

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011923\
 Data File : VX033802.D
 Acq On : 19 Jan 2023 15:34
 Operator : JC/MD
 Sample : PB150330ZHE#10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 20 05:21:59 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)

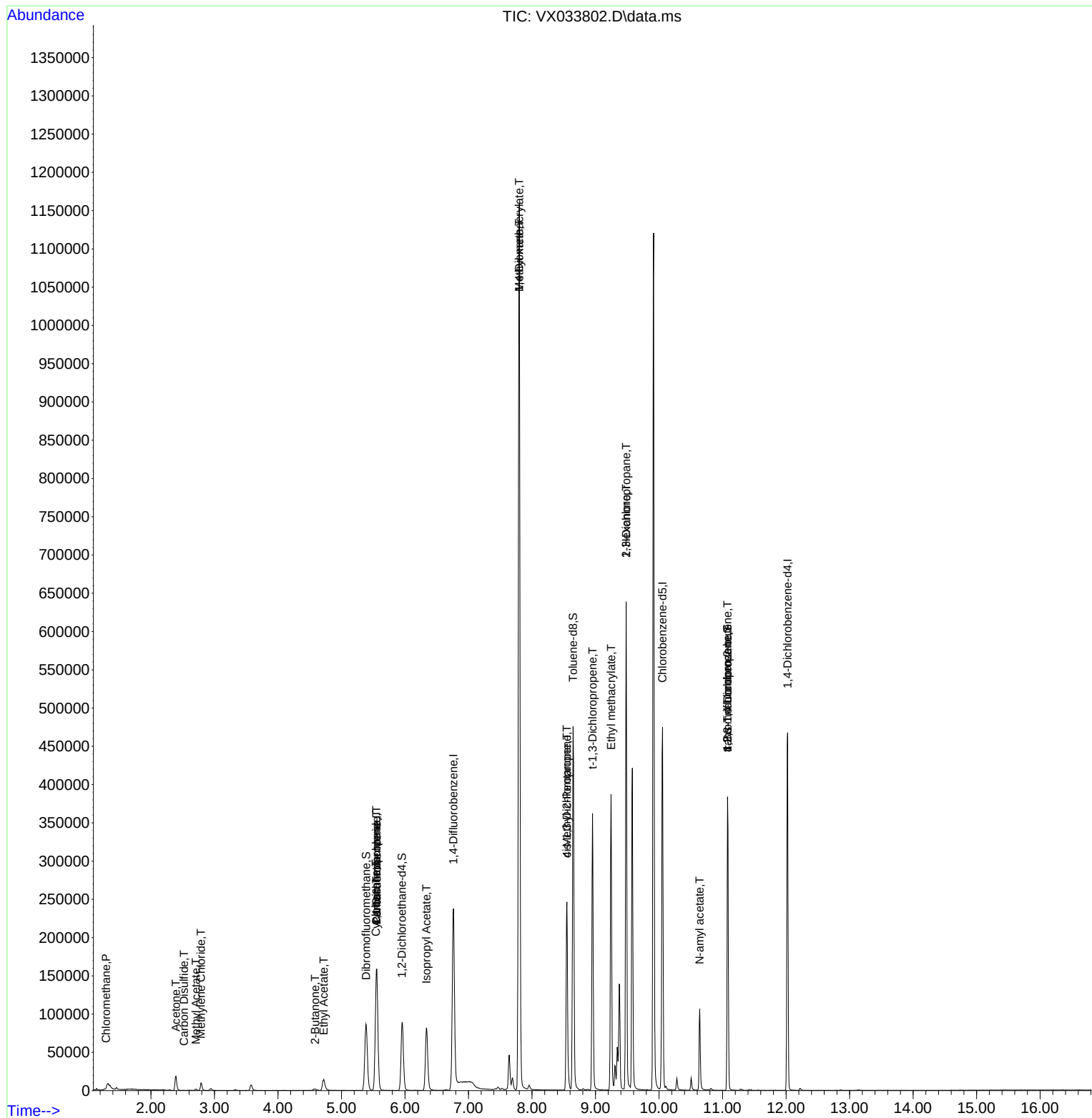
Internal Standards						
1) Pentafluorobenzene	5.556	168	172632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	253115	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84511	46.495	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.980%		
35) Dibromofluoromethane	5.385	113	76257	48.519	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.040%		
50) Toluene-d8	8.647	98	288378	50.358	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.720%		
62) 4-Bromofluorobenzene	11.079	95	101845	47.901	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.800%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	403	0.263	ug/l #	43
16) Acetone	2.392	43	23727	24.758	ug/l	98
17) Carbon Disulfide	2.520	76	156	1.865	ug/l #	76
18) Methyl Acetate	2.709	43	2247	0.886	ug/l	100
20) Methylene Chloride	2.788	84	4563	0.402	ug/l	96
25) 2-Butanone	4.586	43	3441	2.897	ug/l	92
31) Cyclohexane	5.543	56	2544	0.951	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10394	4.531	ug/l #	48
37) Ethyl Acetate	4.720	43	26851	9.980	ug/l	99
38) Carbon Tetrachloride	5.550	117	14976	6.304	ug/l #	15
43) Isopropyl Acetate	6.336	43	114832	31.711	ug/l	99
48) Methyl methacrylate	7.799	41	96636	52.976	ug/l #	44
49) 1,4-Dioxane	7.799	88	138	3.420	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	88368	39.734	ug/l #	51
53) t-1,3-Dichloropropene	8.951	75	792	0.351	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	41781	16.538	ug/l #	59
56) Ethyl methacrylate	9.244	69	707	0.294	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	5535	1.997	ug/l #	43
59) 2-Hexanone	9.482	43	74065	47.848	ug/l #	51
73) Isopropylbenzene	11.085	105	137	Below Cal	#	48
74) N-amyl acetate	10.640	43	28814	9.900	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	47547	23.348	ug/l #	34
79) 2-Chlorotoluene	11.366	91	22	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	47547	72.564	ug/l #	8
82) 4-Chlorotoluene	11.457	91	81	Below Cal	#	43

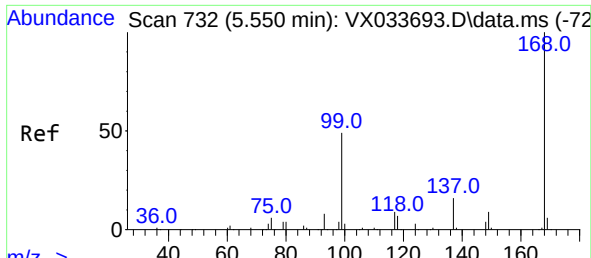
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011923\
Data File : VX033802.D
Acq On : 19 Jan 2023 15:34
Operator : JC/MD
Sample : PB150330ZHE#10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

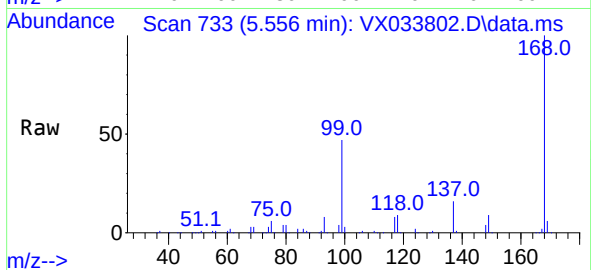
Quant Time: Jan 20 05:21:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration



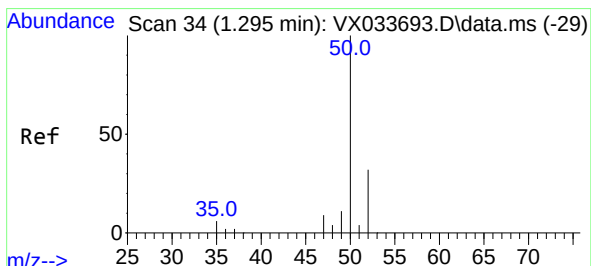
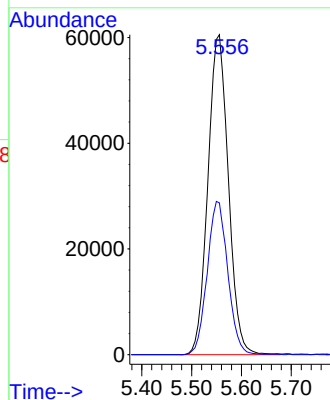
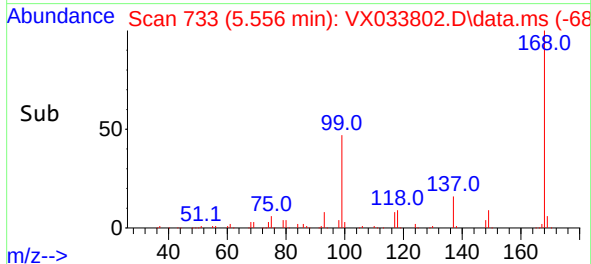


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX033802.D
Acq: 19 Jan 2023 15:34

Instrument :
MSVOA_X
ClientSampleId :

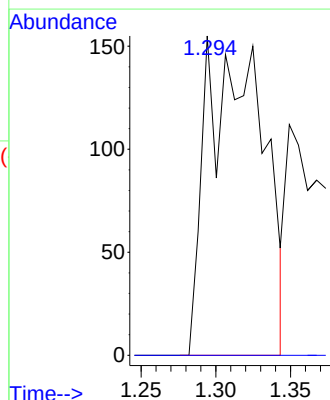
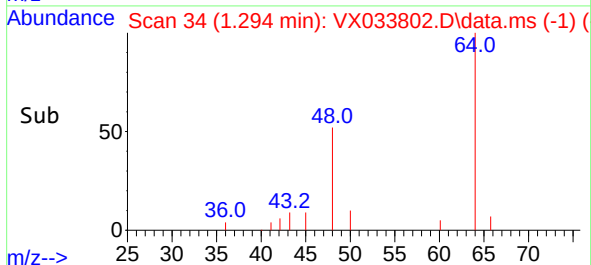
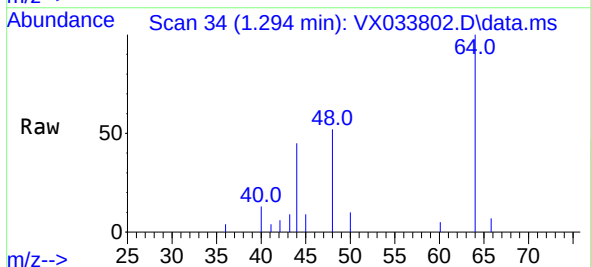


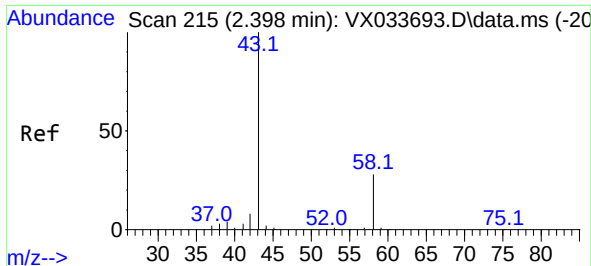
Tgt Ion:168 Resp: 172632
Ion Ratio Lower Upper
168 100
99 47.4 39.6 59.4



#3
Chloromethane
Concen: 0.263 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX033802.D
Acq: 19 Jan 2023 15:34

Tgt Ion: 50 Resp: 403
Ion Ratio Lower Upper
50 100
52 0.0 25.2 37.8#

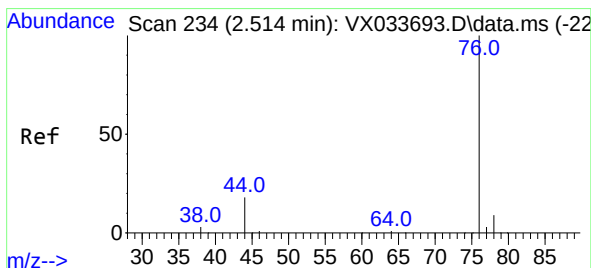
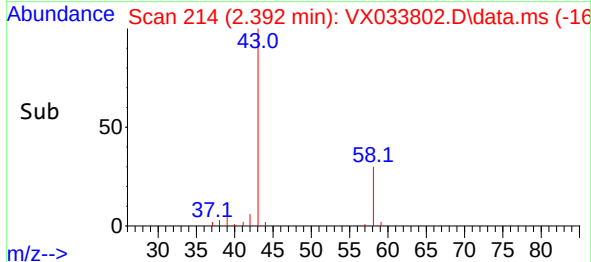
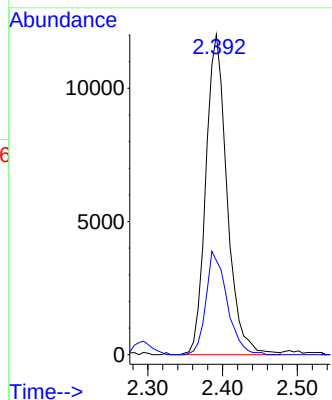
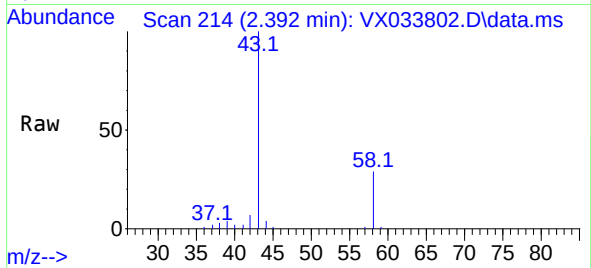




#16
Acetone
Concen: 24.758 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX033802.D
Acq: 19 Jan 2023 15:34

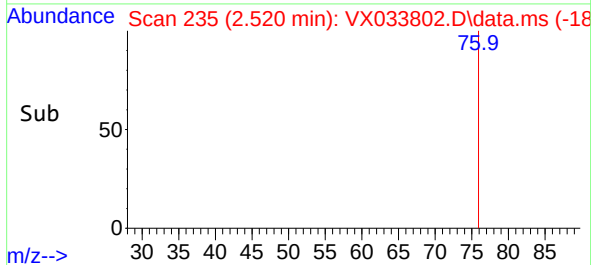
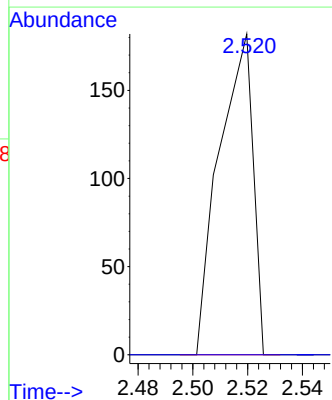
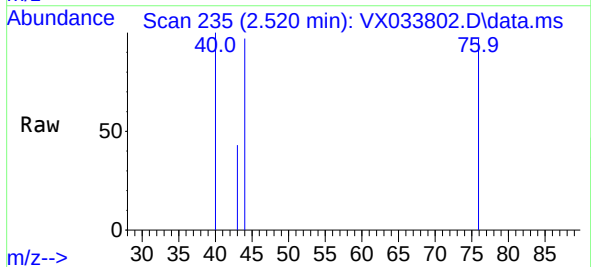
Instrument :
MSVOA_X
ClientSampleId :

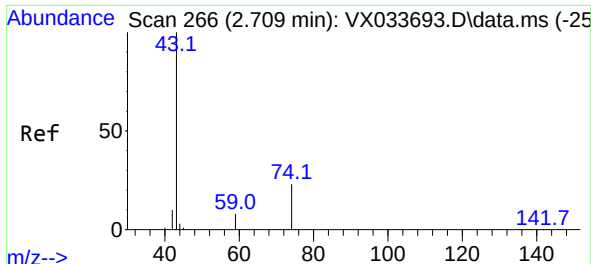
Tgt Ion: 43 Resp: 23727
Ion Ratio Lower Upper
43 100
58 29.4 22.6 33.8



#17
Carbon Disulfide
Concen: 1.865 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX033802.D
Acq: 19 Jan 2023 15:34

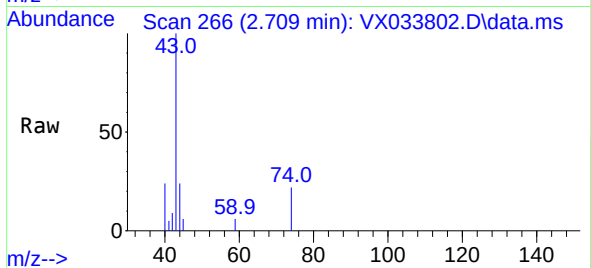
Tgt Ion: 76 Resp: 156
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



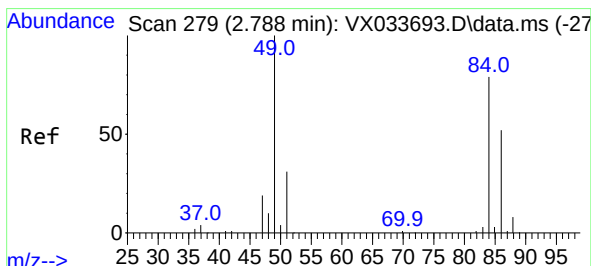
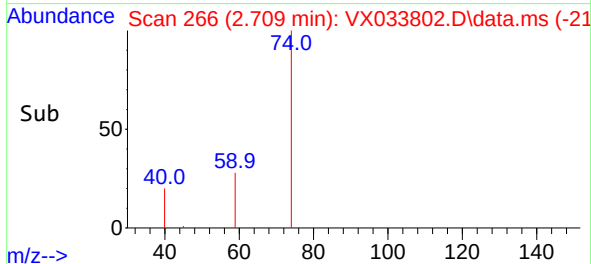
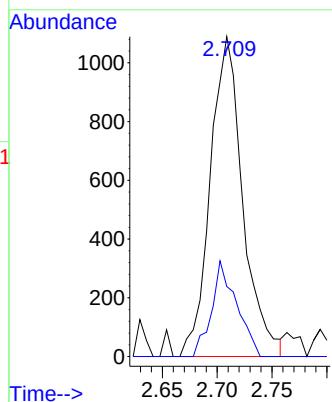


#18
Methyl Acetate
Concen: 0.886 ug/l
RT: 2.709 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX033802.D
Acq: 19 Jan 2023 15:34

Instrument :
MSVOA_X
ClientSampleId :

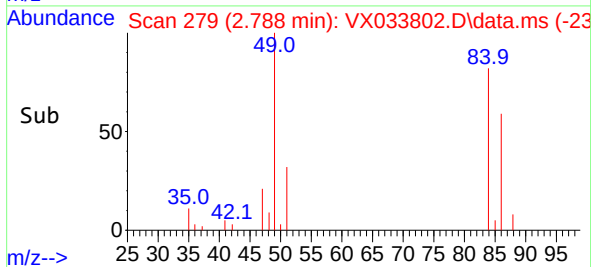
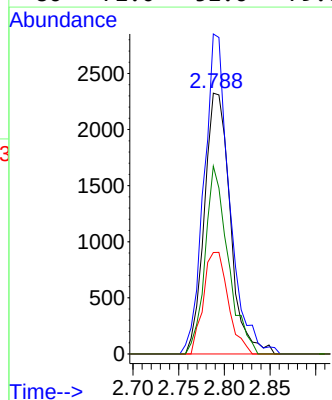
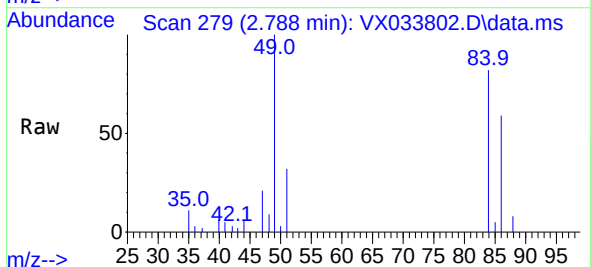


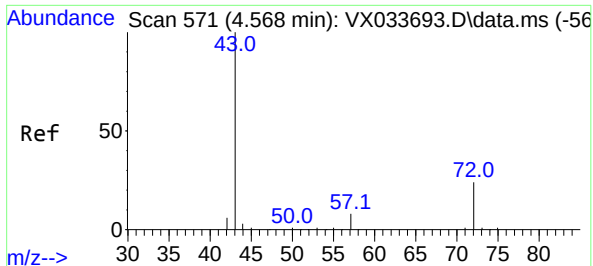
Tgt Ion: 43 Resp: 2247
Ion Ratio Lower Upper
43 100
74 23.0 18.2 27.4



#20
Methylene Chloride
Concen: 0.402 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX033802.D
Acq: 19 Jan 2023 15:34

Tgt Ion: 84 Resp: 4563
Ion Ratio Lower Upper
84 100
49 122.7 101.1 151.7
51 38.9 31.0 46.6
86 72.0 52.6 79.0





#25

2-Butanone

Concen: 2.897 ug/l

RT: 4.586 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX033802.D

Acq: 19 Jan 2023 15:34

Instrument :

MSVOA_X

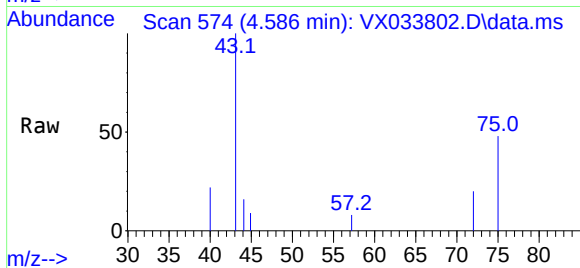
ClientSampleId :

Tgt Ion: 43 Resp: 3441

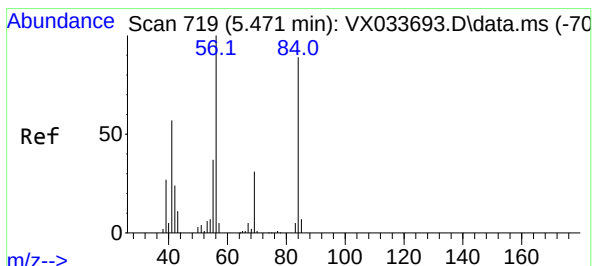
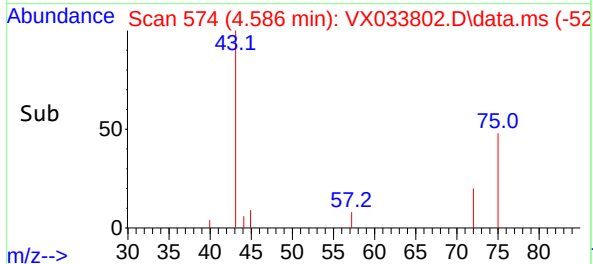
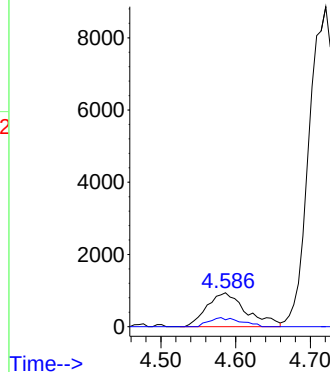
Ion Ratio Lower Upper

43 100

72 20.3 19.4 29.2



Abundance



#31

Cyclohexane

Concen: 0.951 ug/l

RT: 5.543 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX033802.D

Acq: 19 Jan 2023 15:34

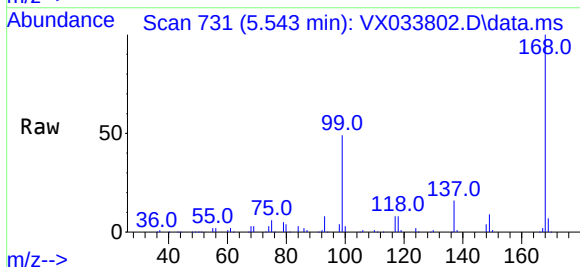
Tgt Ion: 56 Resp: 2544

Ion Ratio Lower Upper

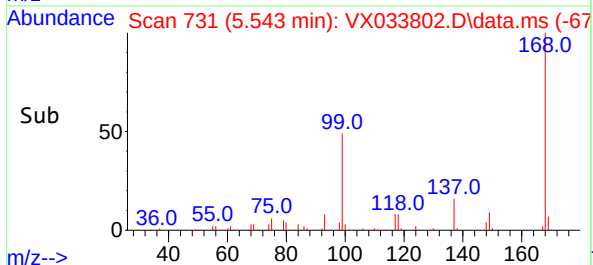
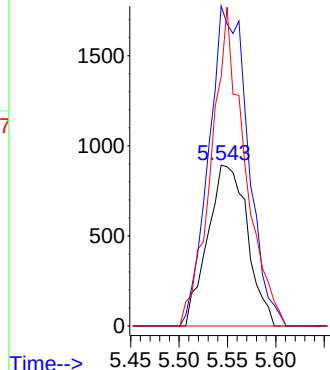
56 100

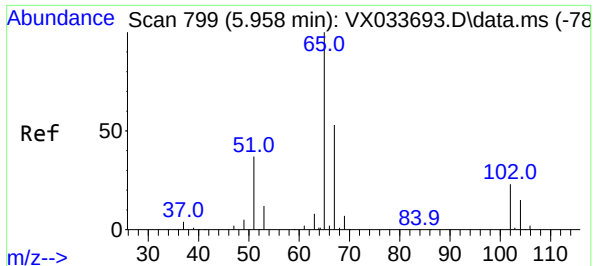
69 198.9 24.6 37.0#

84 154.9 71.0 106.6#



Abundance

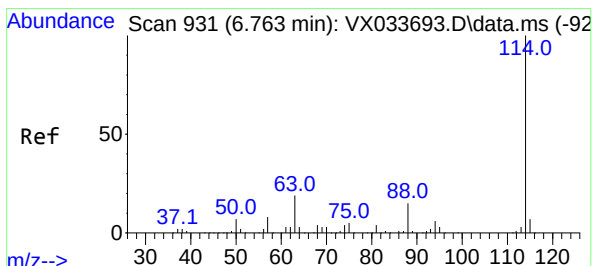
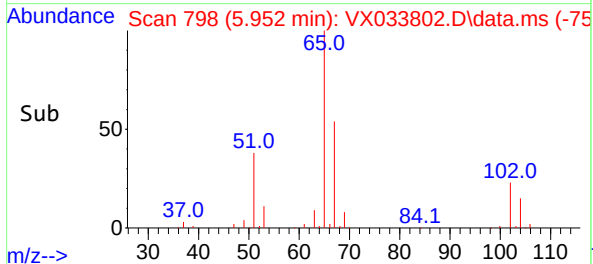
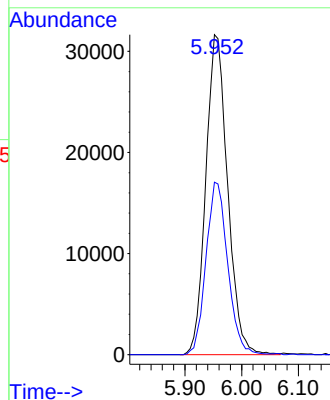
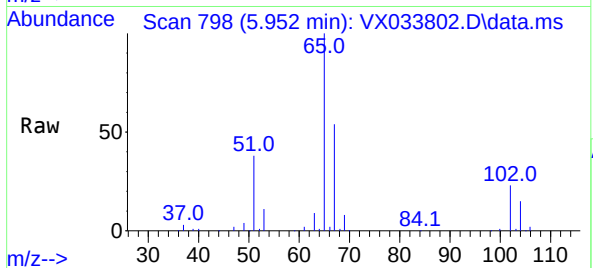




#33
1,2-Dichloroethane-d4
Concen: 46.495 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX033802.D
Acq: 19 Jan 2023 15:34

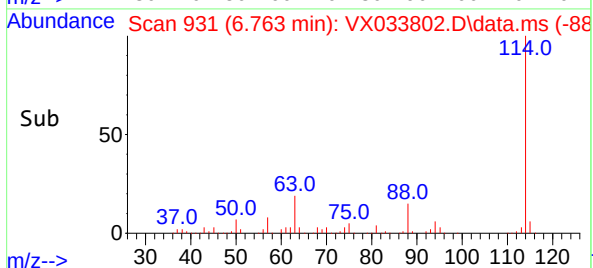
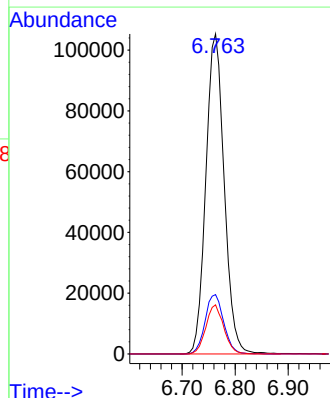
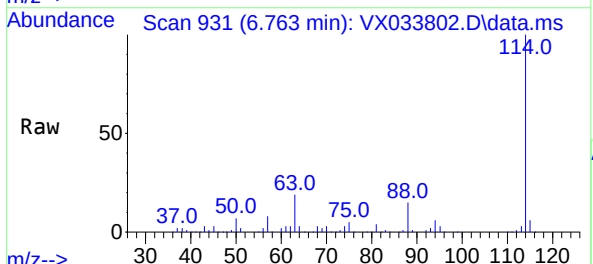
Instrument :
MSVOA_X
ClientSampleId :

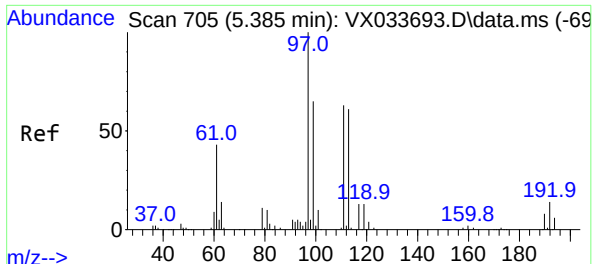
Tgt Ion: 65 Resp: 84511
Ion Ratio Lower Upper
65 100
67 53.7 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX033802.D
Acq: 19 Jan 2023 15:34

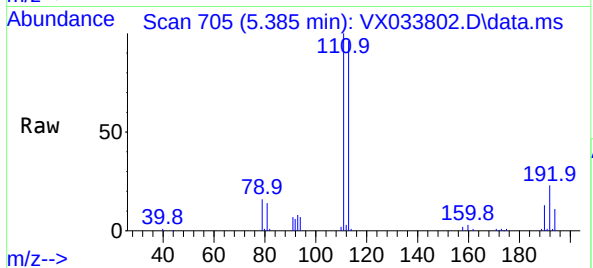
Tgt Ion: 114 Resp: 253115
Ion Ratio Lower Upper
114 100
63 18.5 0.0 37.4
88 15.3 0.0 30.6



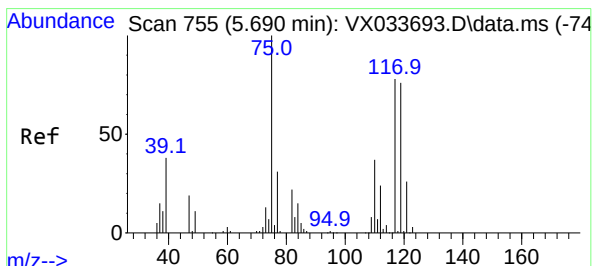
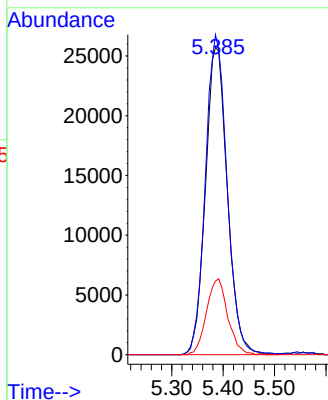
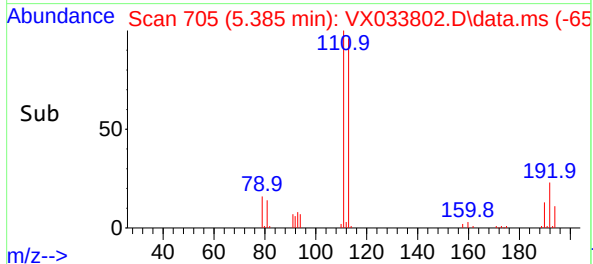


#35
Dibromofluoromethane
Concen: 48.519 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033802.D
Acq: 19 Jan 2023 15:34

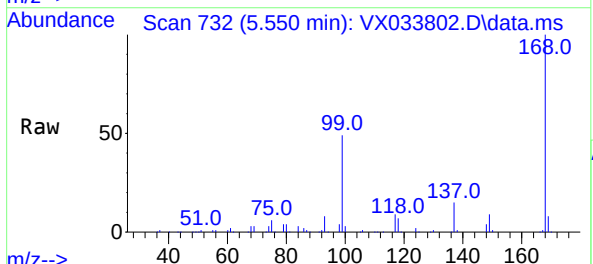
Instrument :
MSVOA_X
ClientSampleId :



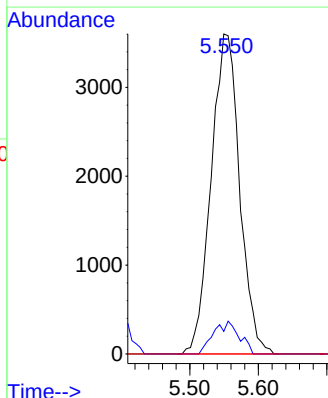
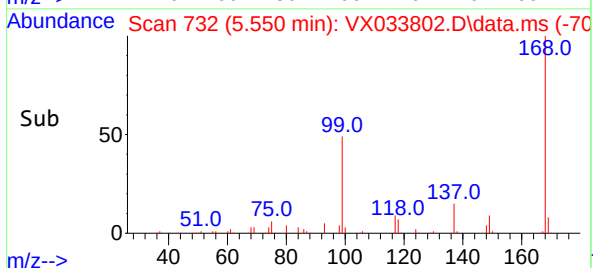
Tgt Ion:113 Resp: 76257
Ion Ratio Lower Upper
113 100
111 103.1 83.0 124.6
192 23.9 19.0 28.4

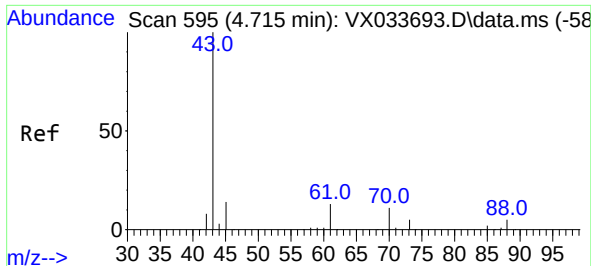


#36
1,1-Dichloropropene
Concen: 4.531 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.141 min
Lab File: VX033802.D
Acq: 19 Jan 2023 15:34



Tgt Ion: 75 Resp: 10394
Ion Ratio Lower Upper
75 100
110 9.2 18.8 56.4#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 9.980 ug/l

RT: 4.720 min Scan# 595

Delta R.T. 0.005 min

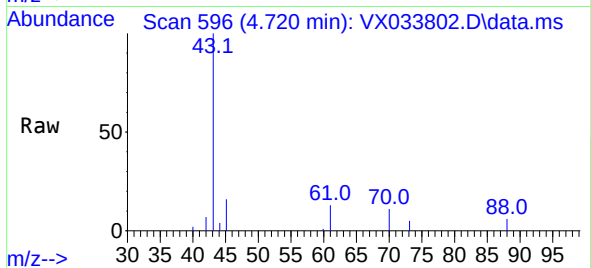
Lab File: VX033802.D

Acq: 19 Jan 2023 15:34

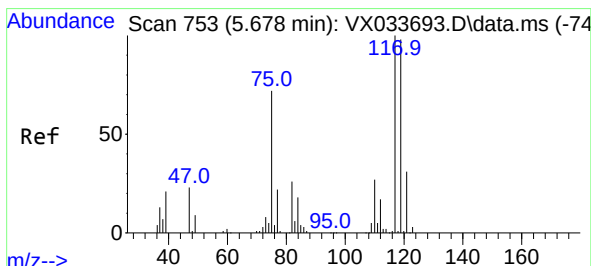
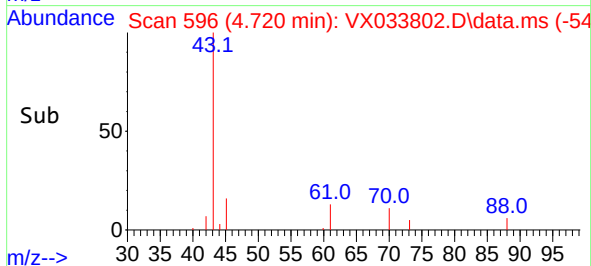
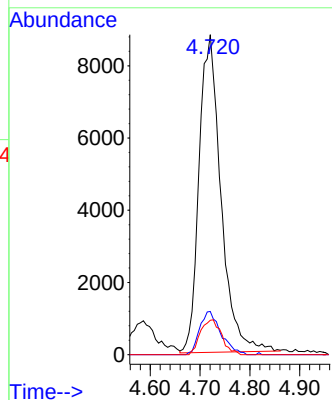
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	43	Resp:	26851
Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.1	16.7
70	10.6	8.5	12.7



#38

Carbon Tetrachloride

Concen: 6.304 ug/l

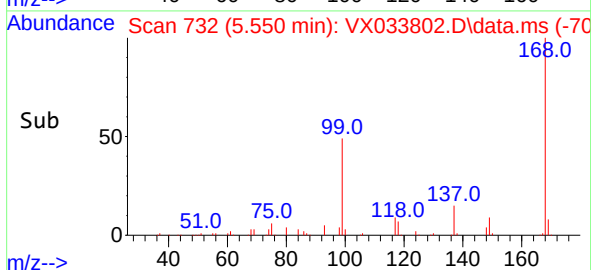
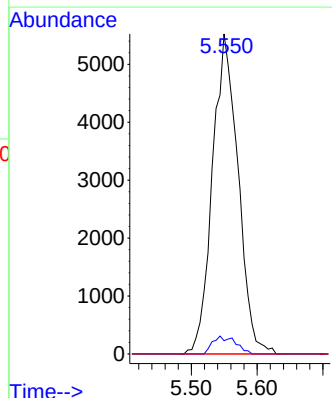
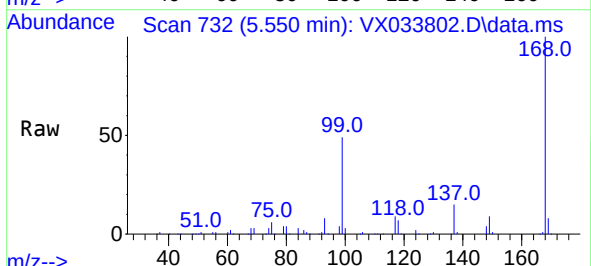
RT: 5.550 min Scan# 732

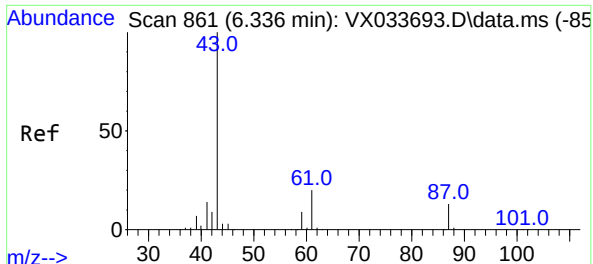
Delta R.T. -0.128 min

Lab File: VX033802.D

Acq: 19 Jan 2023 15:34

Tgt Ion:	117	Resp:	14976
Ion	Ratio	Lower	Upper
117	100		
119	4.1	78.0	117.0#
121	0.0	24.4	36.6#

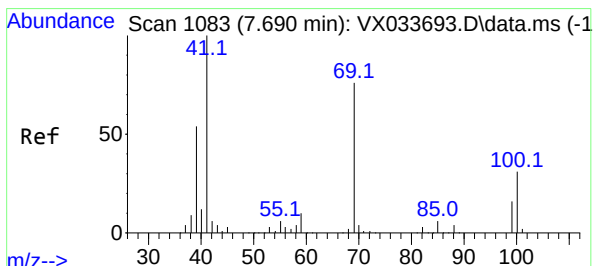
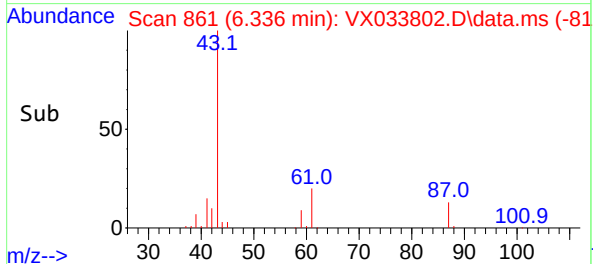
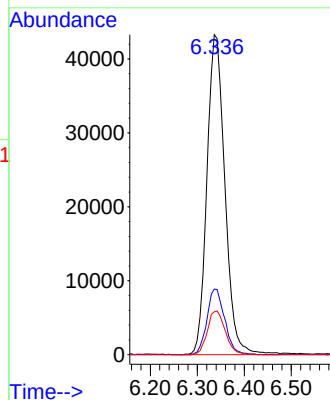
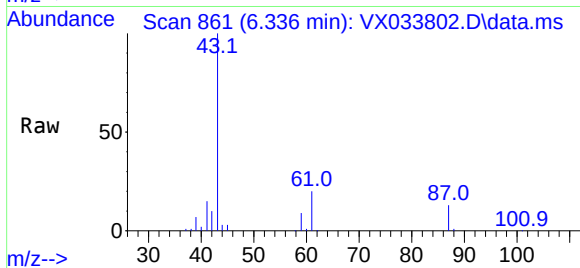




#43
Isopropyl Acetate
Concen: 31.711 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX033802.D
Acq: 19 Jan 2023 15:34

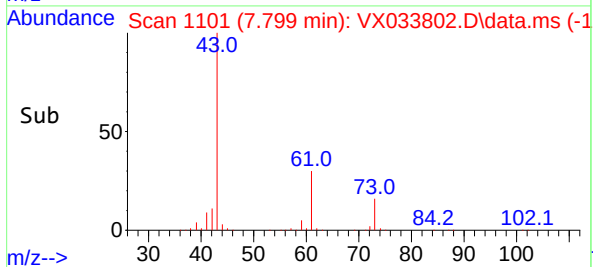
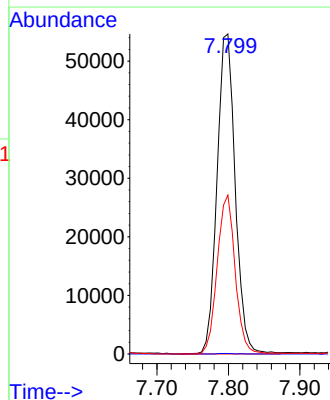
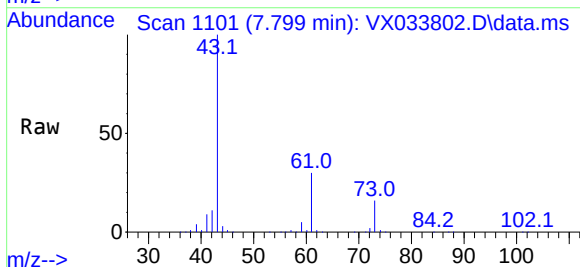
Instrument :
MSVOA_X
ClientSampleId :

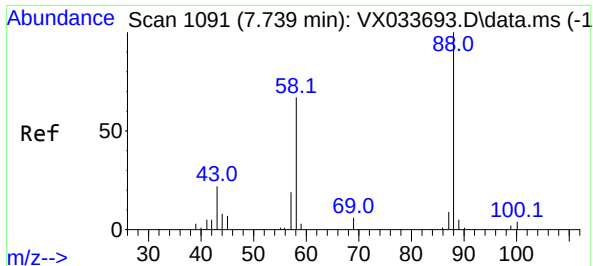
Tgt Ion: 43 Resp: 114832
Ion Ratio Lower Upper
43 100
61 20.2 15.7 23.5
87 13.7 10.6 15.8



#48
Methyl methacrylate
Concen: 52.976 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.109 min
Lab File: VX033802.D
Acq: 19 Jan 2023 15:34

Tgt Ion: 41 Resp: 96636
Ion Ratio Lower Upper
41 100
69 0.1 63.1 94.7#
39 49.0 43.2 64.8





#49

1,4-Dioxane

Concen: 3.420 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.061 min

Lab File: VX033802.D

Acq: 19 Jan 2023 15:34

Instrument :

MSVOA_X

ClientSampleId :

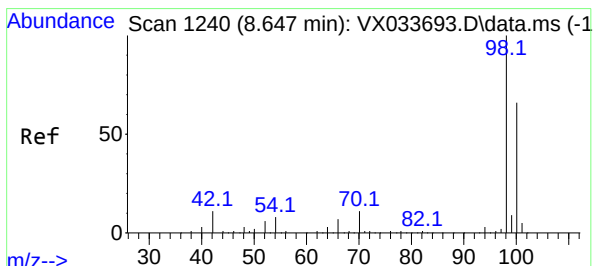
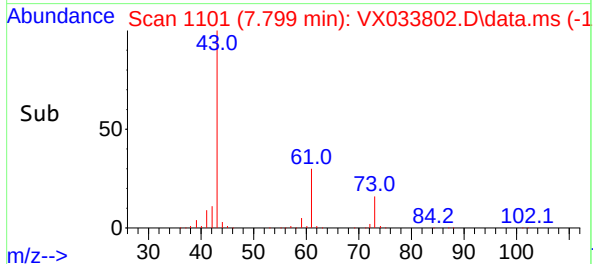
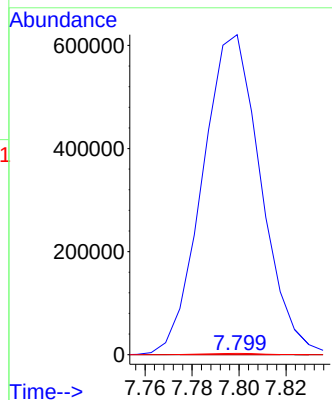
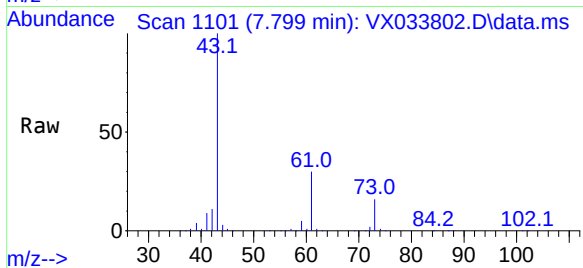
Tgt Ion: 88 Resp: 138

Ion Ratio Lower Upper

88 100

43 785163.8 0.0 0.0#

58 3145.7 56.5 84.7#



#50

Toluene-d8

Concen: 50.358 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX033802.D

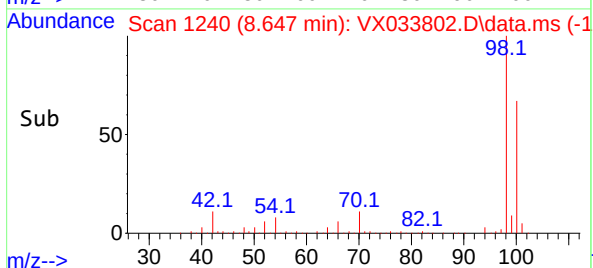
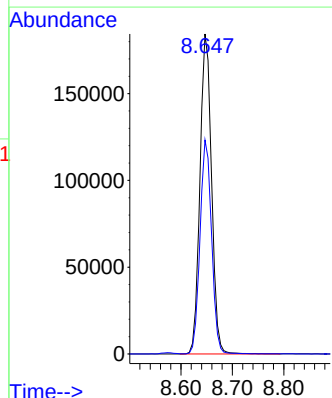
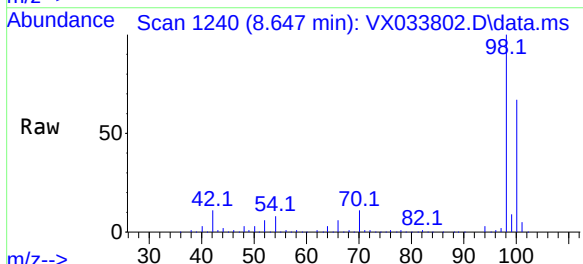
Acq: 19 Jan 2023 15:34

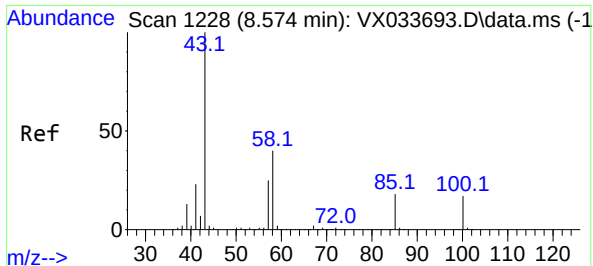
Tgt Ion: 98 Resp: 288378

Ion Ratio Lower Upper

98 100

100 66.7 53.6 80.4





#51

4-Methyl-2-Pentanone

Concen: 39.734 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.025 min

Lab File: VX033802.D

Acq: 19 Jan 2023 15:34

Instrument :

MSVOA_X

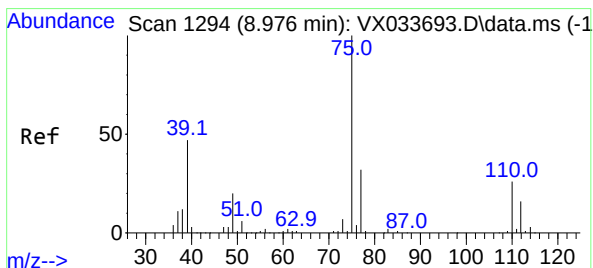
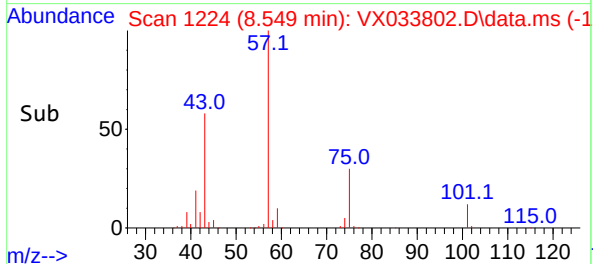
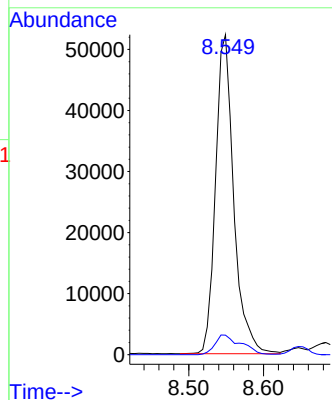
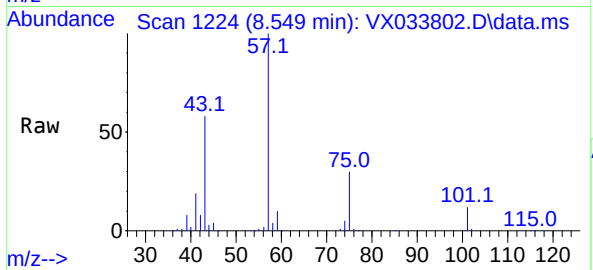
ClientSampleId :

Tgt Ion: 43 Resp: 88368

Ion Ratio Lower Upper

43 100

58 8.9 31.2 46.8#



#53

t-1,3-Dichloropropene

Concen: 0.351 ug/l

RT: 8.951 min Scan# 1290

Delta R.T. -0.025 min

Lab File: VX033802.D

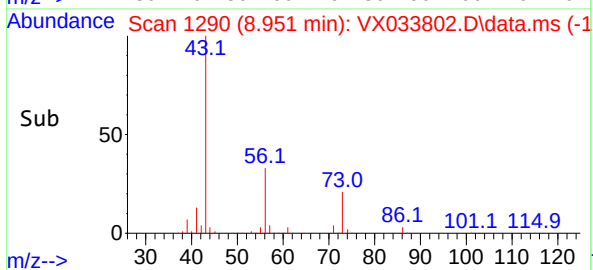
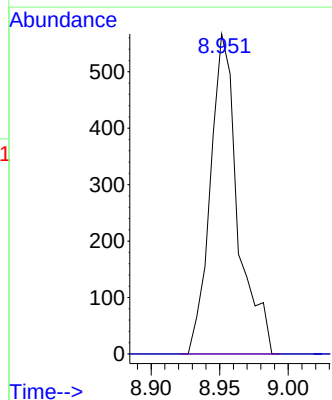
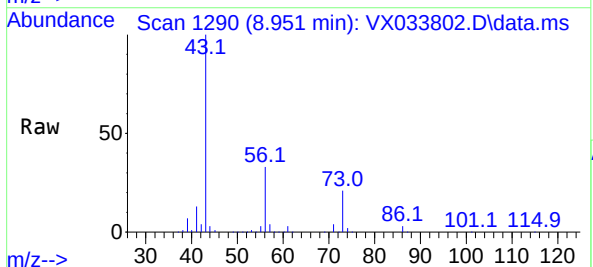
Acq: 19 Jan 2023 15:34

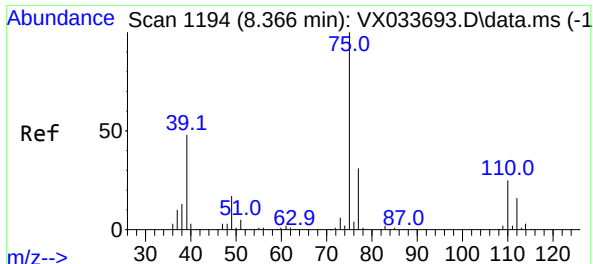
Tgt Ion: 75 Resp: 792

Ion Ratio Lower Upper

75 100

77 0.0 25.5 38.3#

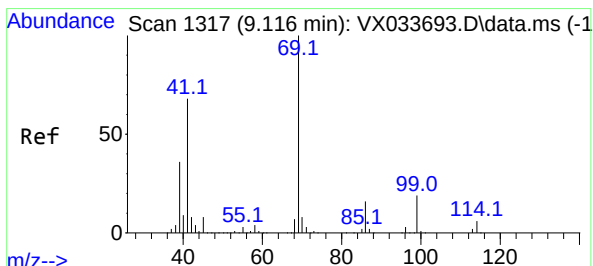
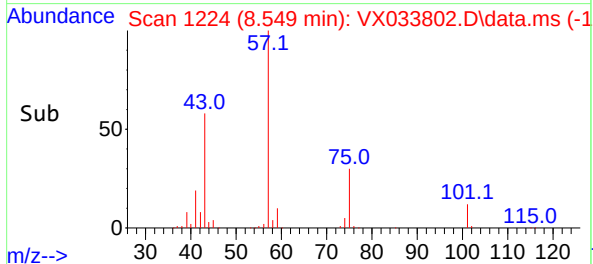
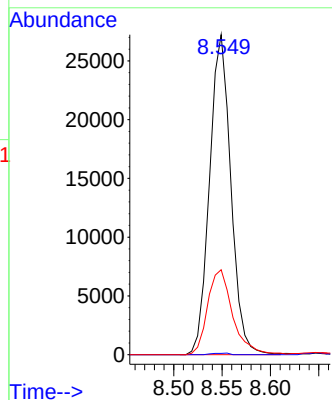
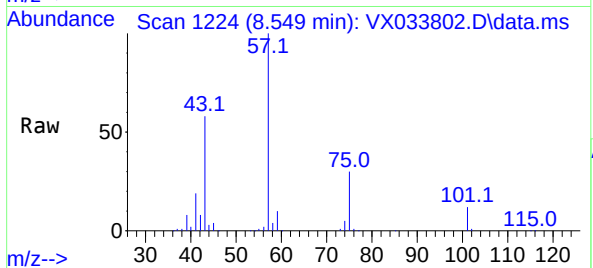




#54
cis-1,3-Dichloropropene
Concen: 16.538 ug/l
RT: 8.549 min Scan# 1194
Delta R.T. 0.183 min
Lab File: VX033802.D
Acq: 19 Jan 2023 15:34

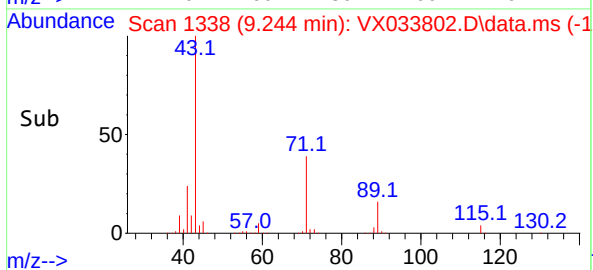
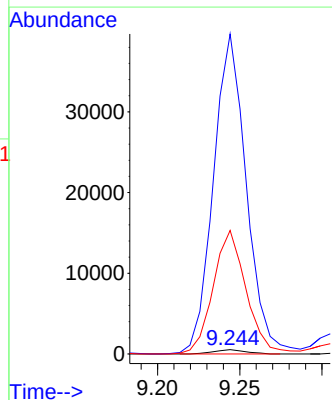
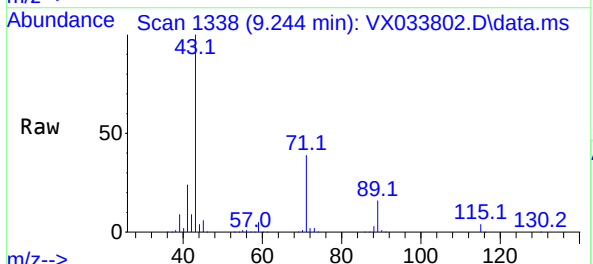
Instrument :
MSVOA_X
ClientSampleId :

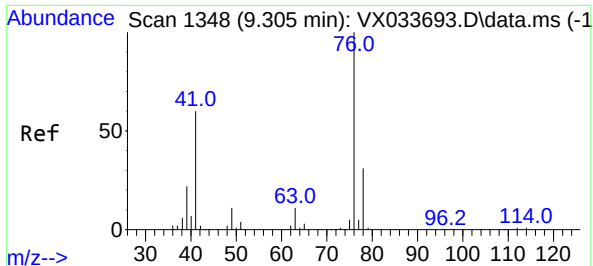
Tgt Ion: 75 Resp: 41781
Ion Ratio Lower Upper
75 100
77 0.4 25.0 37.6#
39 26.6 38.6 58.0#



#56
Ethyl methacrylate
Concen: 0.294 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. 0.128 min
Lab File: VX033802.D
Acq: 19 Jan 2023 15:34

Tgt Ion: 69 Resp: 707
Ion Ratio Lower Upper
69 100
41 7844.4 55.1 82.7#
39 3039.2 28.5 42.7#

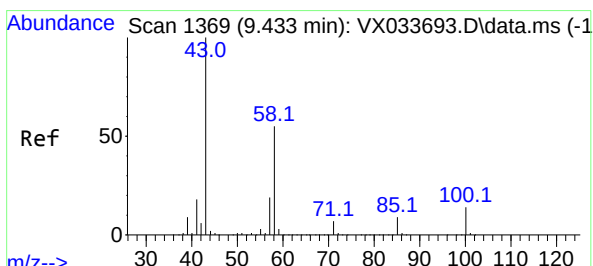
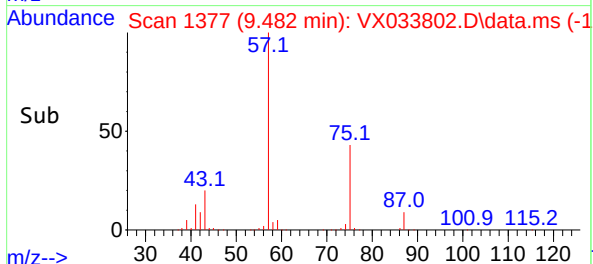
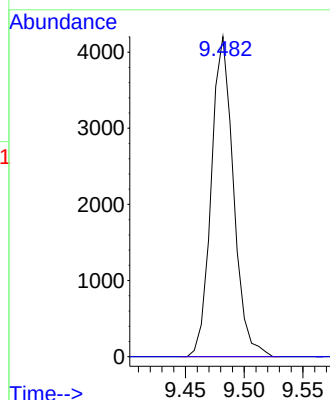
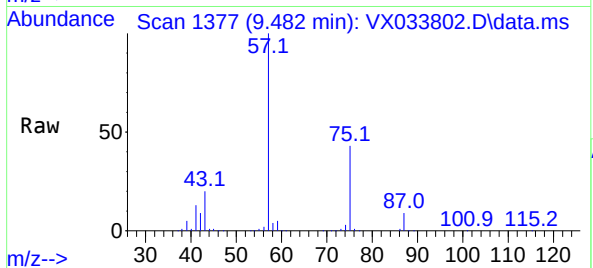




#57
1,3-Dichloropropane
Concen: 1.997 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX033802.D
Acq: 19 Jan 2023 15:34

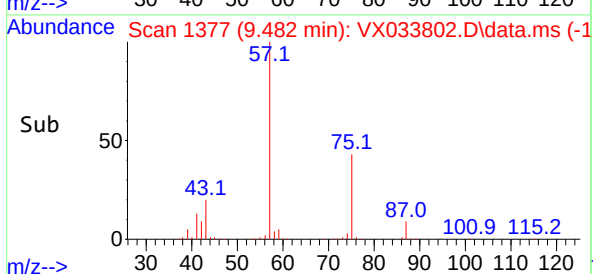
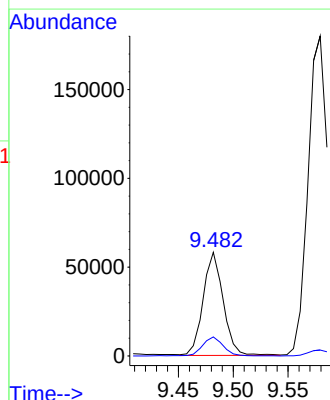
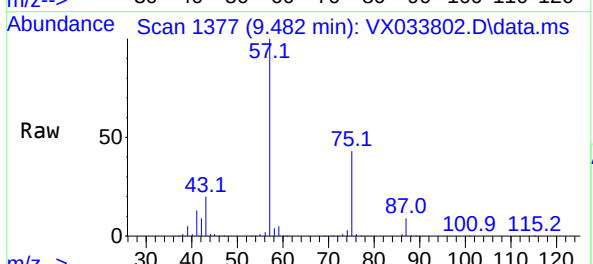
Instrument :
MSVOA_X
ClientSampleId :

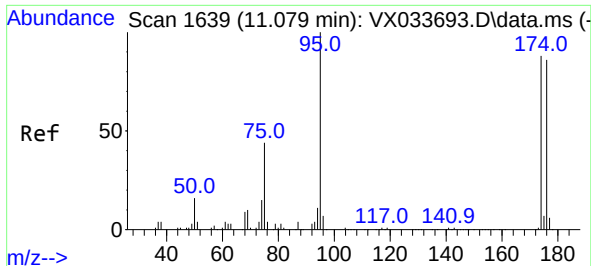
Tgt Ion: 76 Resp: 5535
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#



#59
2-Hexanone
Concen: 47.848 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX033802.D
Acq: 19 Jan 2023 15:34

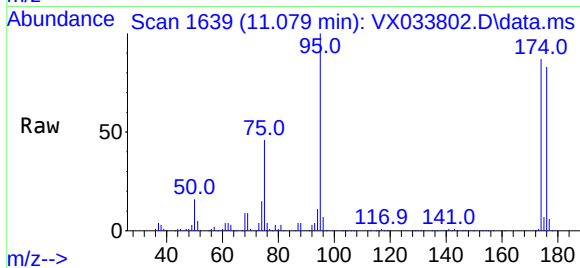
Tgt Ion: 43 Resp: 74065
Ion Ratio Lower Upper
43 100
58 19.3 27.4 82.0#



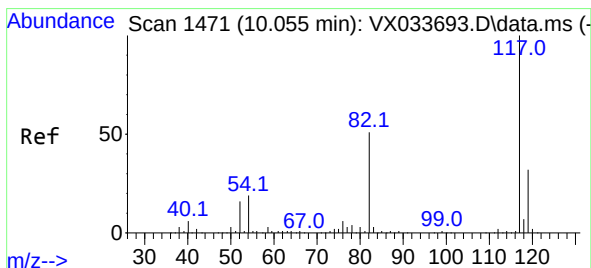
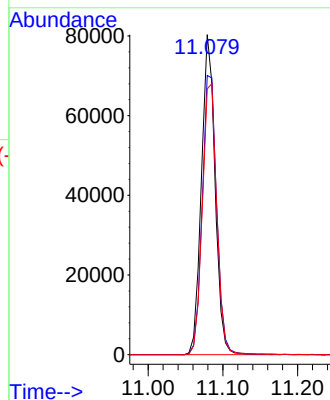
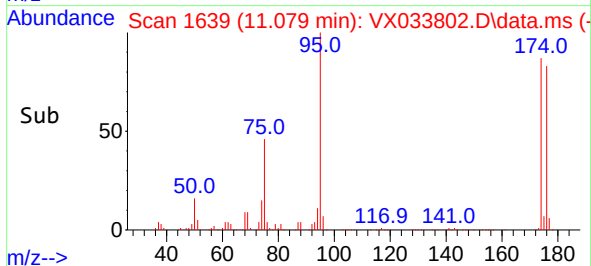


#62
4-Bromofluorobenzene
Concen: 47.901 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033802.D
Acq: 19 Jan 2023 15:34

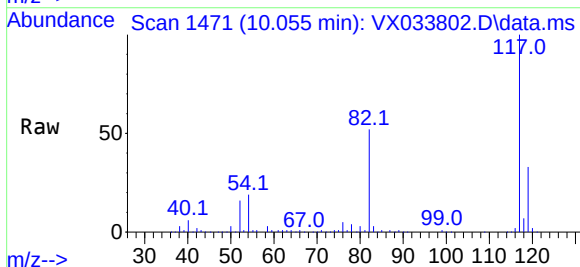
Instrument :
MSVOA_X
ClientSampleId :



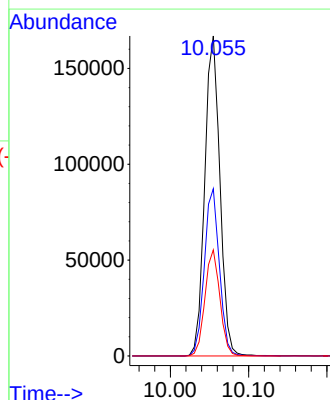
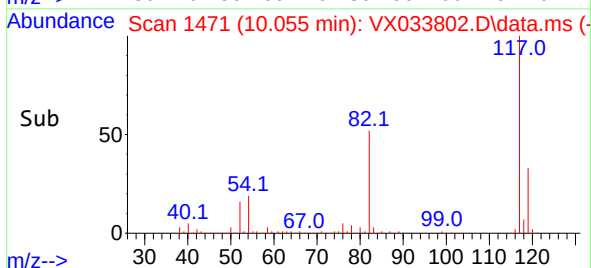
Tgt Ion: 95 Resp: 101845
Ion Ratio Lower Upper
95 100
174 92.5 0.0 184.4
176 89.5 0.0 178.8

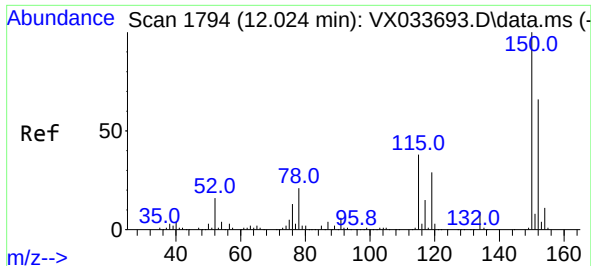


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033802.D
Acq: 19 Jan 2023 15:34



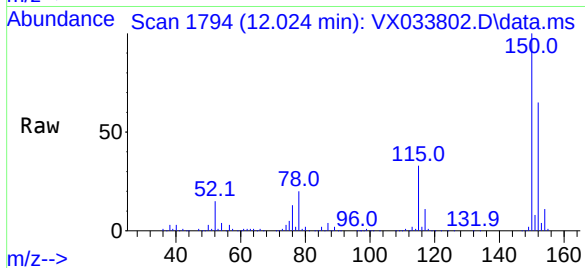
Tgt Ion: 117 Resp: 224243
Ion Ratio Lower Upper
117 100
82 52.3 40.6 60.8
119 33.1 25.6 38.4



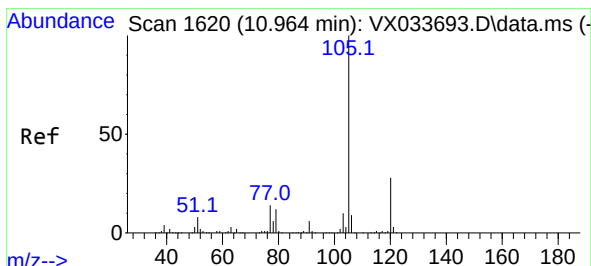
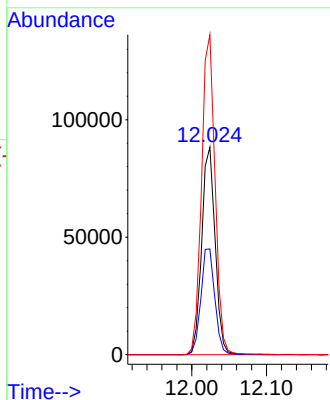
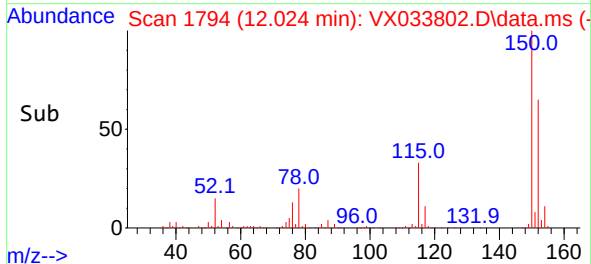


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033802.D
Acq: 19 Jan 2023 15:34

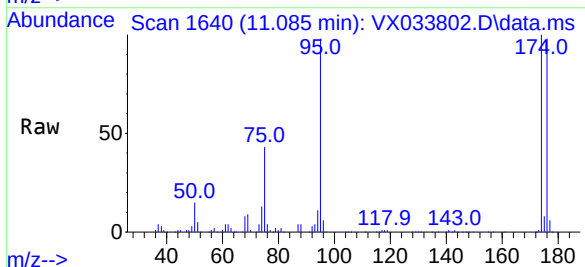
Instrument :
MSVOA_X
ClientSampleId :



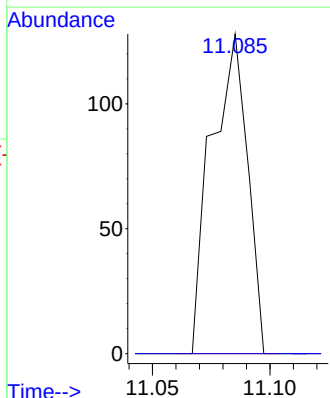
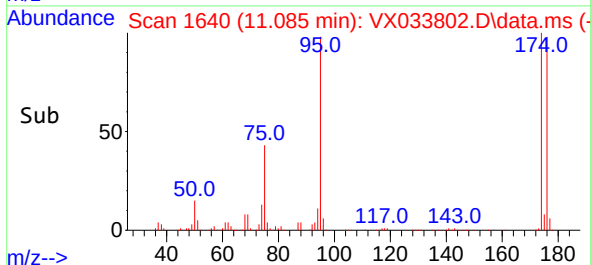
Tgt Ion:152 Resp: 110834
Ion Ratio Lower Upper
152 100
115 52.8 38.7 116.1
150 154.5 0.0 348.2

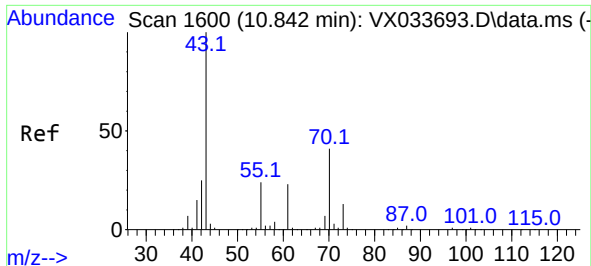


#73
Isopropylbenzene
Concen: Below Cal
RT: 11.085 min Scan# 1640
Delta R.T. 0.121 min
Lab File: VX033802.D
Acq: 19 Jan 2023 15:34



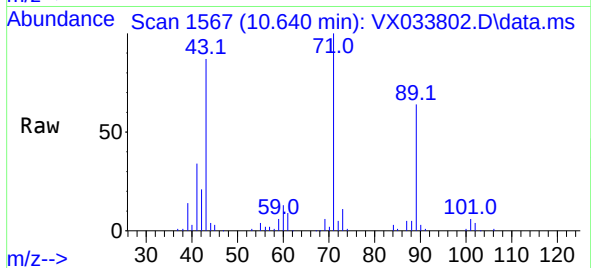
Tgt Ion:105 Resp: 137
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#



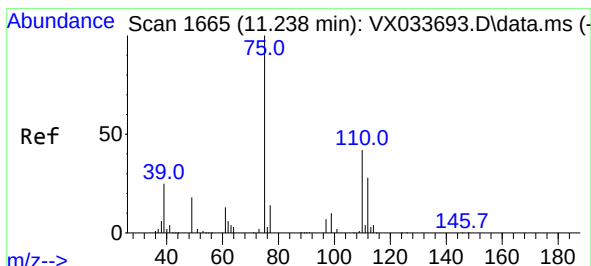
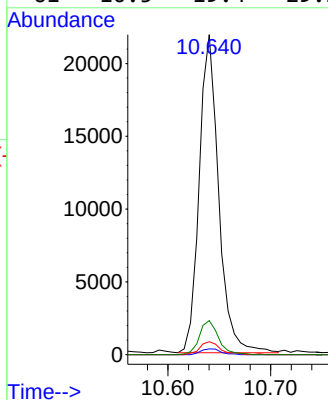
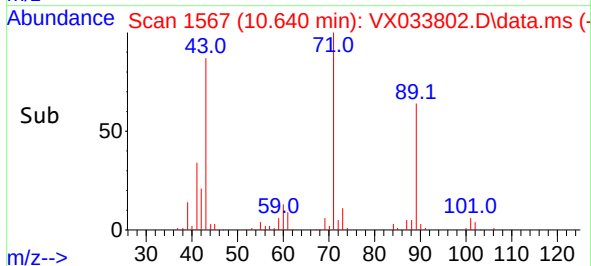


#74
N-amy1 acetate
Concen: 9.900 ug/l
RT: 10.640 min Scan# 1639
Delta R.T. -0.201 min
Lab File: VX033802.D
Acq: 19 Jan 2023 15:34

Instrument :
MSVOA_X
ClientSampleId :

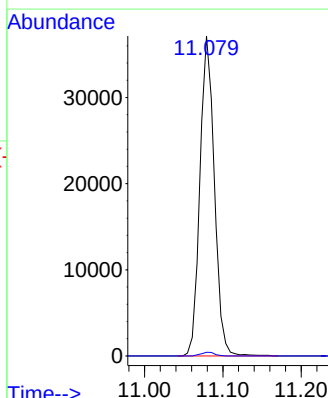
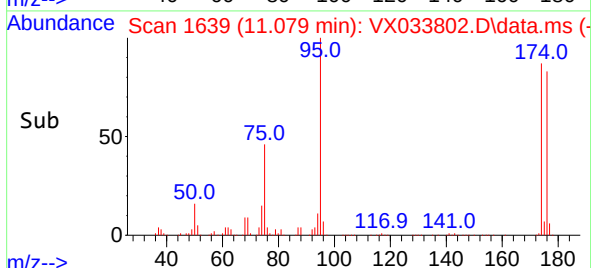
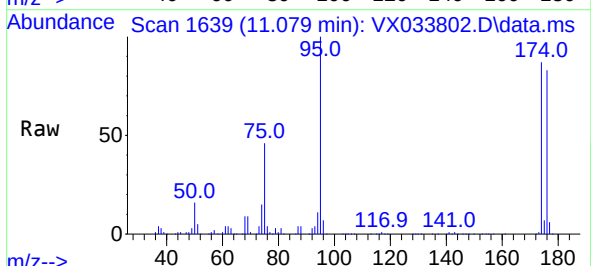


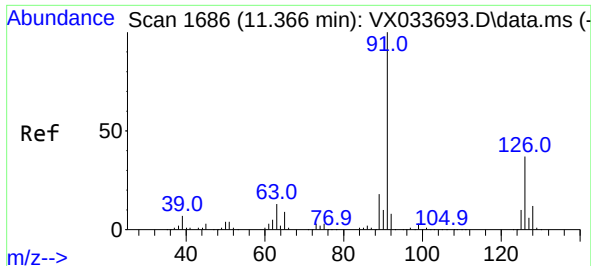
Tgt Ion: 43 Resp: 28814
Ion Ratio Lower Upper
43 100
70 1.9 34.8 52.2#
55 4.3 19.4 29.0#
61 10.5 19.4 29.2#



#76
1,2,3-Trichloropropane
Concen: 23.348 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033802.D
Acq: 19 Jan 2023 15:34

Tgt Ion: 75 Resp: 47547
Ion Ratio Lower Upper
75 100
77 1.1 21.8 65.4#

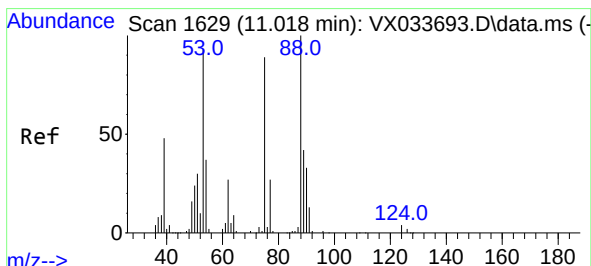
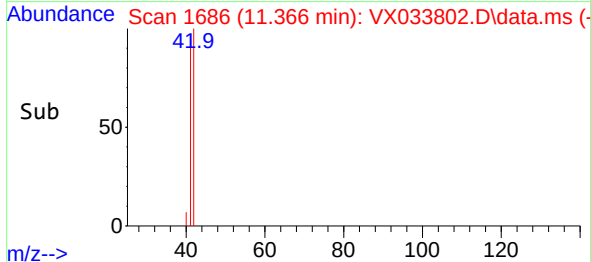
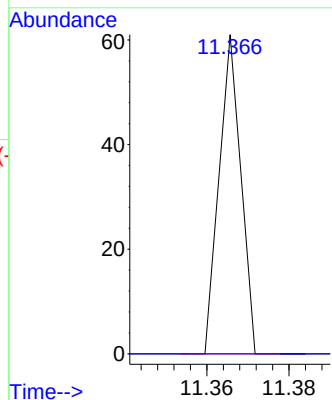
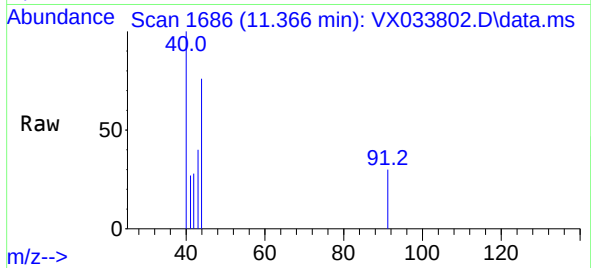




#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033802.D
Acq: 19 Jan 2023 15:34

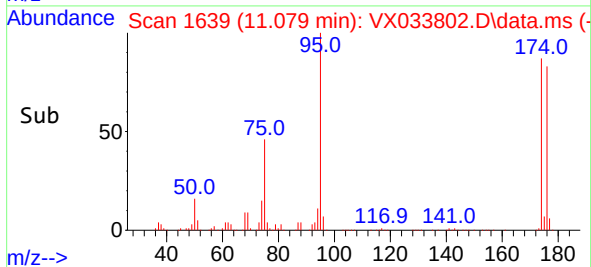
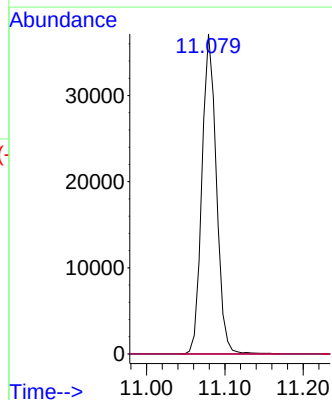
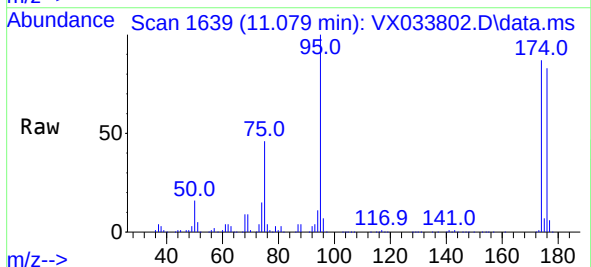
Instrument :
MSVOA_X
ClientSampleId :

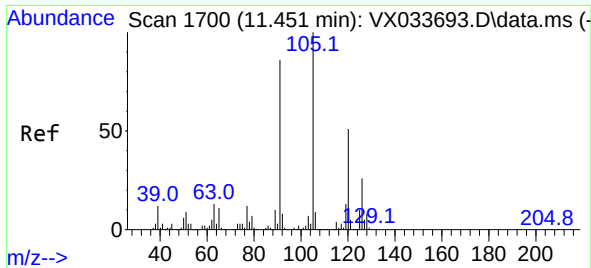
Tgt Ion: 91 Resp: 22
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.564 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033802.D
Acq: 19 Jan 2023 15:34

Tgt Ion: 75 Resp: 47547
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# 11
 Delta R.T. 0.006 min
 Lab File: VX033802.D
 Acq: 19 Jan 2023 15:34

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 91 Resp: 81
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.8 47.4#

