

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013123\
 Data File : VX033965.D
 Acq On : 31 Jan 2023 12:45
 Operator : JC/MD
 Sample : 01329-17RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-9-BORING-2-28-3

Quant Time: Feb 01 02:09:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

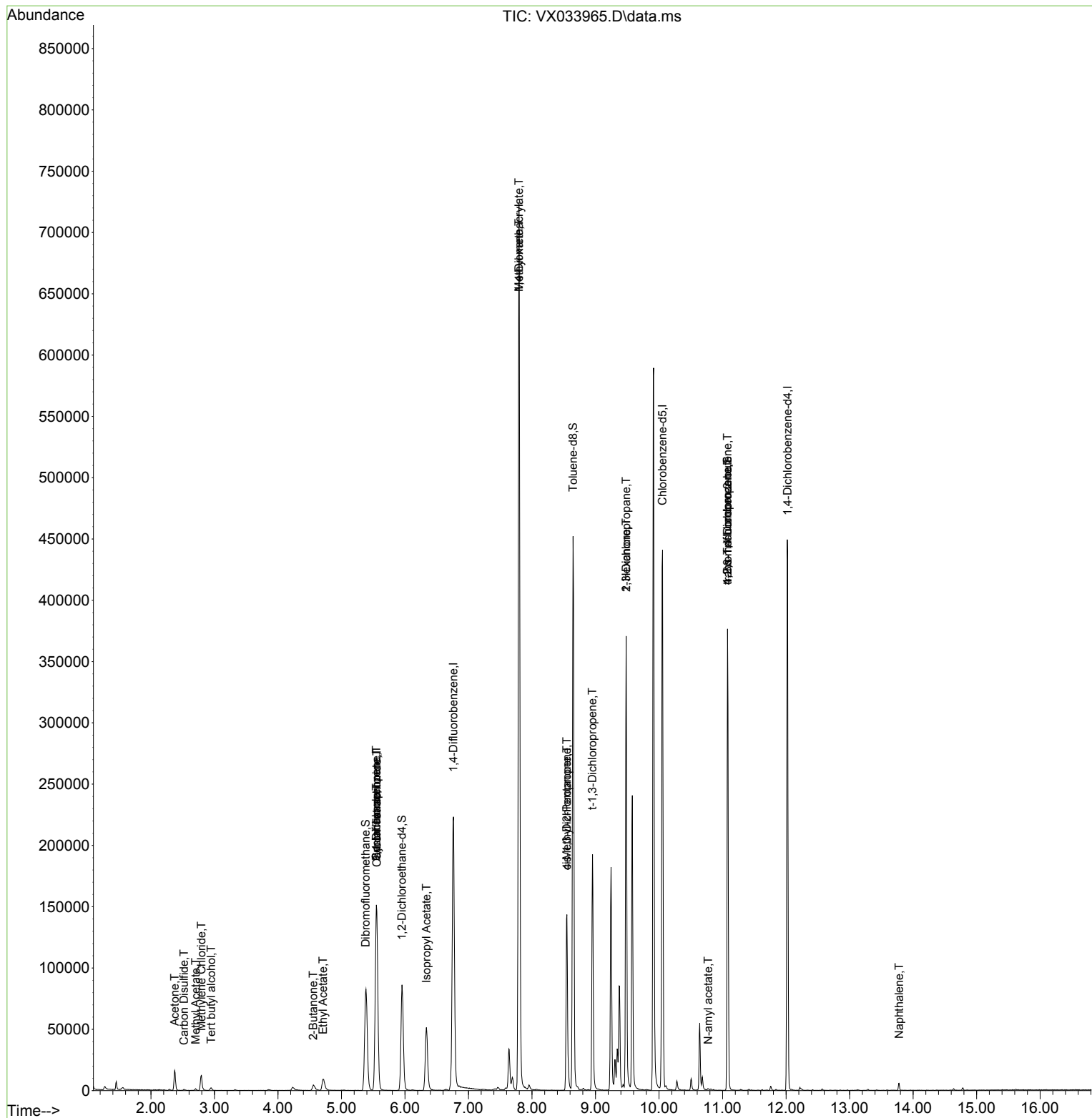
Internal Standards						
1) Pentafluorobenzene	5.550	168	167829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	242942	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81119	45.906	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.820%		
35) Dibromofluoromethane	5.379	113	74674	49.501	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.000%		
50) Toluene-d8	8.647	98	276115	50.235	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.480%		
62) 4-Bromofluorobenzene	11.079	95	97840	47.944	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.880%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.947	59	1914	6.235	ug/l #	86
16) Acetone	2.373	43	17457	15.567	ug/l	91
17) Carbon Disulfide	2.520	76	273	1.898	ug/l #	76
18) Methyl Acetate	2.703	43	1585	0.643	ug/l	95
20) Methylene Chloride	2.794	84	6339	1.706	ug/l	90
25) 2-Butanone	4.556	43	7543	6.533	ug/l #	84
31) Cyclohexane	5.550	56	2405	0.925	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9775	4.440	ug/l #	49
37) Ethyl Acetate	4.708	43	17791	5.951	ug/l	98
38) Carbon Tetrachloride	5.556	117	13655	5.988	ug/l #	15
43) Isopropyl Acetate	6.336	43	71824	20.665	ug/l	98
48) Methyl methacrylate	7.793	41	60216	34.393	ug/l #	44
49) 1,4-Dioxane	7.793	88	100	2.582	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	51085	23.932	ug/l #	52
53) t-1,3-Dichloropropene	8.952	75	436	0.201	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	25591	10.554	ug/l #	57
57) 1,3-Dichloropropane	9.482	76	3427	1.288	ug/l #	43
59) 2-Hexanone	9.482	43	43392	29.206	ug/l #	52
73) Isopropylbenzene	10.963	105	76	Below Cal	#	48
74) N-amyl acetate	10.774	43	672	0.239	ug/l #	42
76) 1,2,3-Trichloropropane	11.079	75	45090	22.924	ug/l #	34
79) 2-Chlorotoluene	11.311	91	152	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	45090	71.244	ug/l #	8
82) 4-Chlorotoluene	11.457	91	69	Below Cal	#	43
95) Naphthalene	13.780	128	4446	0.657	ug/l	99

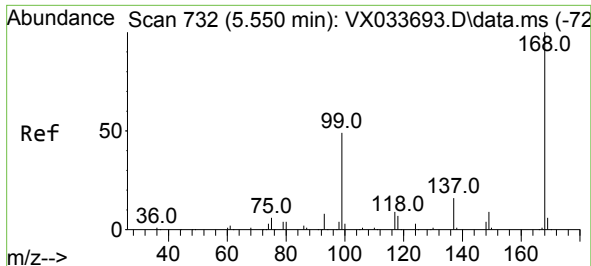
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013123\
Data File : VX033965.D
Acq On : 31 Jan 2023 12:45
Operator : JC/MD
Sample : 01329-17RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
COMP-9-BORING-2-28-3

Quant Time: Feb 01 02:09:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration

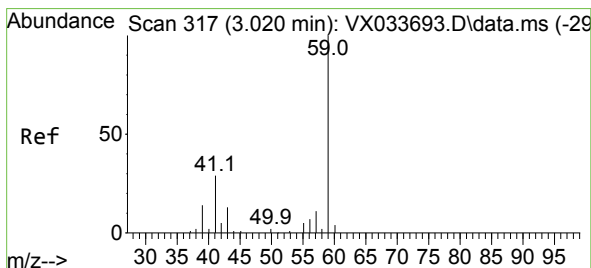
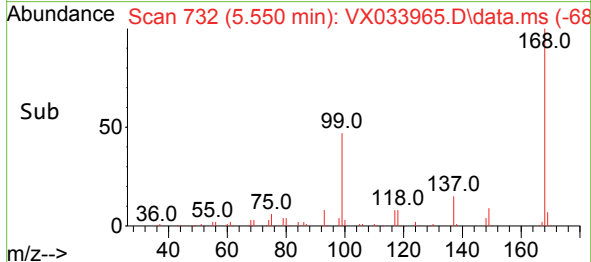
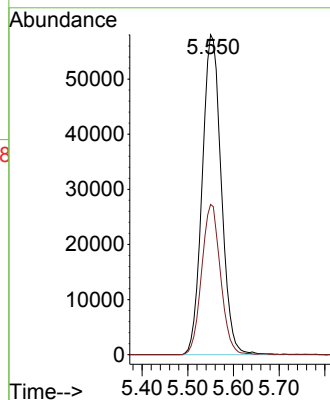
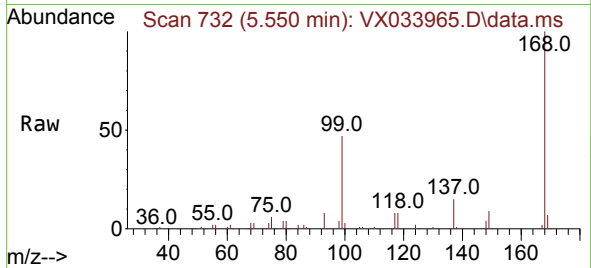




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033965.D
Acq: 31 Jan 2023 12:45

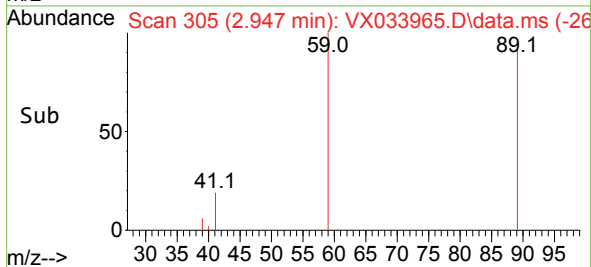
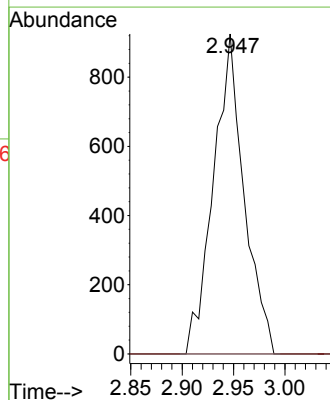
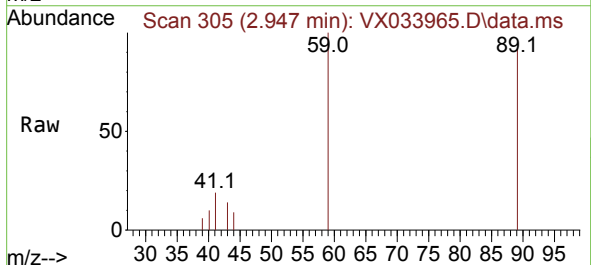
Instrument :
MSVOA_X
ClientSampleId :
COMP-9-BORING-2-28-3

Tgt Ion:168 Resp: 167829
Ion Ratio Lower Upper
168 100
99 47.0 39.6 59.4



#11
Tert butyl alcohol
Concen: 6.235 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.073 min
Lab File: VX033965.D
Acq: 31 Jan 2023 12:45

Tgt Ion: 59 Resp: 1914
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

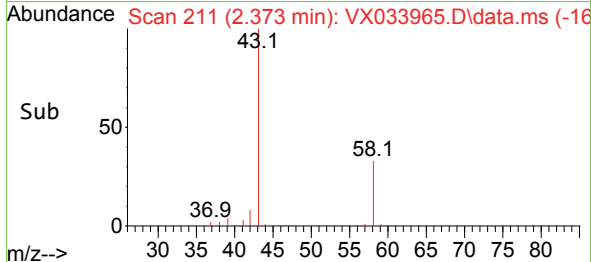
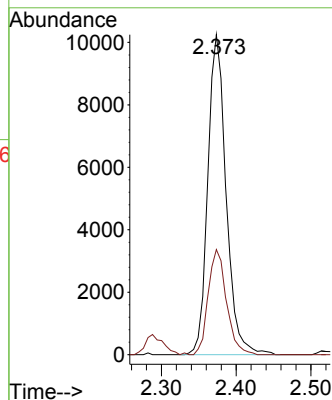
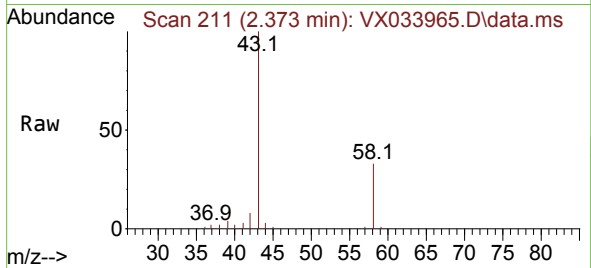




#16
Acetone
Concen: 15.567 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.025 min
Lab File: VX033965.D
Acq: 31 Jan 2023 12:45

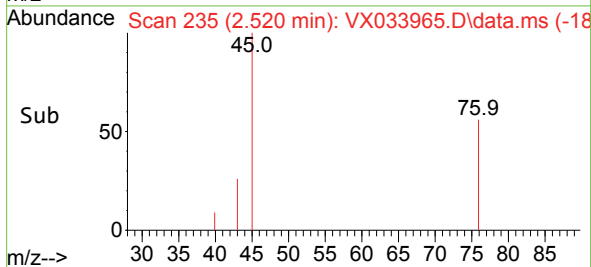
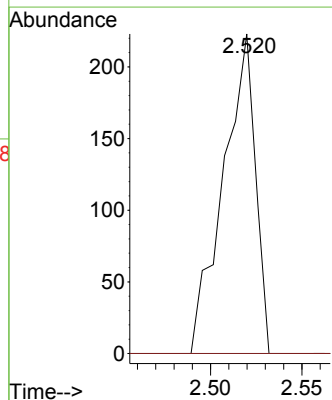
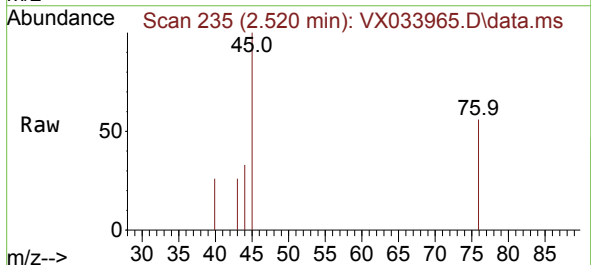
Instrument :
MSVOA_X
ClientSampleId :
COMP-9-BORING-2-28-3

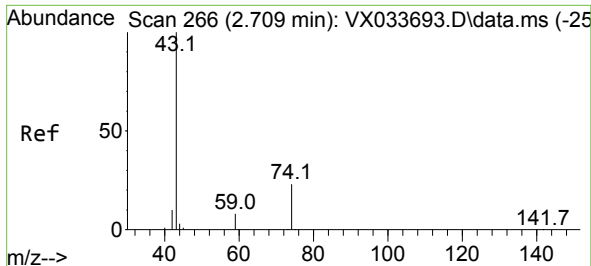
Tgt Ion: 43 Resp: 17457
Ion Ratio Lower Upper
43 100
58 32.8 22.6 33.8



#17
Carbon Disulfide
Concen: 1.898 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX033965.D
Acq: 31 Jan 2023 12:45

Tgt Ion: 76 Resp: 273
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

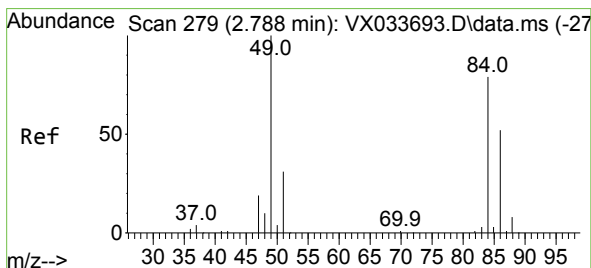
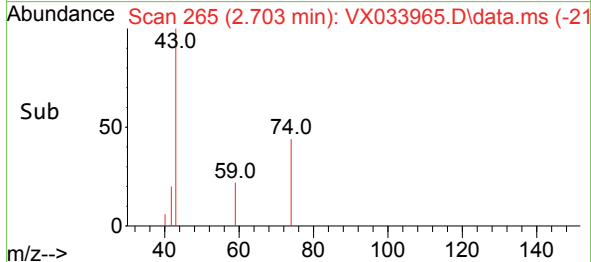
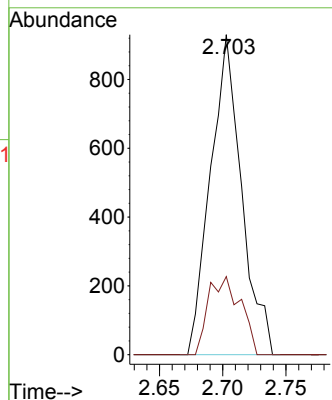
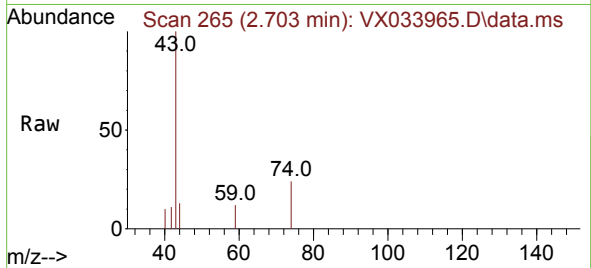




#18
Methyl Acetate
Concen: 0.643 ug/l
RT: 2.703 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX033965.D
Acq: 31 Jan 2023 12:45

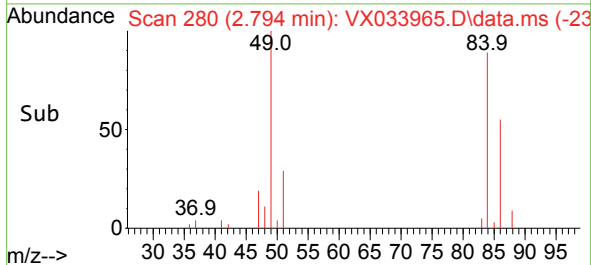
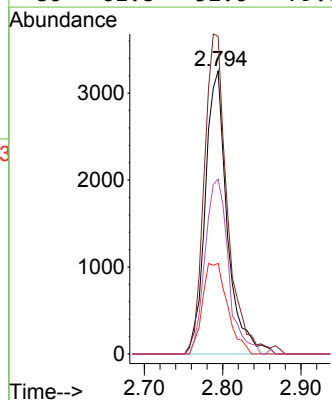
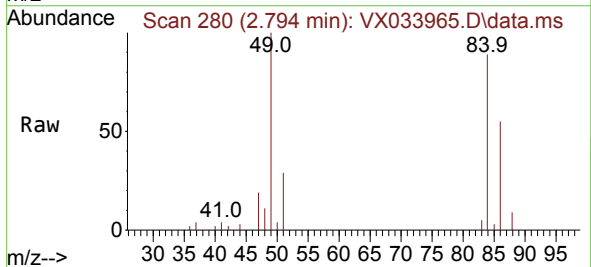
Instrument :
MSVOA_X
ClientSampleId :
COMP-9-BORING-2-28-3

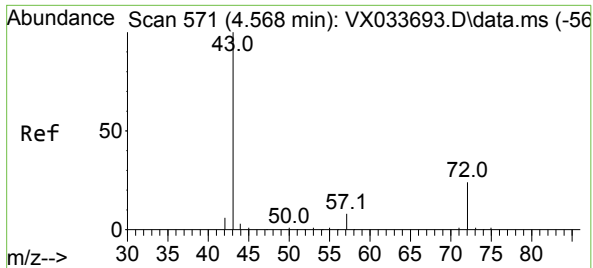
Tgt Ion: 43 Resp: 1585
Ion Ratio Lower Upper
43 100
74 25.2 18.2 27.4



#20
Methylene Chloride
Concen: 1.706 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX033965.D
Acq: 31 Jan 2023 12:45

Tgt Ion: 84 Resp: 6339
Ion Ratio Lower Upper
84 100
49 112.2 101.1 151.7
51 32.0 31.0 46.6
86 61.8 52.6 79.0

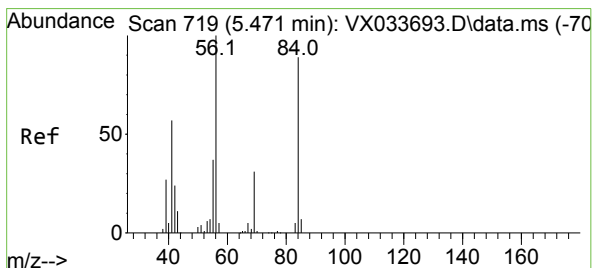
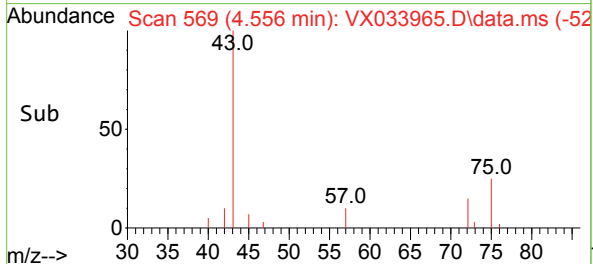
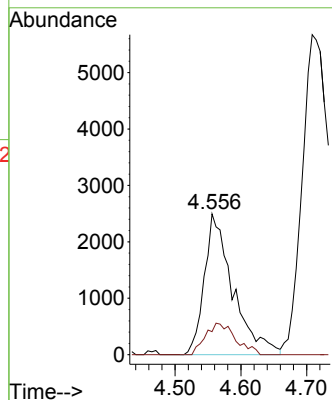
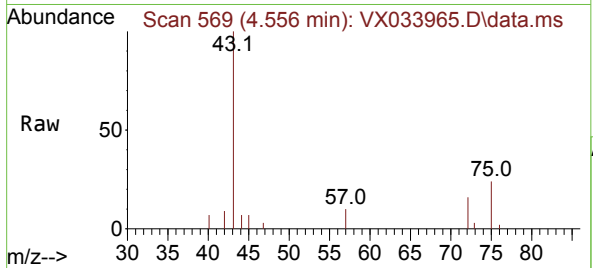




#25
2-Butanone
Concen: 6.533 ug/l
RT: 4.556 min Scan# 51
Delta R.T. -0.012 min
Lab File: VX033965.D
Acq: 31 Jan 2023 12:45

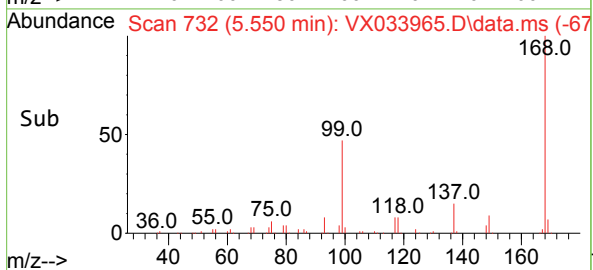
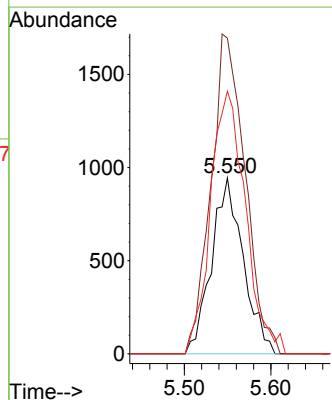
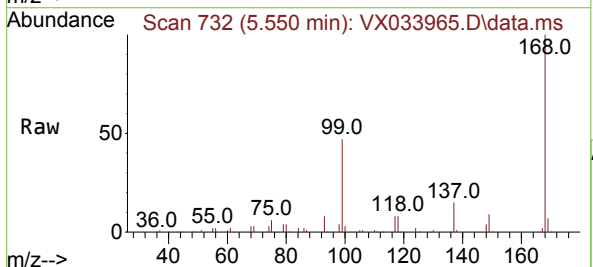
Instrument :
MSVOA_X
ClientSampleId :
COMP-9-BORING-2-28-3

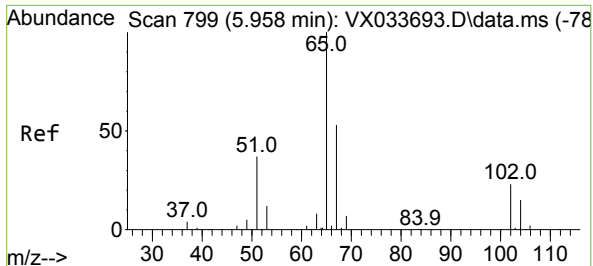
Tgt Ion: 43 Resp: 7543
Ion Ratio Lower Upper
43 100
72 16.4 19.4 29.2#



#31
Cyclohexane
Concen: 0.925 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX033965.D
Acq: 31 Jan 2023 12:45

Tgt Ion: 56 Resp: 2405
Ion Ratio Lower Upper
56 100
69 179.6 24.6 37.0#
84 149.4 71.0 106.6#

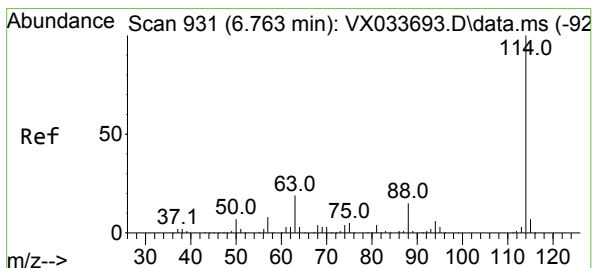
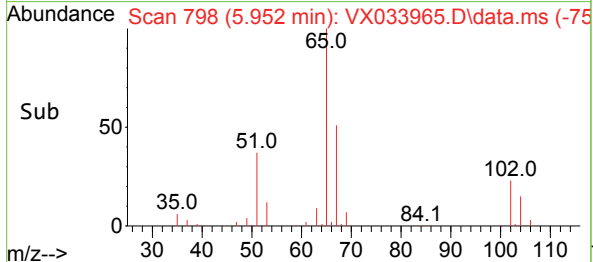
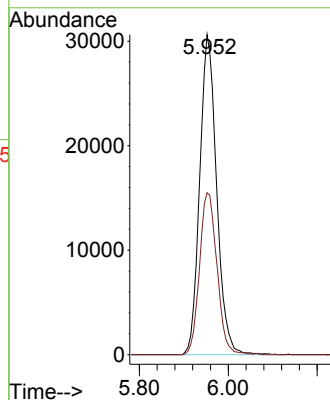
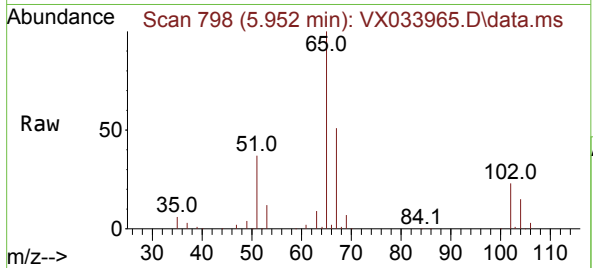




#33
1,2-Dichloroethane-d4
Concen: 45.906 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX033965.D
Acq: 31 Jan 2023 12:45

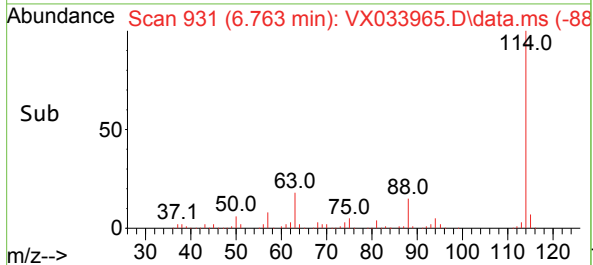
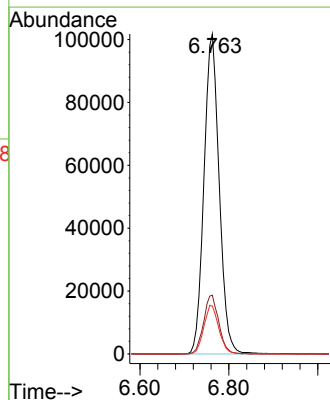
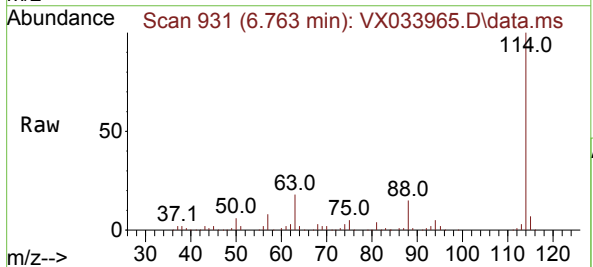
Instrument :
MSVOA_X
ClientSampleId :
COMP-9-BORING-2-28-3

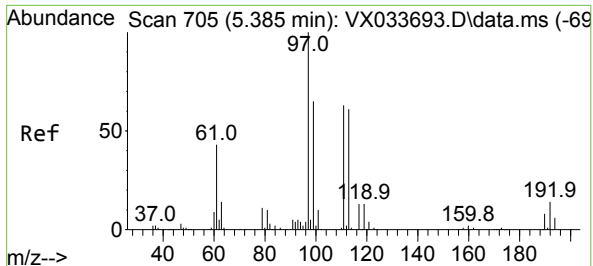
Tgt Ion: 65 Resp: 81119
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX033965.D
Acq: 31 Jan 2023 12:45

Tgt Ion: 114 Resp: 242942
Ion Ratio Lower Upper
114 100
63 18.3 0.0 37.4
88 15.0 0.0 30.6

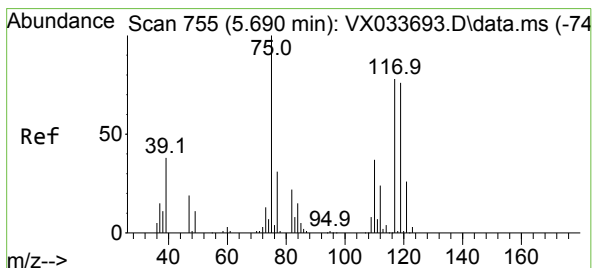
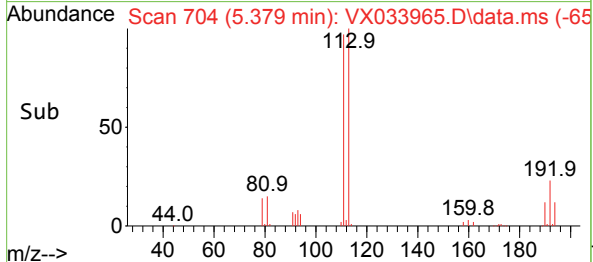
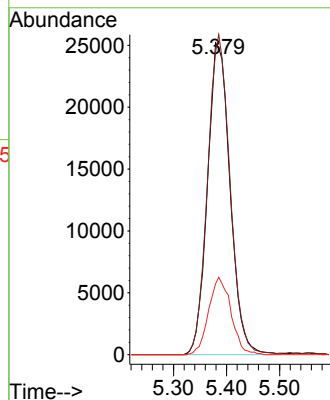
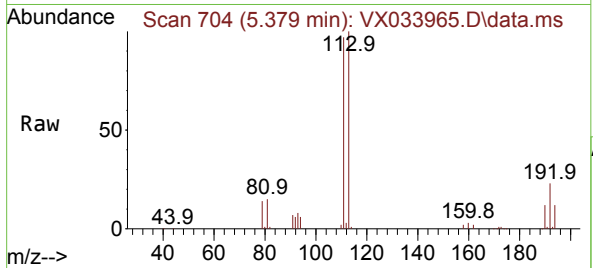




#35
Dibromofluoromethane
Concen: 49.501 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033965.D
Acq: 31 Jan 2023 12:45

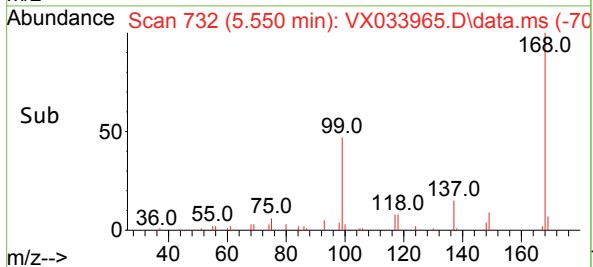
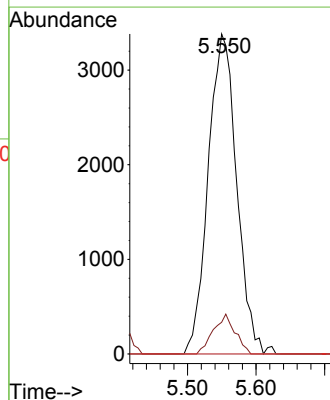
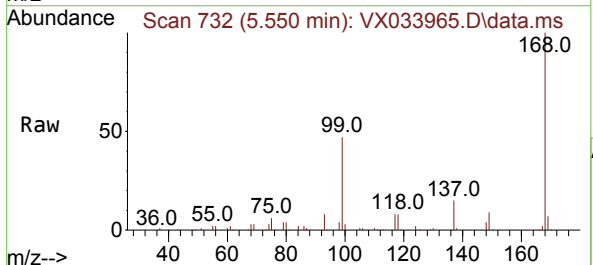
Instrument :
MSVOA_X
ClientSampleId :
COMP-9-BORING-2-28-3

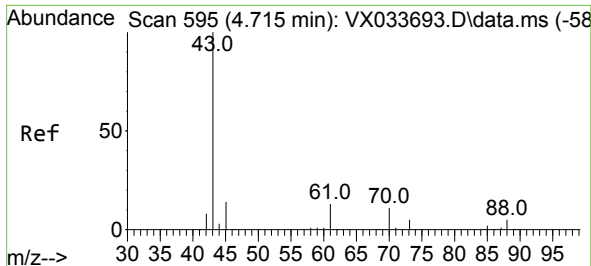
Tgt Ion:113 Resp: 74674
Ion Ratio Lower Upper
113 100
111 101.7 83.0 124.6
192 24.5 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.440 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX033965.D
Acq: 31 Jan 2023 12:45

Tgt Ion: 75 Resp: 9775
Ion Ratio Lower Upper
75 100
110 9.5 18.8 56.4#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 5.951 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.007 min

Lab File: VX033965.D

Acq: 31 Jan 2023 12:45

Instrument :

MSVOA_X

ClientSampleId :

COMP-9-BORING-2-28-3

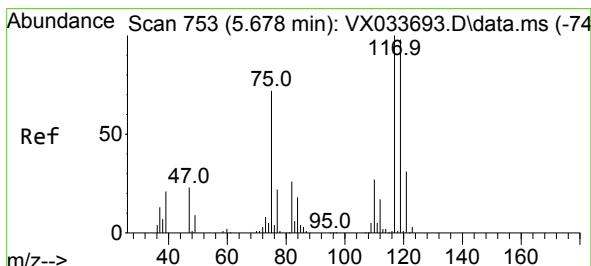
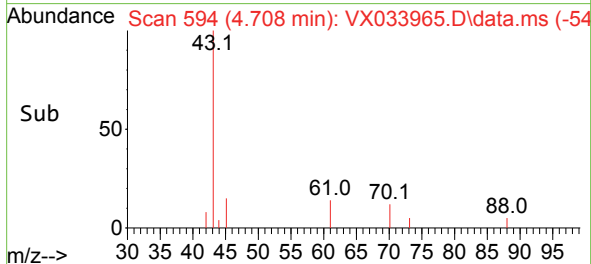
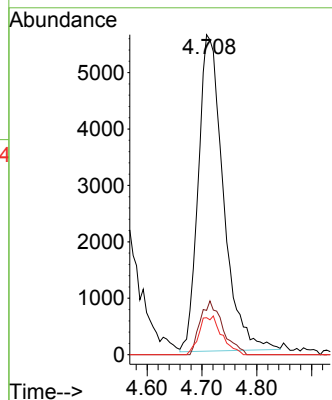
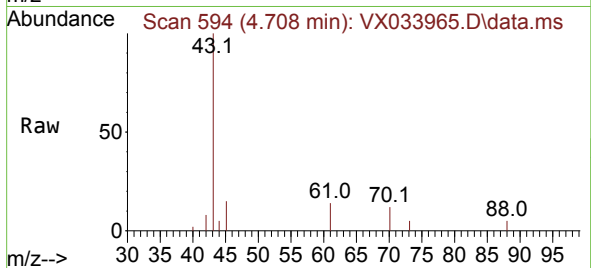
Tgt Ion: 43 Resp: 17791

Ion Ratio Lower Upper

43 100

61 15.3 11.1 16.7

70 11.0 8.5 12.7



#38

Carbon Tetrachloride

Concen: 5.988 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX033965.D

Acq: 31 Jan 2023 12:45

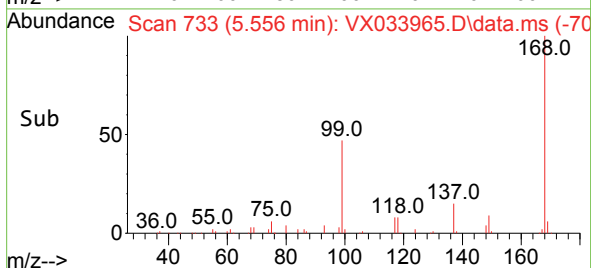
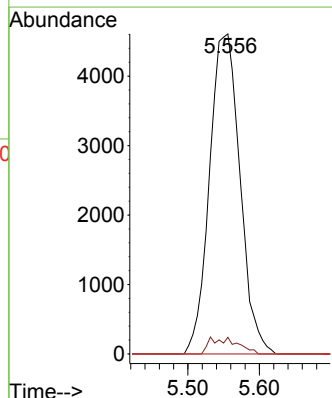
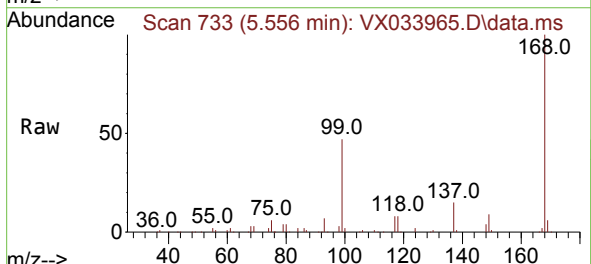
Tgt Ion: 117 Resp: 13655

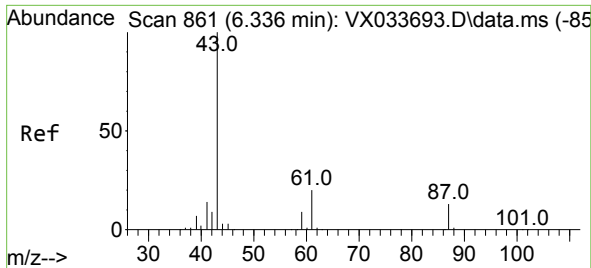
Ion Ratio Lower Upper

117 100

119 5.2 78.0 117.0#

121 0.0 24.4 36.6#

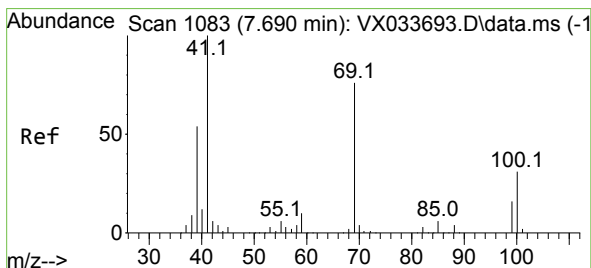
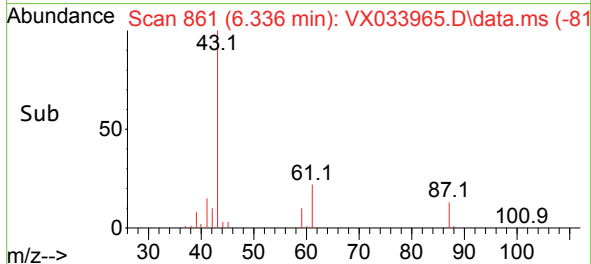
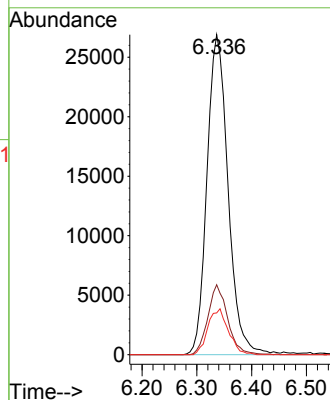
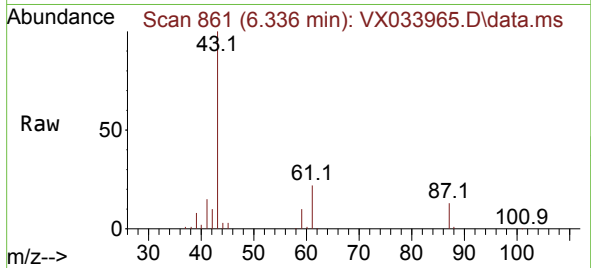




#43
Isopropyl Acetate
Concen: 20.665 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX033965.D
Acq: 31 Jan 2023 12:45

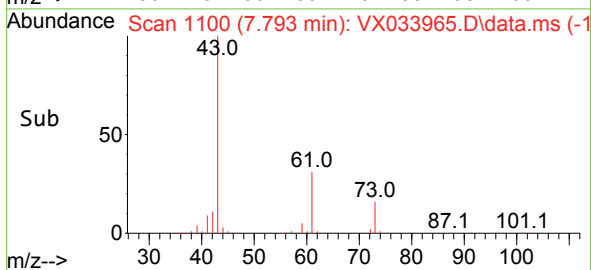
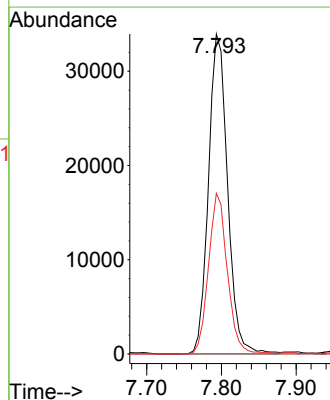
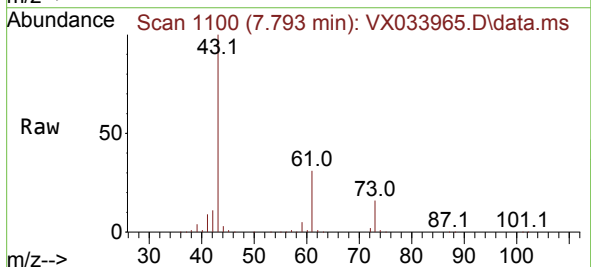
Instrument :
MSVOA_X
ClientSampleId :
COMP-9-BORING-2-28-3

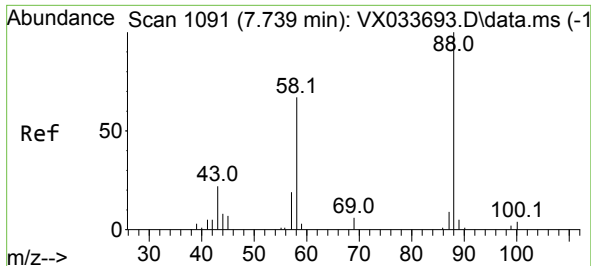
Tgt Ion:	43	Resp:	71824
Ion	Ratio	Lower	Upper
43	100		
61	20.5	15.7	23.5
87	13.9	10.6	15.8



#48
Methyl methacrylate
Concen: 34.393 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.103 min
Lab File: VX033965.D
Acq: 31 Jan 2023 12:45

Tgt Ion:	41	Resp:	60216
Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.1	94.7#
39	49.6	43.2	64.8

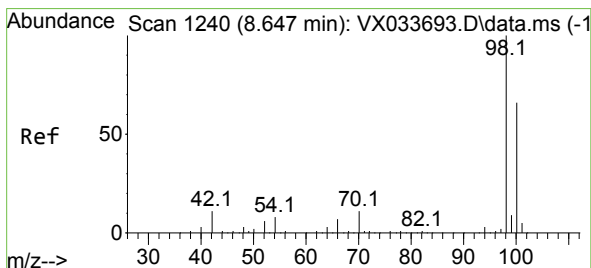
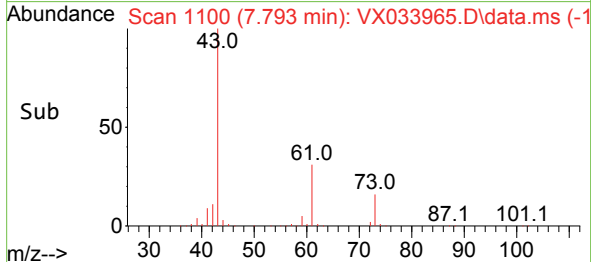
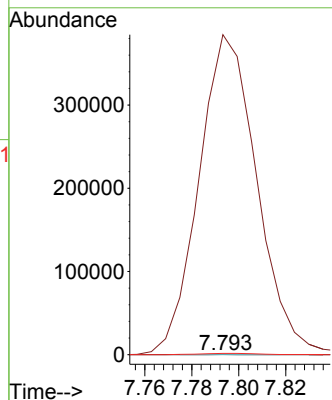
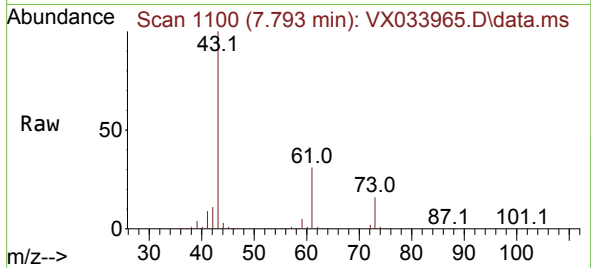




#49
1,4-Dioxane
Concen: 2.582 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.055 min
Lab File: VX033965.D
Acq: 31 Jan 2023 12:45

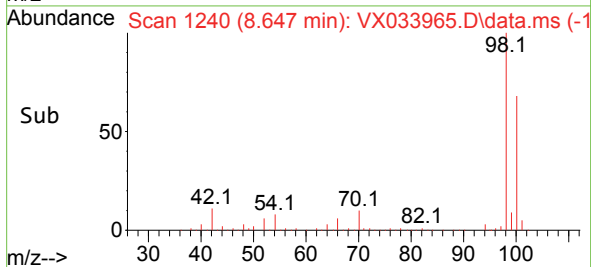
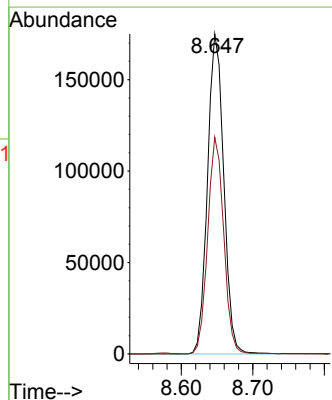
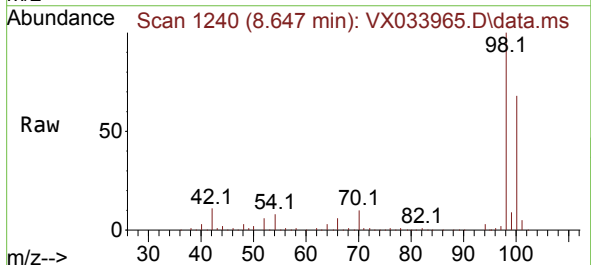
Instrument :
MSVOA_X
ClientSampleId :
COMP-9-BORING-2-28-3

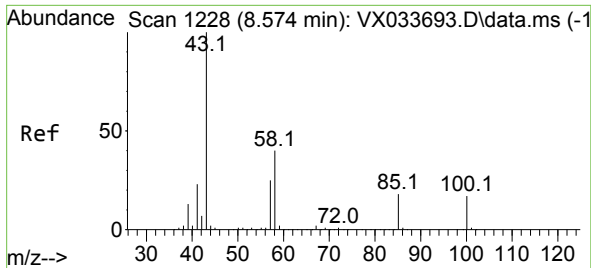
Tgt Ion: 88 Resp: 100
Ion Ratio Lower Upper
88 100
43 669037.0 0.0 0.0#
58 2839.0 56.5 84.7#



#50
Toluene-d8
Concen: 50.235 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033965.D
Acq: 31 Jan 2023 12:45

Tgt Ion: 98 Resp: 276115
Ion Ratio Lower Upper
98 100
100 66.8 53.6 80.4

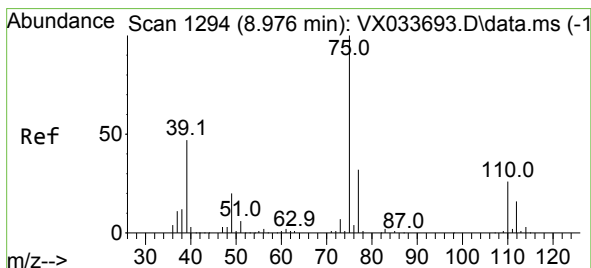
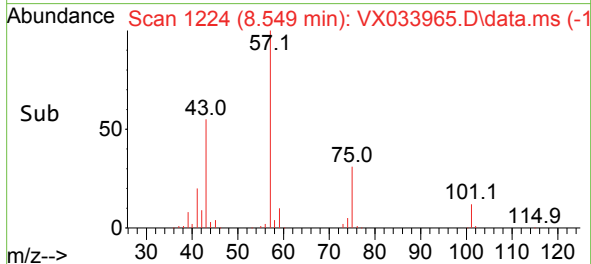
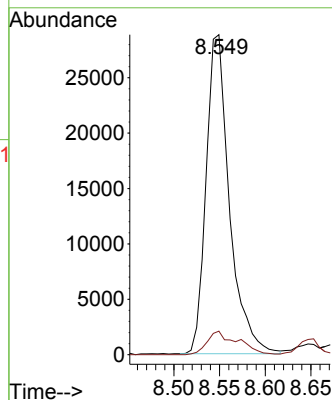
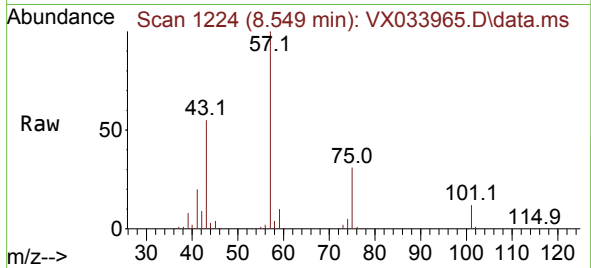




#51
4-Methyl-2-Pentanone
Concen: 23.932 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX033965.D
Acq: 31 Jan 2023 12:45

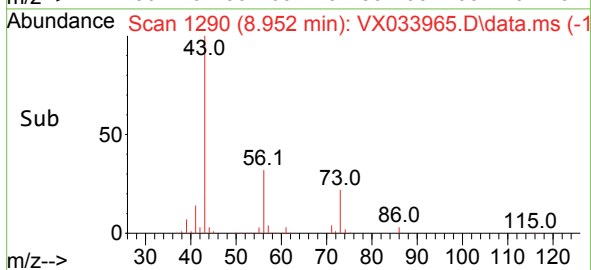
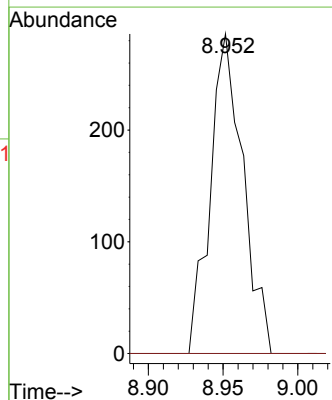
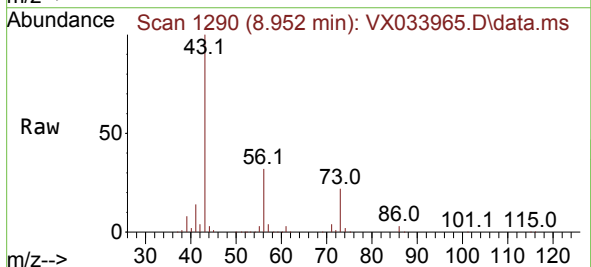
Instrument :
MSVOA_X
ClientSampleId :
COMP-9-BORING-2-28-3

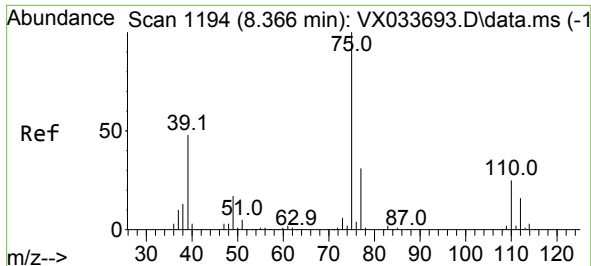
Tgt Ion: 43 Resp: 51085
Ion Ratio Lower Upper
43 100
58 9.7 31.2 46.8#



#53
t-1,3-Dichloropropene
Concen: 0.201 ug/l
RT: 8.952 min Scan# 1290
Delta R.T. -0.025 min
Lab File: VX033965.D
Acq: 31 Jan 2023 12:45

Tgt Ion: 75 Resp: 436
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#

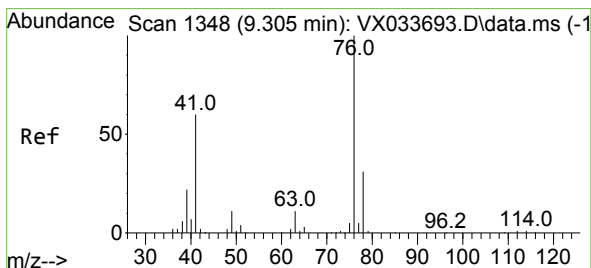
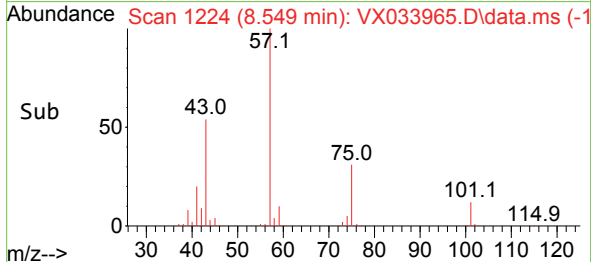
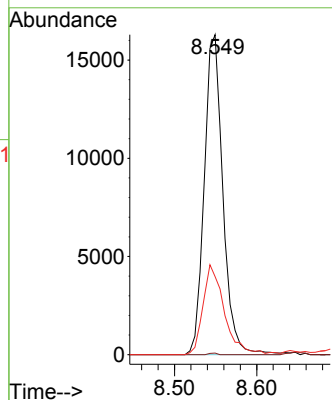
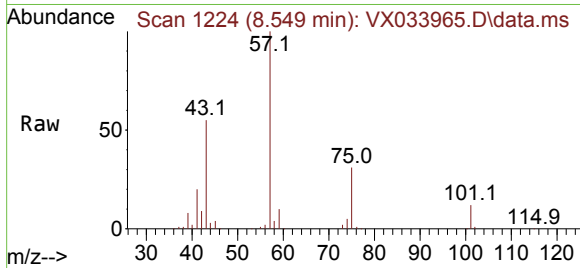




#54
 cis-1,3-Dichloropropene
 Concen: 10.554 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX033965.D
 Acq: 31 Jan 2023 12:45

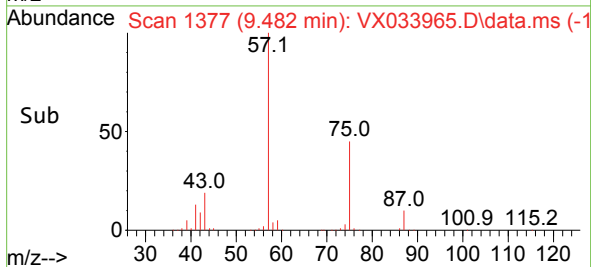
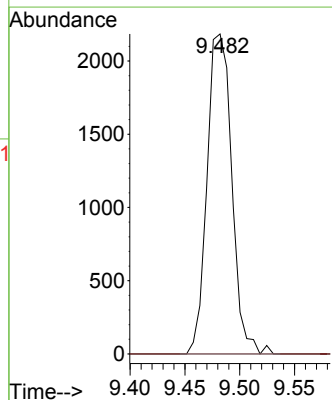
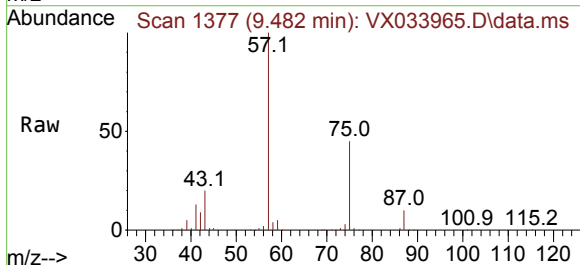
Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-9-BORING-2-28-3

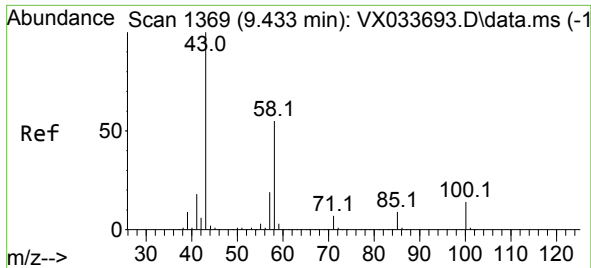
Tgt Ion: 75 Resp: 25591
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.0 37.6#
 39 24.4 38.6 58.0#



#57
 1,3-Dichloropropane
 Concen: 1.288 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX033965.D
 Acq: 31 Jan 2023 12:45

Tgt Ion: 76 Resp: 3427
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#

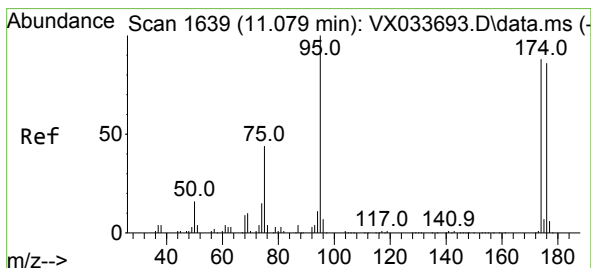
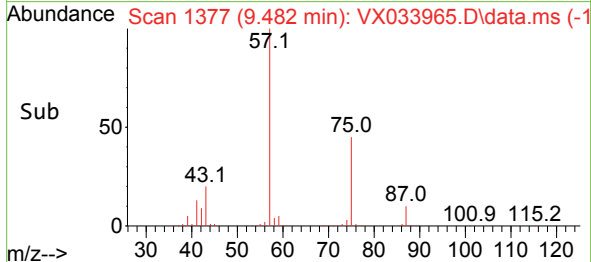
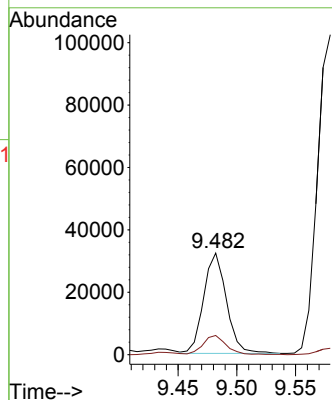
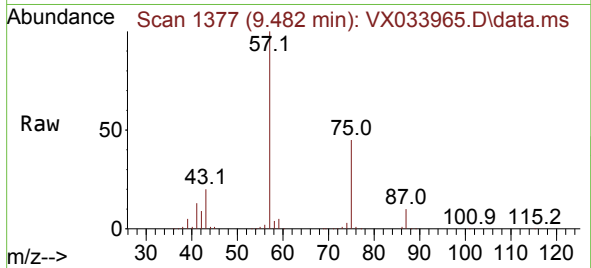




#59
2-Hexanone
Concen: 29.206 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX033965.D
Acq: 31 Jan 2023 12:45

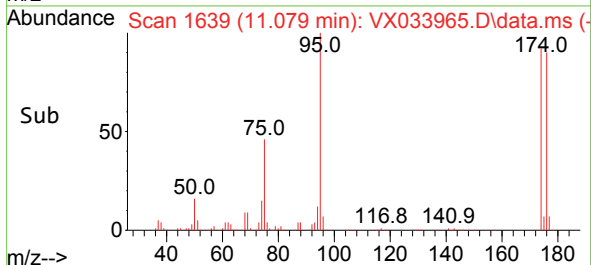
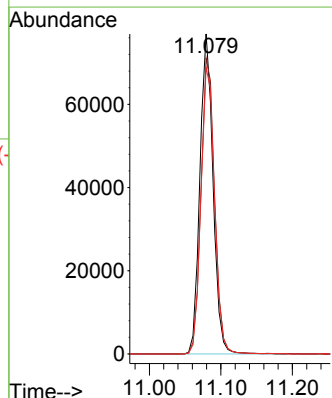
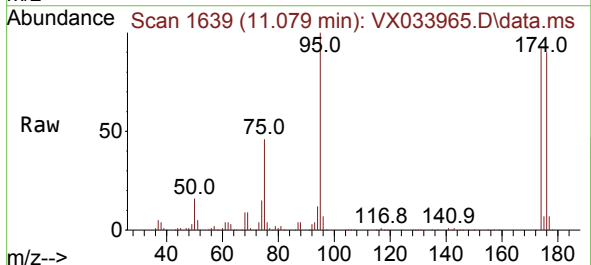
Instrument :
MSVOA_X
ClientSampleId :
COMP-9-BORING-2-28-3

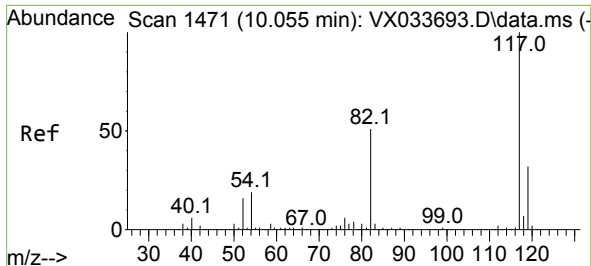
Tgt Ion: 43 Resp: 43392
Ion Ratio Lower Upper
43 100
58 19.8 27.4 82.0#



#62
4-Bromofluorobenzene
Concen: 47.944 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033965.D
Acq: 31 Jan 2023 12:45

Tgt Ion: 95 Resp: 97840
Ion Ratio Lower Upper
95 100
174 95.6 0.0 184.4
176 92.9 0.0 178.8

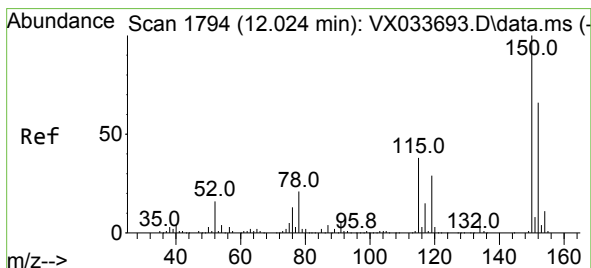
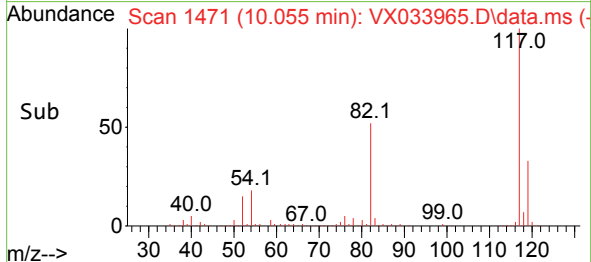
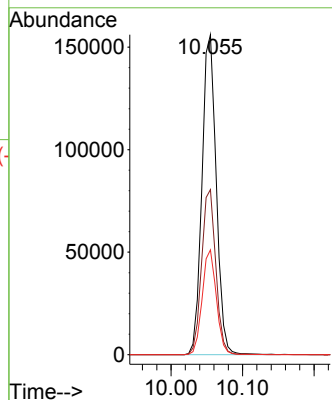
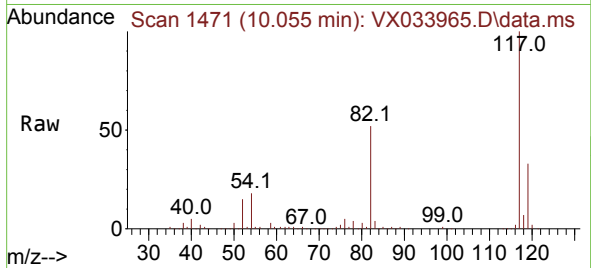




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033965.D
Acq: 31 Jan 2023 12:45

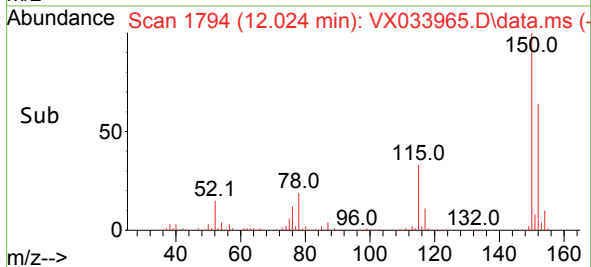
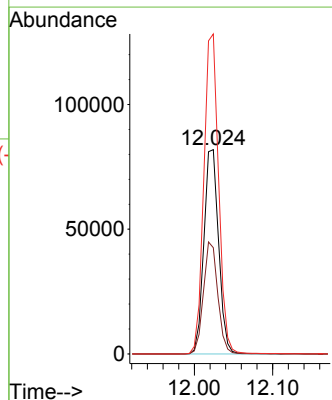
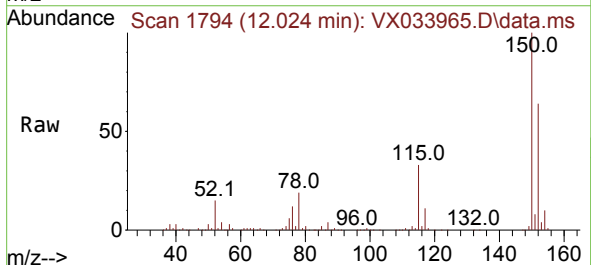
Instrument :
MSVOA_X
ClientSampleId :
COMP-9-BORING-2-28-3

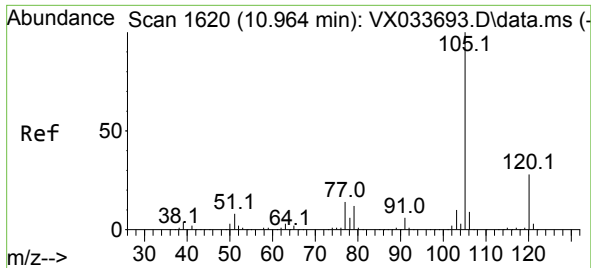
Tgt Ion:117 Resp: 216342
Ion Ratio Lower Upper
117 100
82 51.6 40.6 60.8
119 32.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033965.D
Acq: 31 Jan 2023 12:45

Tgt Ion:152 Resp: 107055
Ion Ratio Lower Upper
152 100
115 53.3 38.7 116.1
150 157.1 0.0 348.2

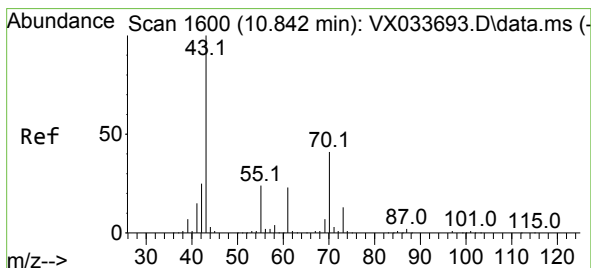
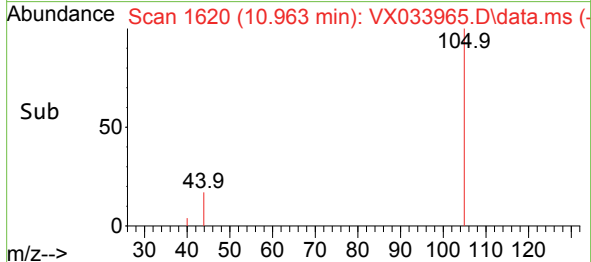
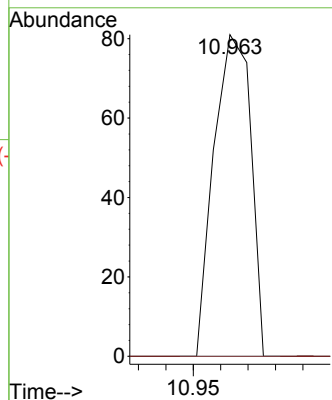
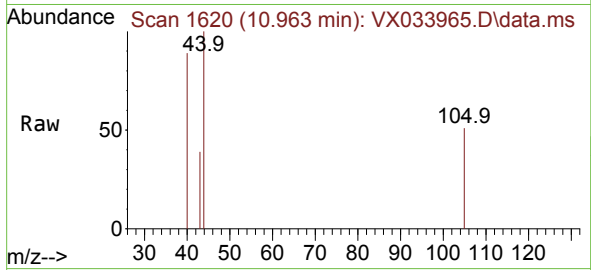




#73
Isopropylbenzene
Concen: Below Cal
RT: 10.963 min Scan# 1588
Delta R.T. -0.001 min
Lab File: VX033965.D
Acq: 31 Jan 2023 12:45

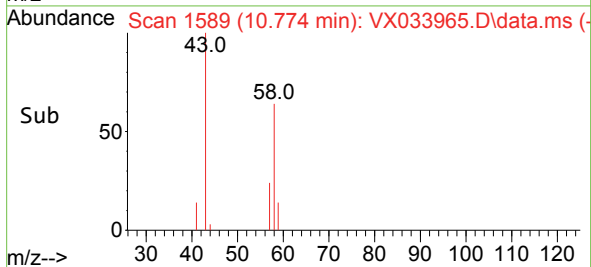
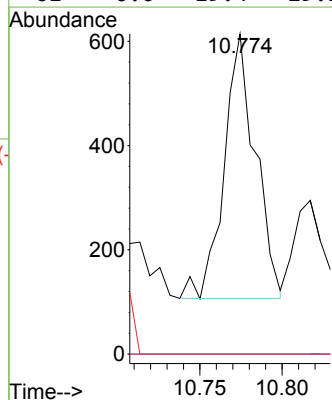
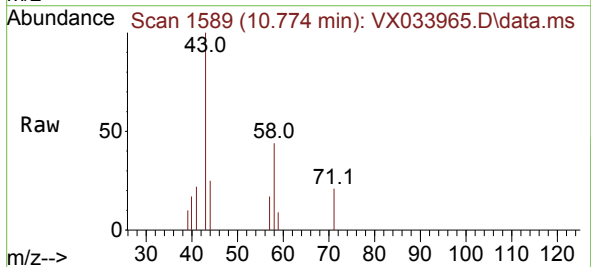
Instrument :
MSVOA_X
ClientSampleId :
COMP-9-BORING-2-28-3

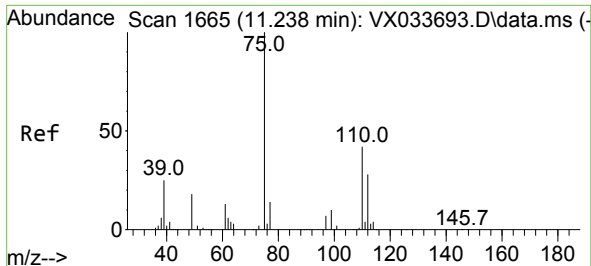
Tgt Ion:105 Resp: 76
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#



#74
N-ethyl acetate
Concen: 0.239 ug/l
RT: 10.774 min Scan# 1589
Delta R.T. -0.067 min
Lab File: VX033965.D
Acq: 31 Jan 2023 12:45

Tgt Ion: 43 Resp: 672
Ion Ratio Lower Upper
43 100
70 0.0 34.8 52.2#
55 0.0 19.4 29.0#
61 0.0 19.4 29.2#

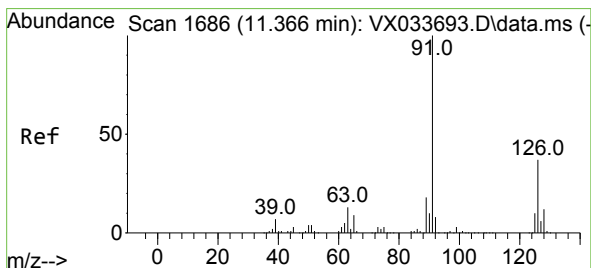
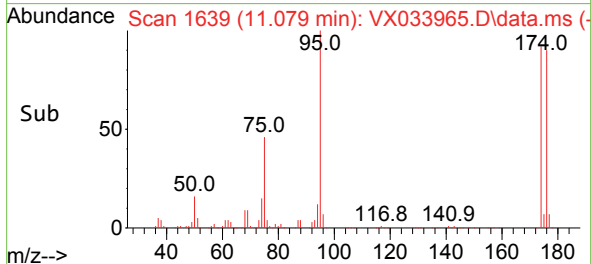
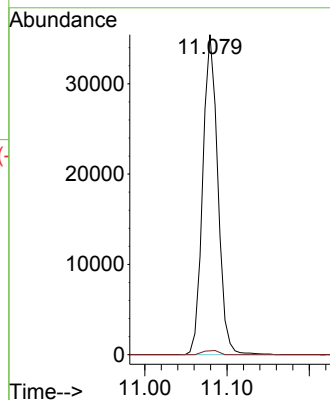
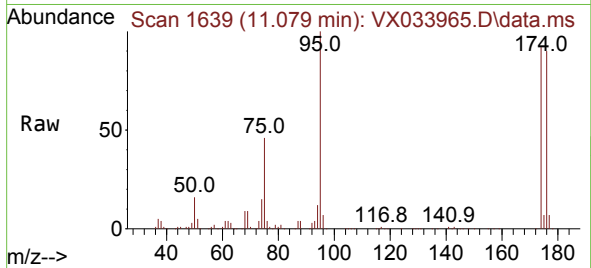




#76
1,2,3-Trichloropropane
Concen: 22.924 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033965.D
Acq: 31 Jan 2023 12:45

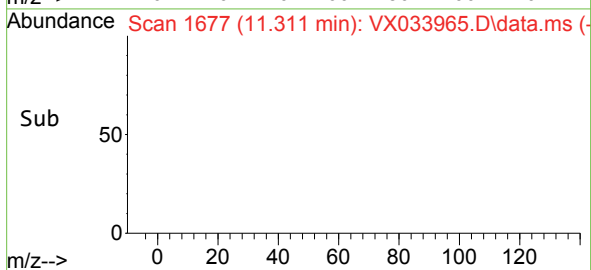
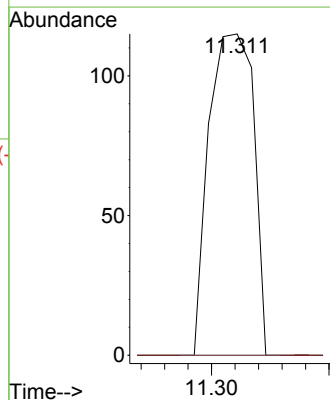
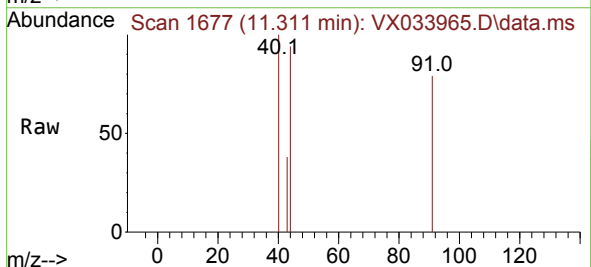
Instrument :
MSVOA_X
ClientSampleId :
COMP-9-BORING-2-28-3

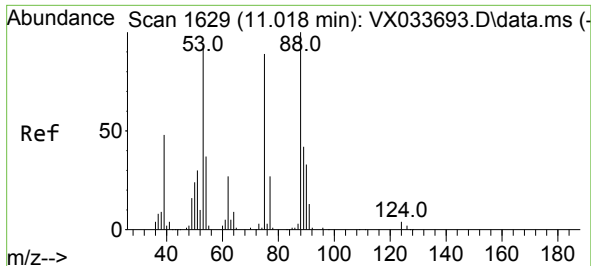
Tgt Ion: 75 Resp: 45090
Ion Ratio Lower Upper
75 100
77 1.4 21.8 65.4#



#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.311 min Scan# 1677
Delta R.T. -0.055 min
Lab File: VX033965.D
Acq: 31 Jan 2023 12:45

Tgt Ion: 91 Resp: 152
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#

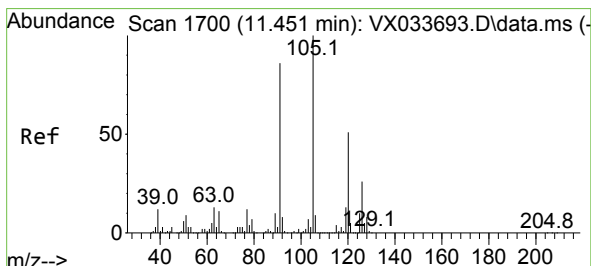
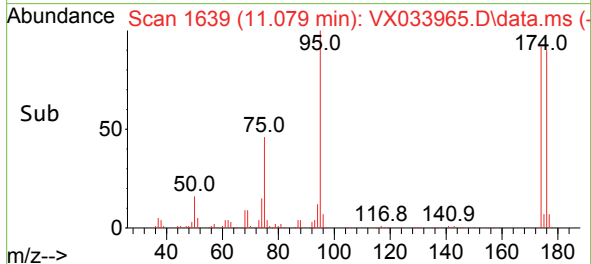
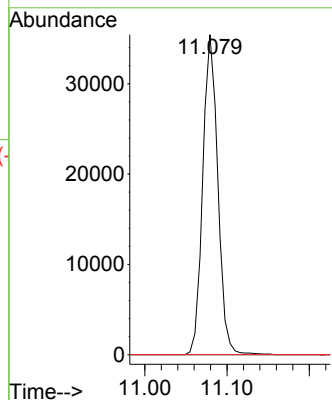
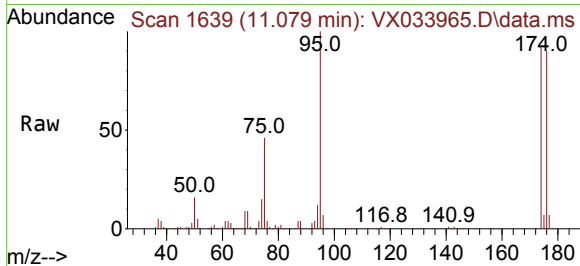




#81
trans-1,4-Dichloro-2-butene
Concen: 71.244 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033965.D
Acq: 31 Jan 2023 12:45

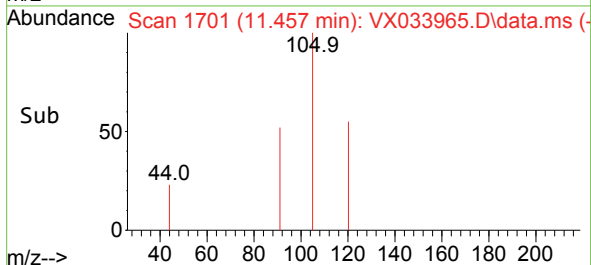
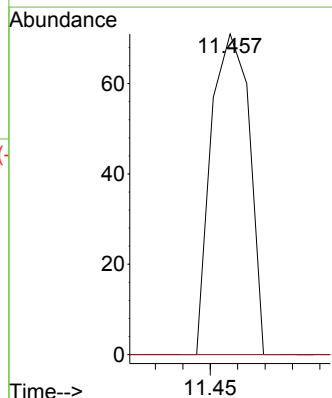
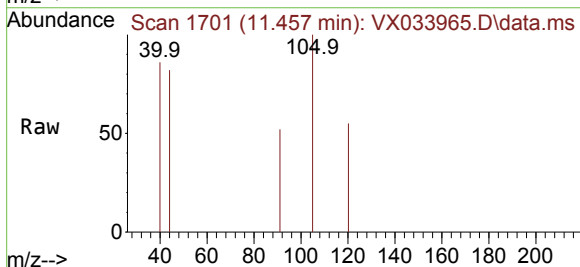
Instrument :
MSVOA_X
ClientSampleId :
COMP-9-BORING-2-28-3

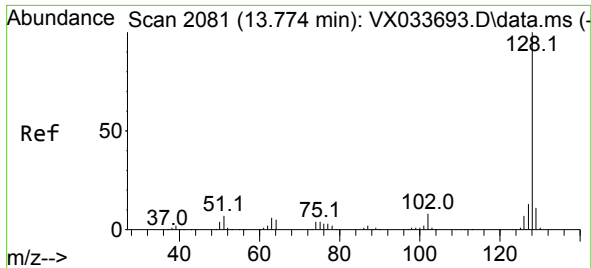
Tgt Ion: 75 Resp: 45090
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



#82
4-Chlorotoluene
Concen: Below Cal
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX033965.D
Acq: 31 Jan 2023 12:45

Tgt Ion: 91 Resp: 69
Ion Ratio Lower Upper
91 100
126 0.0 15.8 47.4#





#95

Naphthalene

Concen: 0.657 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX033965.D

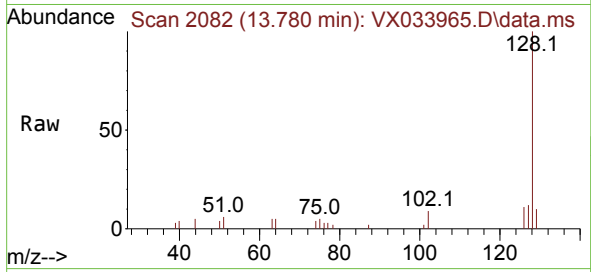
Acq: 31 Jan 2023 12:45

Instrument :

MSVOA_X

ClientSampleId :

COMP-9-BORING-2-28-3



Tgt Ion:128 Resp: 4446

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 10.2 8.7 13.1

