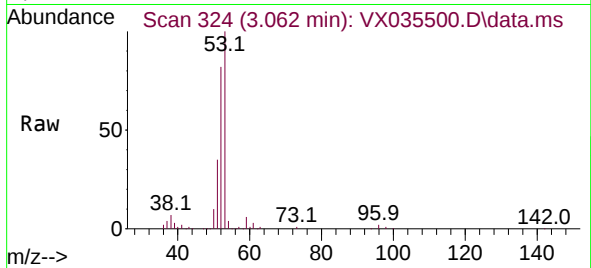
Tgt Ion: 53	Resp: 134224
Ion Ratio	Lower Upper
53	100
52	82.6 66.2 99.2
51	36.5 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#16

Acetone

Concen: 99.304 ug/l

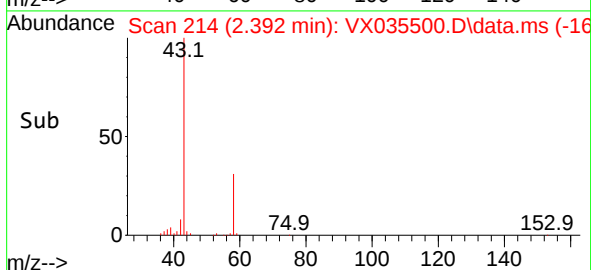
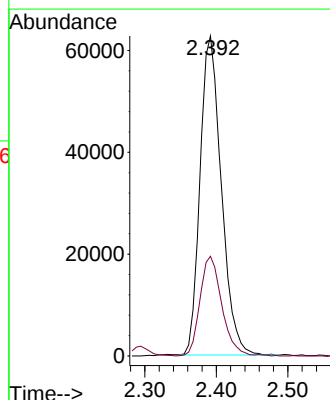
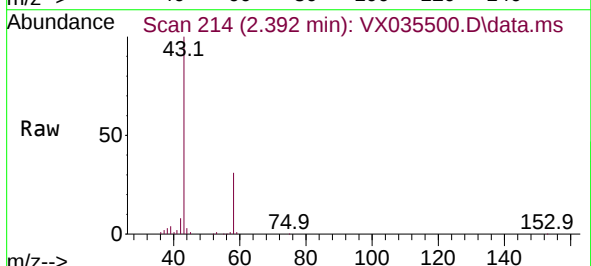
RT: 2.392 min Scan# 214

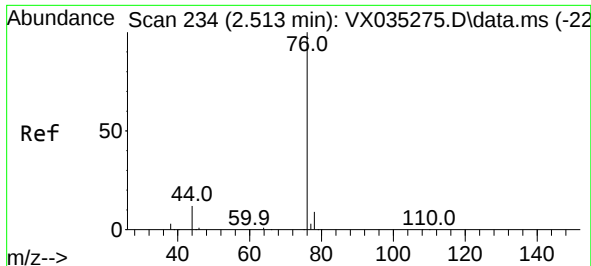
Delta R.T. -0.006 min

Lab File: VX035500.D

Acq: 03 May 2023 11:24

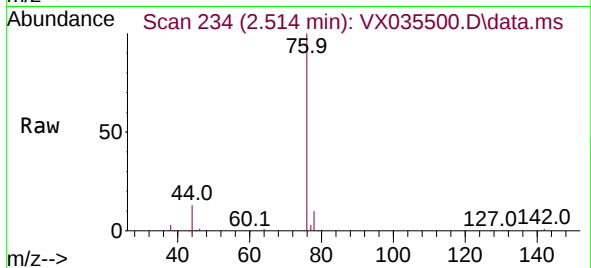
Tgt Ion: 43	Resp: 129341
Ion Ratio	Lower Upper
43	100
58	31.3 24.7 37.1





#17
Carbon Disulfide
Concen: 16.808 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

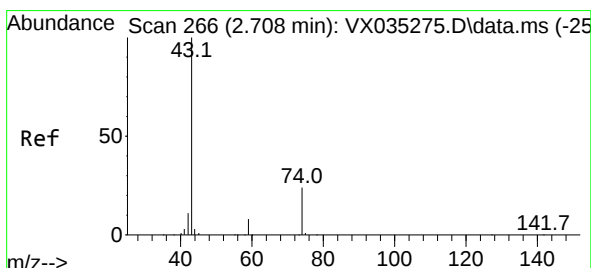
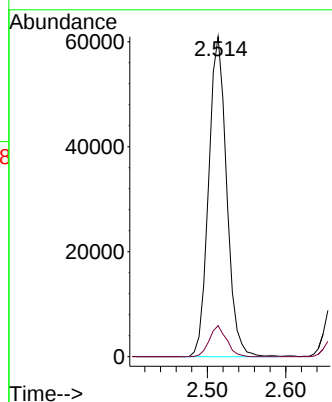
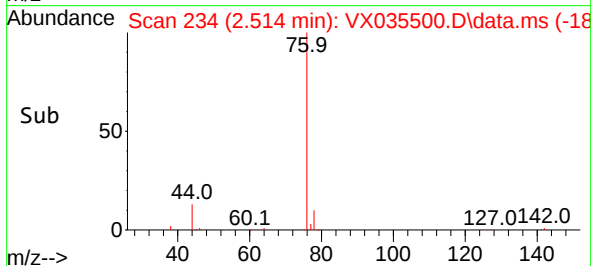
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01



Tgt Ion: 76 Resp: 97275
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8

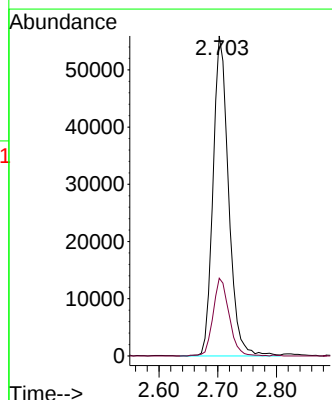
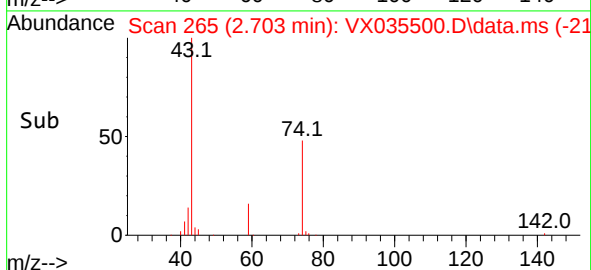
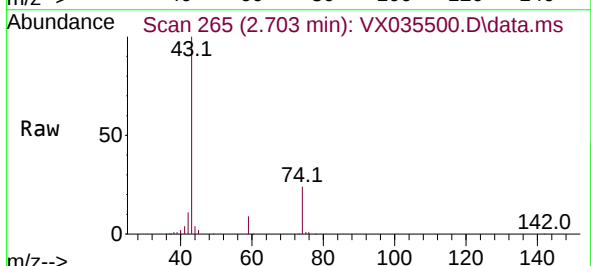
Manual Integrations
APPROVED

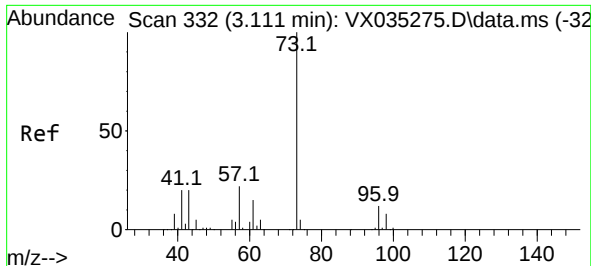
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#18
Methyl Acetate
Concen: 20.441 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.005 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

Tgt Ion: 43 Resp: 102953
Ion Ratio Lower Upper
43 100
74 25.0 18.3 27.5





#19

Methyl tert-butyl Ether

Concen: 21.369 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX035500.D

Acq: 03 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

Tgt Ion: 73 Resp: 176990

Ion Ratio Lower Upper

73 100

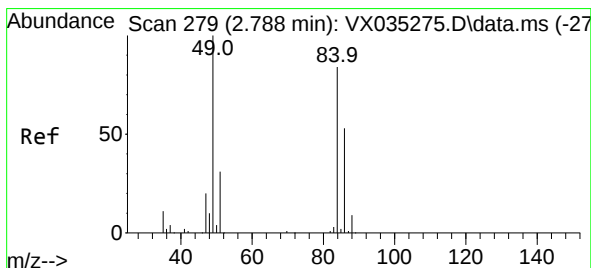
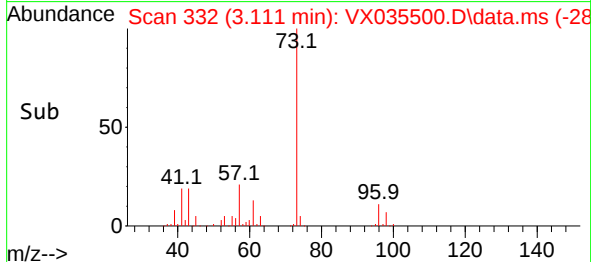
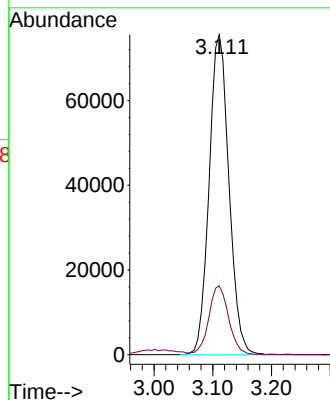
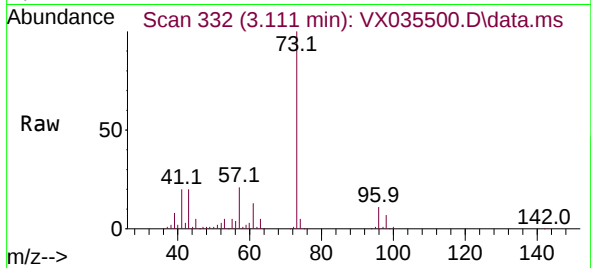
57 21.5 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#20

Methylene Chloride

Concen: 18.234 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX035500.D

Acq: 03 May 2023 11:24

Tgt Ion: 84 Resp: 54457

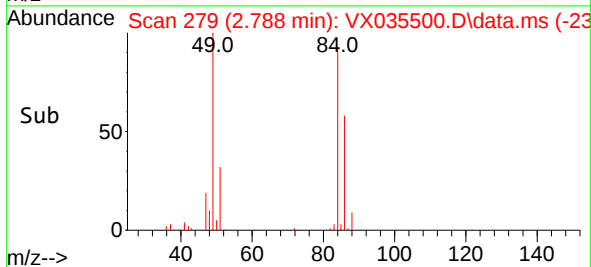
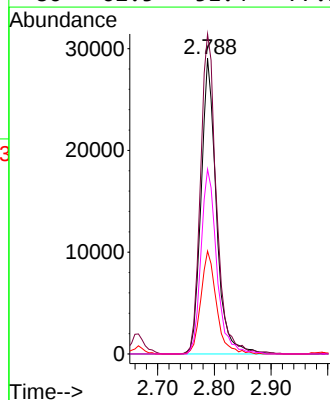
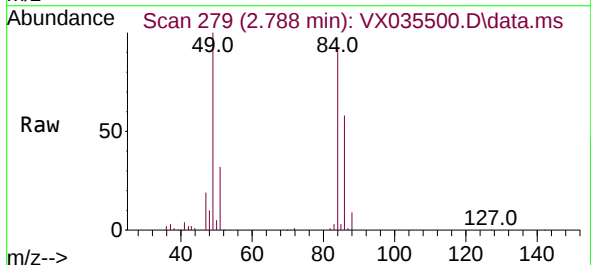
Ion Ratio Lower Upper

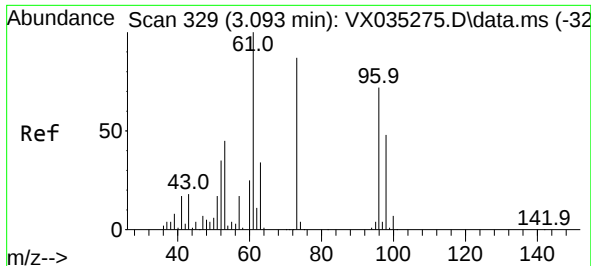
84 100

49 108.3 103.8 155.8

51 34.8 31.8 47.8

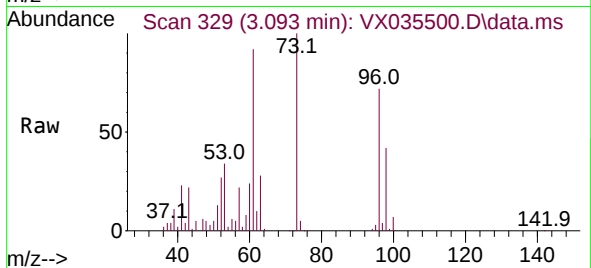
86 62.5 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 18.950 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

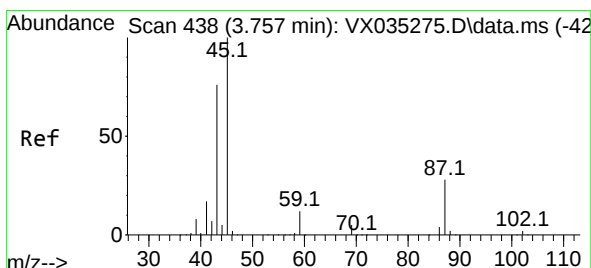
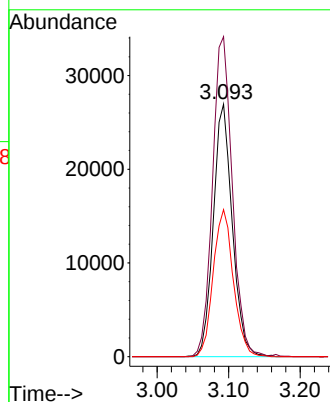
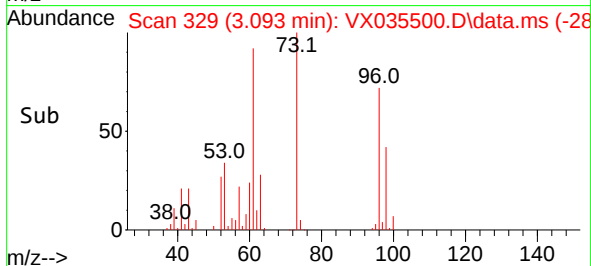
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01



Tgt Ion: 96 Resp: 49688
Ion Ratio Lower Upper
96 100
61 126.8 113.0 169.6
98 58.2 52.1 78.1

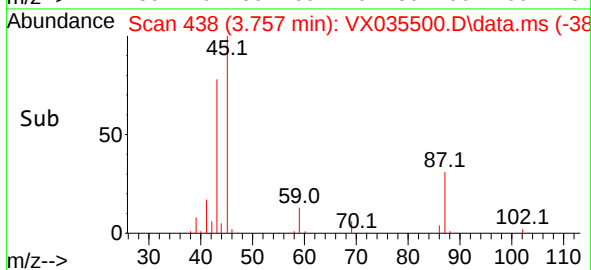
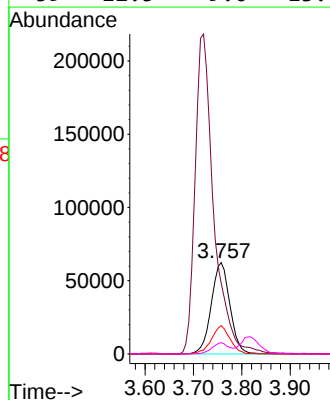
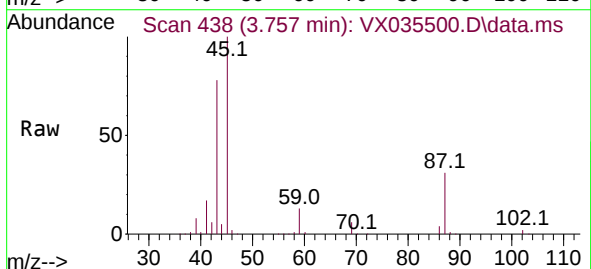
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#22
Diisopropyl ether
Concen: 19.863 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

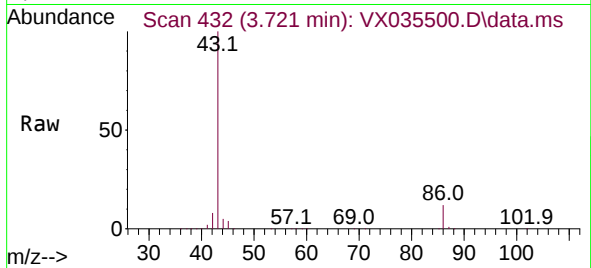
Tgt Ion: 45 Resp: 167002
Ion Ratio Lower Upper
45 100
43 77.3 65.4 98.2
87 30.9 20.6 31.0
59 12.5 9.0 13.6





#23
 Vinyl Acetate
 Concen: 101.630 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VX035500.D
 Acq: 03 May 2023 11:24

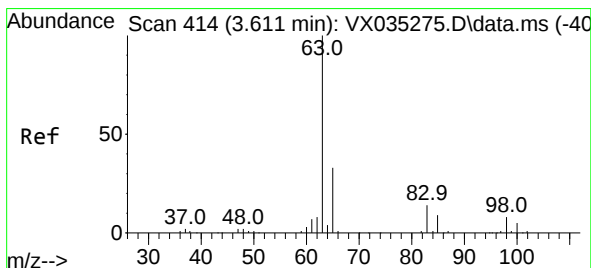
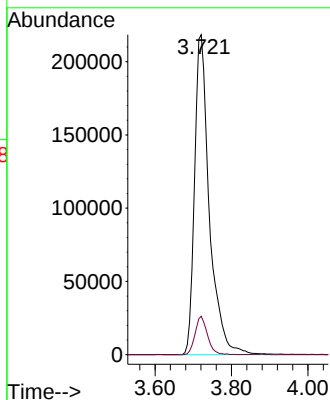
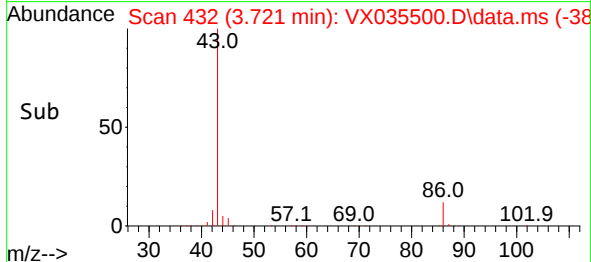
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBSD01



Tgt Ion: 43 Resp: 587320
 Ion Ratio Lower Upper
 43 100
 86 12.0 8.5 12.7

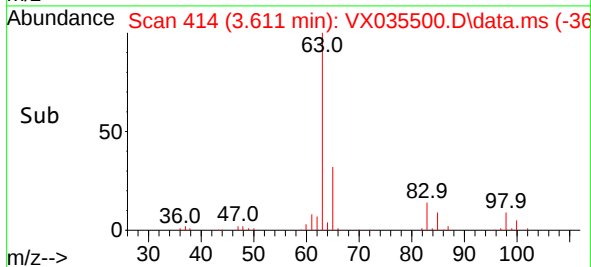
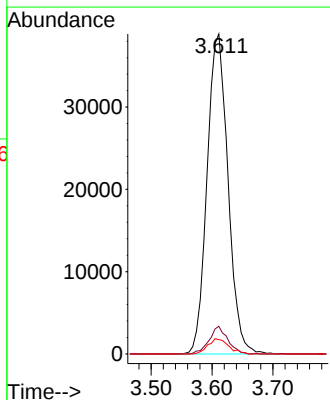
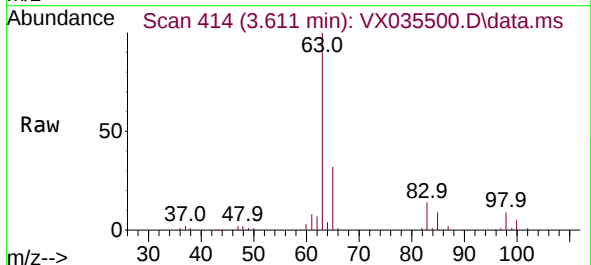
Manual Integrations
 APPROVED

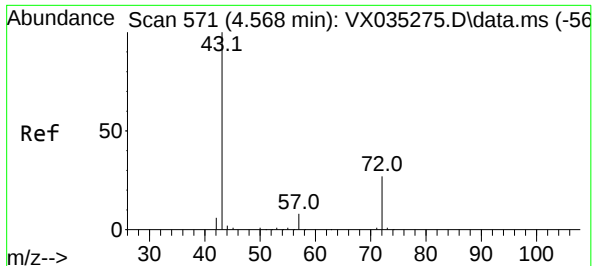
Reviewed By :John Carlone 05/03/2023
 Supervised By :Mahesh Dadoda 05/04/2023



#24
 1,1-Dichloroethane
 Concen: 19.609 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX035500.D
 Acq: 03 May 2023 11:24

Tgt Ion: 63 Resp: 92865
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.8 11.2
 100 4.5 2.4 7.1





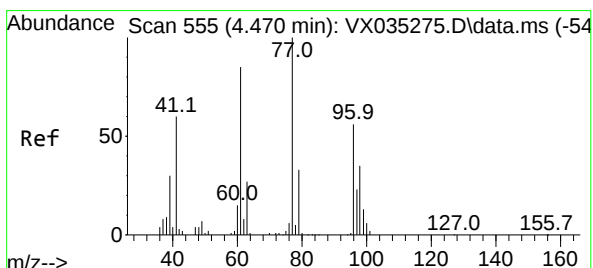
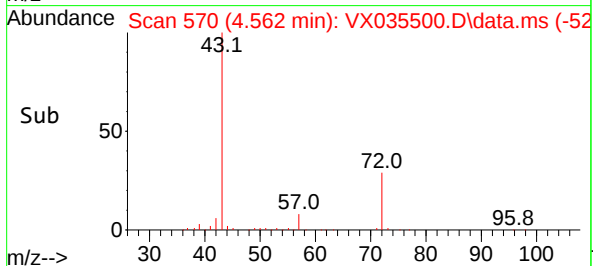
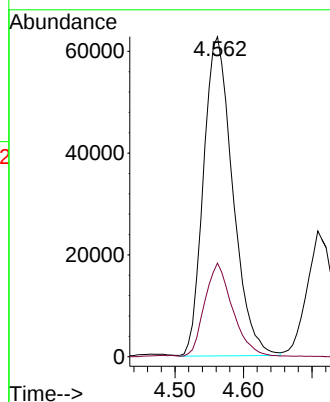
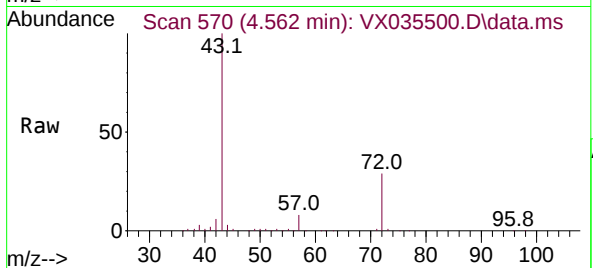
#25
2-Butanone
Concen: 97.693 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01

Tgt Ion: 43 Resp: 18572
Ion Ratio Lower Upper
43 100
72 29.2 19.3 28.9

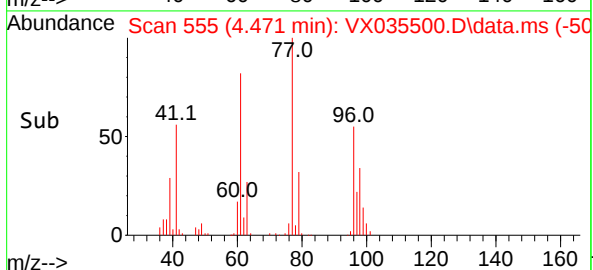
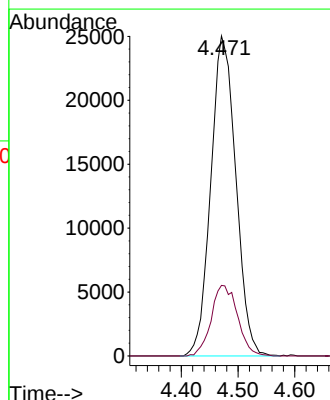
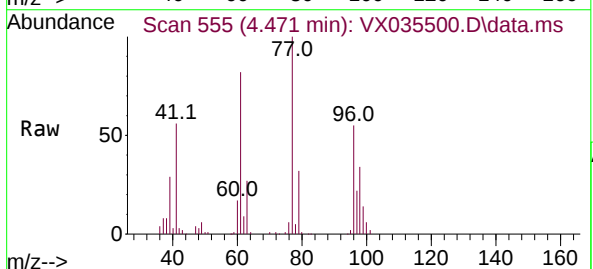
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#26
2,2-Dichloropropane
Concen: 20.704 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.001 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

Tgt Ion: 77 Resp: 76817
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 19.272 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX035500.D

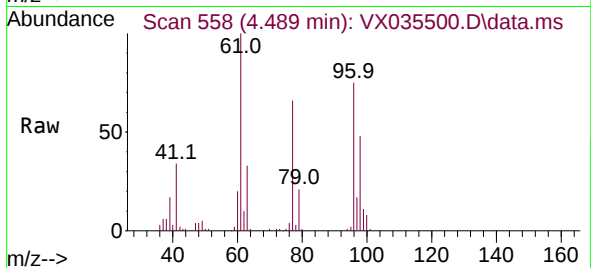
Acq: 03 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01



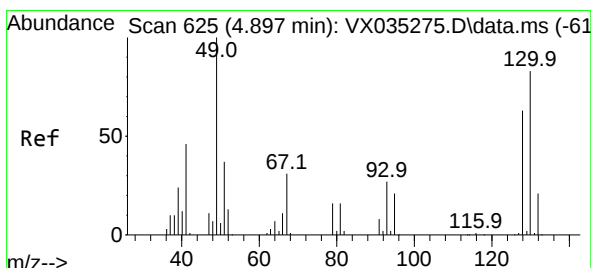
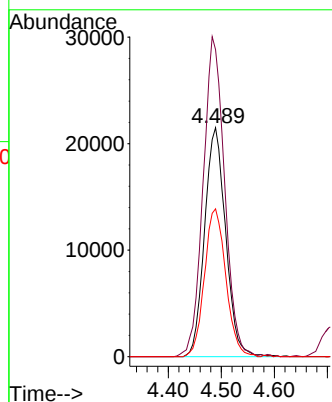
Tgt Ion:	96	Resp:	5939
Ion	Ratio	Lower	Upper
96	100		
61	142.1	0.0	300.4
98	65.4	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#28

Bromochloromethane

Concen: 21.308 ug/l

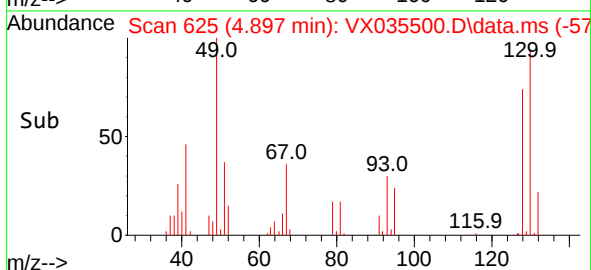
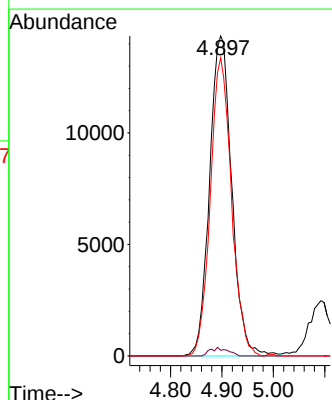
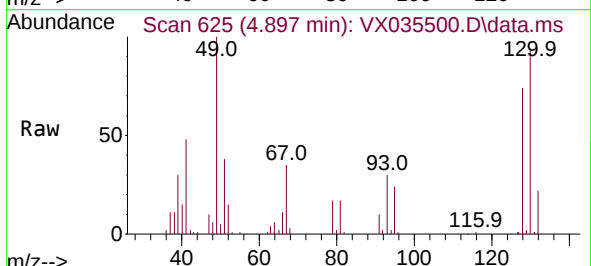
RT: 4.897 min Scan# 625

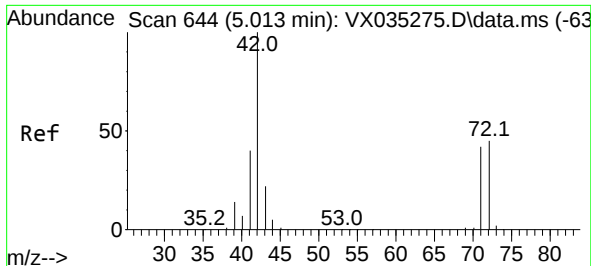
Delta R.T. 0.000 min

Lab File: VX035500.D

Acq: 03 May 2023 11:24

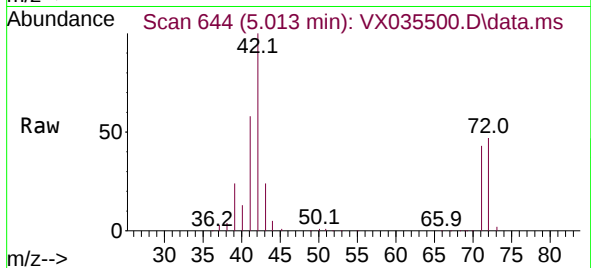
Tgt Ion:	49	Resp:	43002
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	88.7	58.2	87.2





#29
Tetrahydrofuran
Concen: 95.510 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.000 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

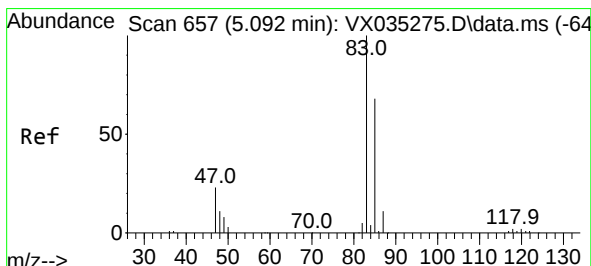
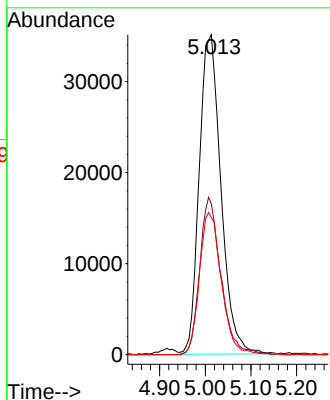
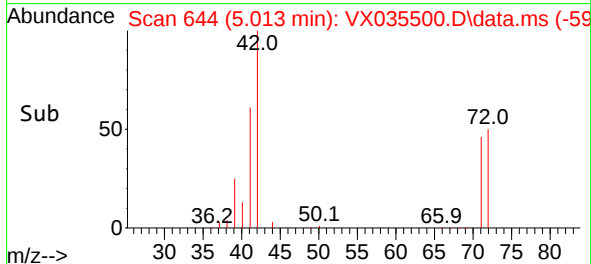
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01



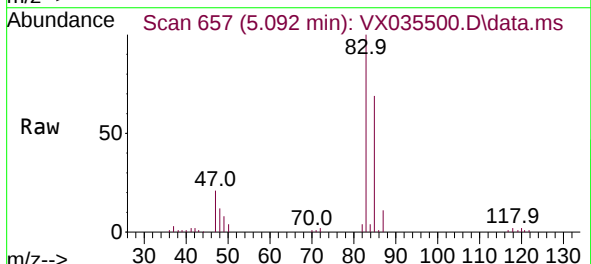
Tgt Ion: 42 Resp: 116397
Ion Ratio Lower Upper
42 100
72 47.7 34.5 51.7
71 44.8 32.1 48.1

Manual Integrations
APPROVED

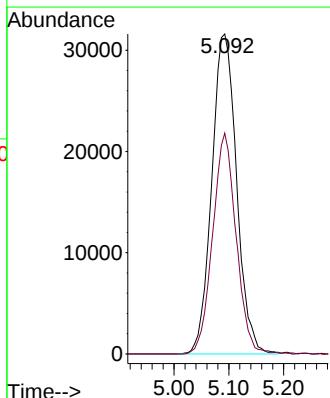
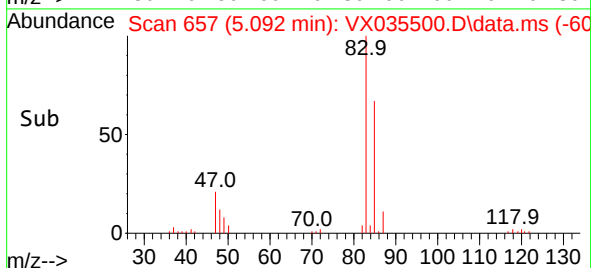
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023

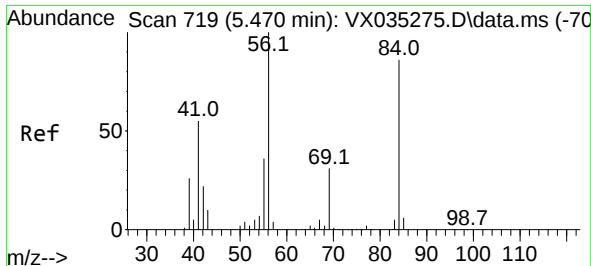


#30
Chloroform
Concen: 20.806 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24



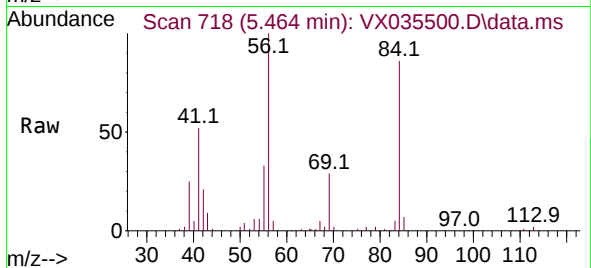
Tgt Ion: 83 Resp: 99469
Ion Ratio Lower Upper
83 100
85 69.0 50.6 76.0





#31
Cyclohexane
Concen: 18.414 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

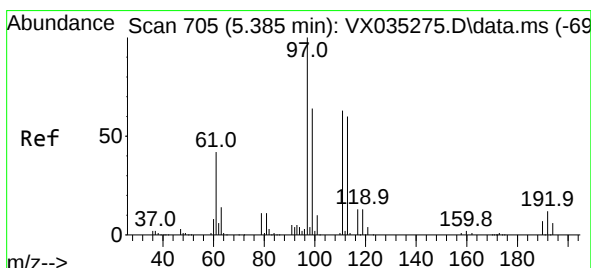
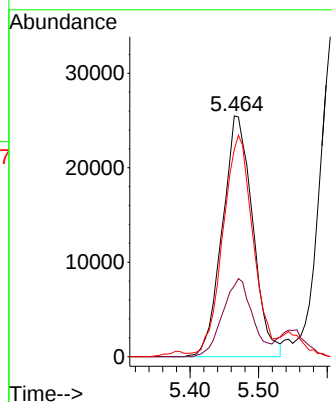
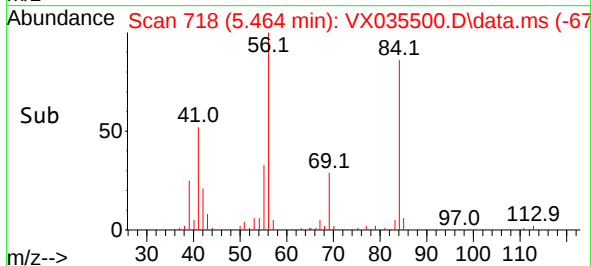
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01



Tgt Ion: 56 Resp: 7833
Ion Ratio Lower Upper
56 100
69 29.4 23.7 35.5
84 83.8 68.5 102.7

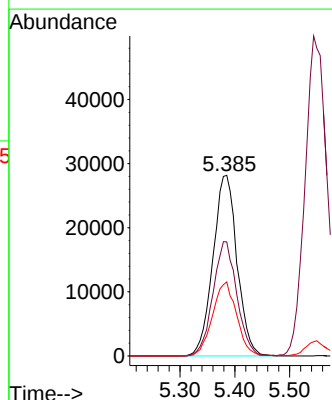
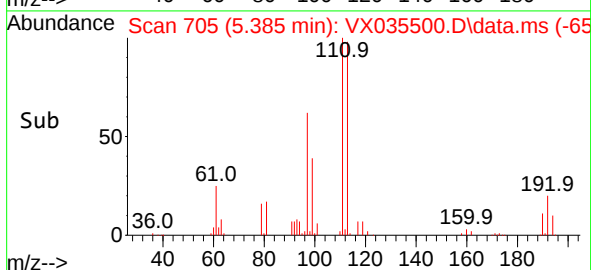
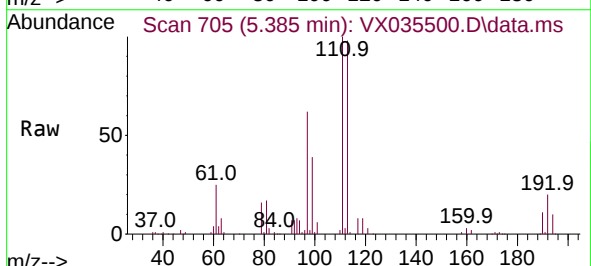
Manual Integrations
APPROVED

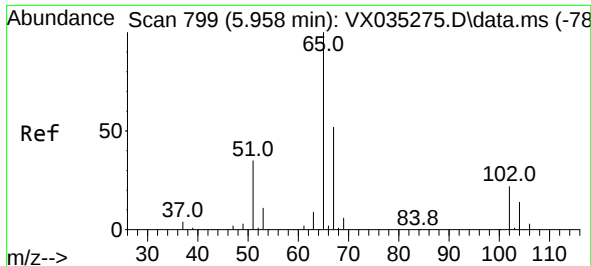
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#32
1,1,1-Trichloroethane
Concen: 20.533 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

Tgt Ion: 97 Resp: 86029
Ion Ratio Lower Upper
97 100
99 62.6 51.1 76.7
61 40.8 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 52.704 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035500.D

Acq: 03 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

Tgt Ion: 65 Resp: 158054

Ion Ratio Lower Upper

65 100

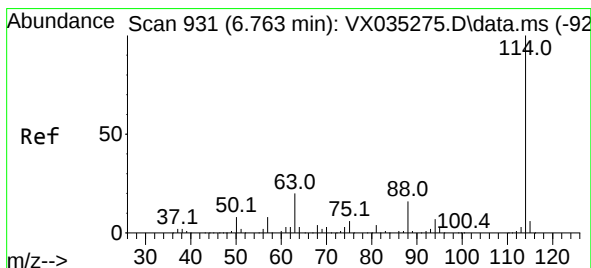
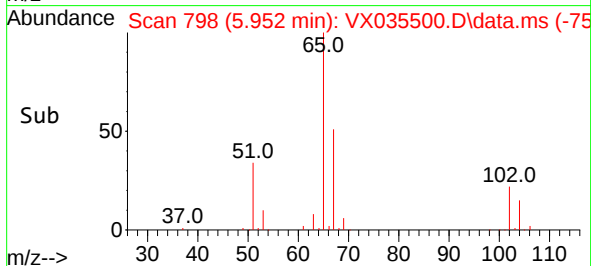
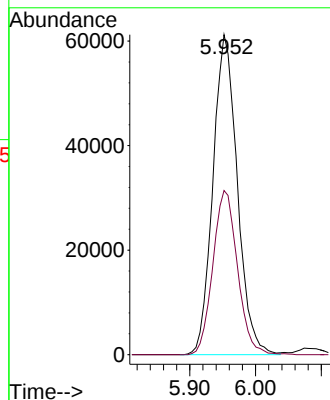
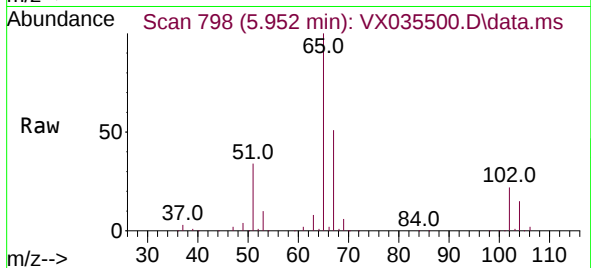
67 51.8 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035500.D

Acq: 03 May 2023 11:24

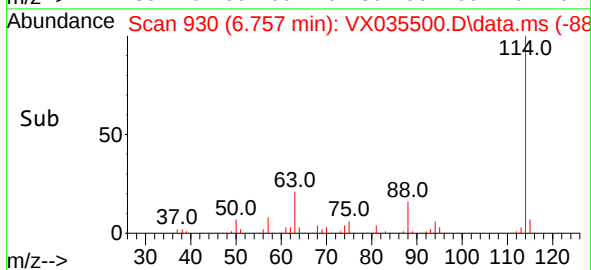
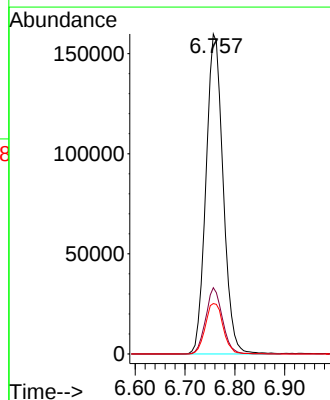
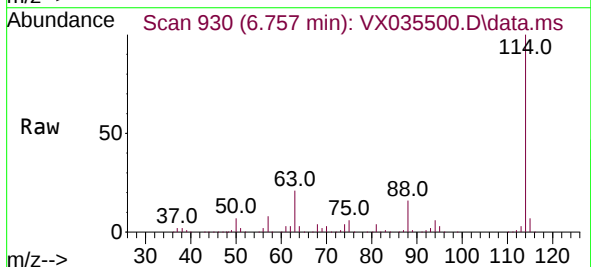
Tgt Ion:114 Resp: 382023

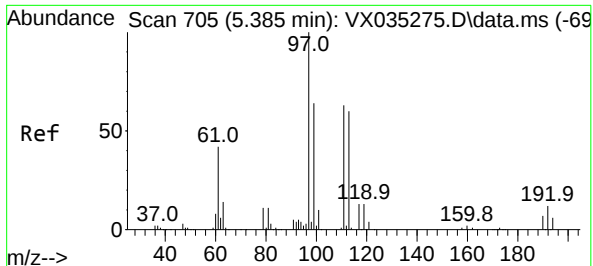
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.2

88 15.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 55.881 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX035500.D

Acq: 03 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

Tgt Ion:113 Resp: 13102

Ion Ratio Lower Upper

113 100

111 103.0 83.7 125.5

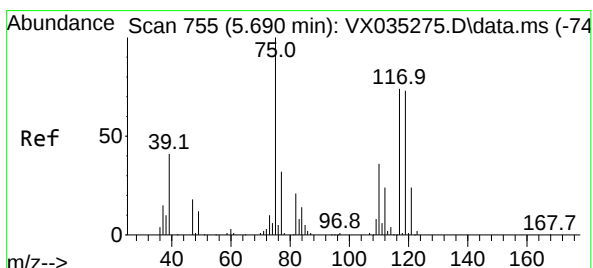
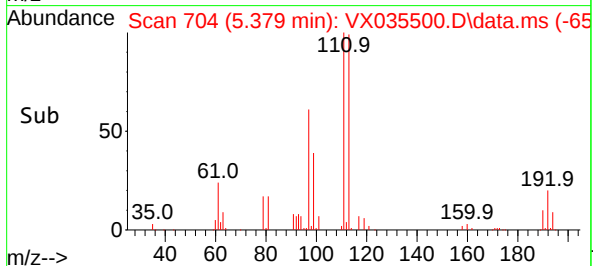
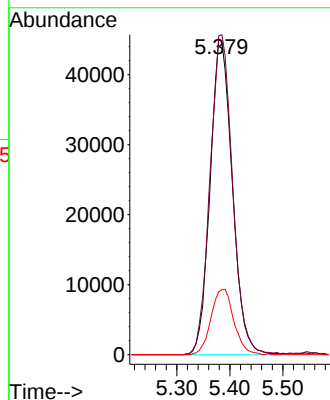
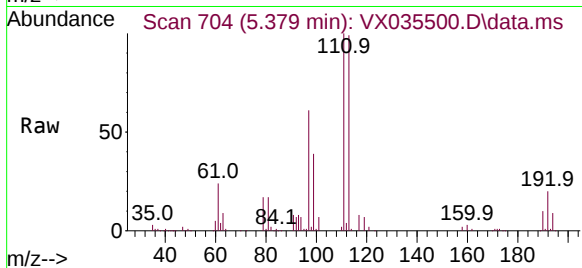
192 21.3 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#36

1,1-Dichloropropene

Concen: 19.340 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.000 min

Lab File: VX035500.D

Acq: 03 May 2023 11:24

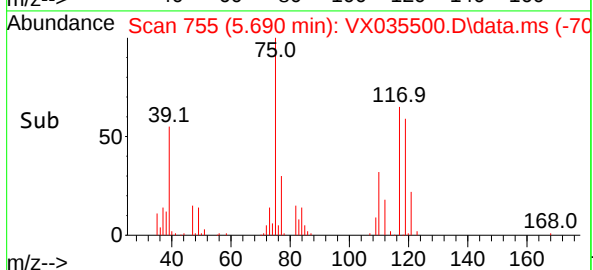
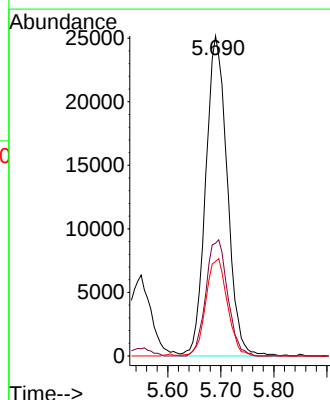
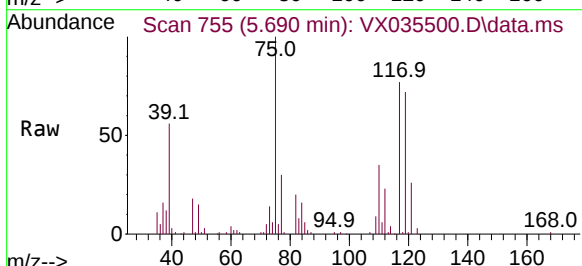
Tgt Ion: 75 Resp: 70807

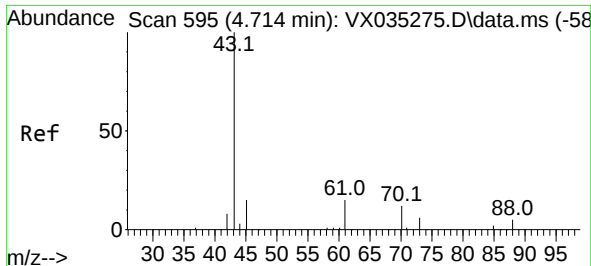
Ion Ratio Lower Upper

75 100

110 36.9 17.5 52.5

77 30.6 24.3 36.5





#37

Ethyl Acetate

Concen: 20.231 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX035500.D

Acq: 03 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

Tgt Ion: 43 Resp: 67650

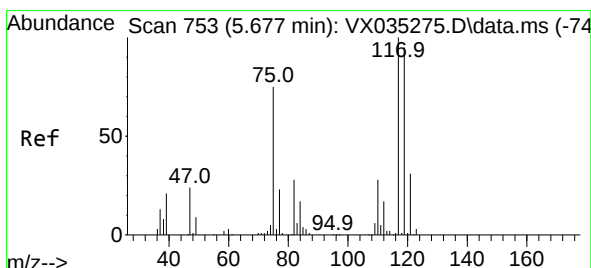
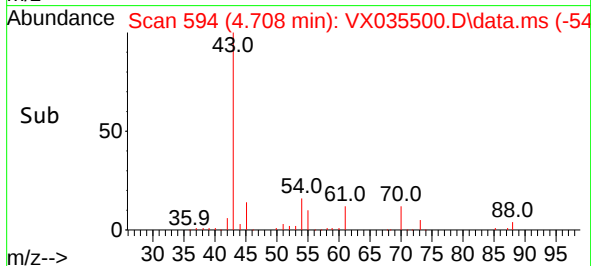
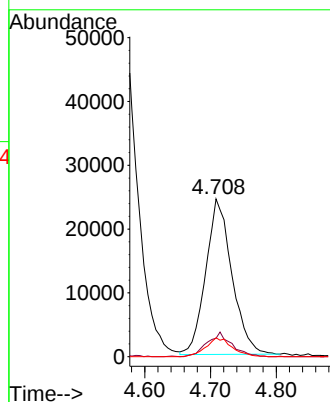
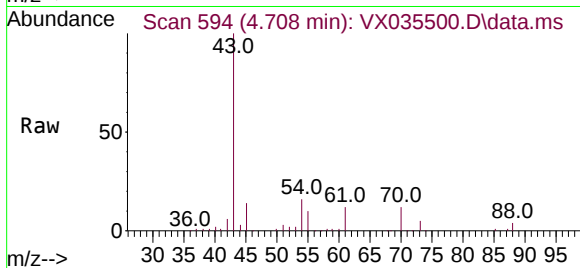
Ion	Ratio	Lower	Upper
43	100		
61	14.7	10.2	15.4
70	12.0	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#38

Carbon Tetrachloride

Concen: 21.498 ug/l

RT: 5.672 min Scan# 752

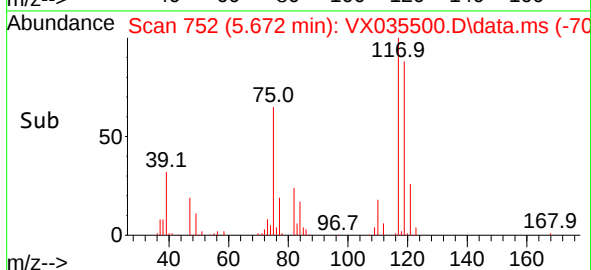
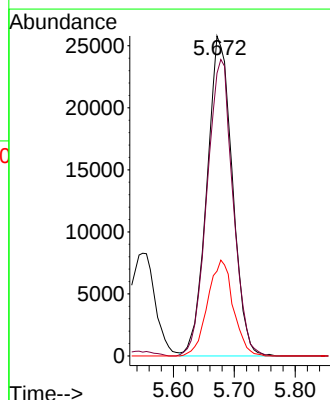
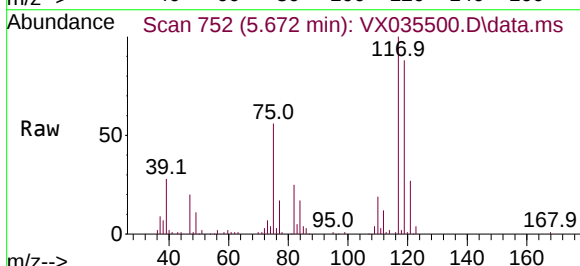
Delta R.T. -0.005 min

Lab File: VX035500.D

Acq: 03 May 2023 11:24

Tgt Ion:117 Resp: 74720

Ion	Ratio	Lower	Upper
117	100		
119	88.3	76.6	114.8
121	26.5	23.8	35.6





#39

Methylcyclohexane

Concen: 19.292 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.001 min

Lab File: VX035500.D

Acq: 03 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

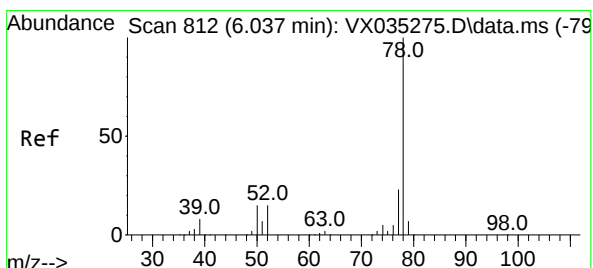
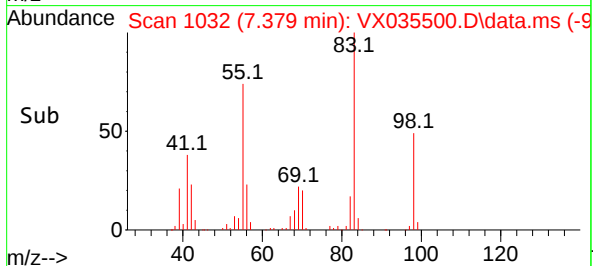
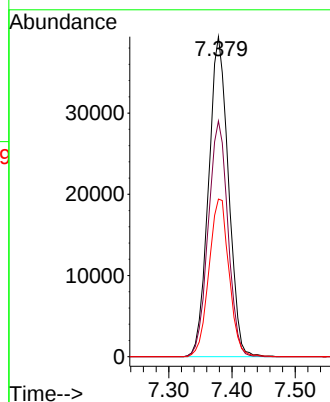
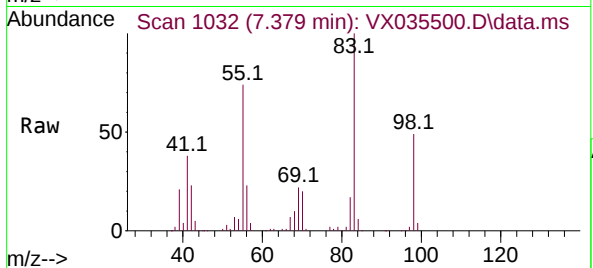
Tgt Ion: 83	Resp: 85970
Ion Ratio	Lower Upper
83 100	
55 73.7	60.5 90.7
98 49.3	40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#40

Benzene

Concen: 19.932 ug/l

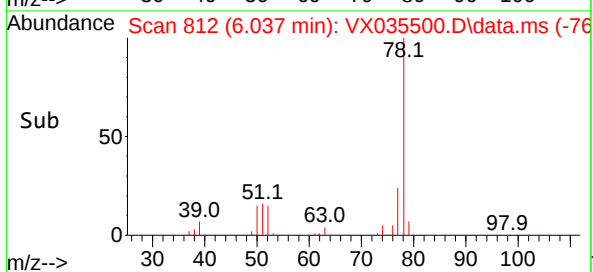
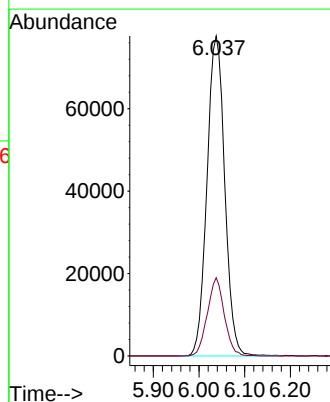
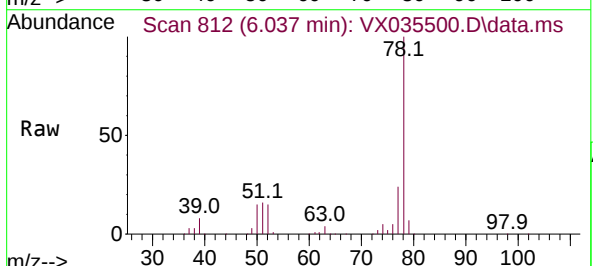
RT: 6.037 min Scan# 812

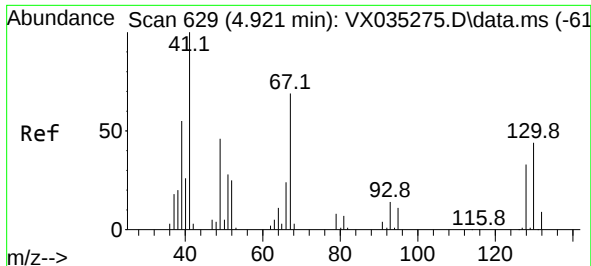
Delta R.T. 0.000 min

Lab File: VX035500.D

Acq: 03 May 2023 11:24

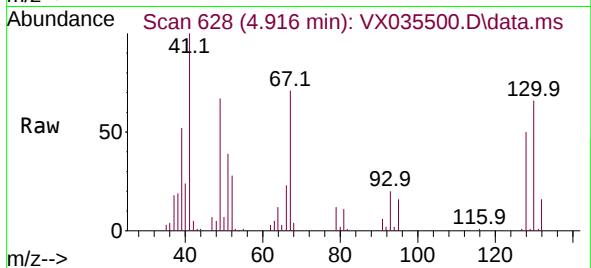
Tgt Ion: 78	Resp: 209339
Ion Ratio	Lower Upper
78 100	
77 24.5	19.0 28.4





#41
Methacrylonitrile
Concen: 21.066 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.005 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

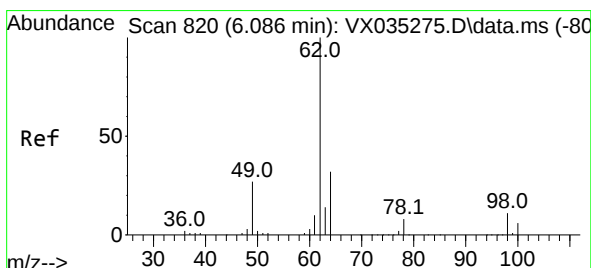
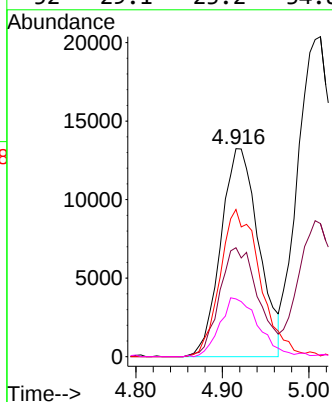
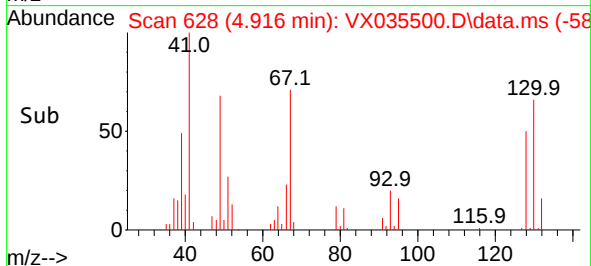
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01



Tgt Ion: 41 Resp: 4036
Ion Ratio Lower Upper
41 100
39 53.9 45.0 67.6
67 75.0 55.6 83.4
52 29.1 23.2 34.8

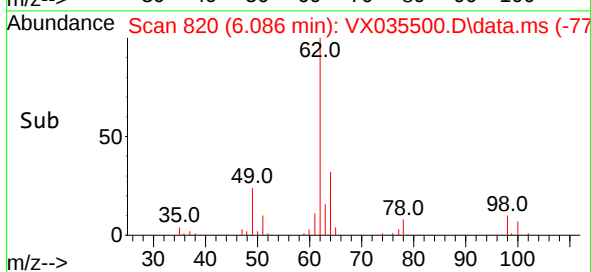
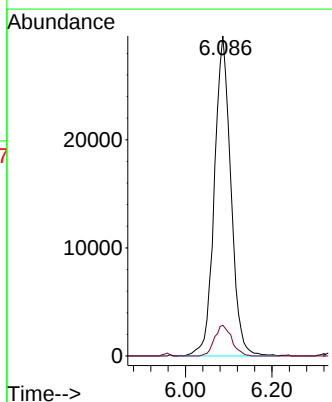
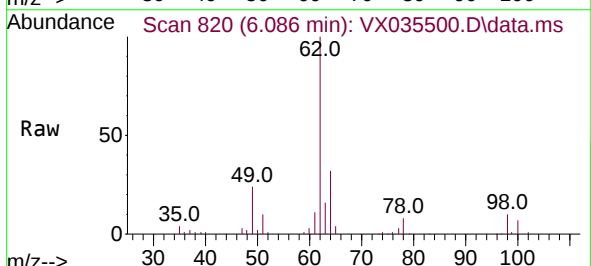
Manual Integrations
APPROVED

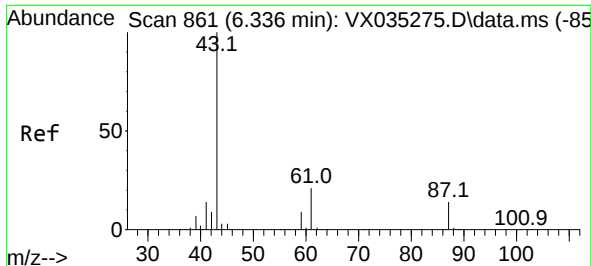
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#42
1,2-Dichloroethane
Concen: 20.967 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

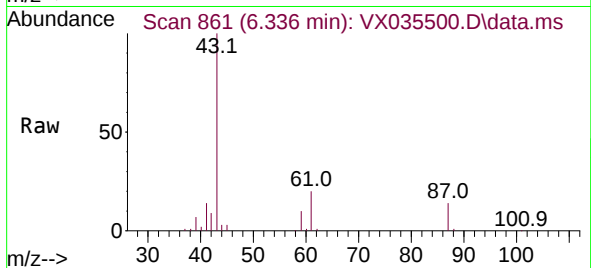
Tgt Ion: 62 Resp: 78516
Ion Ratio Lower Upper
62 100
98 10.0 0.0 18.0





#43
Isopropyl Acetate
Concen: 20.891 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

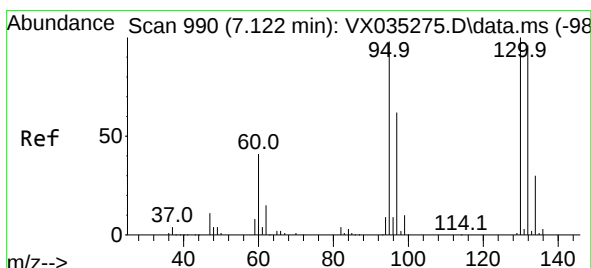
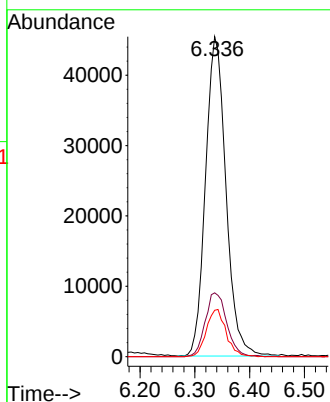
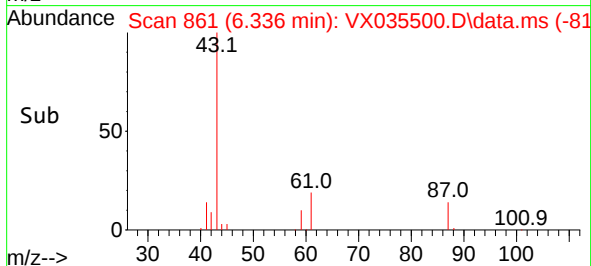
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01



Tgt Ion: 43 Resp: 11738
Ion Ratio Lower Upper
43 100
61 21.1 15.2 22.8
87 14.3 9.8 14.8

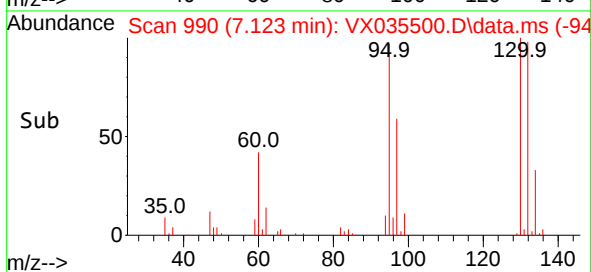
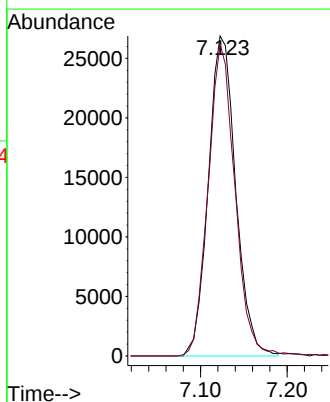
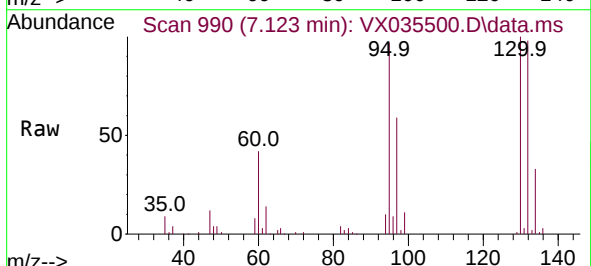
Manual Integrations
APPROVED

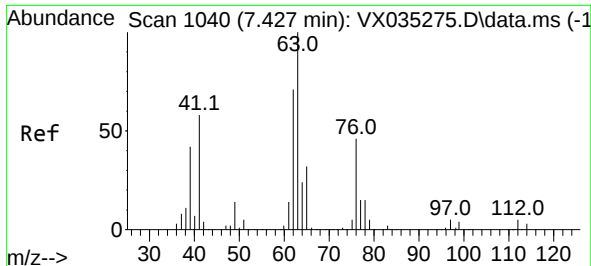
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#44
Trichloroethene
Concen: 20.374 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.001 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

Tgt Ion:130 Resp: 58948
Ion Ratio Lower Upper
130 100
95 97.5 0.0 198.4





#45

1,2-Dichloropropane

Concen: 20.720 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035500.D

Acq: 03 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

Tgt Ion: 63 Resp: 5486

Ion Ratio Lower Upper

63 100

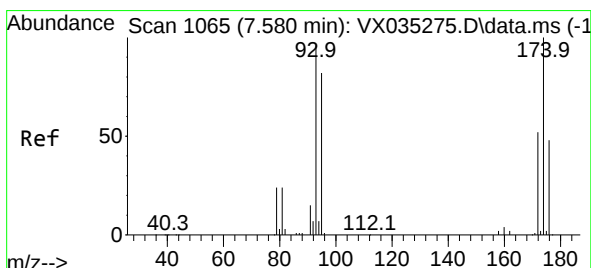
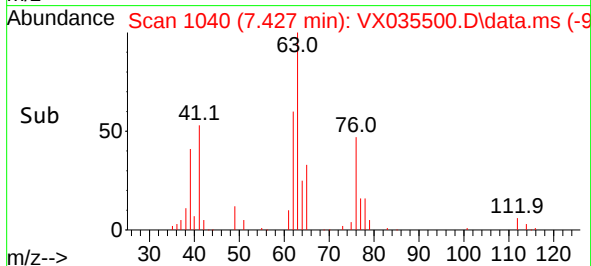
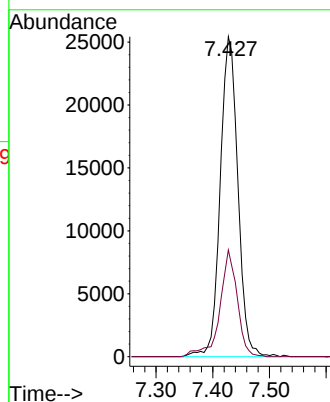
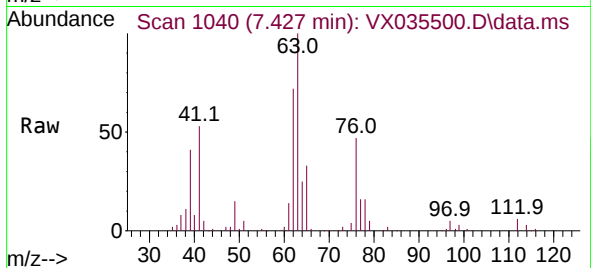
65 33.3 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#46

Dibromomethane

Concen: 20.794 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035500.D

Acq: 03 May 2023 11:24

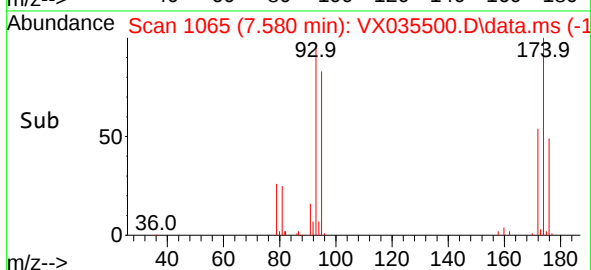
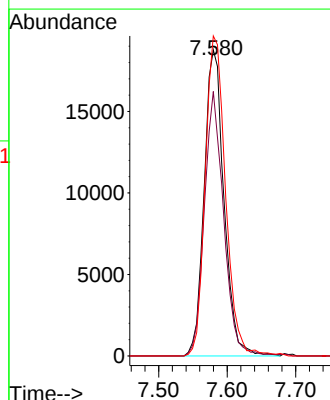
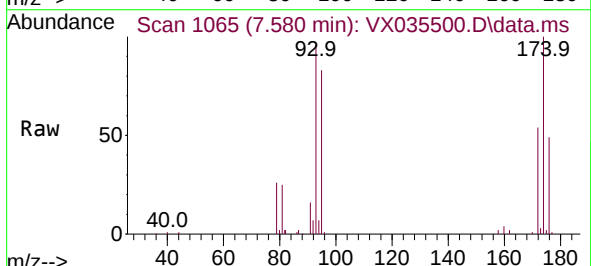
Tgt Ion: 93 Resp: 37811

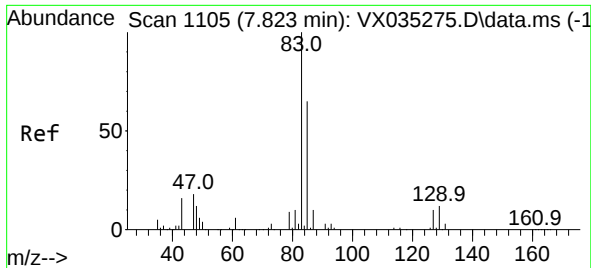
Ion Ratio Lower Upper

93 100

95 84.3 66.9 100.3

174 107.4 75.4 113.0





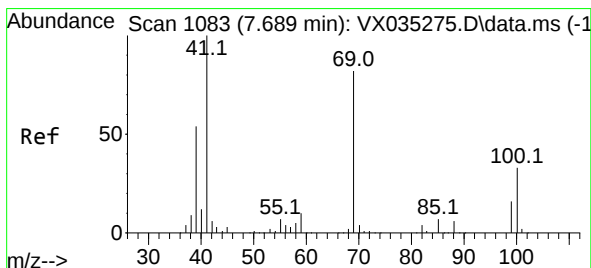
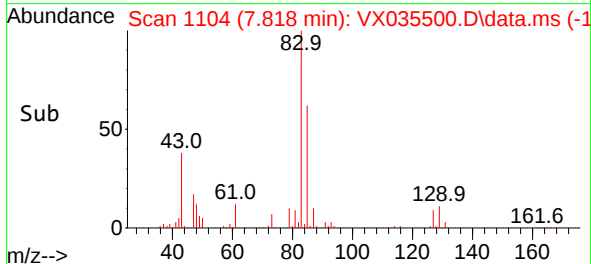
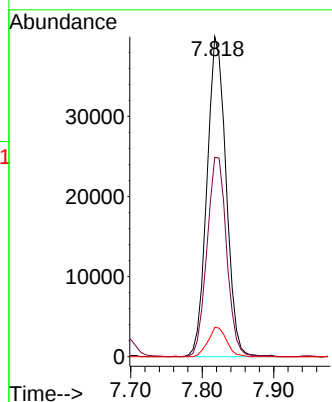
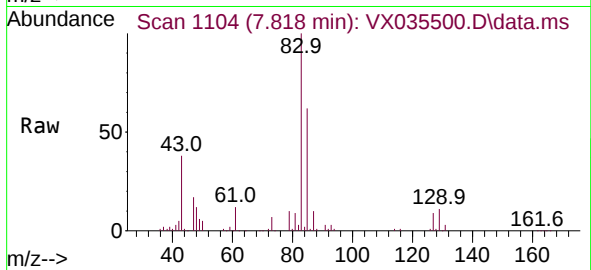
#47
Bromodichloromethane
Concen: 22.110 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.005 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01

Tgt Ion: 83 Resp: 7407
Ion Ratio Lower Upper
83 100
85 62.3 52.2 78.4
127 9.1 6.6 9.8

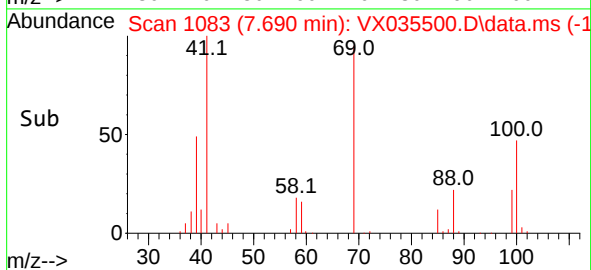
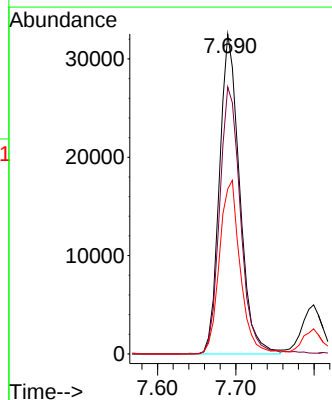
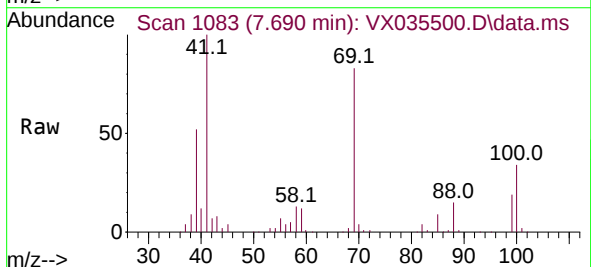
Manual Integrations
APPROVED

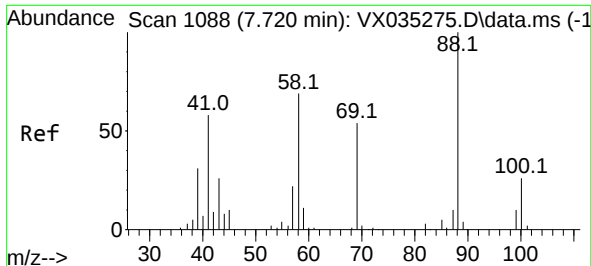
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#48
Methyl methacrylate
Concen: 21.168 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

Tgt Ion: 41 Resp: 58344
Ion Ratio Lower Upper
41 100
69 86.5 62.2 93.4
39 55.9 47.7 71.5





#49

1,4-Dioxane

Concen: 397.379 ug/l

RT: 7.708 min Scan# 1088

Delta R.T. -0.012 min

Lab File: VX035500.D

Acq: 03 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

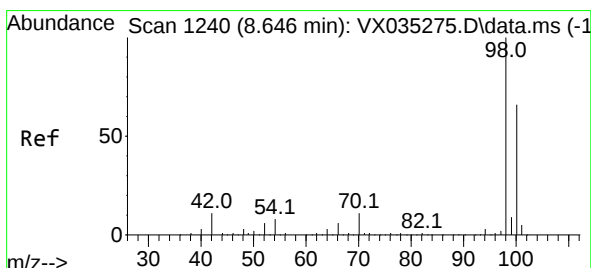
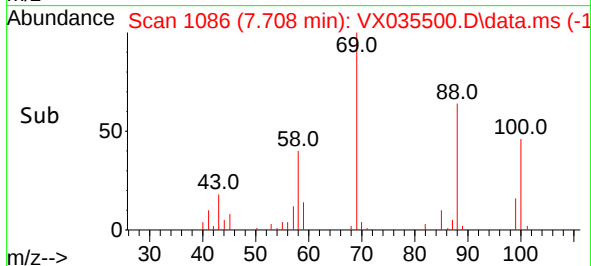
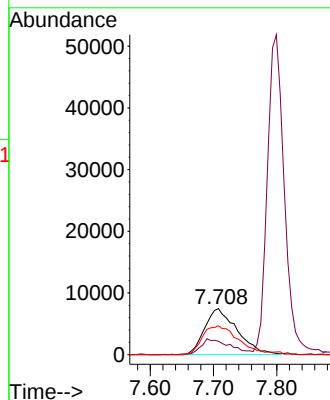
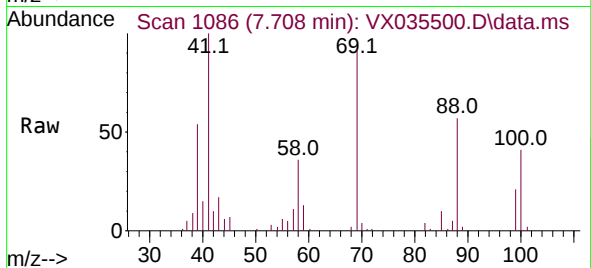
Tgt Ion: 88	Resp: 2669
Ion Ratio	Lower Upper
88 100	
43 30.9	27.7 41.5
58 68.7	56.8 85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#50

Toluene-d8

Concen: 53.896 ug/l

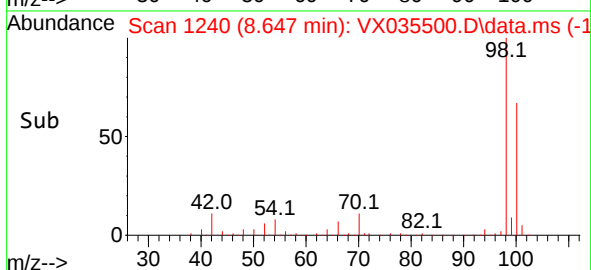
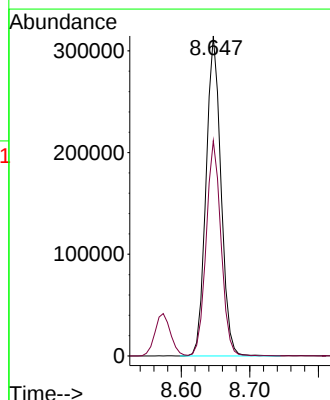
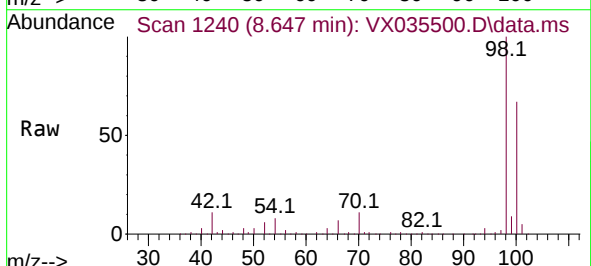
RT: 8.647 min Scan# 1240

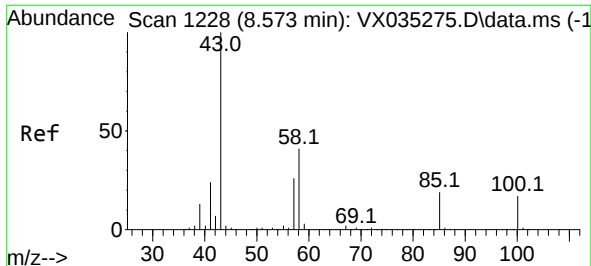
Delta R.T. 0.001 min

Lab File: VX035500.D

Acq: 03 May 2023 11:24

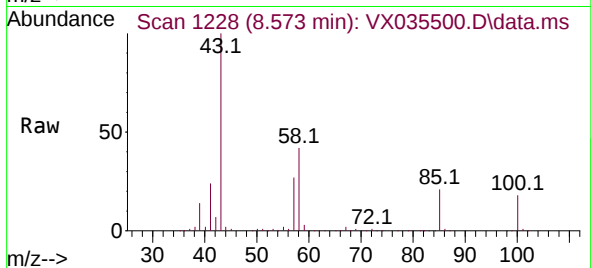
Tgt Ion: 98	Resp: 476714
Ion Ratio	Lower Upper
98 100	
100 66.9	52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 105.884 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

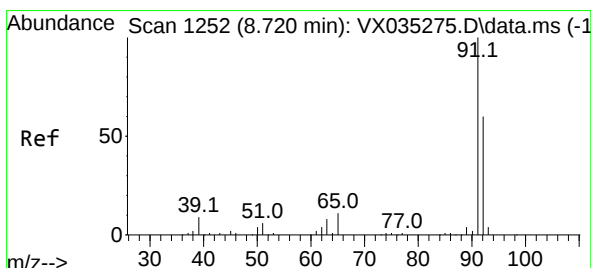
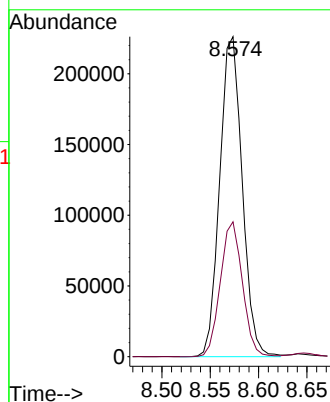
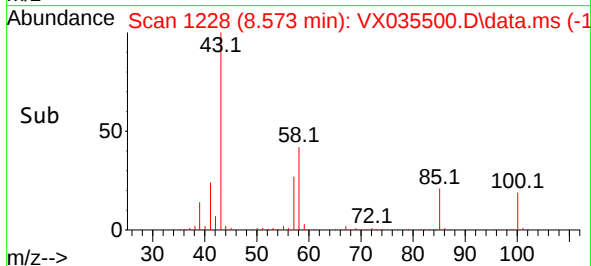
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01



Tgt Ion: 43 Resp: 365512
Ion Ratio Lower Upper
43 100
58 41.4 30.6 46.0

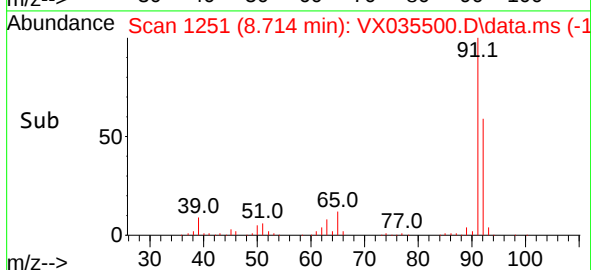
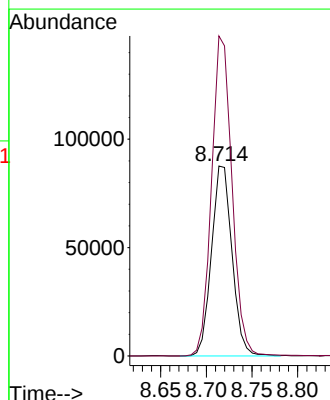
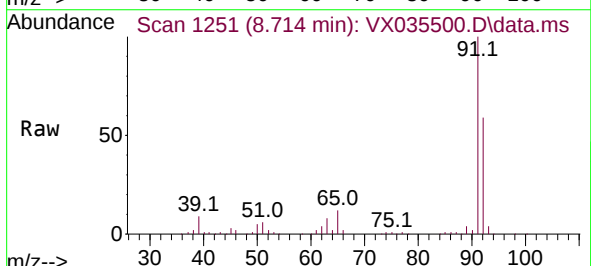
Manual Integrations
APPROVED

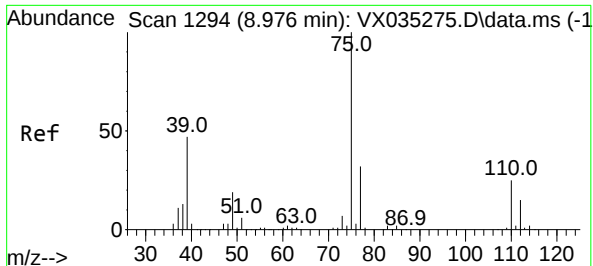
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#52
Toluene
Concen: 20.573 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

Tgt Ion: 92 Resp: 136963
Ion Ratio Lower Upper
92 100
91 167.8 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 22.371 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX035500.D

Acq: 03 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

Tgt Ion: 75 Resp: 78269

Ion Ratio Lower Upper

75 100

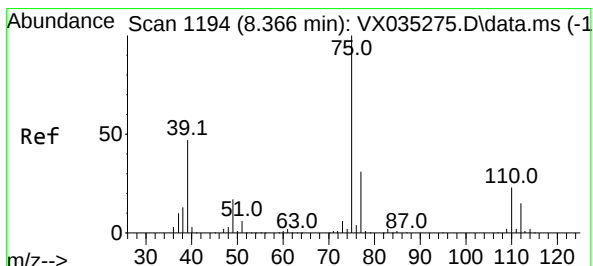
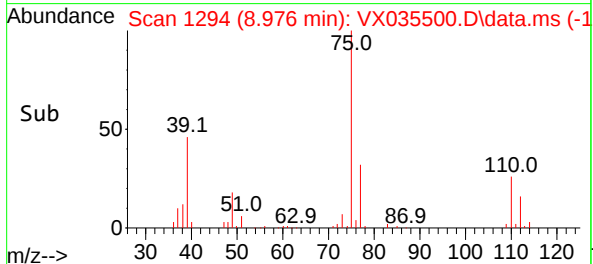
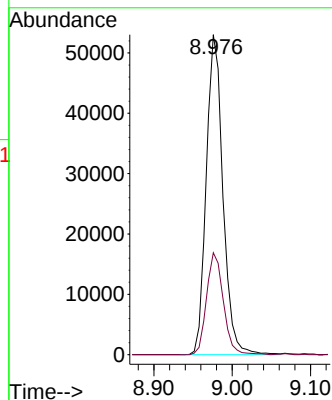
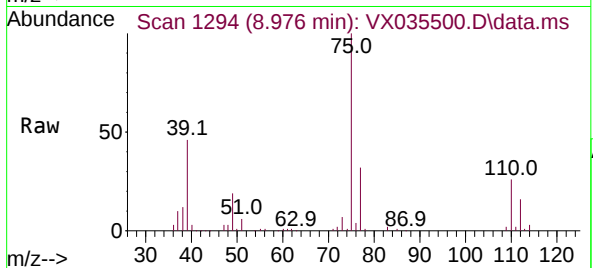
77 31.8 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#54

cis-1,3-Dichloropropene

Concen: 22.344 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035500.D

Acq: 03 May 2023 11:24

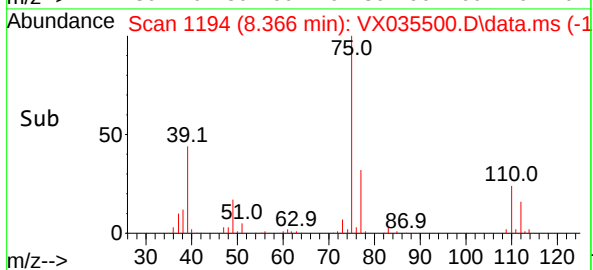
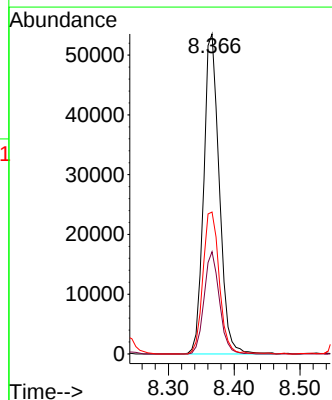
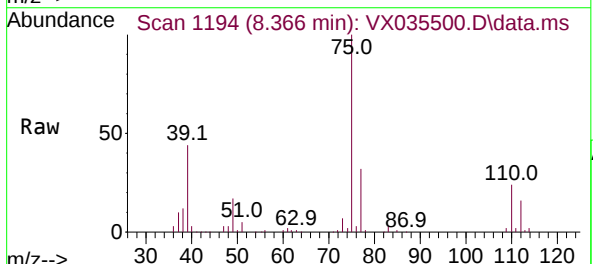
Tgt Ion: 75 Resp: 88362

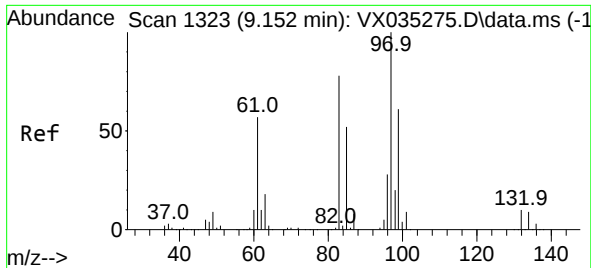
Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.4

39 44.4 44.6 66.8#





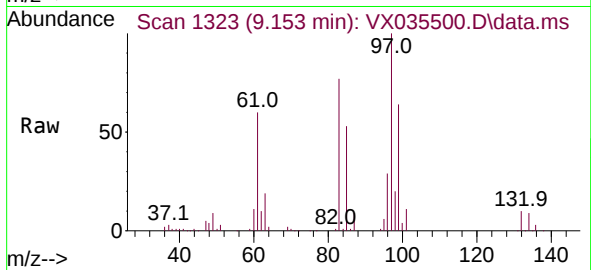
#55
1,1,2-Trichloroethane
Concen: 21.941 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01



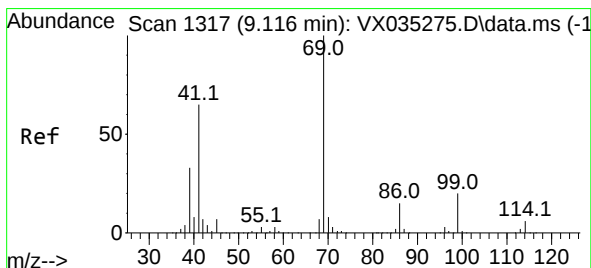
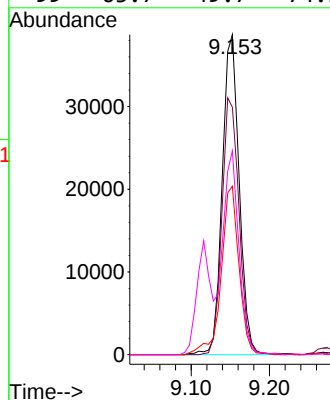
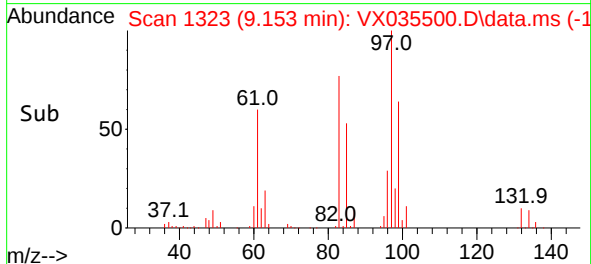
Tgt Ion: 97 Resp: 5823
Ion Ratio Lower Upper
97 100
83 77.4 69.7 104.5
85 52.7 43.7 65.5
99 63.7 49.7 74.5

Manual Integrations

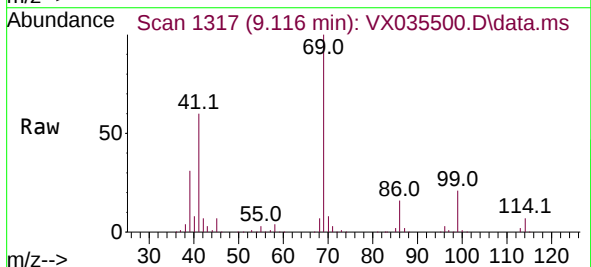
APPROVED

Reviewed By :John Carlone 05/03/2023

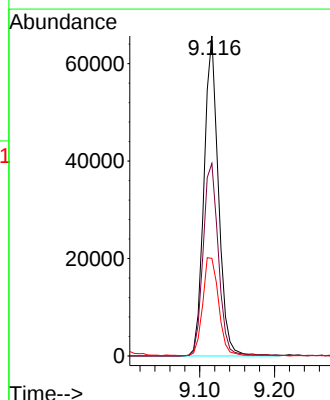
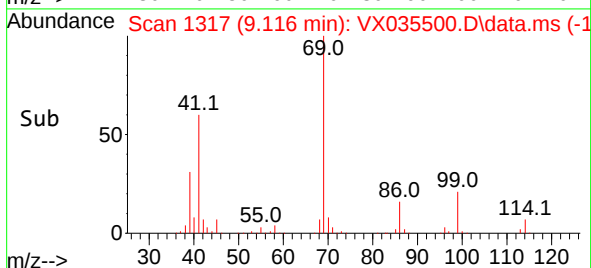
Supervised By :Mahesh Dadoda 05/04/2023

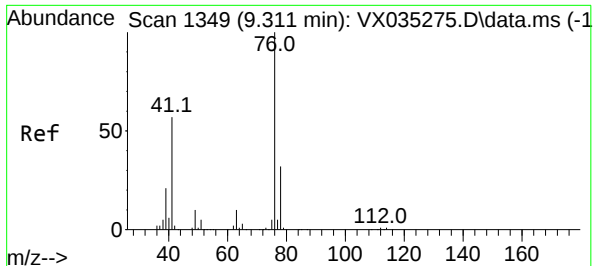


#56
Ethyl methacrylate
Concen: 22.255 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24



Tgt Ion: 69 Resp: 87986
Ion Ratio Lower Upper
69 100
41 63.6 57.4 86.0
39 33.5 33.7 50.5





#57

1,3-Dichloropropane

Concen: 21.364 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. -0.006 min

Lab File: VX035500.D

Acq: 03 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

Tgt Ion: 76 Resp: 96980

Ion Ratio Lower Upper

76 100

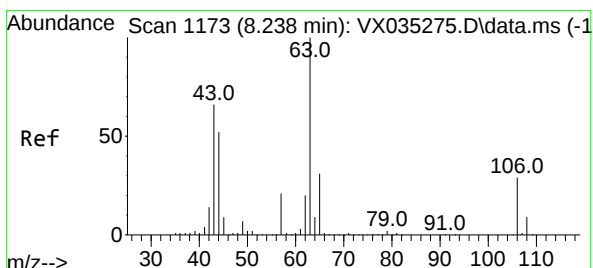
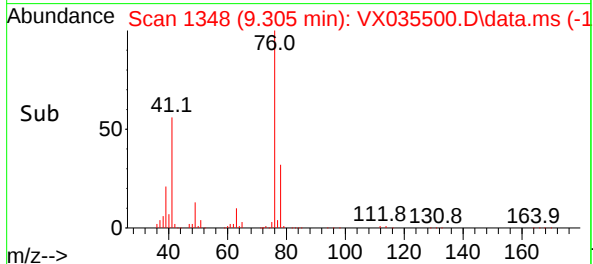
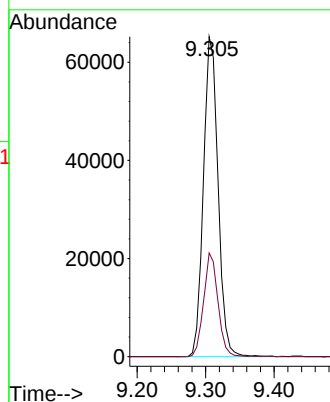
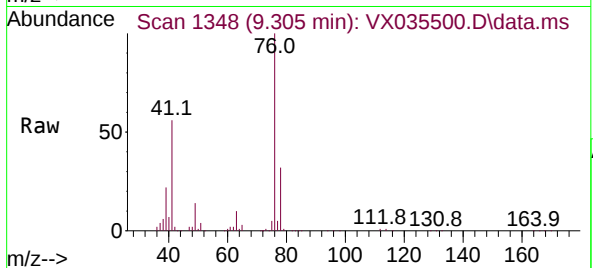
78 31.9 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#58

2-Chloroethyl Vinyl ether

Concen: 99.199 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035500.D

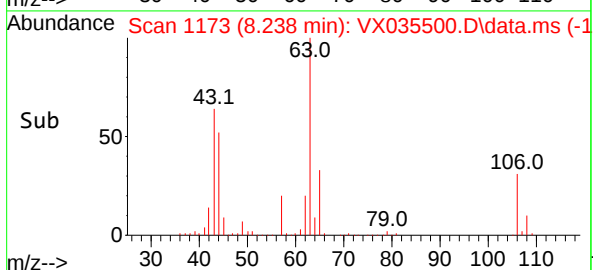
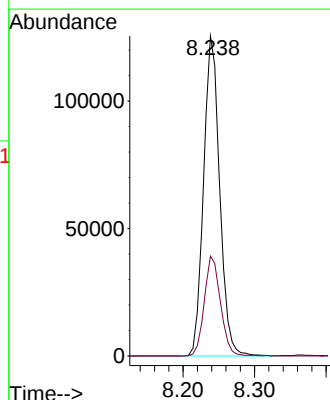
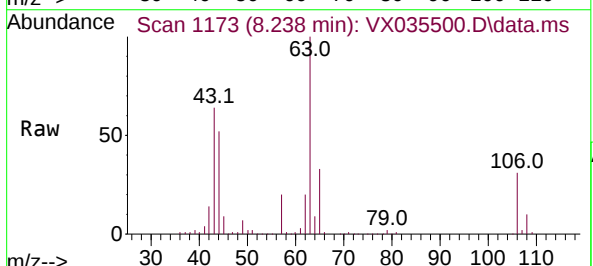
Acq: 03 May 2023 11:24

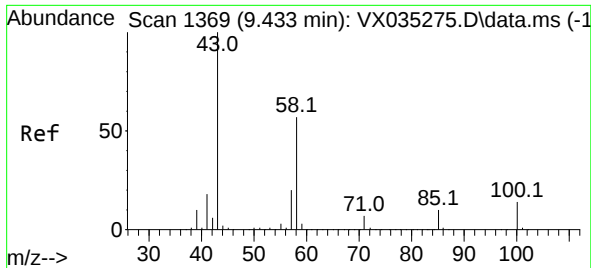
Tgt Ion: 63 Resp: 196099

Ion Ratio Lower Upper

63 100

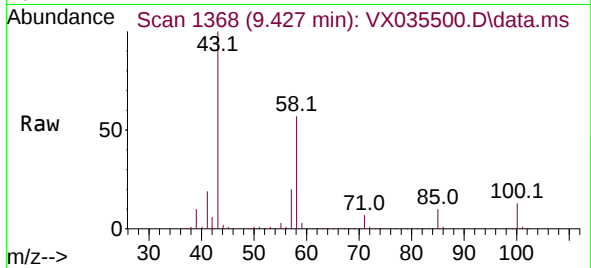
106 31.4 22.2 33.2





#59
2-Hexanone
Concen: 107.271 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

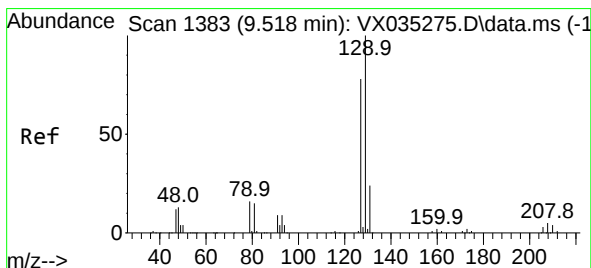
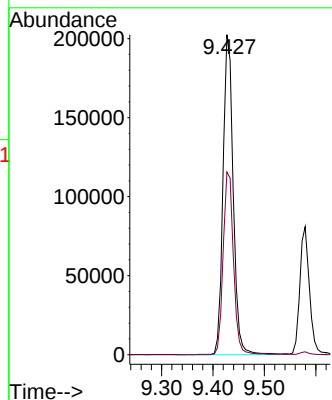
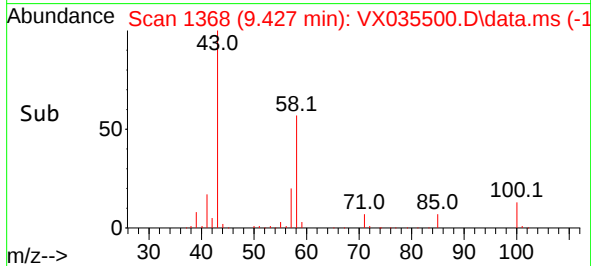
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01



Tgt Ion: 43 Resp: 27818
Ion Ratio Lower Upper
43 100
58 57.8 26.3 78.9

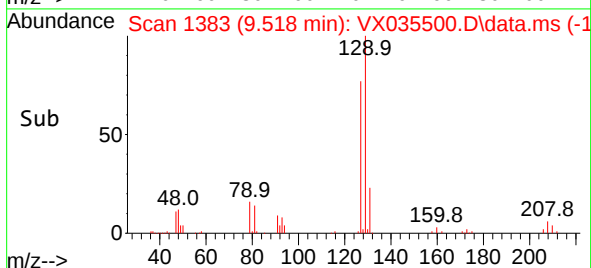
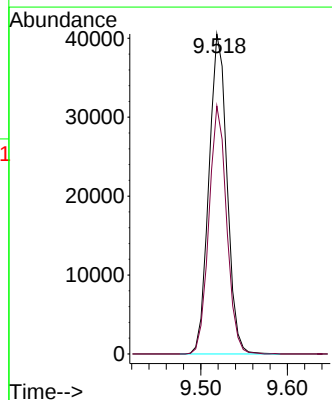
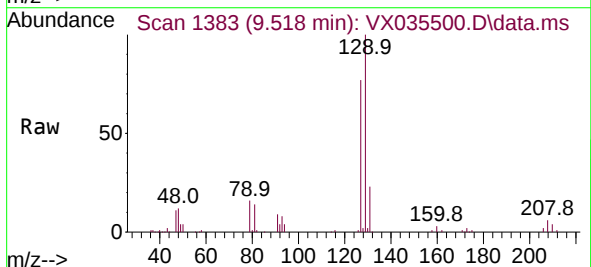
Manual Integrations
APPROVED

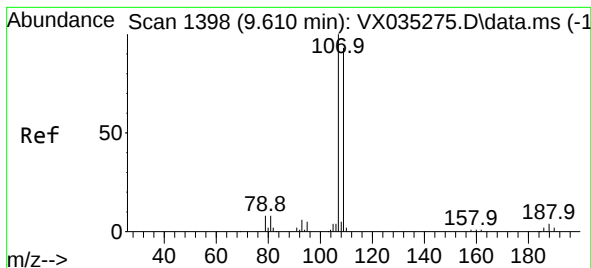
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#60
Dibromochloromethane
Concen: 23.156 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

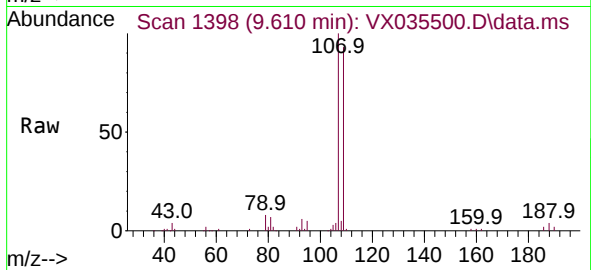
Tgt Ion:129 Resp: 58880
Ion Ratio Lower Upper
129 100
127 75.7 39.0 117.0





#61
1,2-Dibromoethane
Concen: 21.870 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

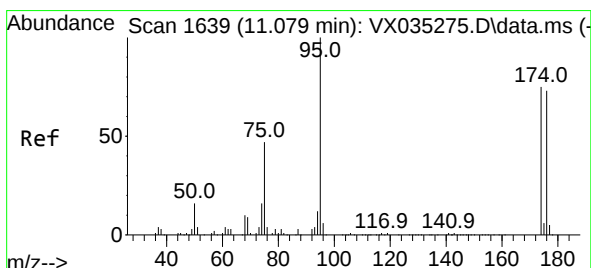
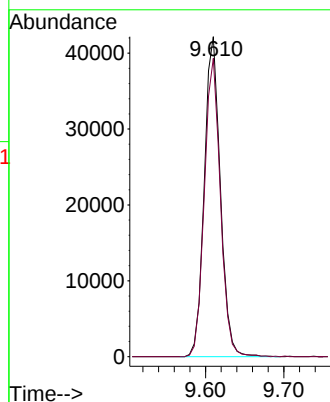
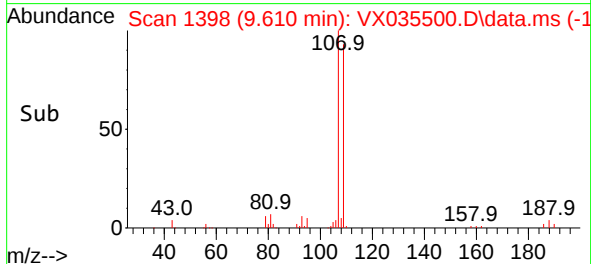
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01



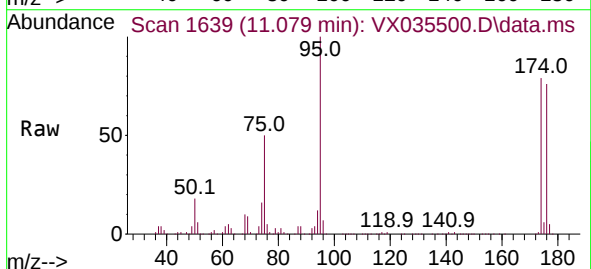
Tgt Ion:107 Resp: 59834
Ion Ratio Lower Upper
107 100
109 93.2 75.3 112.9

Manual Integrations
APPROVED

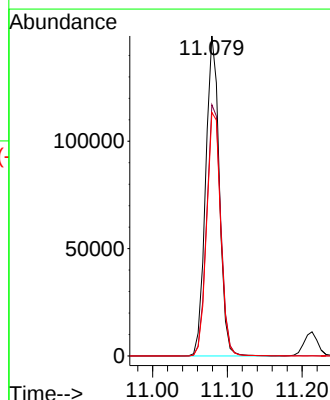
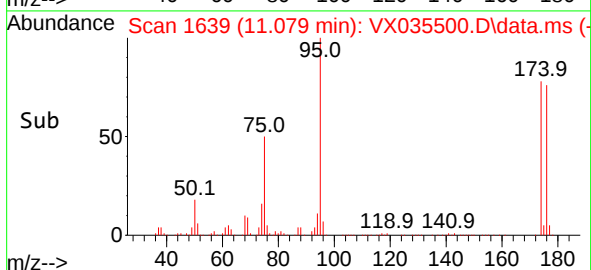
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#62
4-Bromofluorobenzene
Concen: 56.802 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24



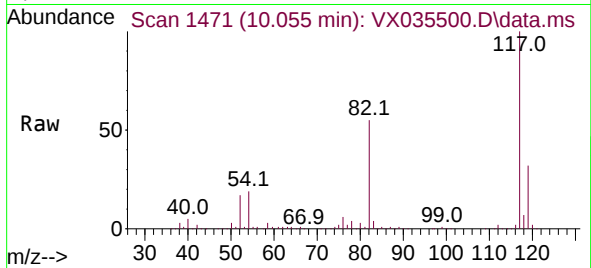
Tgt Ion: 95 Resp: 189001
Ion Ratio Lower Upper
95 100
174 80.9 0.0 147.4
176 78.1 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

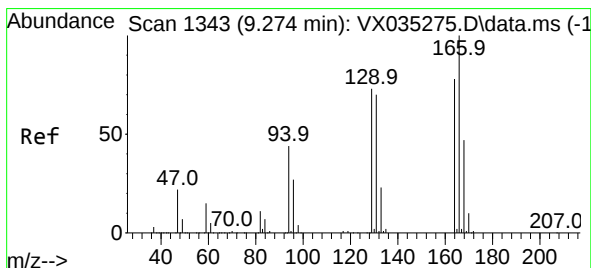
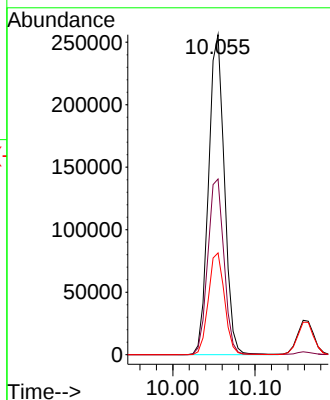
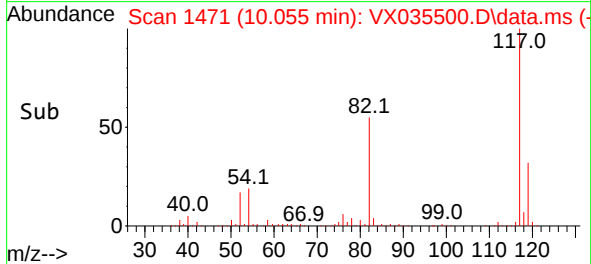
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01



Tgt Ion:117 Resp: 34262
Ion Ratio Lower Upper
117 100
82 54.9 45.0 67.4
119 31.8 26.0 39.0

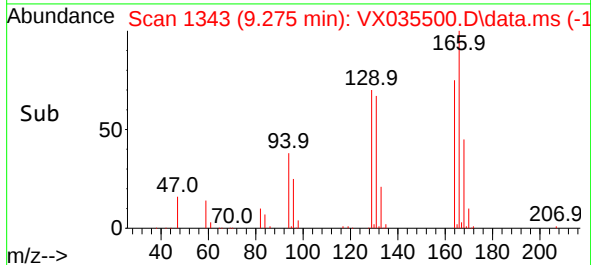
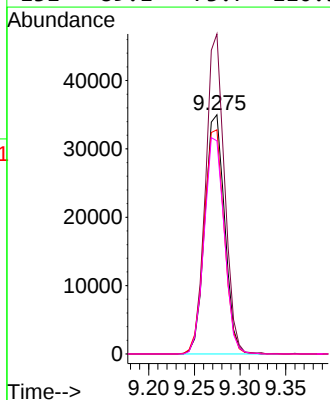
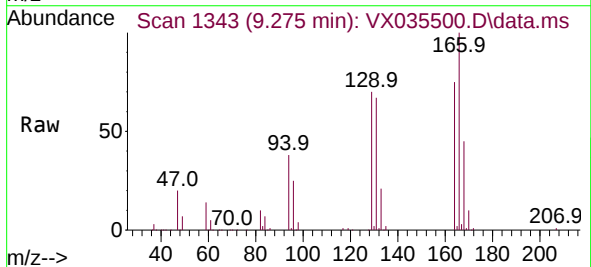
Manual Integrations
APPROVED

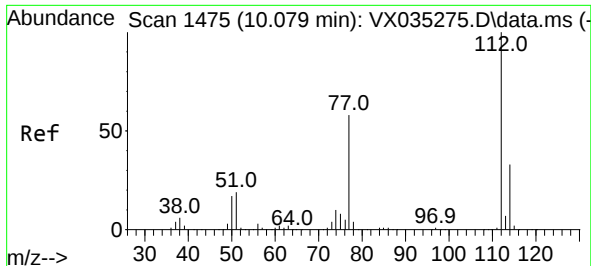
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#64
Tetrachloroethene
Concen: 19.995 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

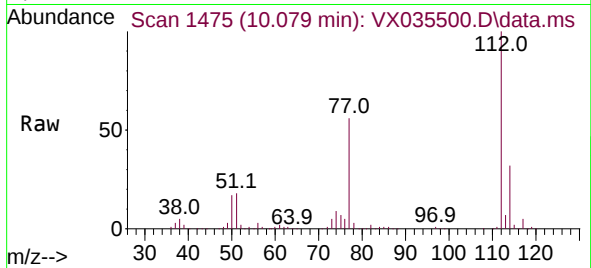
Tgt Ion:164 Resp: 52455
Ion Ratio Lower Upper
164 100
166 133.8 102.7 154.1
129 93.7 75.6 113.4
131 89.1 73.7 110.5





#65
Chlorobenzene
Concen: 20.673 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

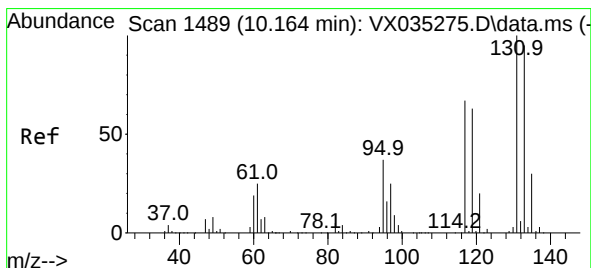
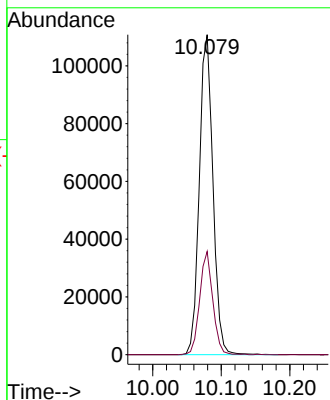
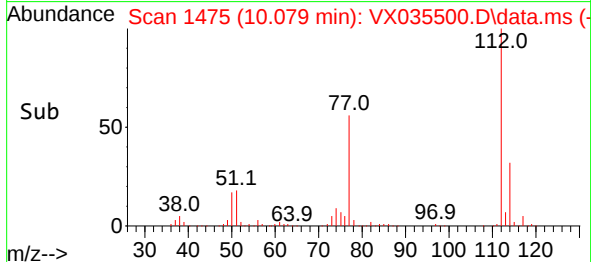
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01



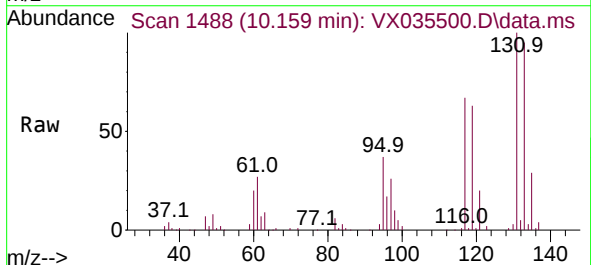
Tgt Ion:112 Resp: 153244
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.2

Manual Integrations
APPROVED

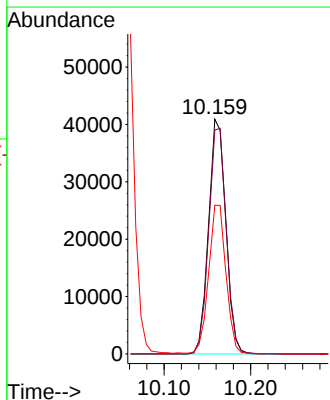
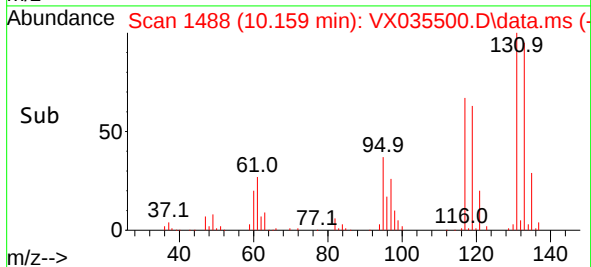
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023

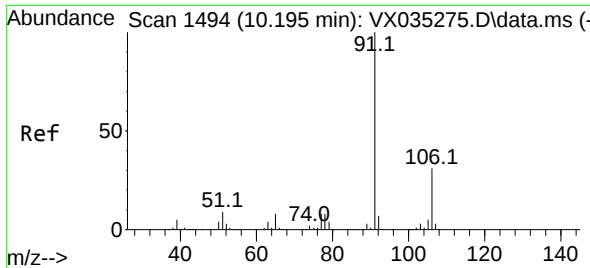


#66
1,1,1,2-Tetrachloroethane
Concen: 22.008 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.005 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24



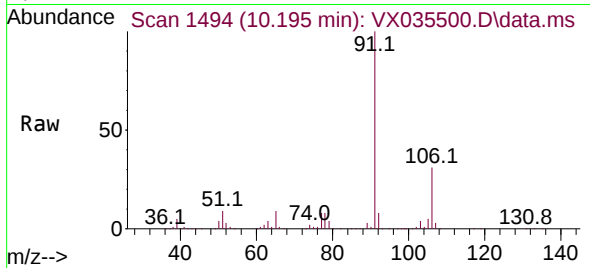
Tgt Ion:131 Resp: 56777
Ion Ratio Lower Upper
131 100
133 97.6 47.1 141.4
119 63.8 32.6 98.0





#67
Ethyl Benzene
Concen: 20.732 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

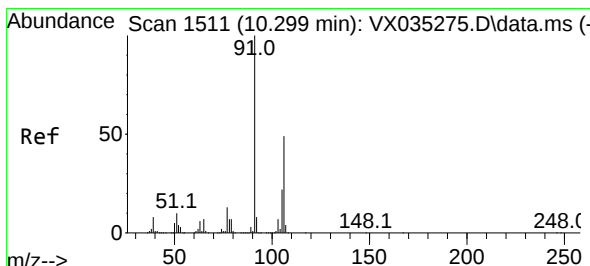
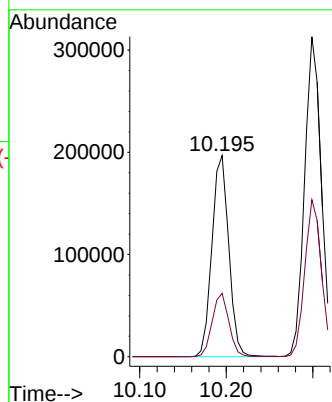
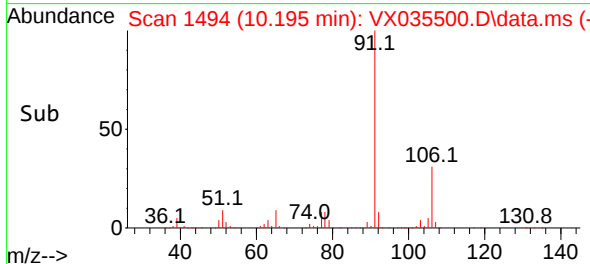
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01



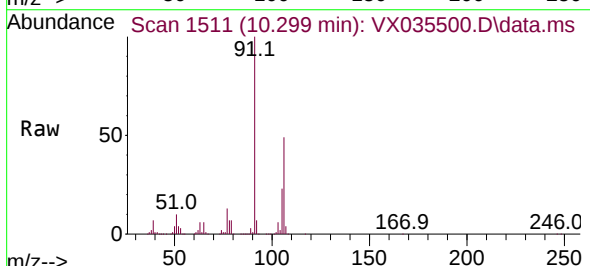
Tgt Ion: 91 Resp: 266140
Ion Ratio Lower Upper
91 100
106 31.5 25.6 38.4

Manual Integrations
APPROVED

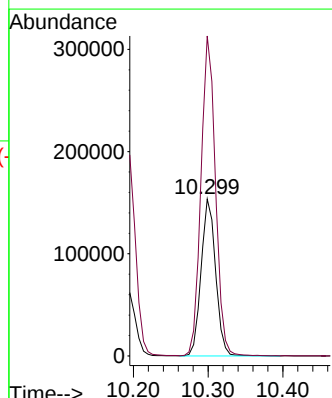
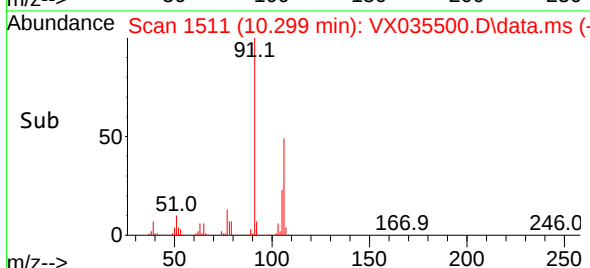
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023

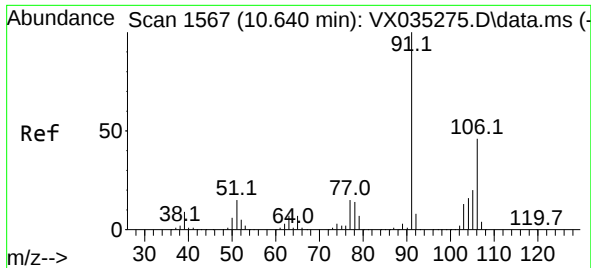


#68
m/p-Xylenes
Concen: 41.994 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24



Tgt Ion:106 Resp: 206571
Ion Ratio Lower Upper
106 100
91 204.1 164.0 246.0





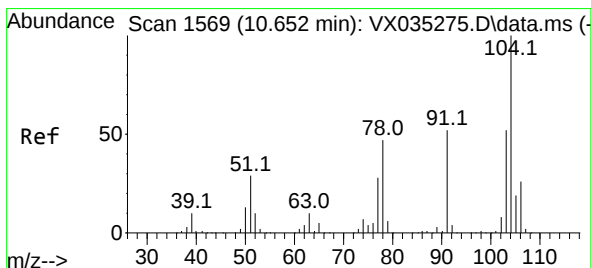
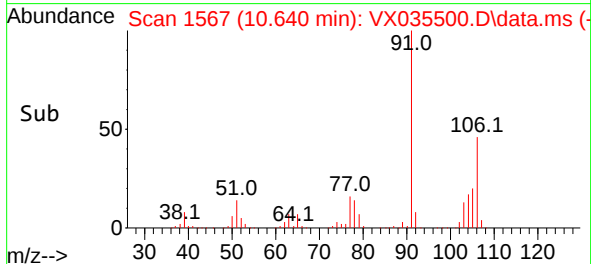
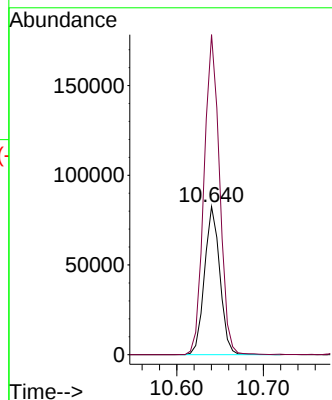
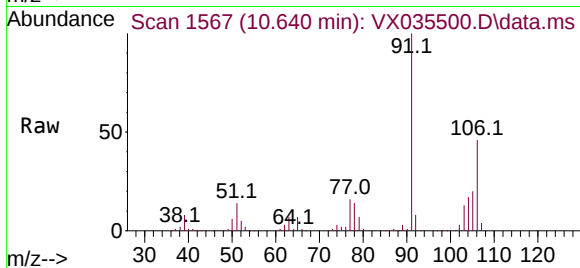
#69
o-Xylene
Concen: 21.077 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01

Tgt Ion:106 Resp: 101660
Ion Ratio Lower Upper
106 100
91 218.7 108.5 325.3

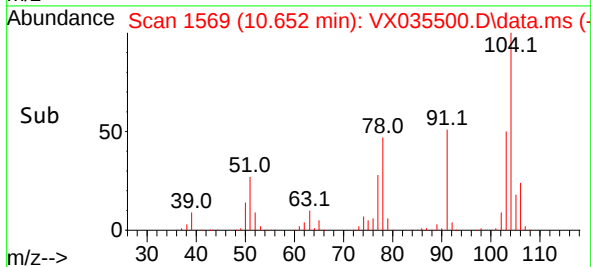
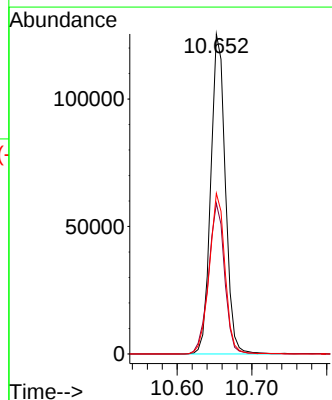
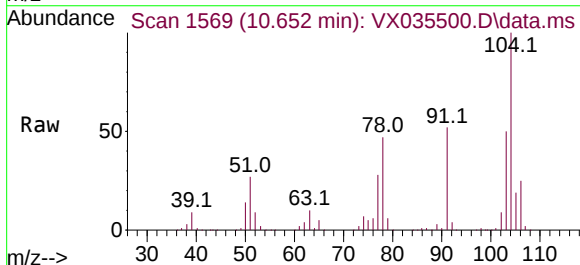
Manual Integrations
APPROVED

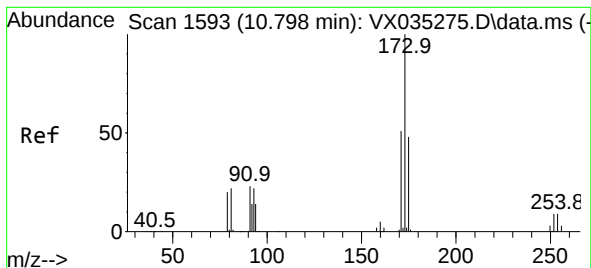
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#70
Styrene
Concen: 21.772 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

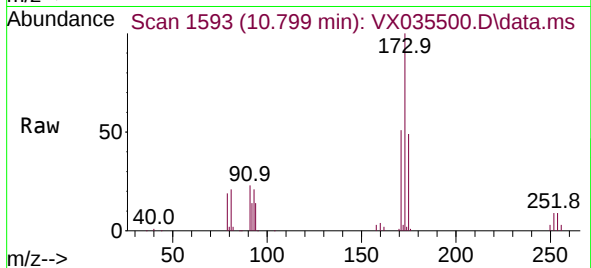
Tgt Ion:104 Resp: 170281
Ion Ratio Lower Upper
104 100
78 51.8 43.4 65.2
103 54.1 44.2 66.2





#71
Bromoform
Concen: 23.181 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.001 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

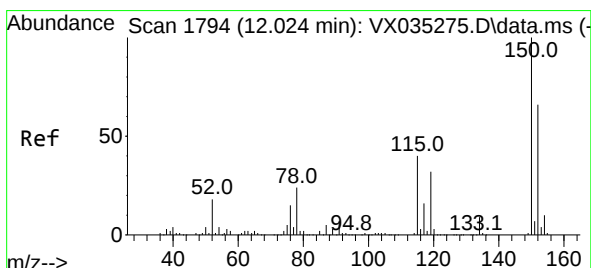
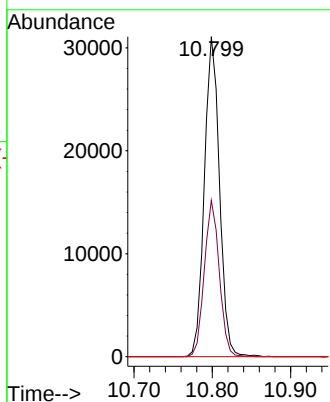
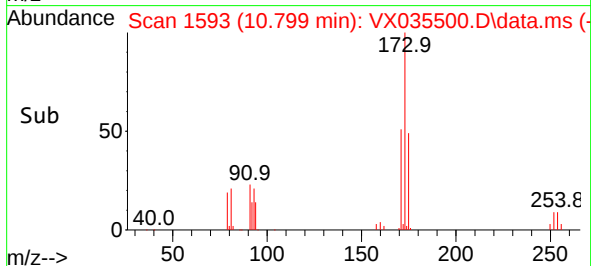
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01



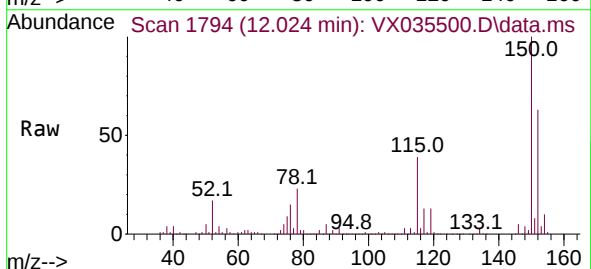
Tgt Ion:173 Resp: 41598
Ion Ratio Lower Upper
173 100
175 48.3 24.1 72.4
254 0.0 0.1 0.1

Manual Integrations
APPROVED

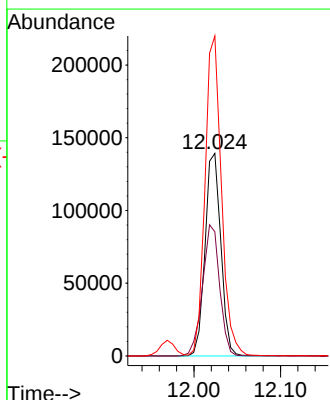
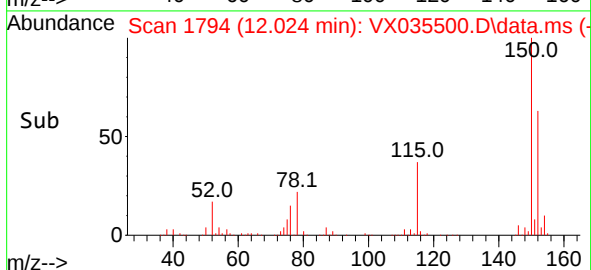
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023

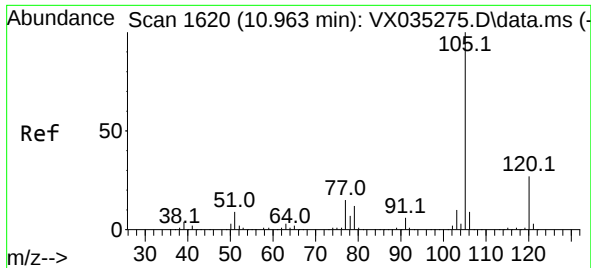


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24



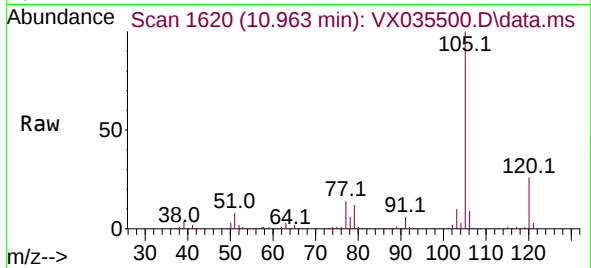
Tgt Ion:152 Resp: 176166
Ion Ratio Lower Upper
152 100
115 70.2 45.0 135.0
150 163.9 0.0 352.4





#73
Isopropylbenzene
Concen: 21.100 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

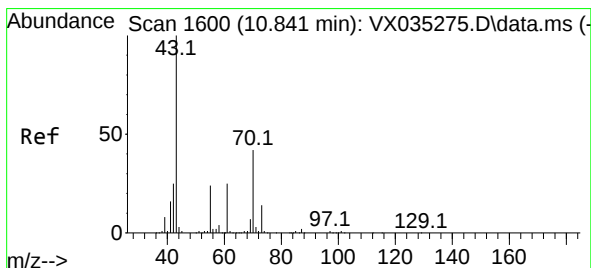
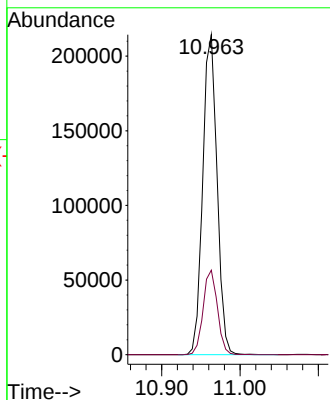
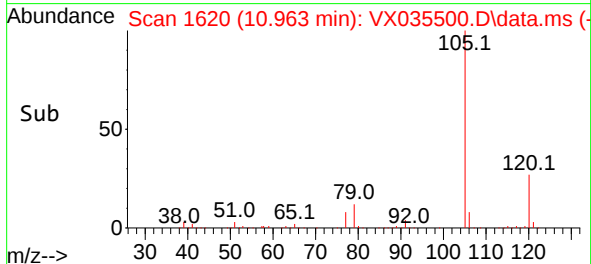
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01



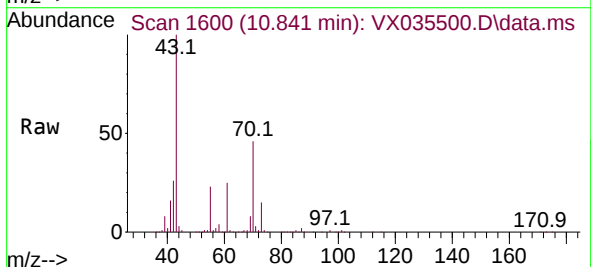
Tgt Ion:105 Resp: 27172
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.9

Manual Integrations
APPROVED

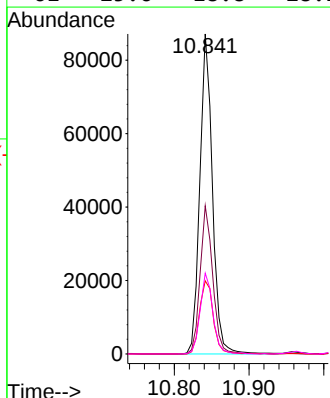
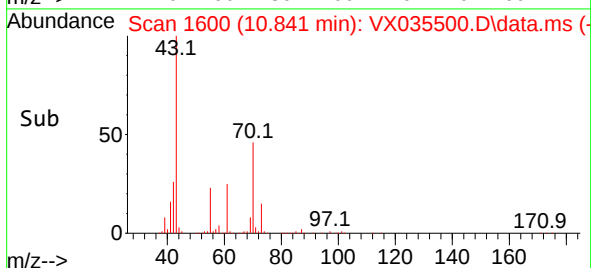
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023

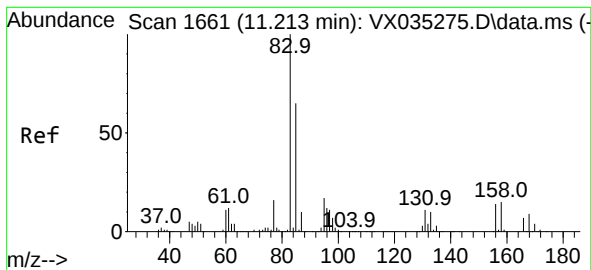


#74
N-ethyl acetate
Concen: 21.087 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24



Tgt Ion: 43 Resp: 102048
Ion Ratio Lower Upper
43 100
70 46.5 32.1 48.1
55 25.0 18.3 27.5
61 25.6 18.8 28.2





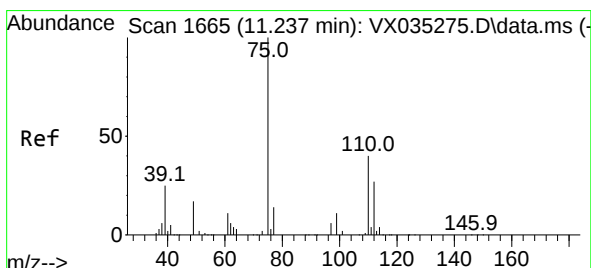
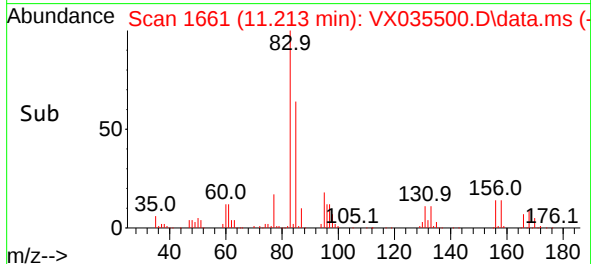
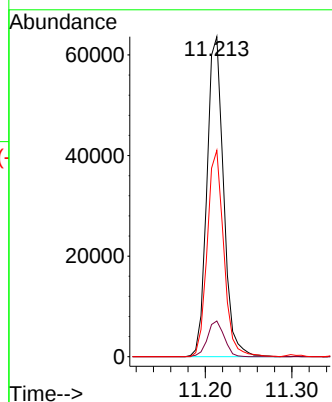
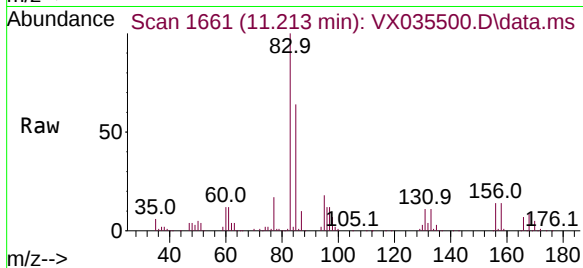
#75
1,1,2,2-Tetrachloroethane
Concen: 21.220 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01

Tgt Ion: 83 Resp: 8481
Ion Ratio Lower Upper
83 100
131 11.3 4.8 14.3
85 64.2 32.0 96.0

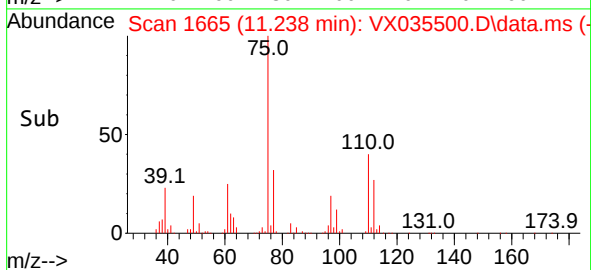
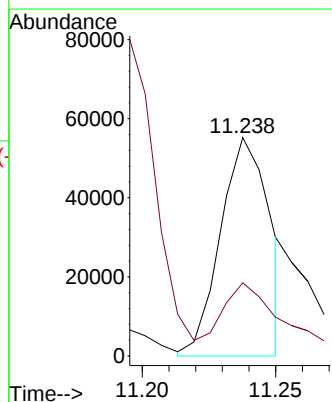
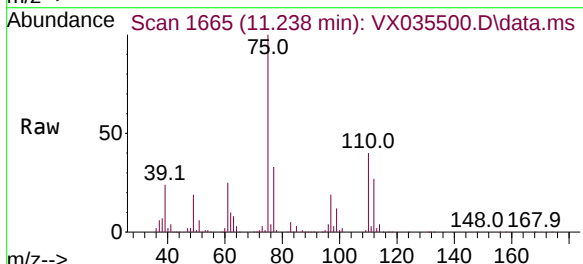
Manual Integrations
APPROVED

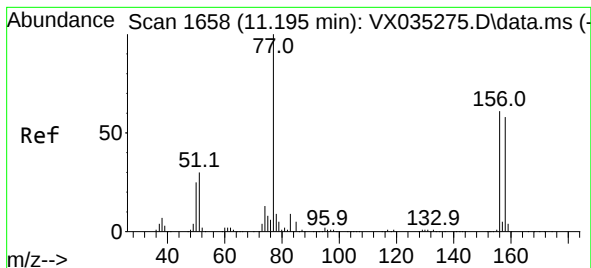
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#76
1,2,3-Trichloropropane
Concen: 20.110 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

Tgt Ion: 75 Resp: 70668
Ion Ratio Lower Upper
75 100
77 42.3 21.6 64.8





#77

Bromobenzene

Concen: 21.344 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX035500.D

Acq: 03 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

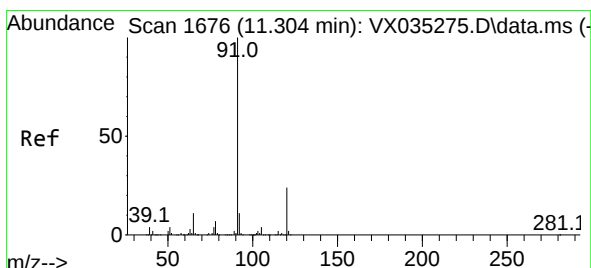
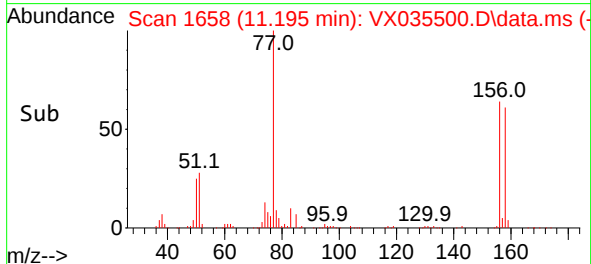
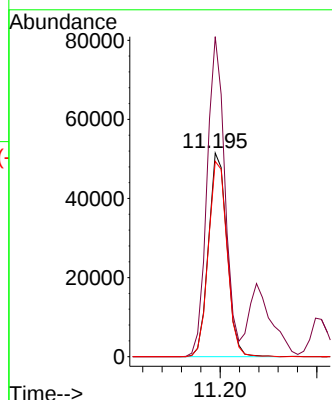
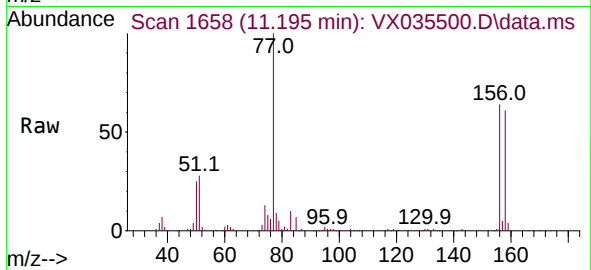
Tgt Ion:	156	Resp:	6832
Ion Ratio	Lower	Upper	
156	100		
77	152.0	86.7	259.9
158	97.2	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#78

n-propylbenzene

Concen: 20.430 ug/l

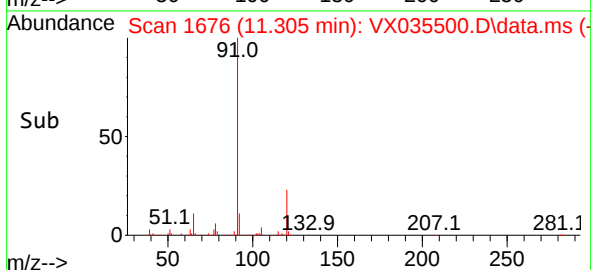
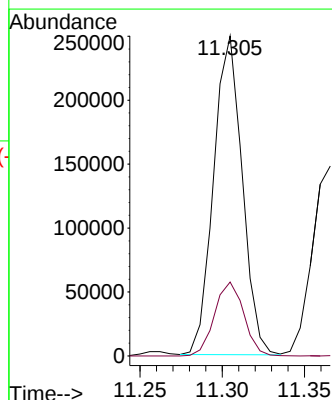
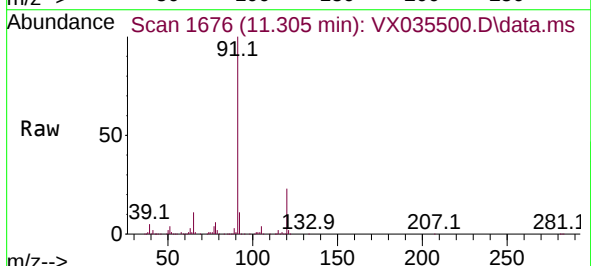
RT: 11.305 min Scan# 1676

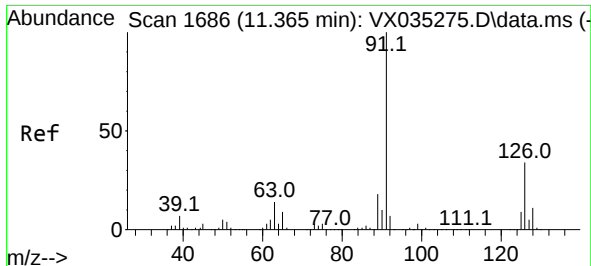
Delta R.T. 0.001 min

Lab File: VX035500.D

Acq: 03 May 2023 11:24

Tgt Ion:	91	Resp:	302154
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.5	34.5





#79

2-Chlorotoluene

Concen: 20.123 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX035500.D

Acq: 03 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

Tgt Ion: 91 Resp: 18596

Ion Ratio Lower Upper

91 100

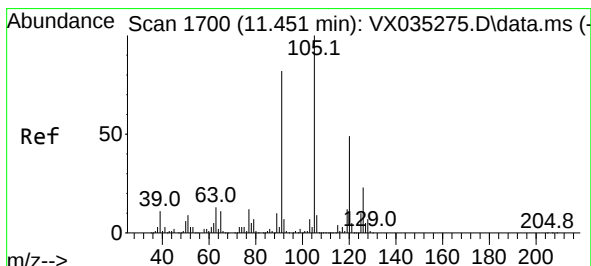
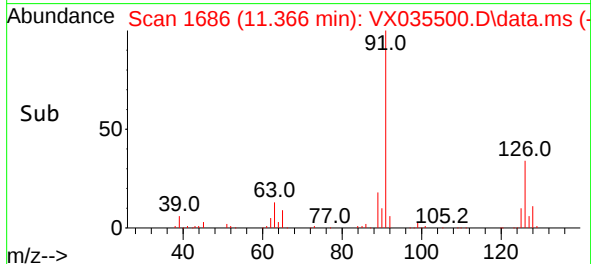
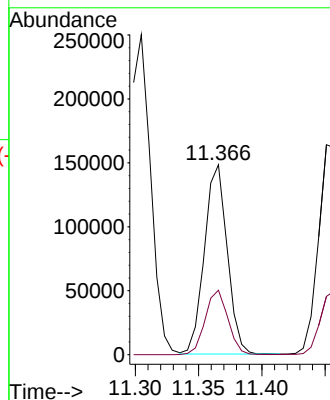
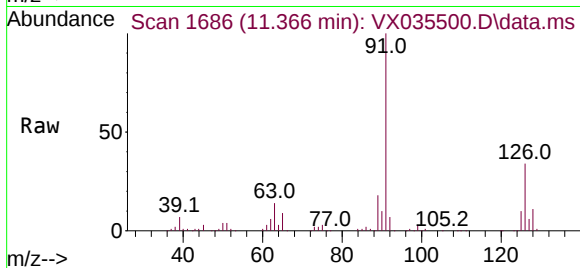
126 34.0 16.3 48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#80

1,3,5-Trimethylbenzene

Concen: 21.458 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035500.D

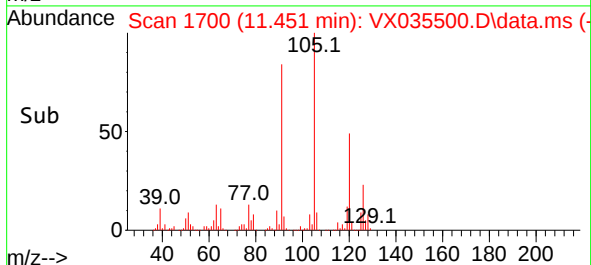
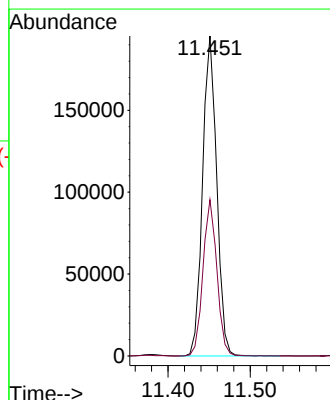
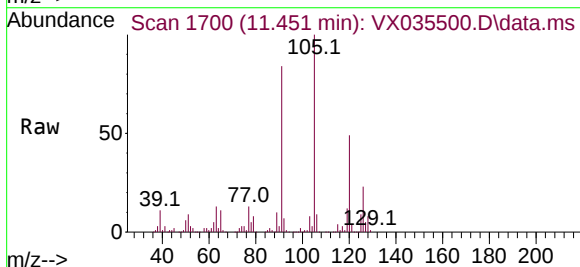
Acq: 03 May 2023 11:24

Tgt Ion:105 Resp: 233001

Ion Ratio Lower Upper

105 100

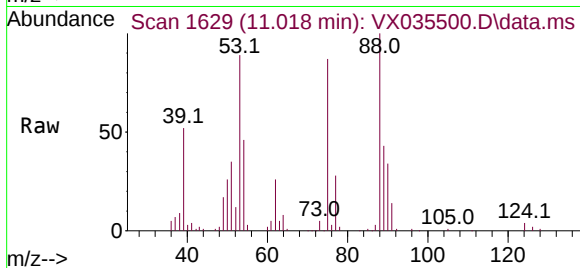
120 48.0 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 20.484 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

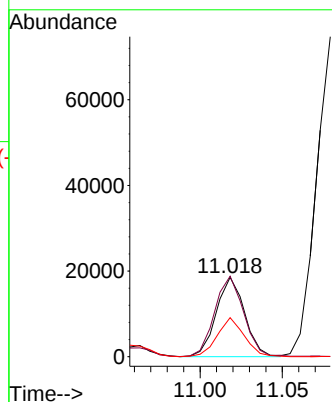
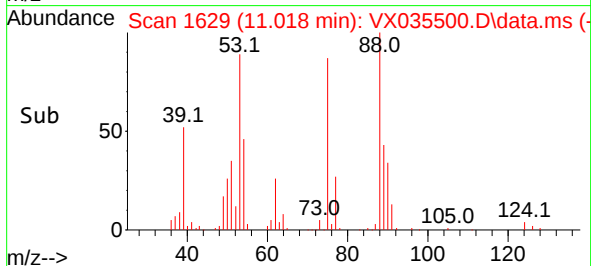
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01



Tgt Ion: 75 Resp: 22225
Ion Ratio Lower Upper
75 100
53 104.8 82.6 124.0
89 47.0 36.9 55.3

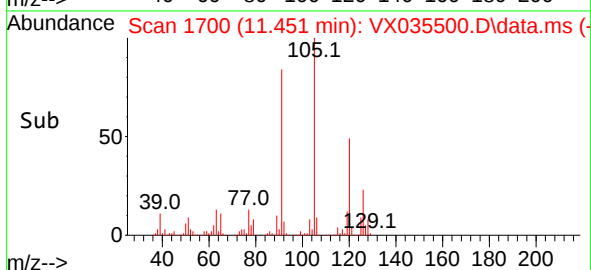
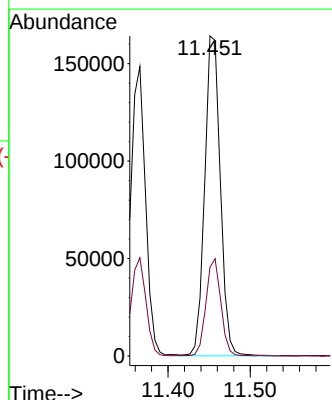
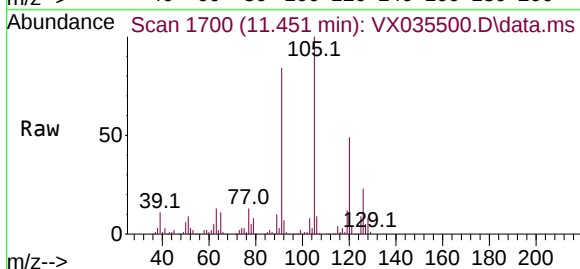
Manual Integrations
APPROVED

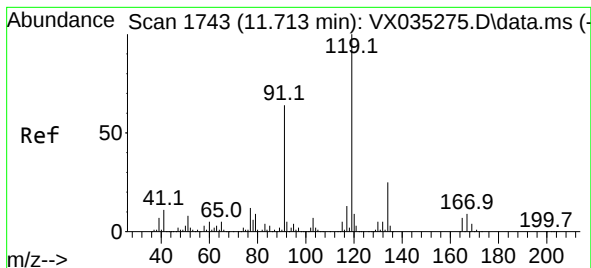
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#82
4-Chlorotoluene
Concen: 20.905 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

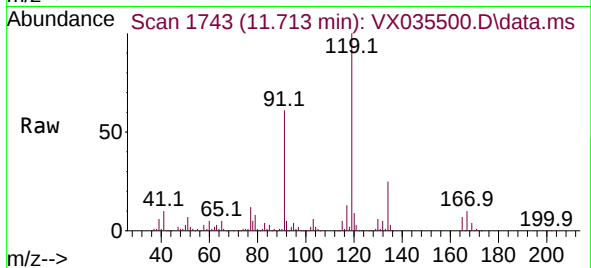
Tgt Ion: 91 Resp: 216996
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 20.961 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

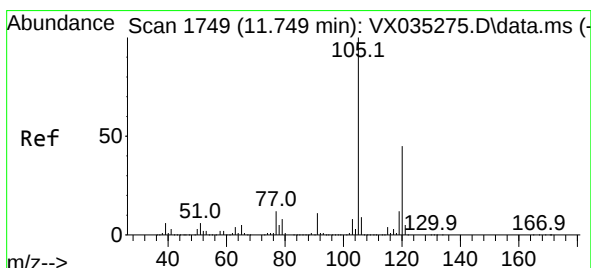
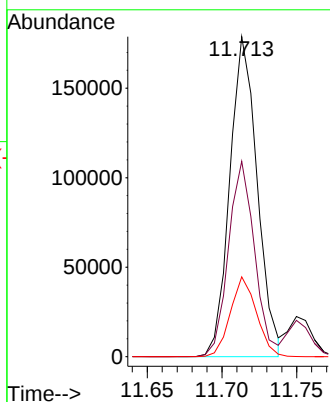
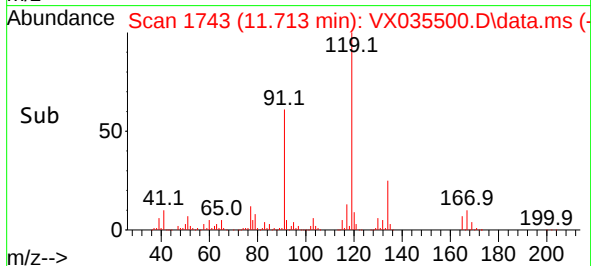
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01



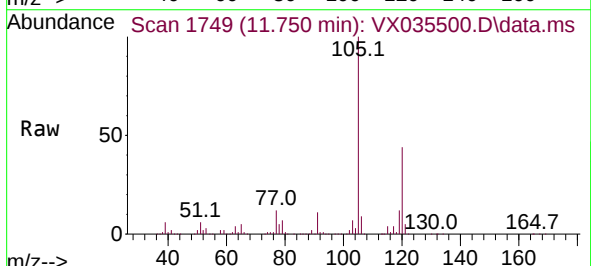
Tgt Ion:119 Resp: 228360
Ion Ratio Lower Upper
119 100
91 58.3 30.6 92.0
134 23.8 11.8 35.4

Manual Integrations
APPROVED

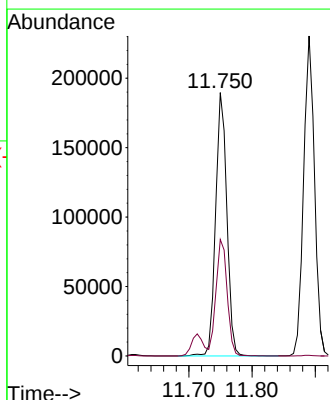
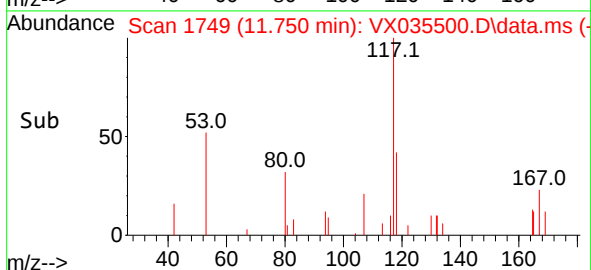
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023

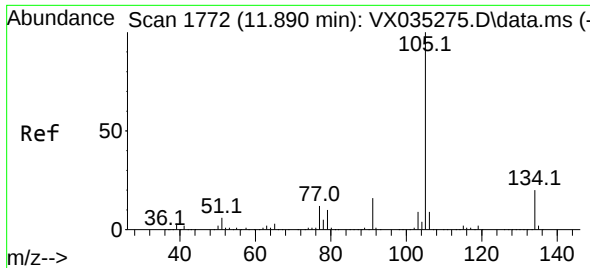


#84
1,2,4-Trimethylbenzene
Concen: 21.346 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.001 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24



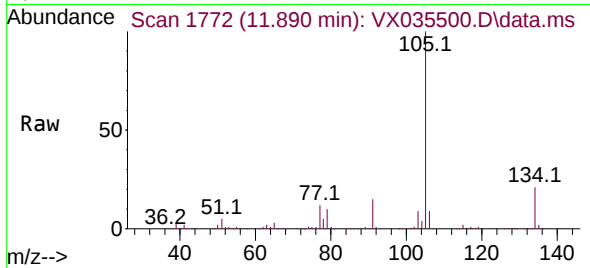
Tgt Ion:105 Resp: 232886
Ion Ratio Lower Upper
105 100
120 44.0 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 20.495 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX035500.D
 Acq: 03 May 2023 11:24

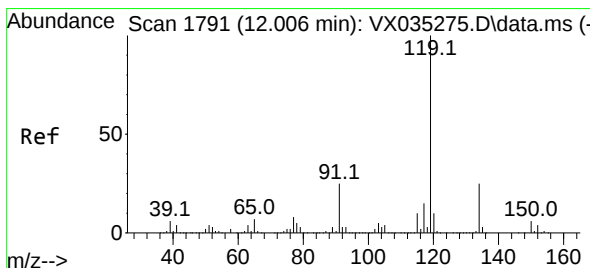
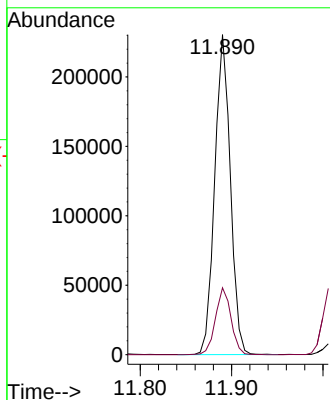
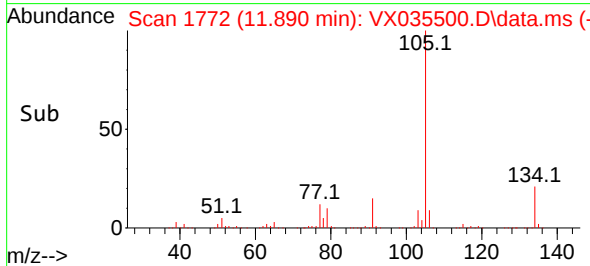
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBSD01



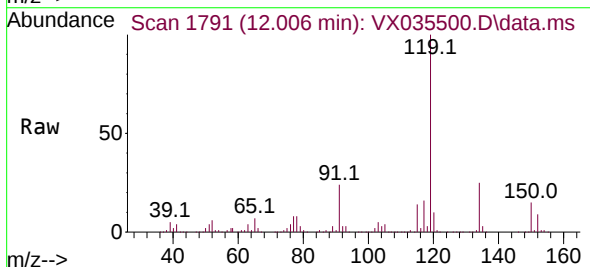
Tgt Ion:105 Resp: 273880
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.4

Manual Integrations
 APPROVED

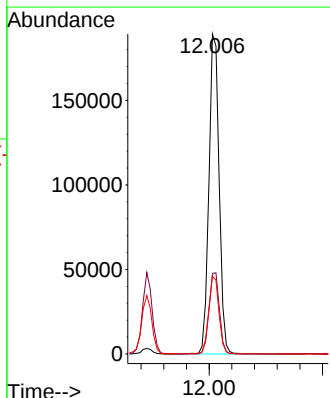
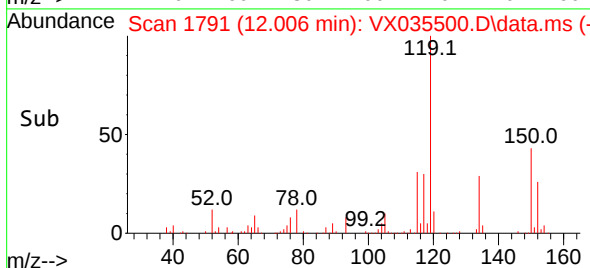
Reviewed By :John Carlone 05/03/2023
 Supervised By :Mahesh Dadoda 05/04/2023

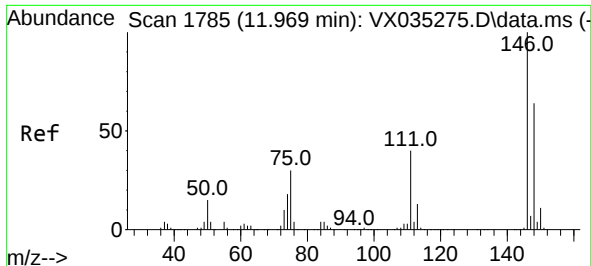


#86
 p-Isopropyltoluene
 Concen: 20.857 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX035500.D
 Acq: 03 May 2023 11:24



Tgt Ion:119 Resp: 237063
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.5
 91 24.4 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 21.100 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035500.D

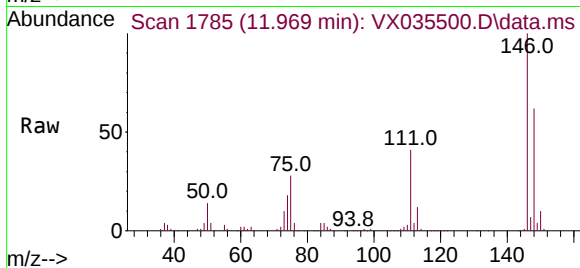
Acq: 03 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01



Tgt Ion:146 Resp: 128360

Ion Ratio Lower Upper

146 100

111 41.3 20.9 62.8

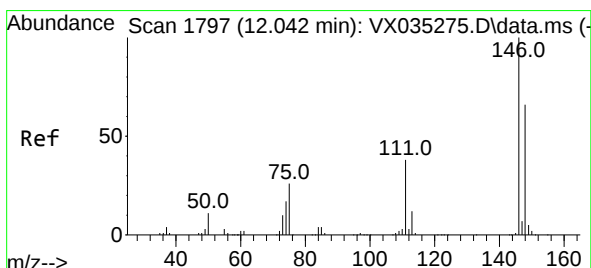
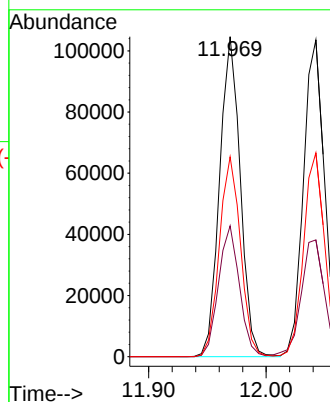
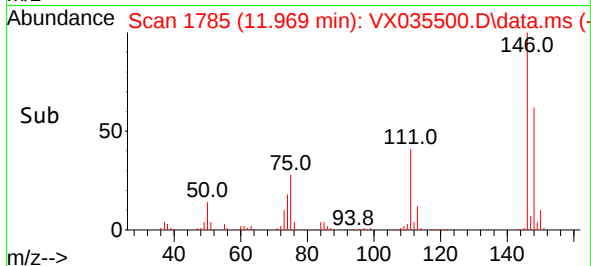
148 63.8 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#88

1,4-Dichlorobenzene

Concen: 20.321 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035500.D

Acq: 03 May 2023 11:24

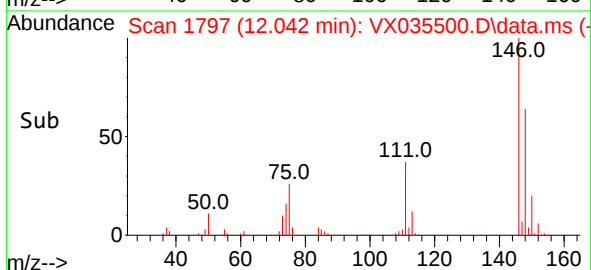
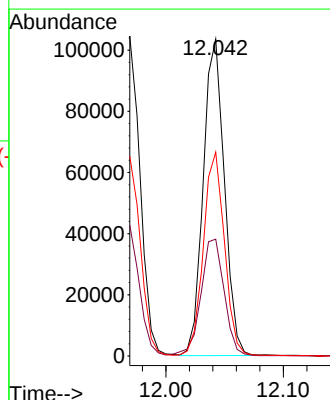
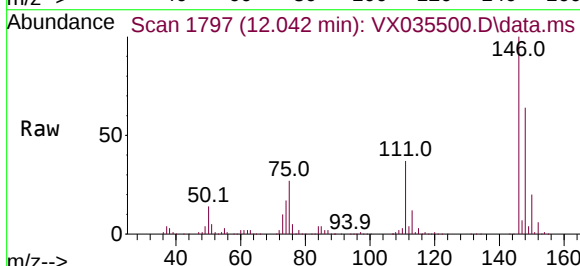
Tgt Ion:146 Resp: 129612

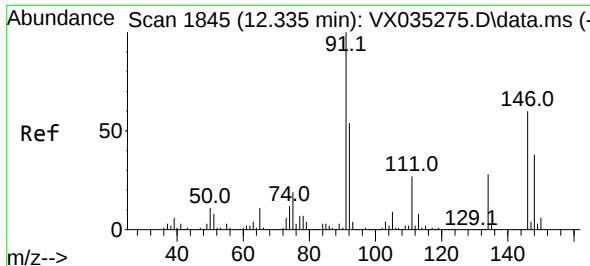
Ion Ratio Lower Upper

146 100

111 40.4 20.6 61.9

148 64.4 31.8 95.4





#89

n-Butylbenzene

Concen: 20.094 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035500.D

Acq: 03 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

Tgt Ion: 91 Resp: 19279

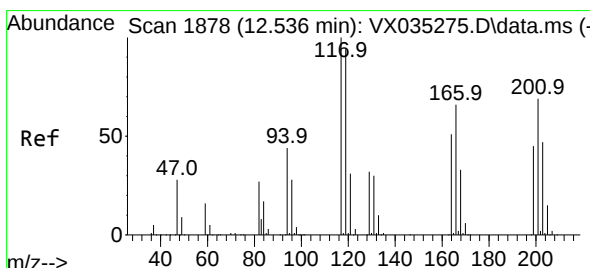
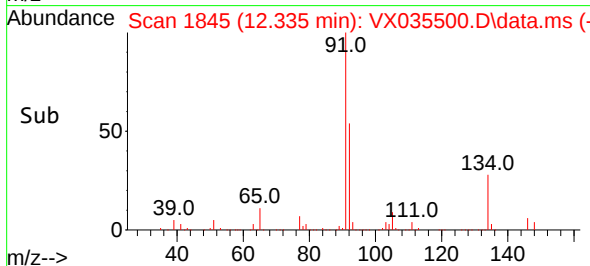
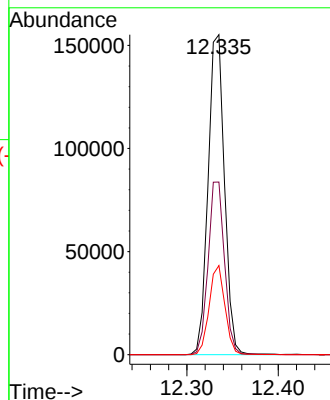
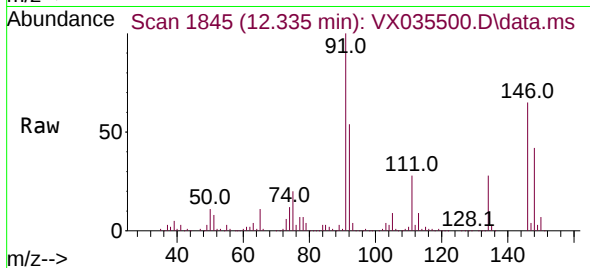
Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.7	83.0
134	26.9	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#90

Hexachloroethane

Concen: 20.685 ug/l

RT: 12.536 min Scan# 1878

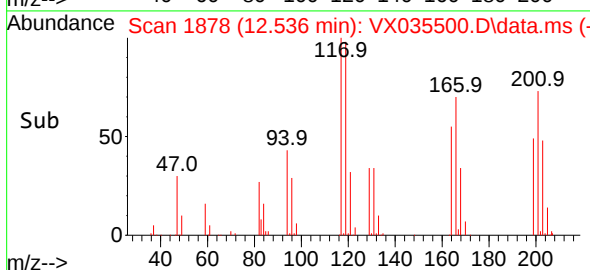
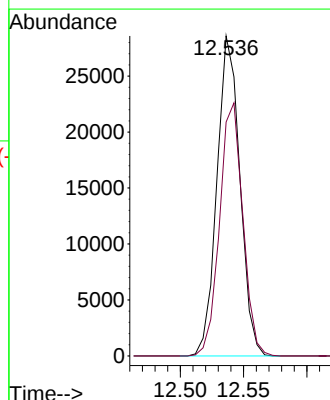
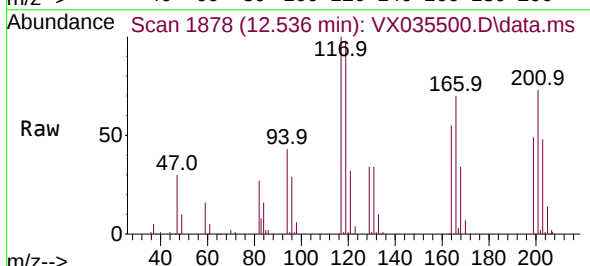
Delta R.T. 0.000 min

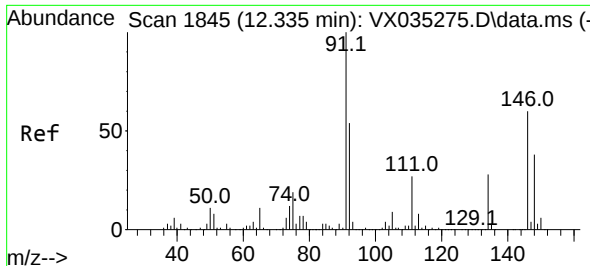
Lab File: VX035500.D

Acq: 03 May 2023 11:24

Tgt Ion:117 Resp: 35989

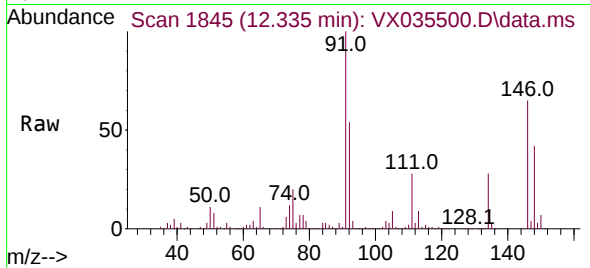
Ion	Ratio	Lower	Upper
117	100		
201	80.0	34.4	103.1





#91
1,2-Dichlorobenzene
Concen: 20.879 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

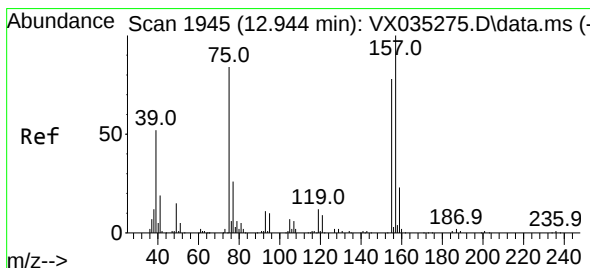
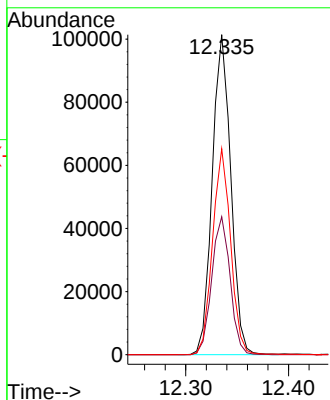
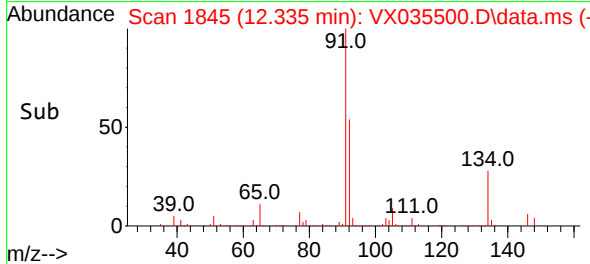
Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01



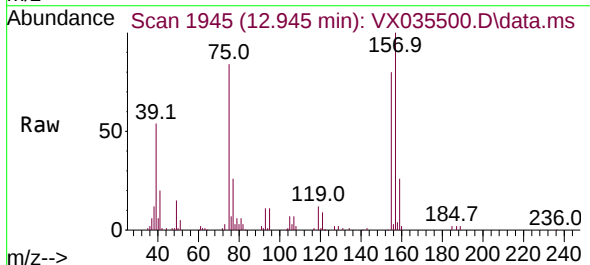
Tgt Ion:146 Resp: 127030
Ion Ratio Lower Upper
146 100
111 42.6 22.0 66.0
148 62.7 32.0 96.0

Manual Integrations
APPROVED

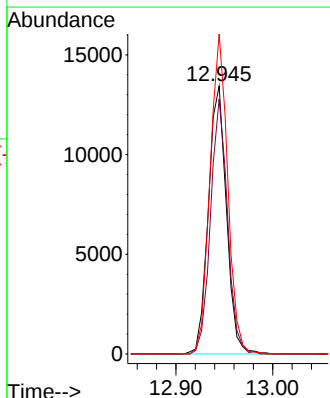
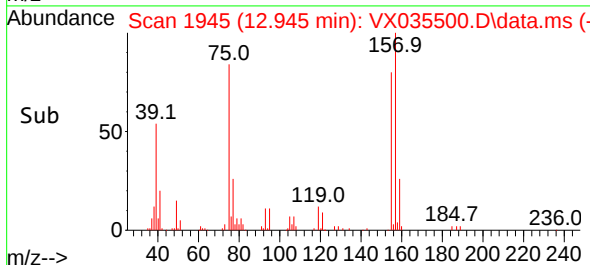
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023

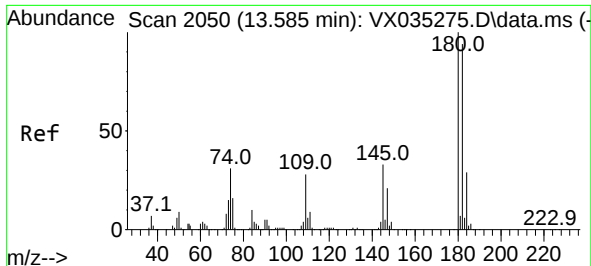


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.774 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24



Tgt Ion: 75 Resp: 17451
Ion Ratio Lower Upper
75 100
155 89.3 38.4 115.1
157 117.1 49.9 149.7





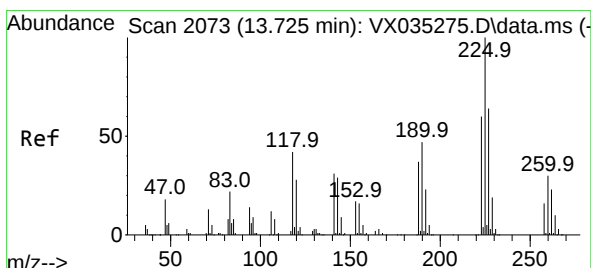
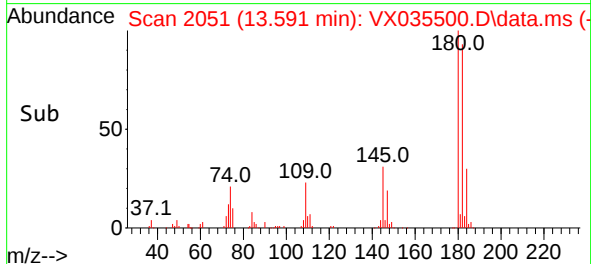
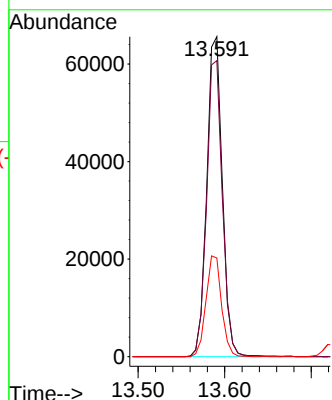
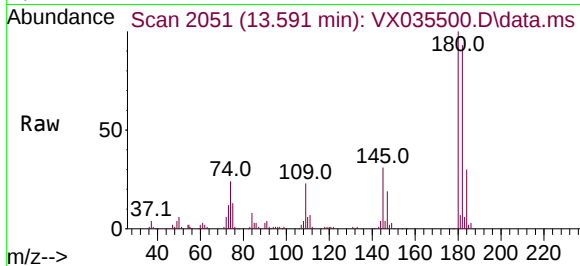
#93
1,2,4-Trichlorobenzene
Concen: 21.360 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0503WBSD01

Tgt Ion:180 Resp: 81689
Ion Ratio Lower Upper
180 100
182 94.3 47.0 141.0
145 31.6 15.9 47.7

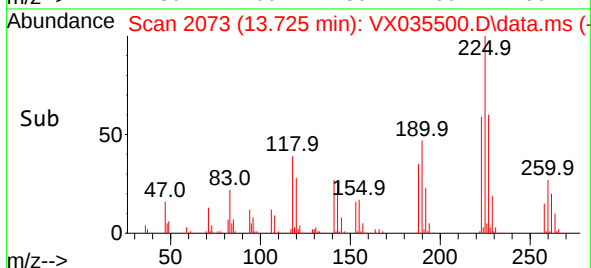
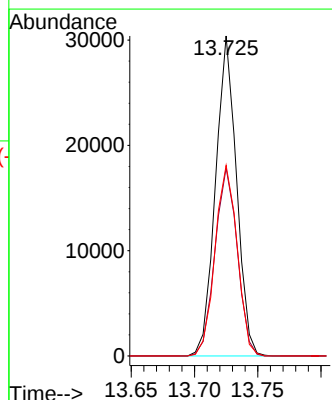
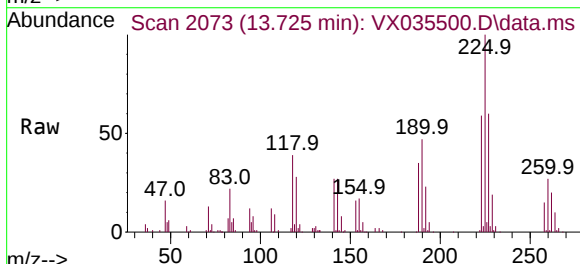
Manual Integrations
APPROVED

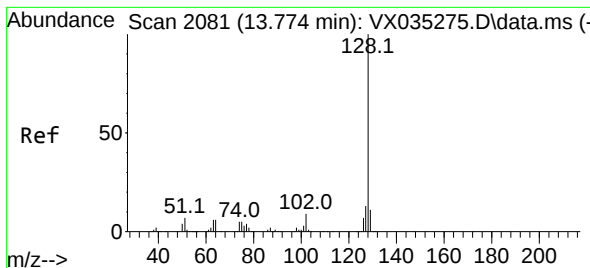
Reviewed By :John Carlone 05/03/2023
Supervised By :Mahesh Dadoda 05/04/2023



#94
Hexachlorobutadiene
Concen: 20.838 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035500.D
Acq: 03 May 2023 11:24

Tgt Ion:225 Resp: 34976
Ion Ratio Lower Upper
225 100
223 62.4 32.1 96.5
227 62.9 31.8 95.4





#95

Naphthalene

Concen: 22.615 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035500.D

Acq: 03 May 2023 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0503WBSD01

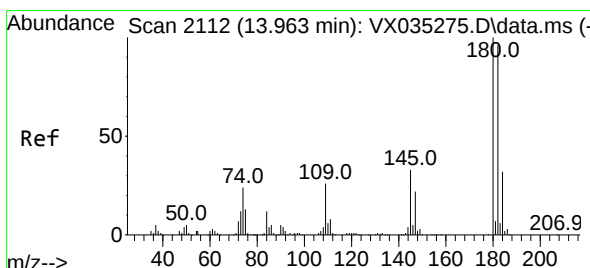
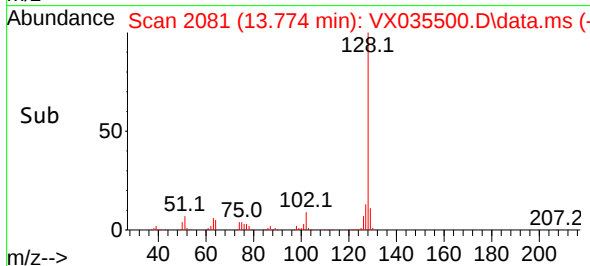
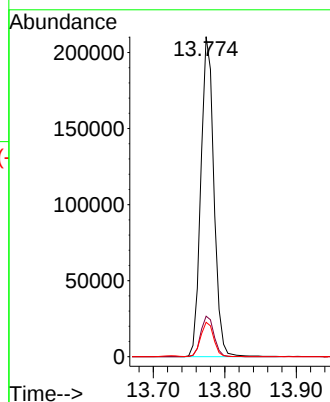
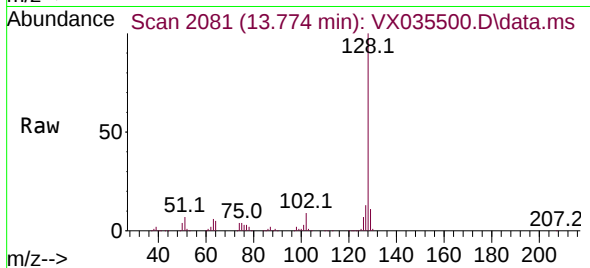
Tgt Ion:	128	Resp:	26625
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	10.8	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/03/2023

Supervised By :Mahesh Dadoda 05/04/2023



#96

1,2,3-Trichlorobenzene

Concen: 21.069 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035500.D

Acq: 03 May 2023 11:24

Tgt Ion:	180	Resp:	81115
Ion Ratio	Lower	Upper	
180	100		
182	94.3	48.0	144.2
145	32.8	17.7	53.1

