

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021223\
 Data File : VX034116.D
 Acq On : 10 Feb 2023 15:52
 Operator : JC/MD
 Sample : 01516-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15B-35-45-020923

Quant Time: Feb 11 00:35:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

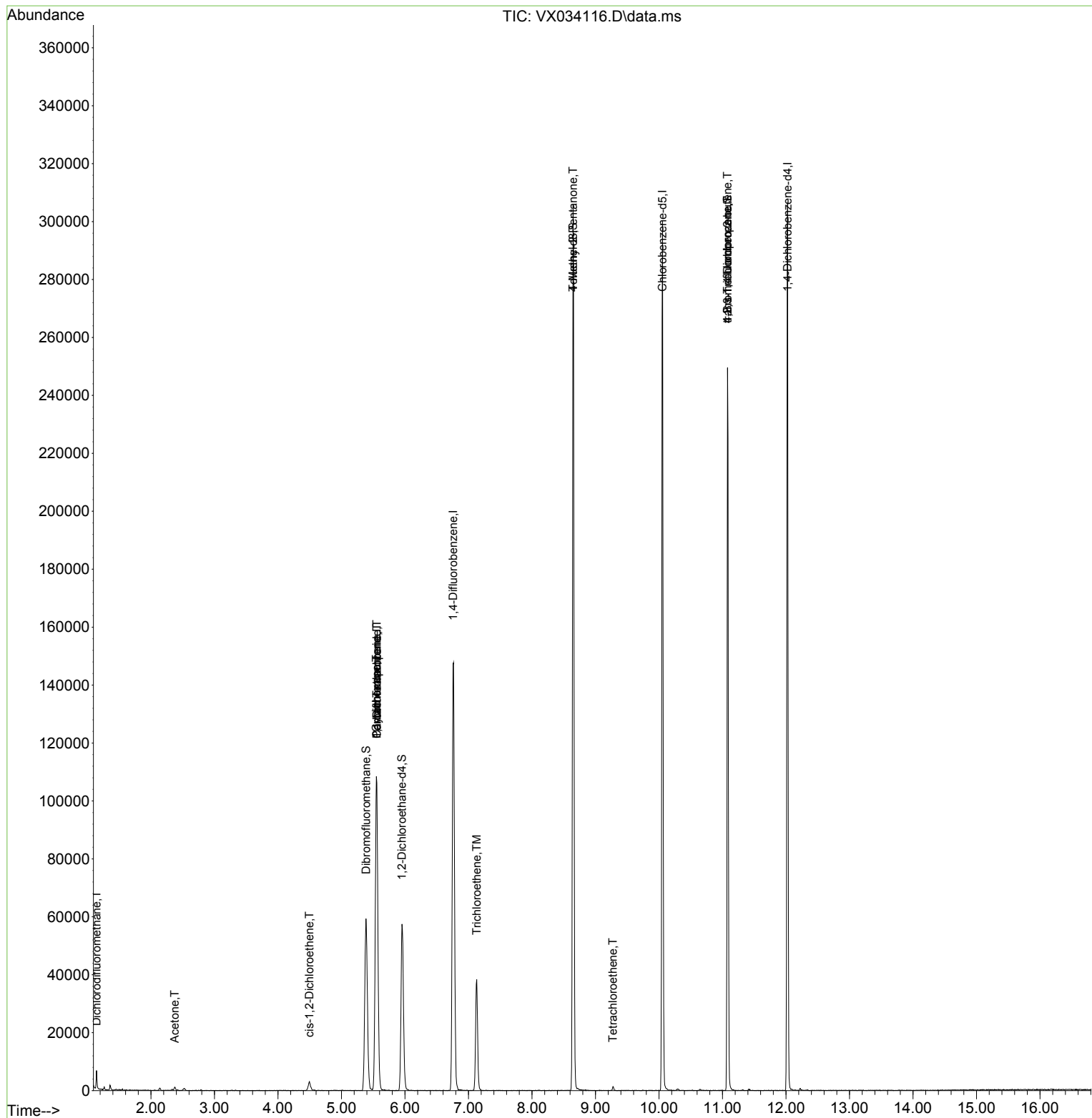
Internal Standards						
1) Pentafluorobenzene	5.556	168	118202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	163161	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57781	50.706	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.420%			
35) Dibromofluoromethane	5.385	113	51466	49.562	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.120%			
50) Toluene-d8	8.647	98	183869	49.146	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.300%			
62) 4-Bromofluorobenzene	11.079	95	66039	49.422	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.142	85	229	0.238	ug/l	77
16) Acetone	2.374	43	1415	2.940	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	2103	1.734	ug/l	87
31) Cyclohexane	5.550	56	1601	0.965	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6727	4.725	ug/l #	49
38) Carbon Tetrachloride	5.556	117	10107	6.656	ug/l #	16
44) Trichloroethene	7.129	130	16985	13.416	ug/l	85
51) 4-Methyl-2-Pentanone	8.647	43	758	0.584	ug/l #	1
64) Tetrachloroethene	9.275	164	247	0.205	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	31603	25.075	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	31603	77.222	ug/l #	8

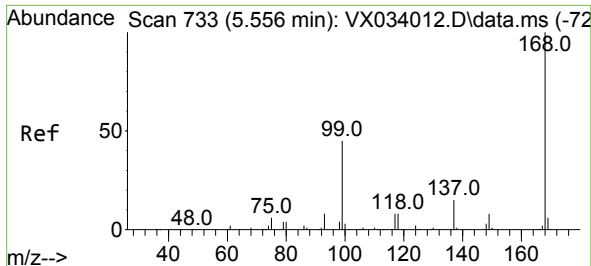
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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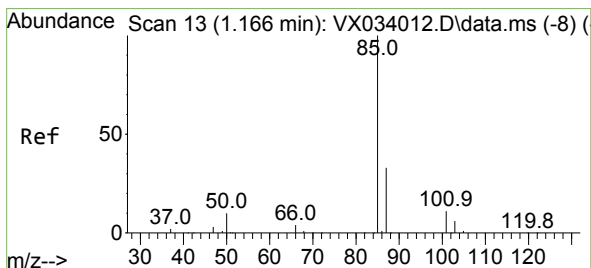
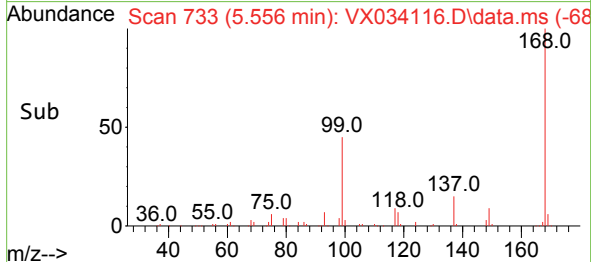
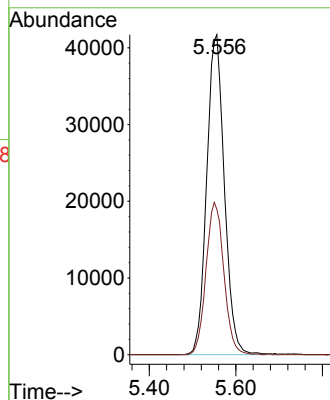
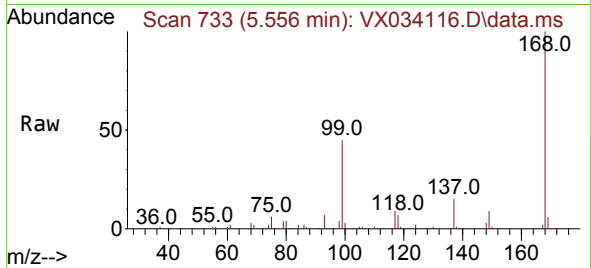




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX034116.D
Acq: 10 Feb 2023 15:52

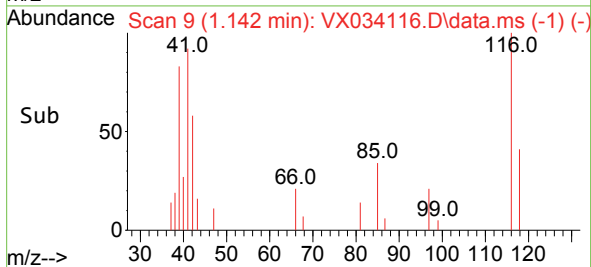
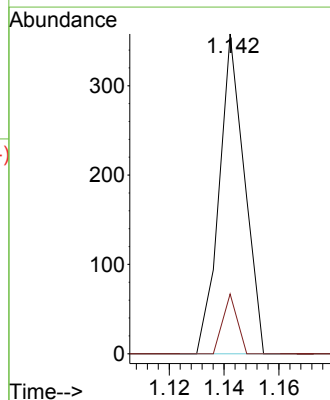
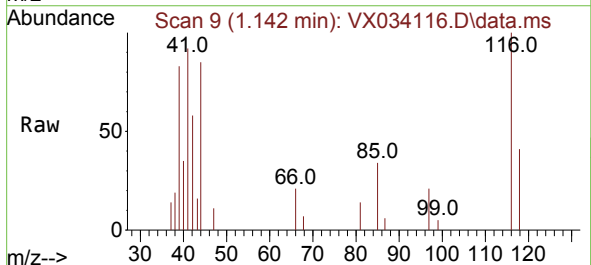
Instrument :
MSVOA_X
ClientSampleId :
MW-15B-35-45-020923

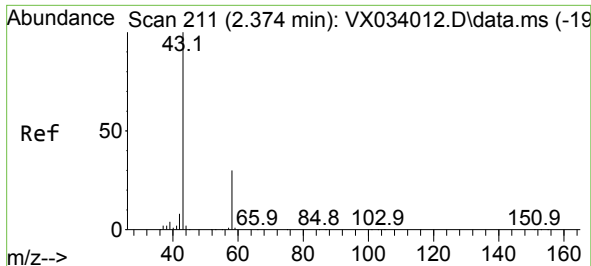
Tgt Ion:168 Resp: 118202
Ion Ratio Lower Upper
168 100
99 45.5 39.6 59.4



#2
Dichlorodifluoromethane
Concen: 0.238 ug/l
RT: 1.142 min Scan# 9
Delta R.T. -0.024 min
Lab File: VX034116.D
Acq: 10 Feb 2023 15:52

Tgt Ion: 85 Resp: 229
Ion Ratio Lower Upper
85 100
87 18.7 15.8 47.4

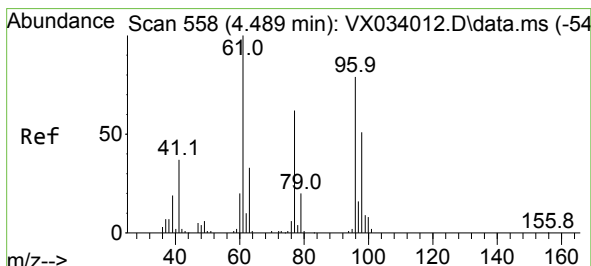
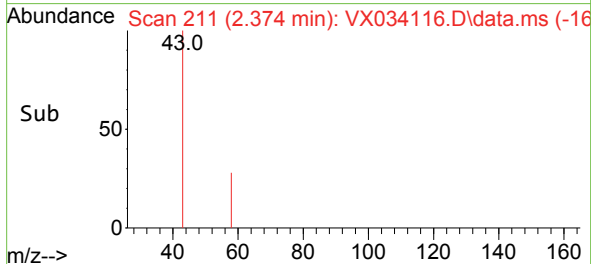
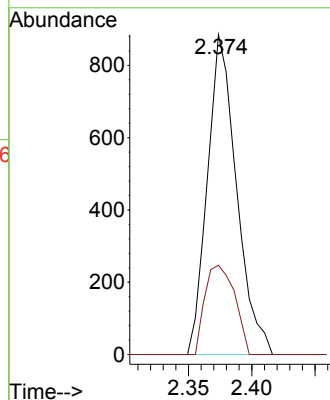
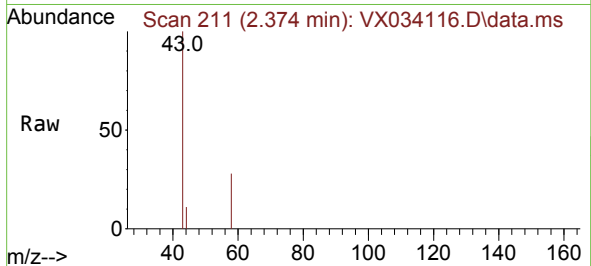




#16
Acetone
Concen: 2.940 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034116.D
Acq: 10 Feb 2023 15:52

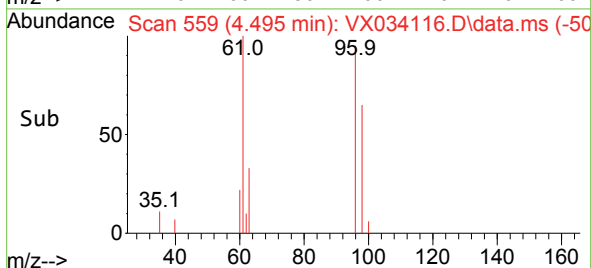
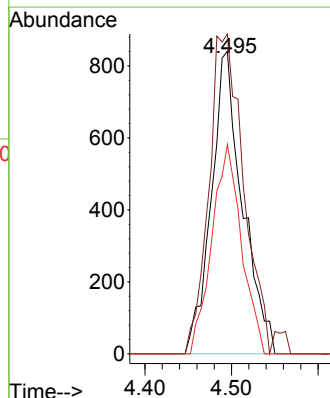
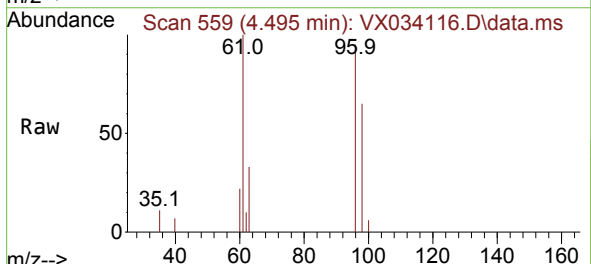
Instrument : MSVOA_X
ClientSampleId : MW-15B-35-45-020923

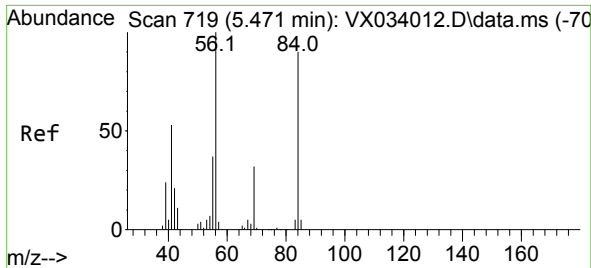
Tgt Ion: 43 Resp: 1415
Ion Ratio Lower Upper
43 100
58 27.9 22.6 33.8



#27
cis-1,2-Dichloroethene
Concen: 1.734 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX034116.D
Acq: 10 Feb 2023 15:52

Tgt Ion: 96 Resp: 2103
Ion Ratio Lower Upper
96 100
61 117.6 0.0 277.6
98 65.6 0.0 128.0





#31

Cyclohexane

Concen: 0.965 ug/l

RT: 5.550 min Scan# 719

Delta R.T. 0.079 min

Lab File: VX034116.D

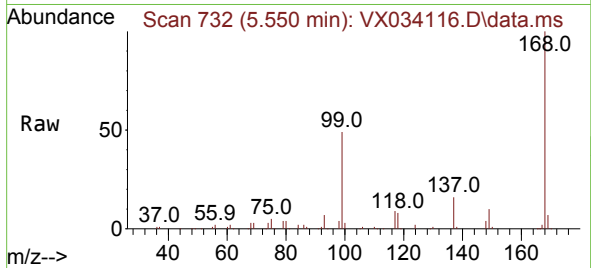
Acq: 10 Feb 2023 15:52

Instrument :

MSVOA_X

ClientSampleId :

MW-15B-35-45-020923



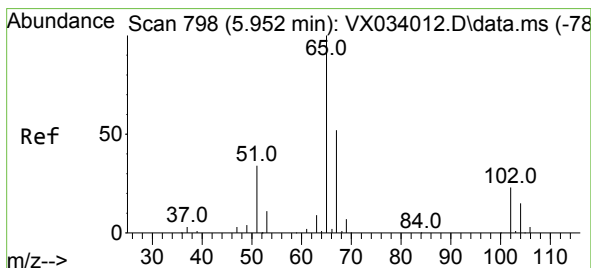
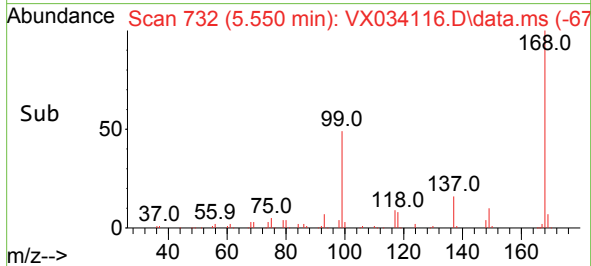
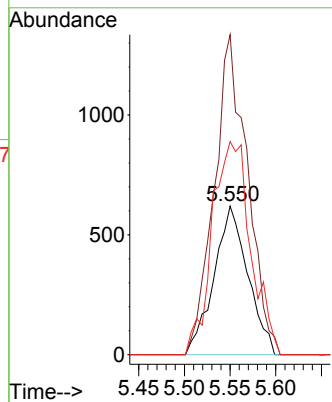
Tgt Ion: 56 Resp: 1601

Ion Ratio Lower Upper

56 100

69 215.3 24.6 37.0#

84 143.4 71.0 106.6#



#33

1,2-Dichloroethane-d4

Concen: 50.706 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034116.D

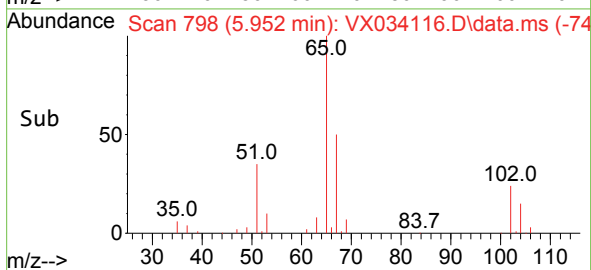
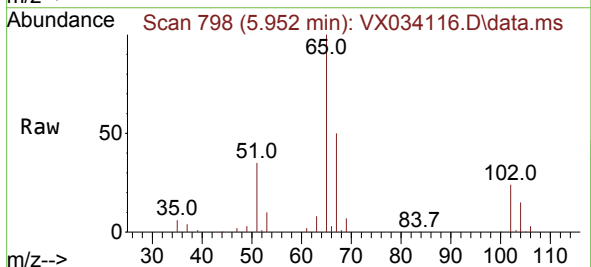
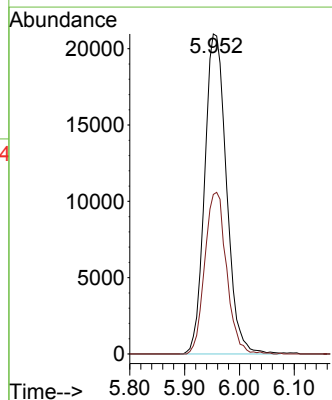
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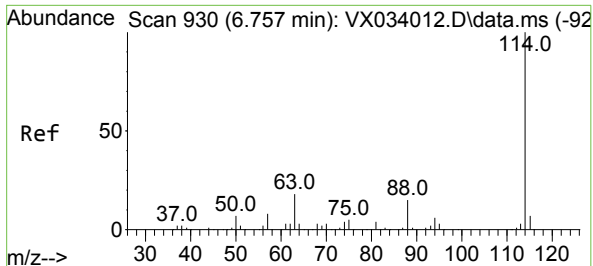
Tgt Ion: 65 Resp: 57781

Ion Ratio Lower Upper

65 100

67 50.4 0.0 104.8

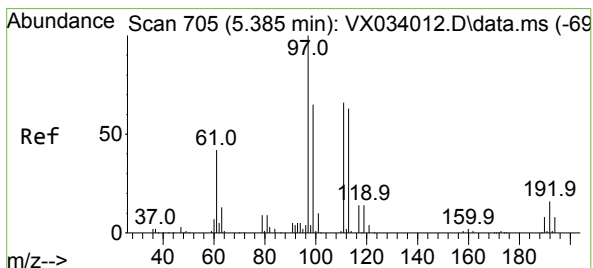
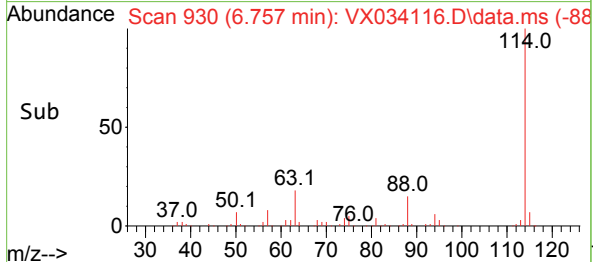
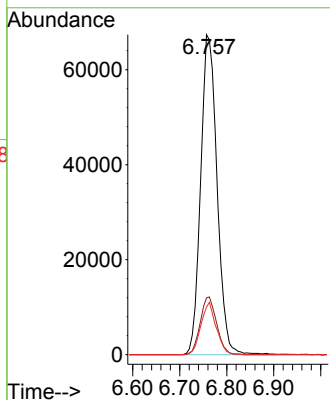
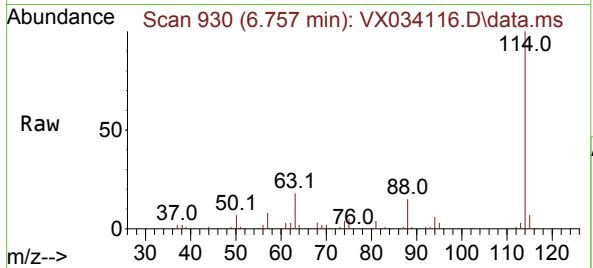




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034116.D
Acq: 10 Feb 2023 15:52

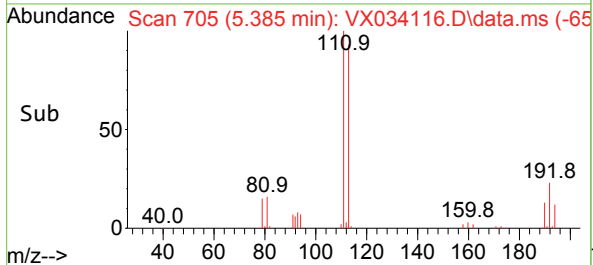
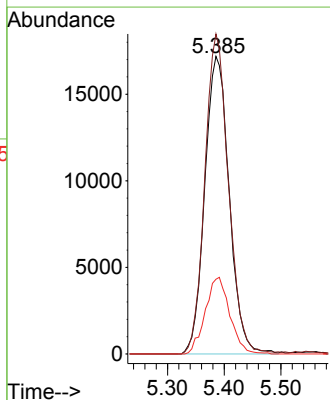
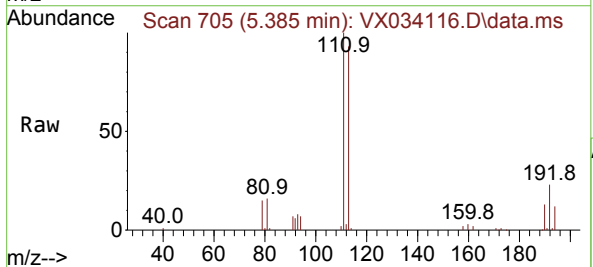
Instrument :
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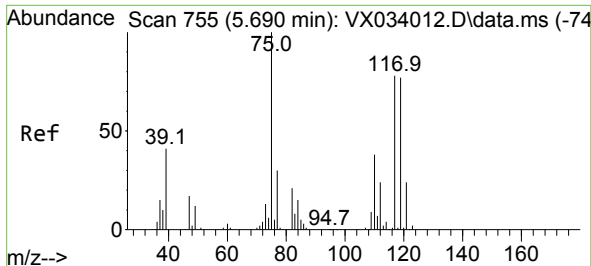
Tgt Ion:114 Resp: 163161
Ion Ratio Lower Upper
114 100
63 17.8 0.0 37.4
88 14.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.562 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034116.D
Acq: 10 Feb 2023 15:52

Tgt Ion:113 Resp: 51466
Ion Ratio Lower Upper
113 100
111 104.3 83.0 124.6
192 25.8 19.0 28.4

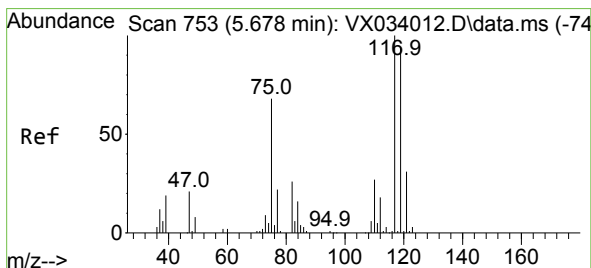
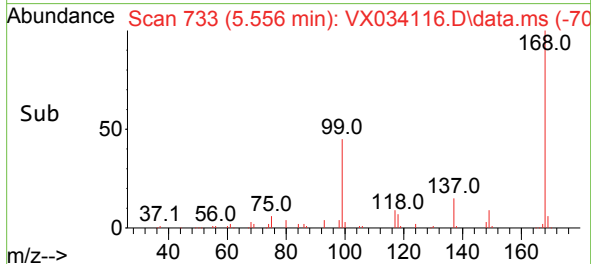
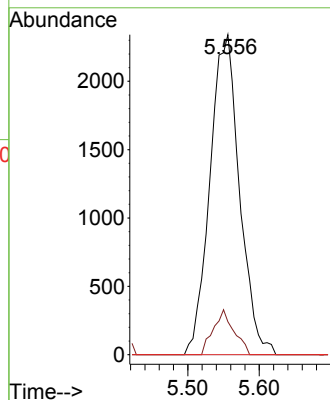
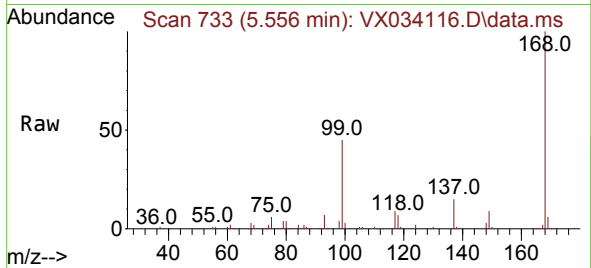




#36
1,1-Dichloropropene
Concen: 4.725 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX034116.D
Acq: 10 Feb 2023 15:52

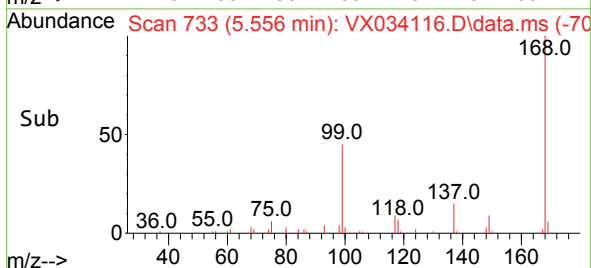
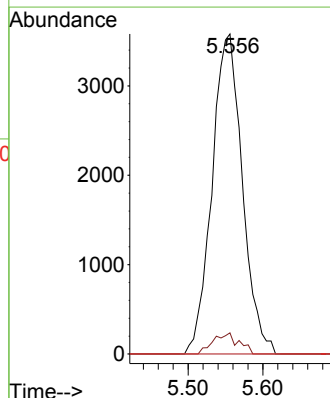
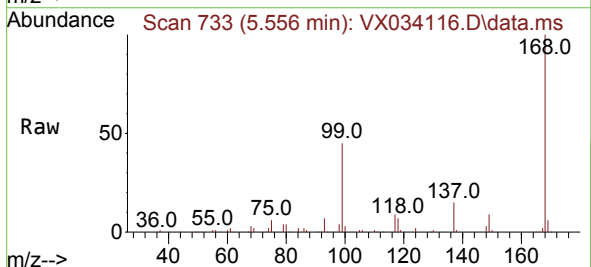
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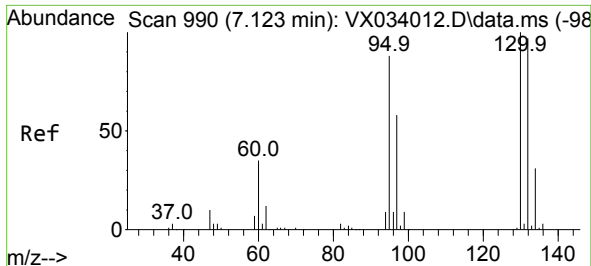
Tgt Ion: 75 Resp: 6727
Ion Ratio Lower Upper
75 100
110 9.8 18.8 56.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.656 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX034116.D
Acq: 10 Feb 2023 15:52

Tgt Ion: 117 Resp: 10107
Ion Ratio Lower Upper
117 100
119 6.6 78.0 117.0#
121 0.0 24.4 36.6#

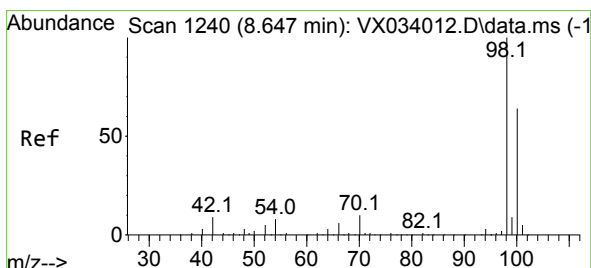
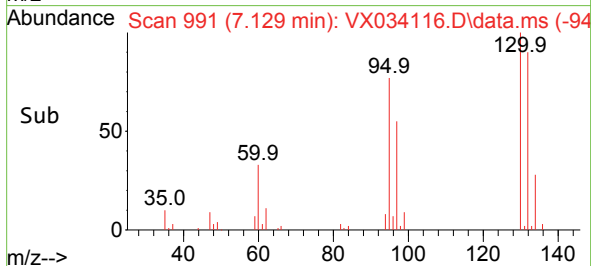
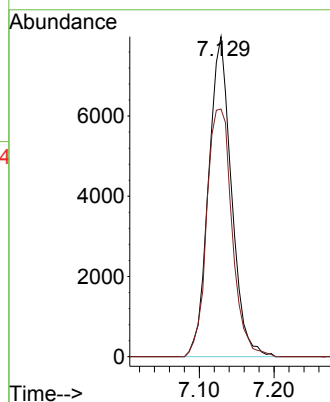
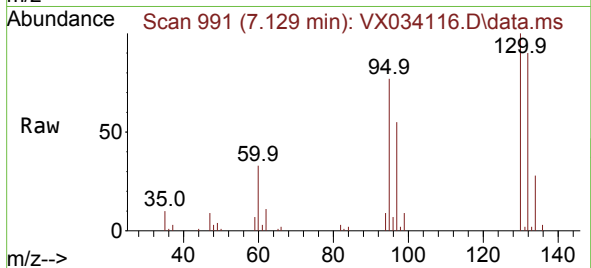




#44
Trichloroethene
Concen: 13.416 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX034116.D
Acq: 10 Feb 2023 15:52

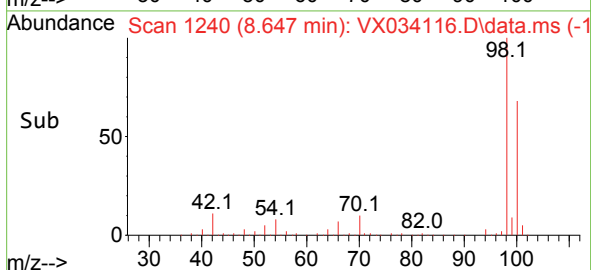
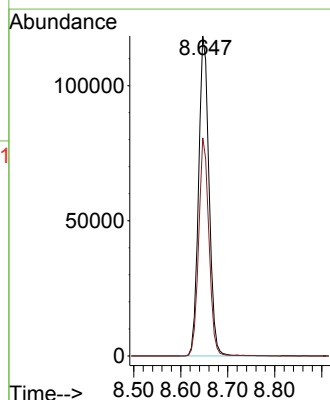
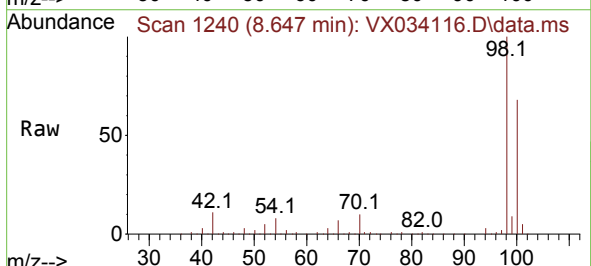
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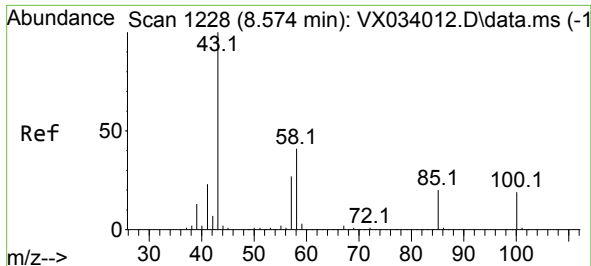
Tgt Ion:130 Resp: 16985
Ion Ratio Lower Upper
130 100
95 77.4 0.0 182.6



#50
Toluene-d8
Concen: 49.146 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034116.D
Acq: 10 Feb 2023 15:52

Tgt Ion: 98 Resp: 183869
Ion Ratio Lower Upper
98 100
100 66.9 53.6 80.4

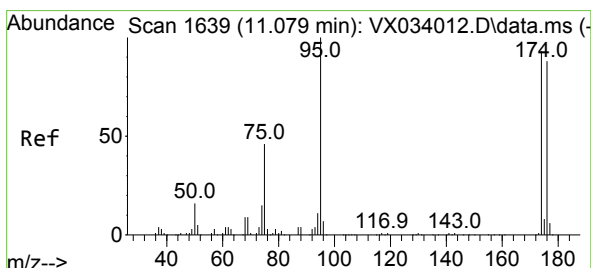
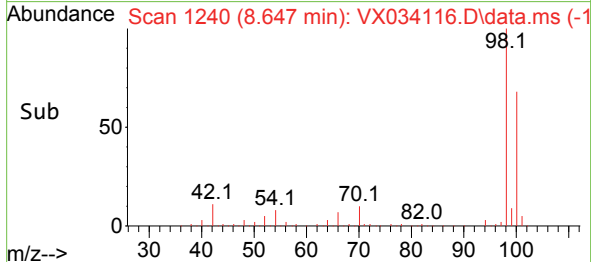
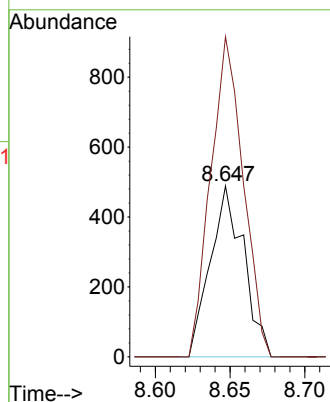
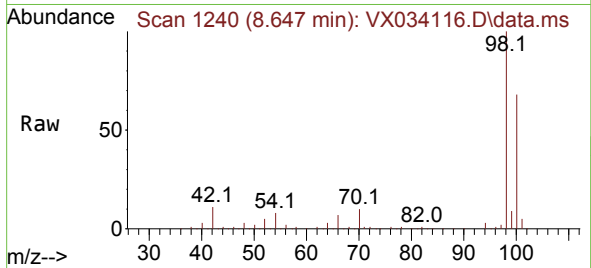




#51
4-Methyl-2-Pentanone
Concen: 0.584 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX034116.D
Acq: 10 Feb 2023 15:52

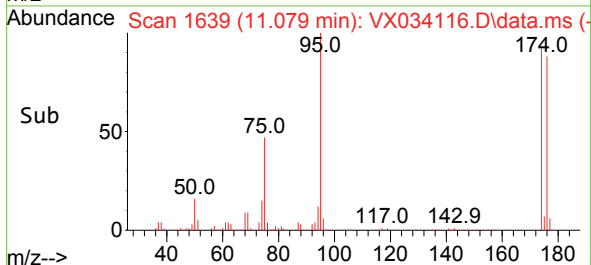
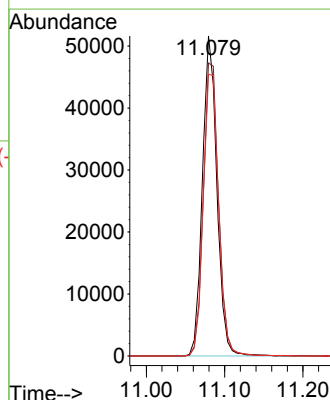
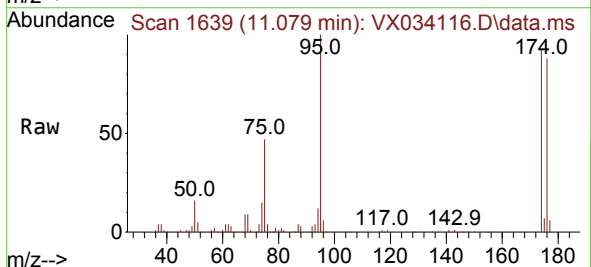
Instrument :
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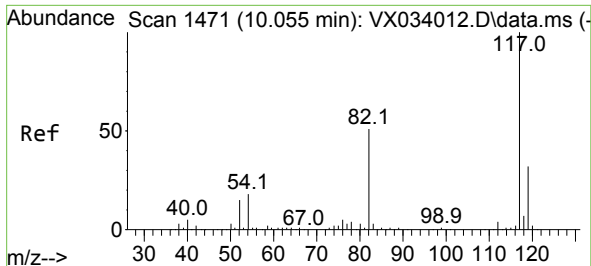
Tgt Ion: 43 Resp: 758
Ion Ratio Lower Upper
43 100
58 183.1 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 49.422 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034116.D
Acq: 10 Feb 2023 15:52

Tgt Ion: 95 Resp: 66039
Ion Ratio Lower Upper
95 100
174 96.8 0.0 184.4
176 94.2 0.0 178.8

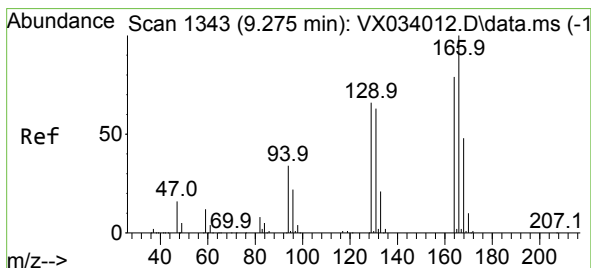
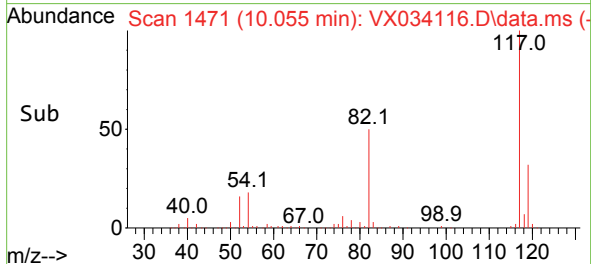
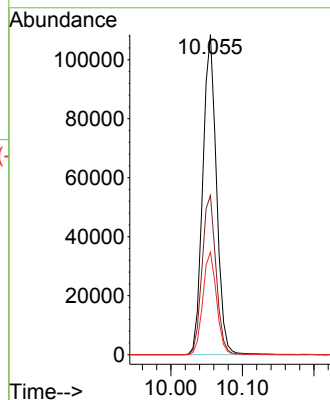
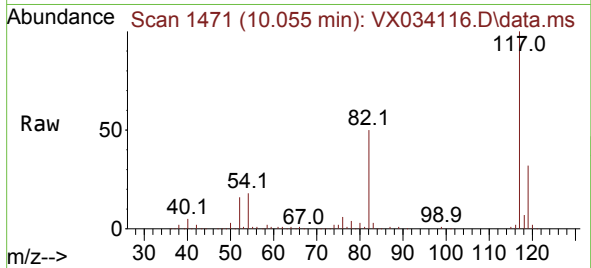




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034116.D
Acq: 10 Feb 2023 15:52

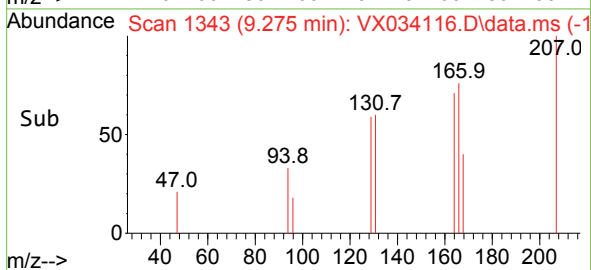
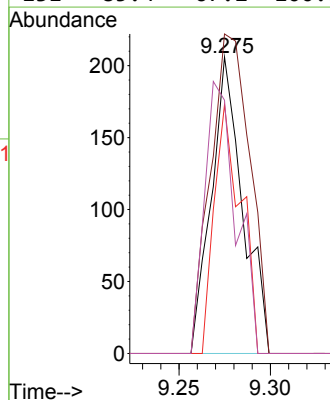
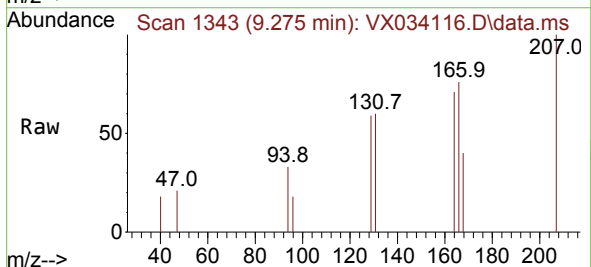
Instrument :
MSVOA_X
ClientSampleId :
MW-15B-35-45-020923

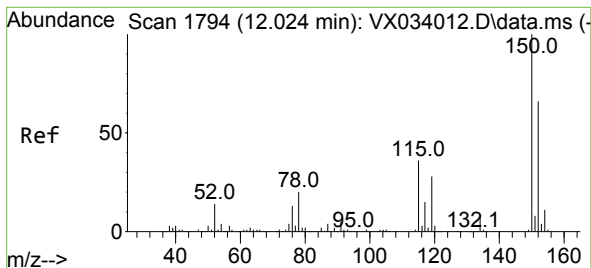
Tgt Ion:117 Resp: 144419
Ion Ratio Lower Upper
117 100
82 49.7 40.6 60.8
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 0.205 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034116.D
Acq: 10 Feb 2023 15:52

Tgt Ion:164 Resp: 247
Ion Ratio Lower Upper
164 100
166 107.8 100.2 150.2
129 84.0 69.2 103.8
131 85.4 67.2 100.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034116.D

Acq: 10 Feb 2023 15:52

Instrument :

MSVOA_X

ClientSampleId :

MW-15B-35-45-020923

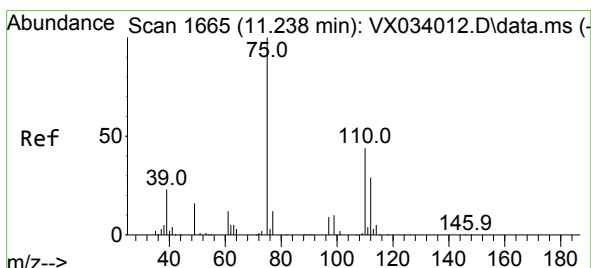
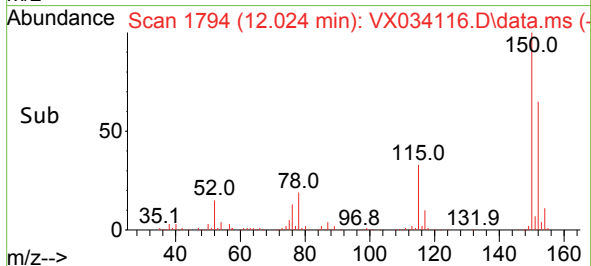
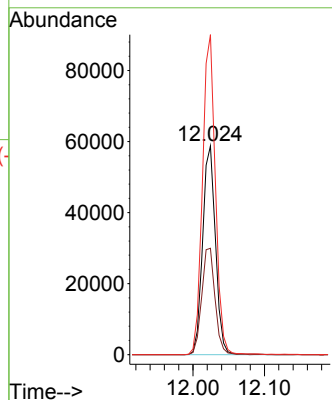
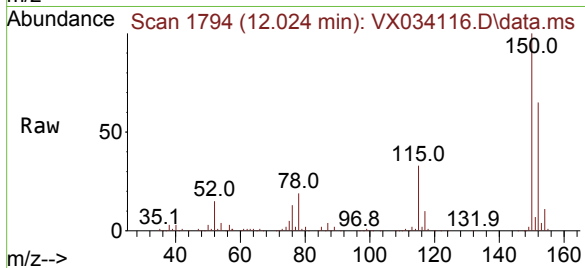
Tgt Ion:152 Resp: 73400

Ion Ratio Lower Upper

152 100

115 52.9 38.7 116.1

150 153.9 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 25.075 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX034116.D

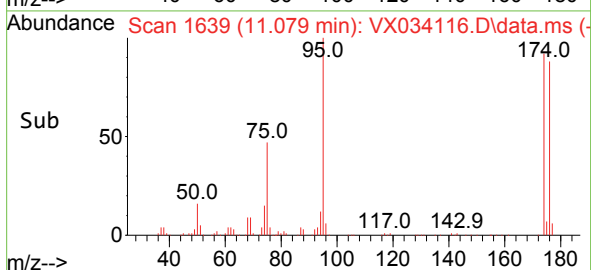
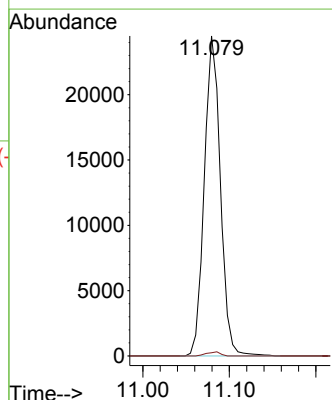
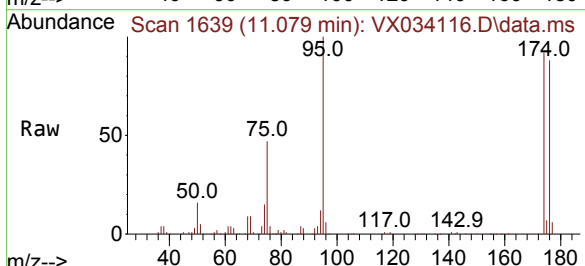
Acq: 10 Feb 2023 15:52

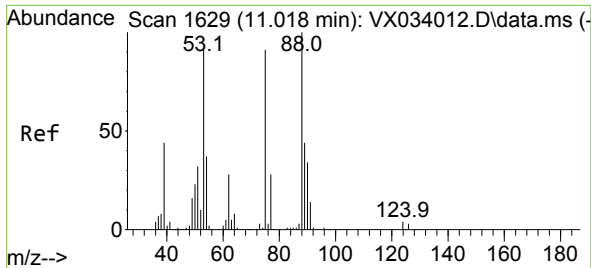
Tgt Ion: 75 Resp: 31603

Ion Ratio Lower Upper

75 100

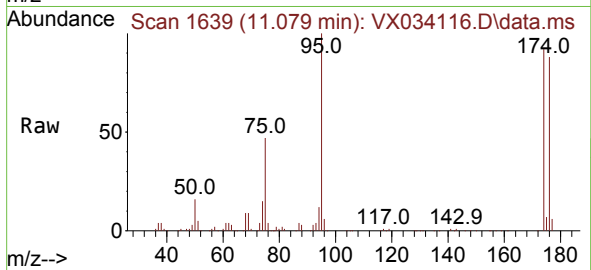
77 1.1 21.8 65.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.222 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034116.D
 Acq: 10 Feb 2023 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15B-35-45-020923



Tgt Ion: 75 Resp: 31603
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.0 124.6#
 89 0.0 37.7 56.5#

