

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041423\
 Data File : VX035065.D
 Acq On : 13 Apr 2023 15:37
 Operator : JC/MD
 Sample : 02260-09ME
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-1C

Quant Time: Apr 14 05:42:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

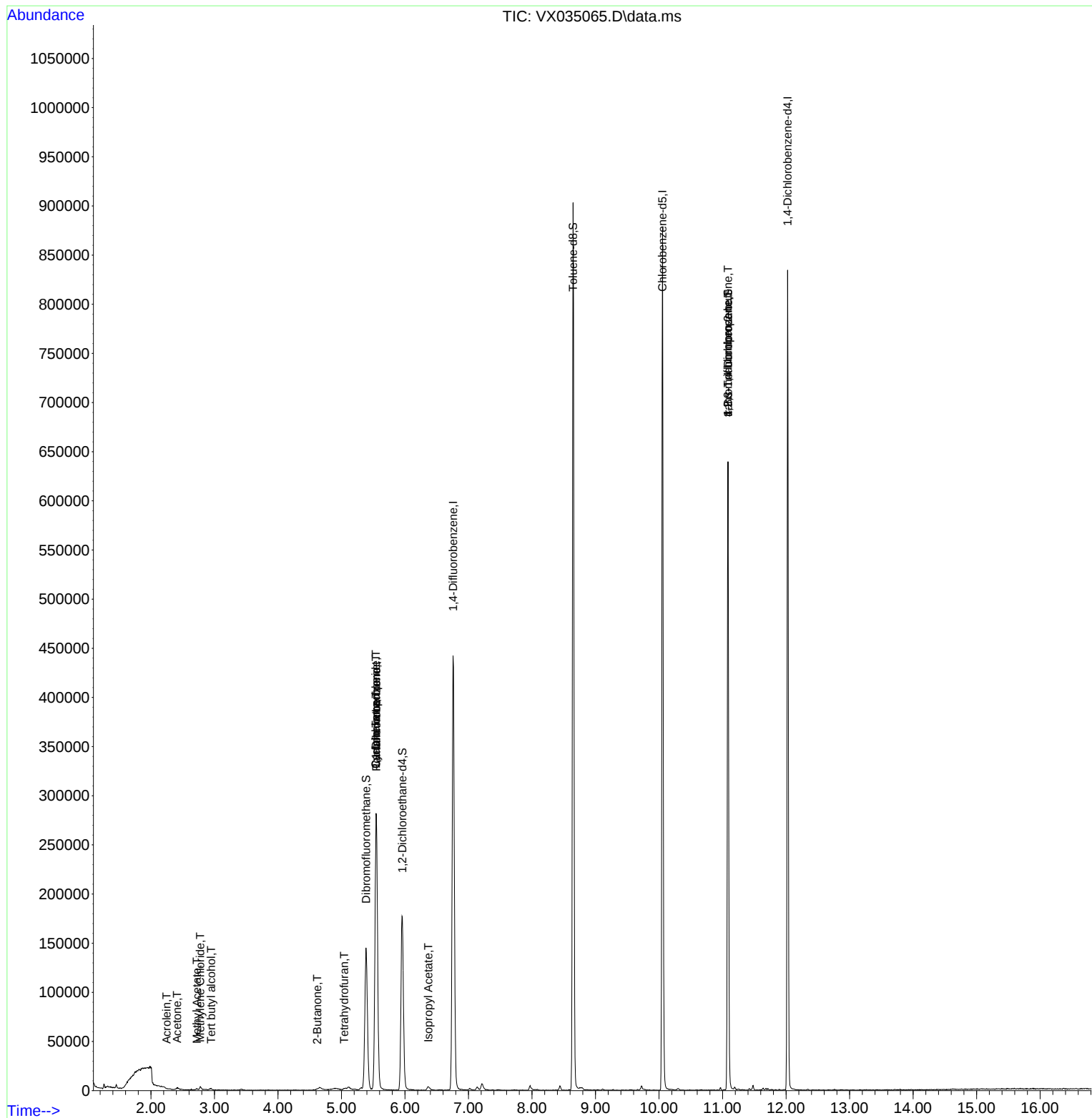
Internal Standards						
1) Pentafluorobenzene	5.550	168	266265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	450300	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	395795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173983	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	175187	43.021	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.040%		
35) Dibromofluoromethane	5.385	113	125878	42.264	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	84.520%		
50) Toluene-d8	8.647	98	533666	48.544	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.080%		
62) 4-Bromofluorobenzene	11.085	95	193253	45.427	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.860%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.946	59	992	1.388	ug/l #	73
13) Acrolein	2.245	56	169	0.230	ug/l #	1
16) Acetone	2.410	43	2634	1.592	ug/l	96
18) Methyl Acetate	2.721	43	1499	0.255	ug/l #	82
20) Methylene Chloride	2.776	84	1727	0.529	ug/l #	68
25) 2-Butanone	4.617	43	3248	1.350	ug/l	99
29) Tetrahydrofuran	5.044	42	1572	1.043	ug/l #	66
31) Cyclohexane	5.544	56	5651	1.140	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	22093	5.007	ug/l #	50
38) Carbon Tetrachloride	5.544	117	27872	6.700	ug/l #	16
43) Isopropyl Acetate	6.367	43	2036	0.264	ug/l #	62
76) 1,2,3-Trichloropropane	11.085	75	98297	28.040	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.085	75	98297	84.033	ug/l #	8

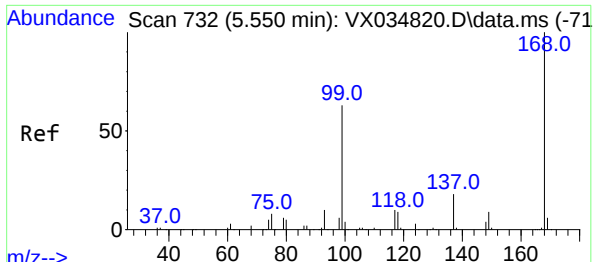
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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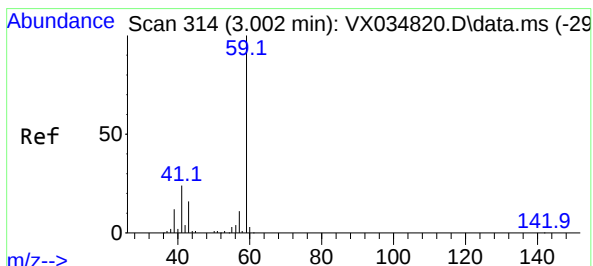
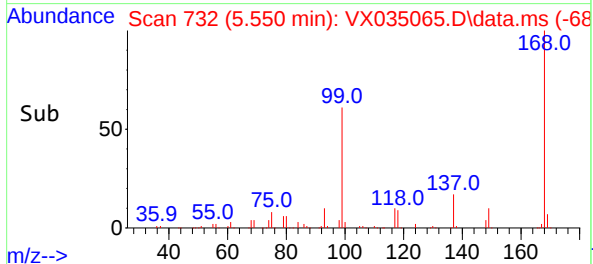
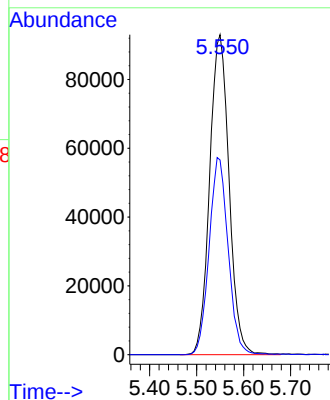
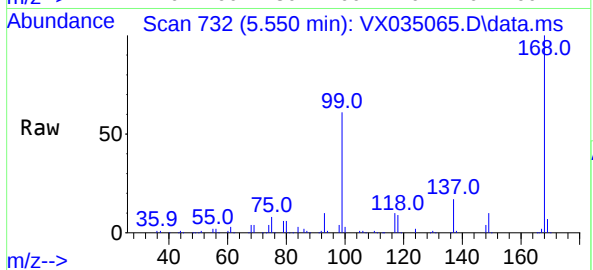




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035065.D
Acq: 13 Apr 2023 15:37

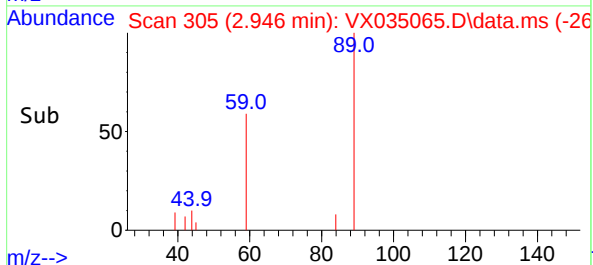
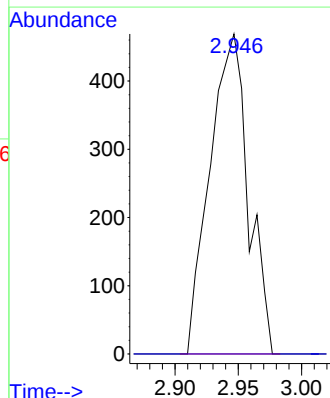
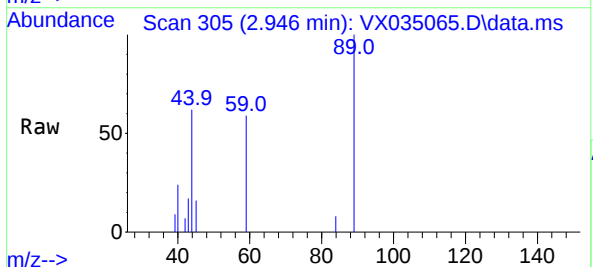
Instrument :
MSVOA_X
ClientSampleId :
SP-1C

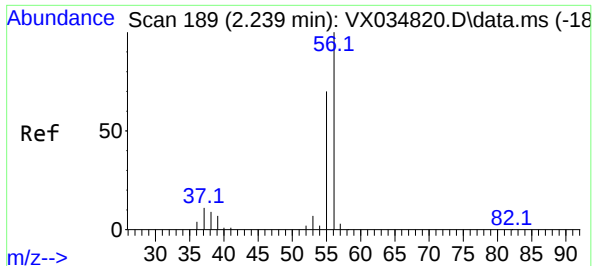
Tgt Ion:168 Resp: 266265
Ion Ratio Lower Upper
168 100
99 60.9 45.7 68.5



#11
Tert butyl alcohol
Concen: 1.388 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.055 min
Lab File: VX035065.D
Acq: 13 Apr 2023 15:37

Tgt Ion: 59 Resp: 992
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

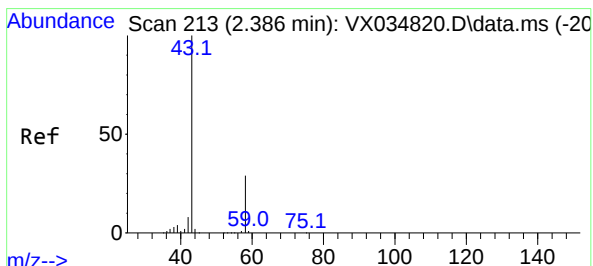
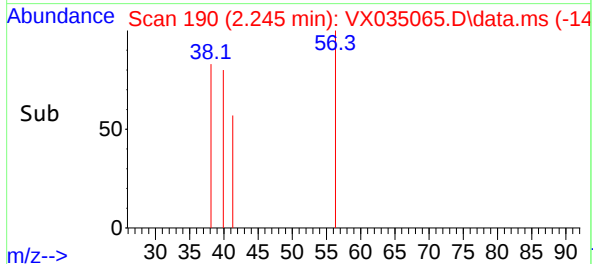
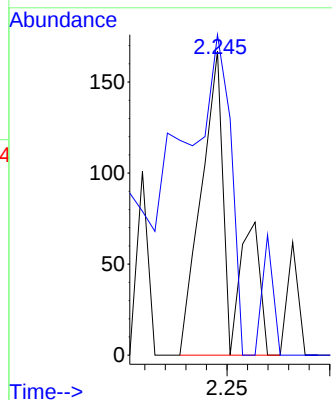
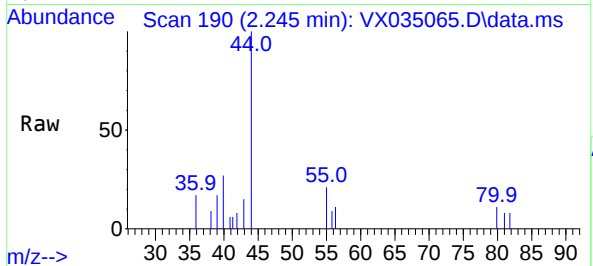




#13
Acrolein
Concen: 0.230 ug/l
RT: 2.245 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX035065.D
Acq: 13 Apr 2023 15:37

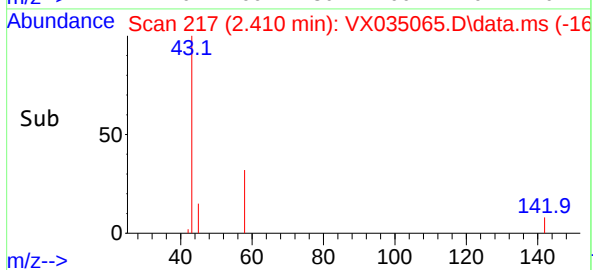
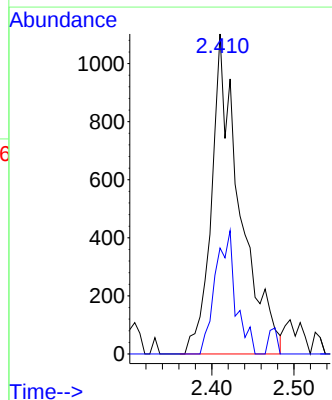
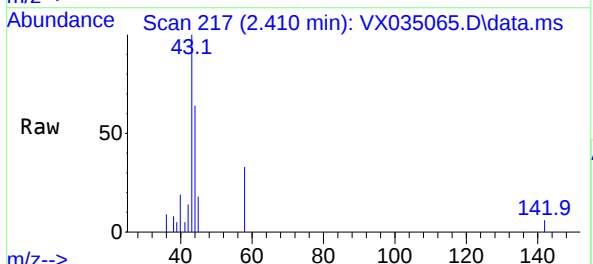
Instrument :
MSVOA_X
ClientSampleId :
SP-1C

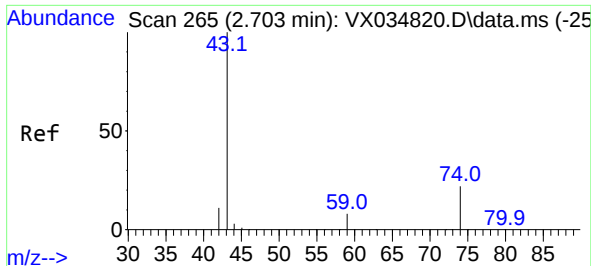
Tgt Ion: 56 Resp: 169
Ion Ratio Lower Upper
56 100
55 169.2 56.6 85.0#



#16
Acetone
Concen: 1.592 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.024 min
Lab File: VX035065.D
Acq: 13 Apr 2023 15:37

Tgt Ion: 43 Resp: 2634
Ion Ratio Lower Upper
43 100
58 33.1 24.7 37.1

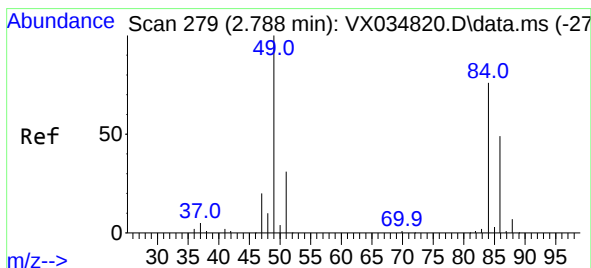
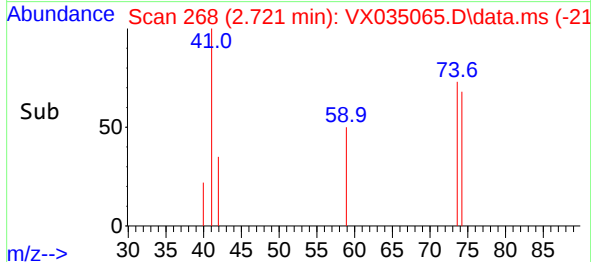
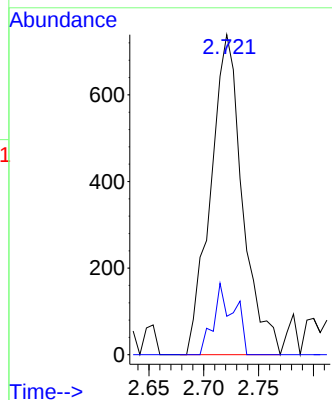
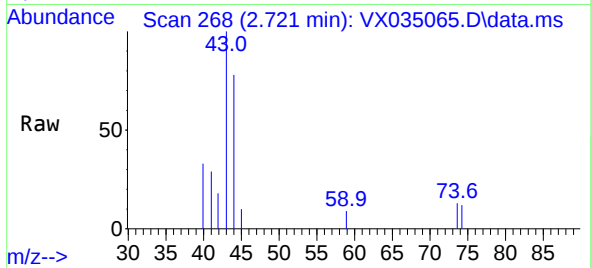




#18
Methyl Acetate
Concen: 0.255 ug/l
RT: 2.721 min Scan# 21
Delta R.T. 0.018 min
Lab File: VX035065.D
Acq: 13 Apr 2023 15:37

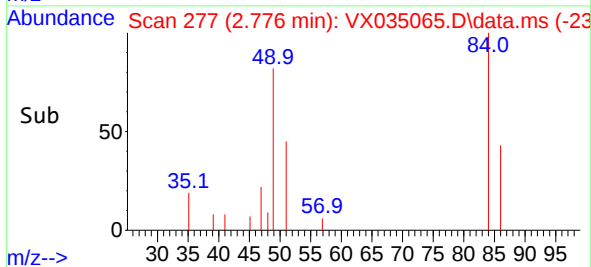
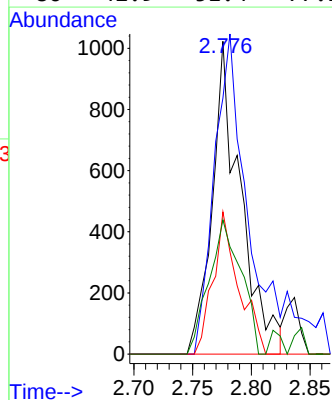
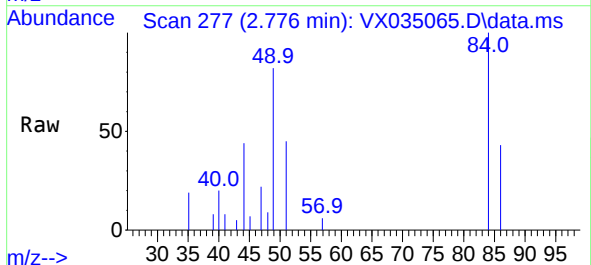
Instrument :
MSVOA_X
ClientSampleId :
SP-1C

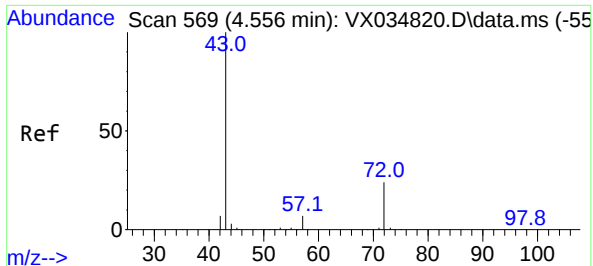
Tgt Ion: 43 Resp: 1499
Ion Ratio Lower Upper
43 100
74 14.4 18.3 27.5#



#20
Methylene Chloride
Concen: 0.529 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX035065.D
Acq: 13 Apr 2023 15:37

Tgt Ion: 84 Resp: 1727
Ion Ratio Lower Upper
84 100
49 81.8 103.8 155.8#
51 45.5 31.8 47.8
86 42.9 51.4 77.2#





#25

2-Butanone

Concen: 1.350 ug/l

RT: 4.617 min Scan# 51

Delta R.T. 0.061 min

Lab File: VX035065.D

Acq: 13 Apr 2023 15:37

Instrument :

MSVOA_X

ClientSampleId :

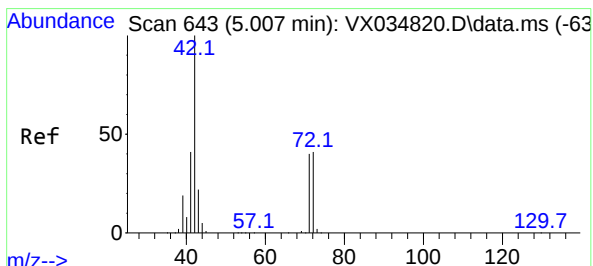
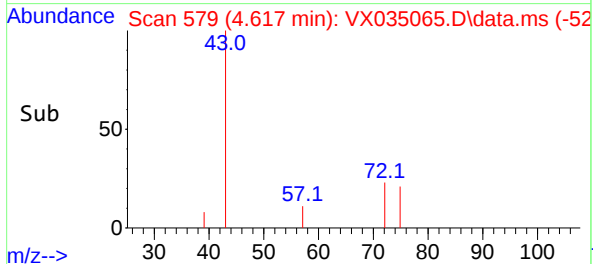
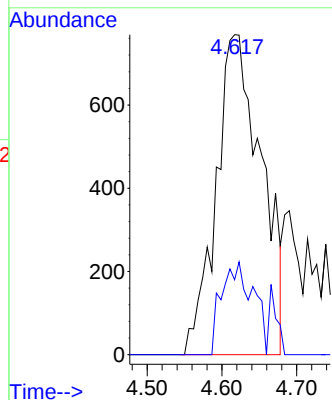
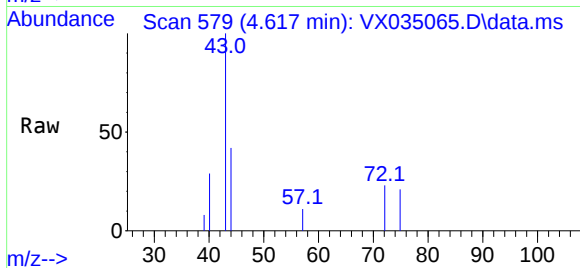
SP-1C

Tgt Ion: 43 Resp: 3248

Ion Ratio Lower Upper

43 100

72 23.4 19.3 28.9



#29

Tetrahydrofuran

Concen: 1.043 ug/l

RT: 5.044 min Scan# 649

Delta R.T. 0.036 min

Lab File: VX035065.D

Acq: 13 Apr 2023 15:37

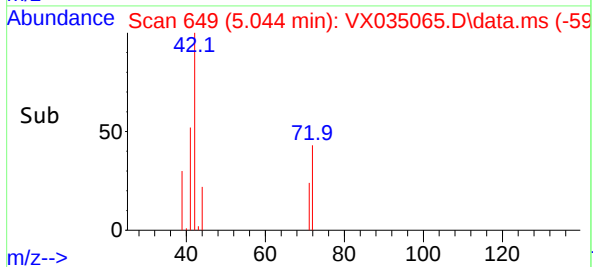
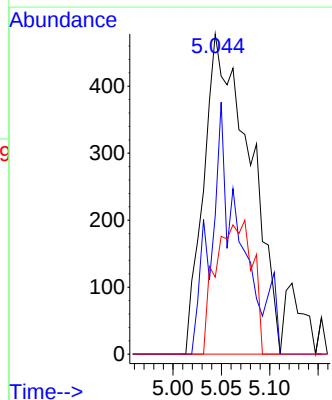
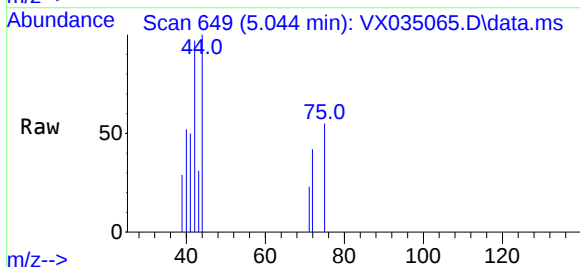
Tgt Ion: 42 Resp: 1572

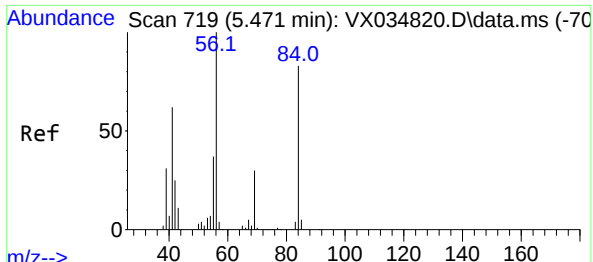
Ion Ratio Lower Upper

42 100

72 46.0 34.5 51.7

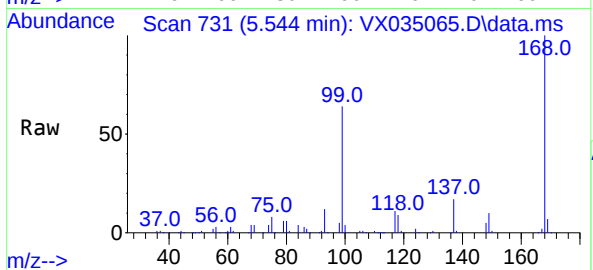
71 0.0 32.1 48.1#



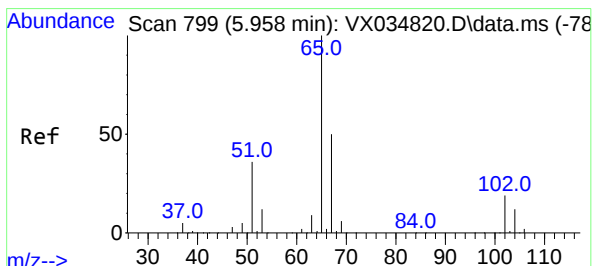
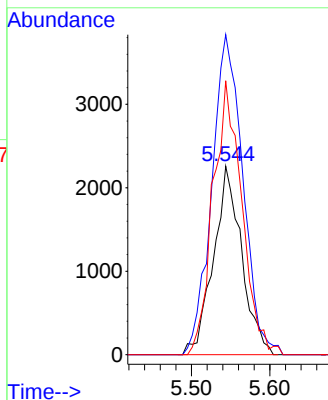
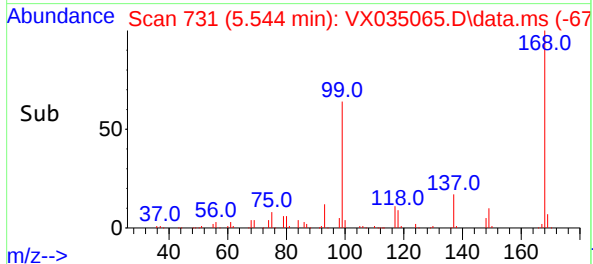


#31
Cyclohexane
Concen: 1.140 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX035065.D
Acq: 13 Apr 2023 15:37

Instrument :
MSVOA_X
ClientSampleId :
SP-1C

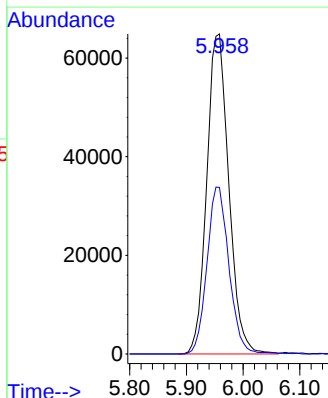
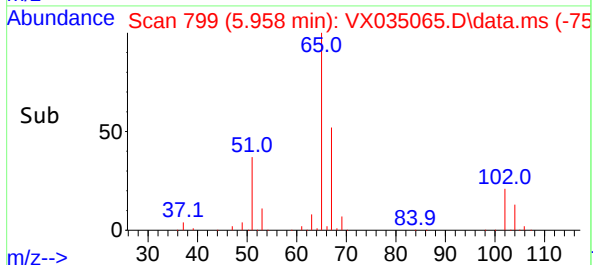
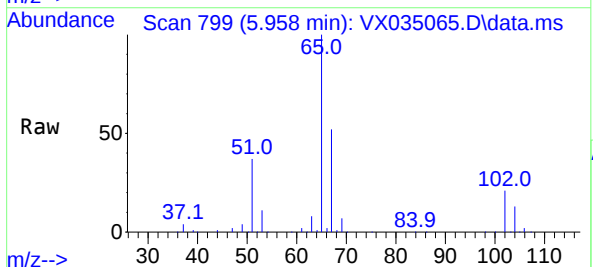


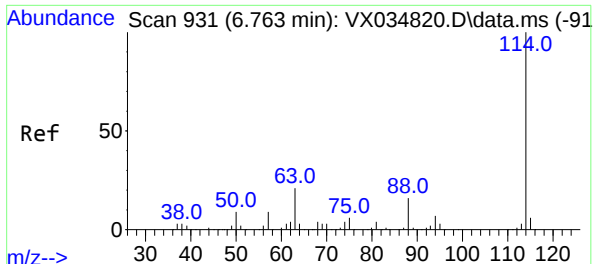
Tgt Ion: 56 Resp: 5651
Ion Ratio Lower Upper
56 100
69 169.8 23.7 35.5#
84 145.4 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 43.021 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX035065.D
Acq: 13 Apr 2023 15:37

Tgt Ion: 65 Resp: 175187
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.0

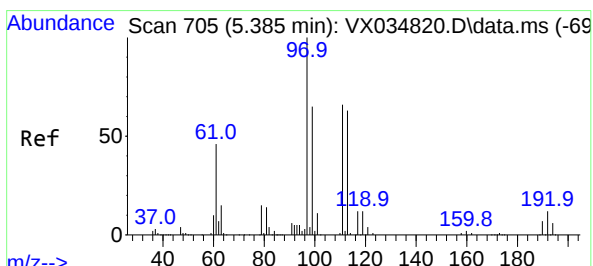
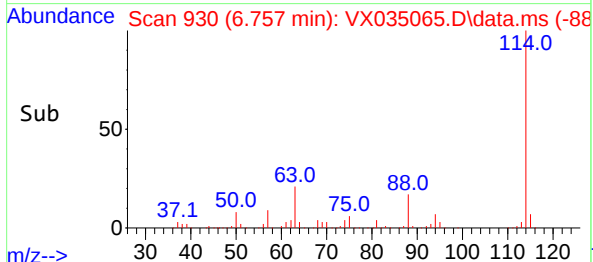
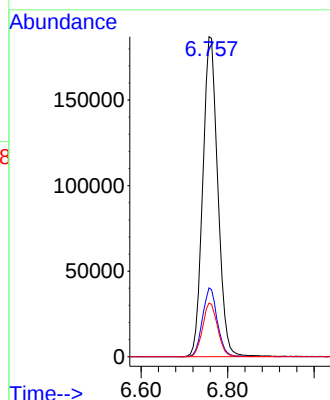
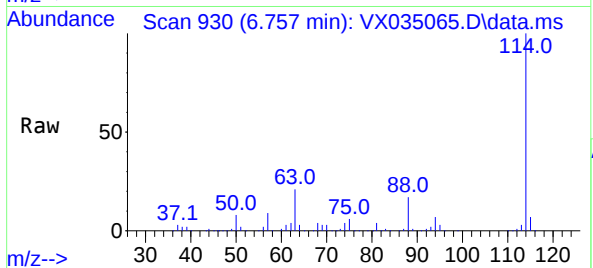




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX035065.D
Acq: 13 Apr 2023 15:37

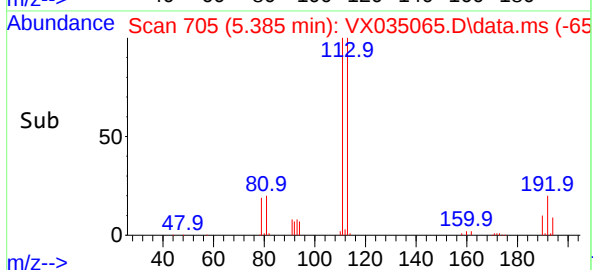
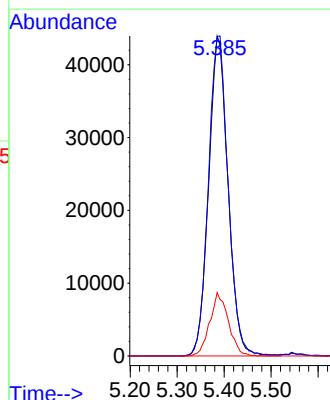
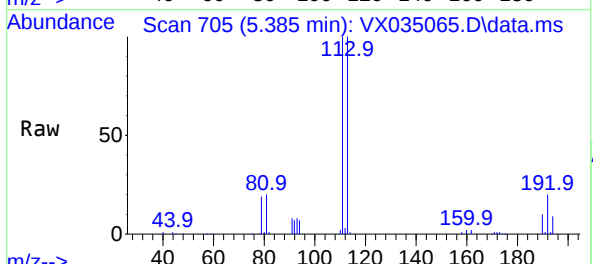
Instrument :
MSVOA_X
ClientSampleId :
SP-1C

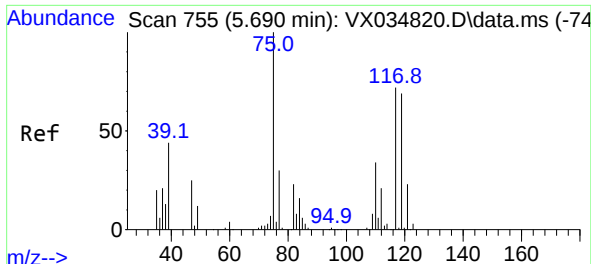
Tgt Ion:114 Resp: 450300
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.2
88 16.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 42.264 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035065.D
Acq: 13 Apr 2023 15:37

Tgt Ion:113 Resp: 125878
Ion Ratio Lower Upper
113 100
111 101.7 83.7 125.5
192 19.0 15.4 23.2

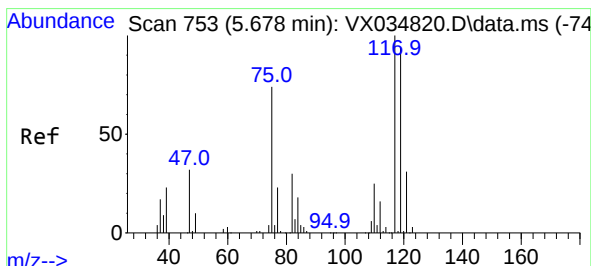
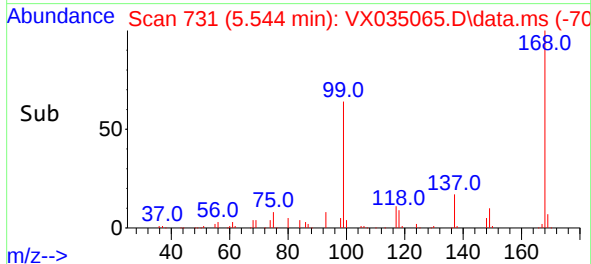
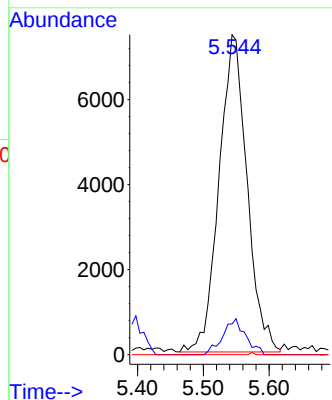
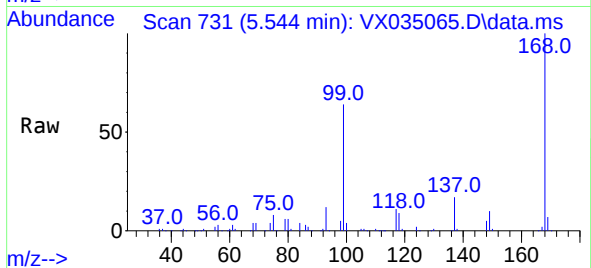




#36
1,1-Dichloropropene
Concen: 5.007 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX035065.D
Acq: 13 Apr 2023 15:37

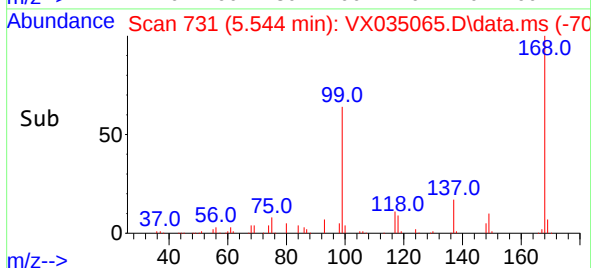
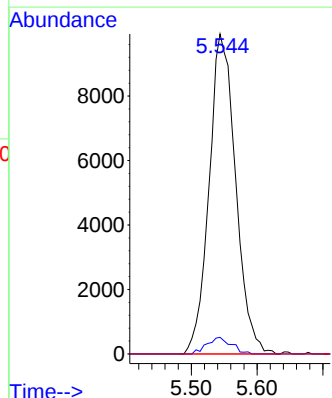
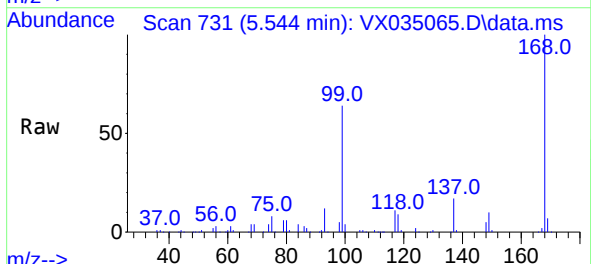
Instrument :
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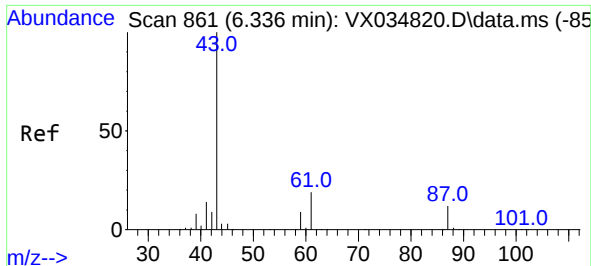
Tgt Ion: 75 Resp: 22093
Ion Ratio Lower Upper
75 100
110 9.2 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.700 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX035065.D
Acq: 13 Apr 2023 15:37

Tgt Ion: 117 Resp: 27872
Ion Ratio Lower Upper
117 100
119 5.2 76.6 114.8#
121 0.0 23.8 35.6#

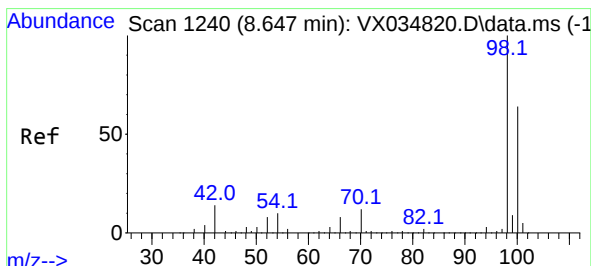
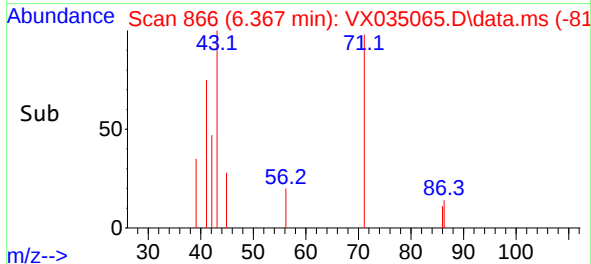
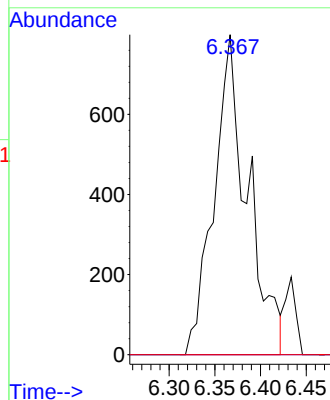
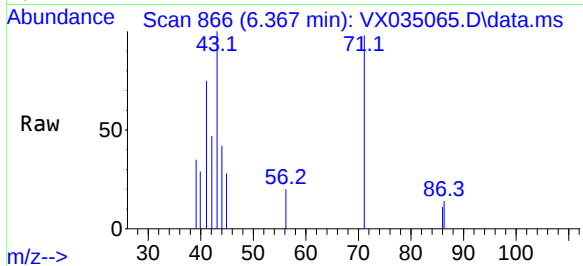




#43
Isopropyl Acetate
Concen: 0.264 ug/l
RT: 6.367 min Scan# 80
Delta R.T. 0.030 min
Lab File: VX035065.D
Acq: 13 Apr 2023 15:37

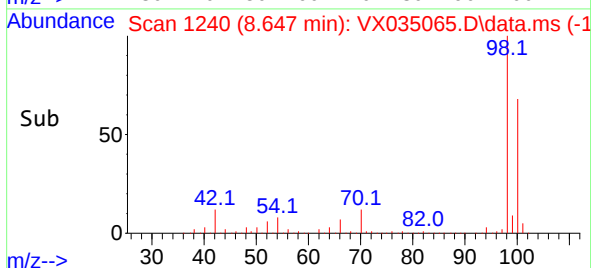
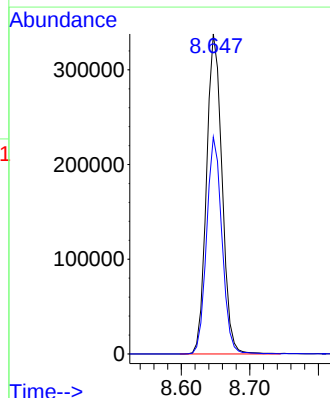
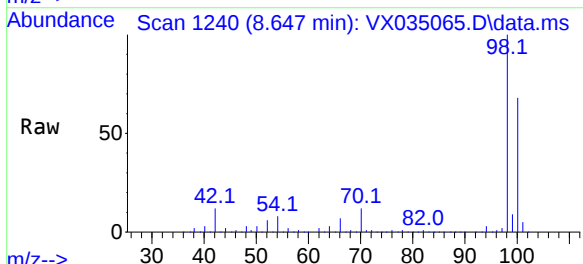
Instrument :
MSVOA_X
ClientSampleId :
SP-1C

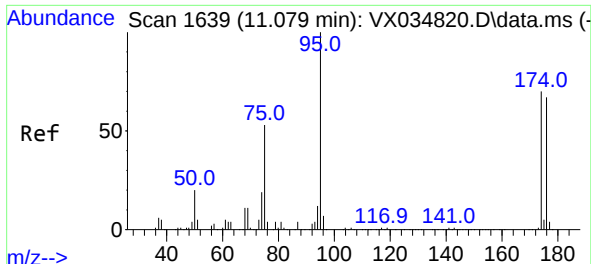
Tgt Ion: 43 Resp: 2036
Ion Ratio Lower Upper
43 100
61 0.0 15.2 22.8#
87 0.0 9.8 14.8#



#50
Toluene-d8
Concen: 48.544 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035065.D
Acq: 13 Apr 2023 15:37

Tgt Ion: 98 Resp: 533666
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7

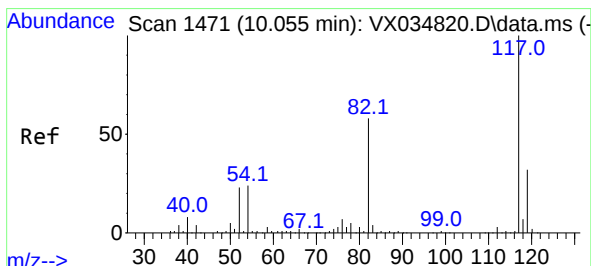
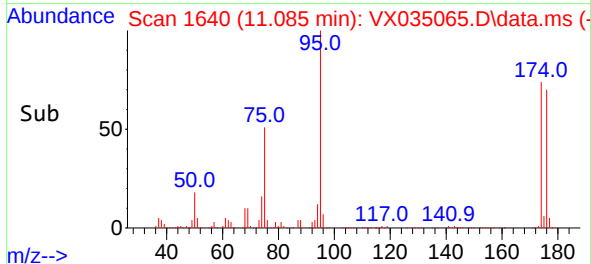
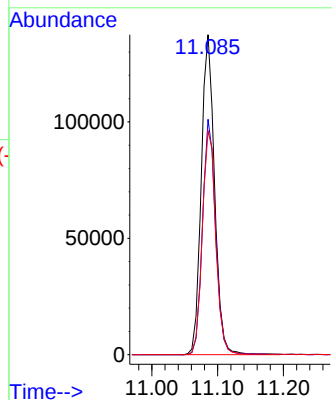
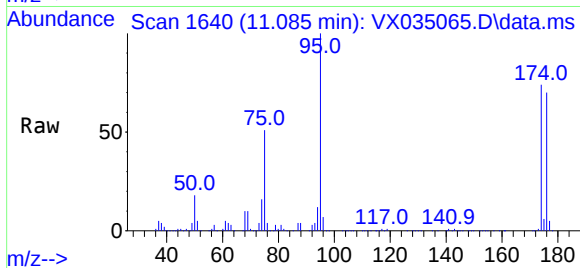




#62
4-Bromofluorobenzene
Concen: 45.427 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX035065.D
Acq: 13 Apr 2023 15:37

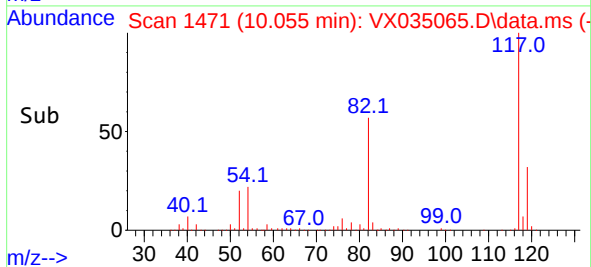
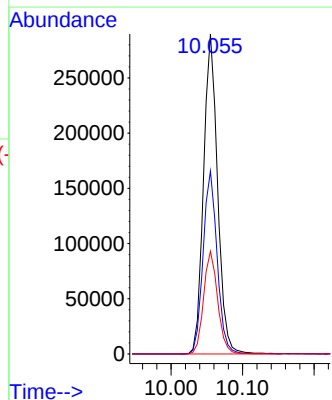
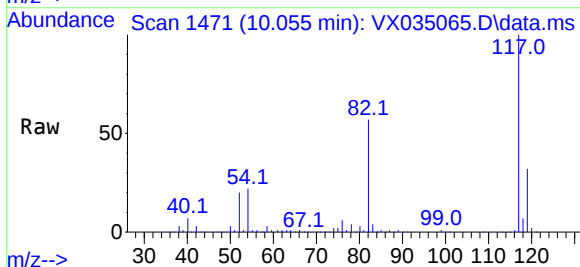
Instrument :
MSVOA_X
ClientSampleId :
SP-1C

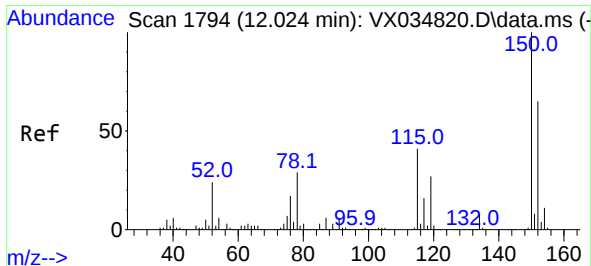
Tgt Ion: 95 Resp: 193253
Ion Ratio Lower Upper
95 100
174 72.5 0.0 147.4
176 70.7 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035065.D
Acq: 13 Apr 2023 15:37

Tgt Ion: 117 Resp: 395795
Ion Ratio Lower Upper
117 100
82 57.2 45.0 67.4
119 32.1 26.0 39.0

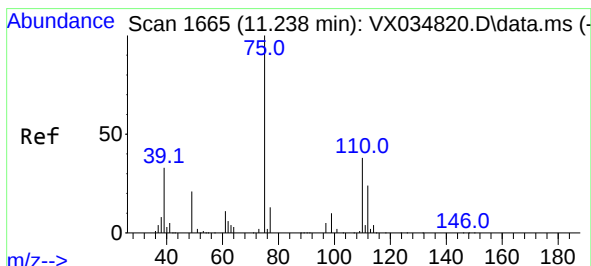
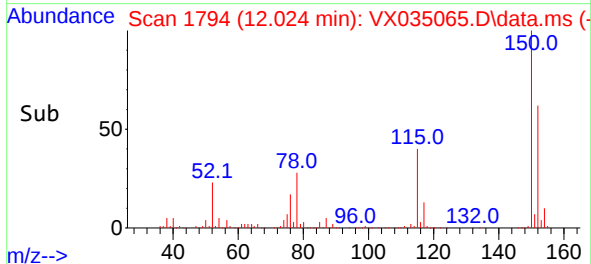
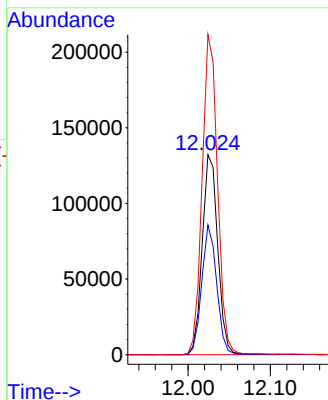
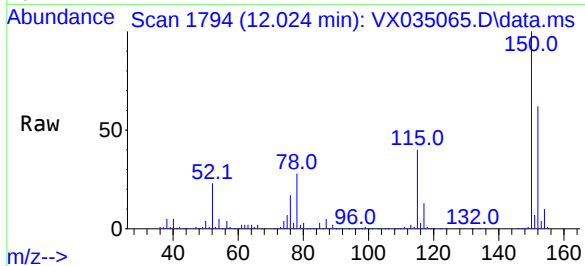




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035065.D
Acq: 13 Apr 2023 15:37

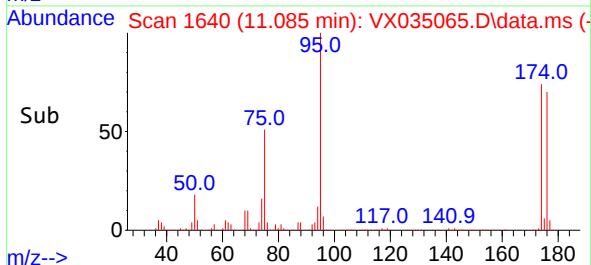
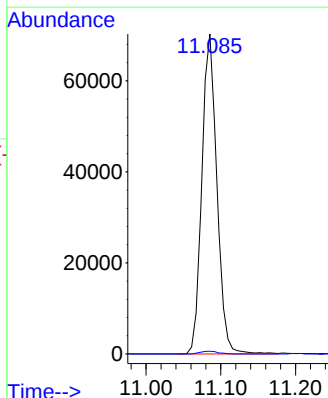
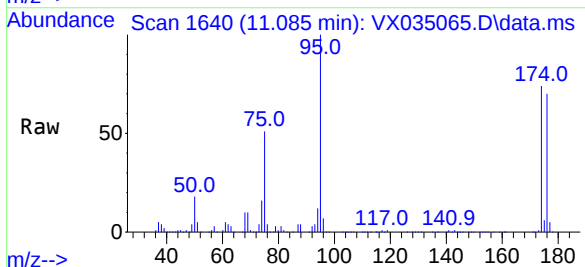
Instrument :
MSVOA_X
ClientSampleId :
SP-1C

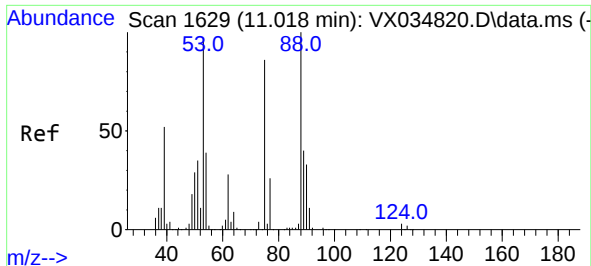
Tgt Ion:152 Resp: 173983
Ion Ratio Lower Upper
152 100
115 62.4 45.0 135.0
150 158.6 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 28.040 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.153 min
Lab File: VX035065.D
Acq: 13 Apr 2023 15:37

Tgt Ion: 75 Resp: 98297
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.033 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX035065.D
 Acq: 13 Apr 2023 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-1C

Tgt Ion: 75 Resp: 98297
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

