

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011423\
 Data File : VX033735.D
 Acq On : 13 Jan 2023 20:10
 Operator : JC/MD
 Sample : PB150223ZHE#07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

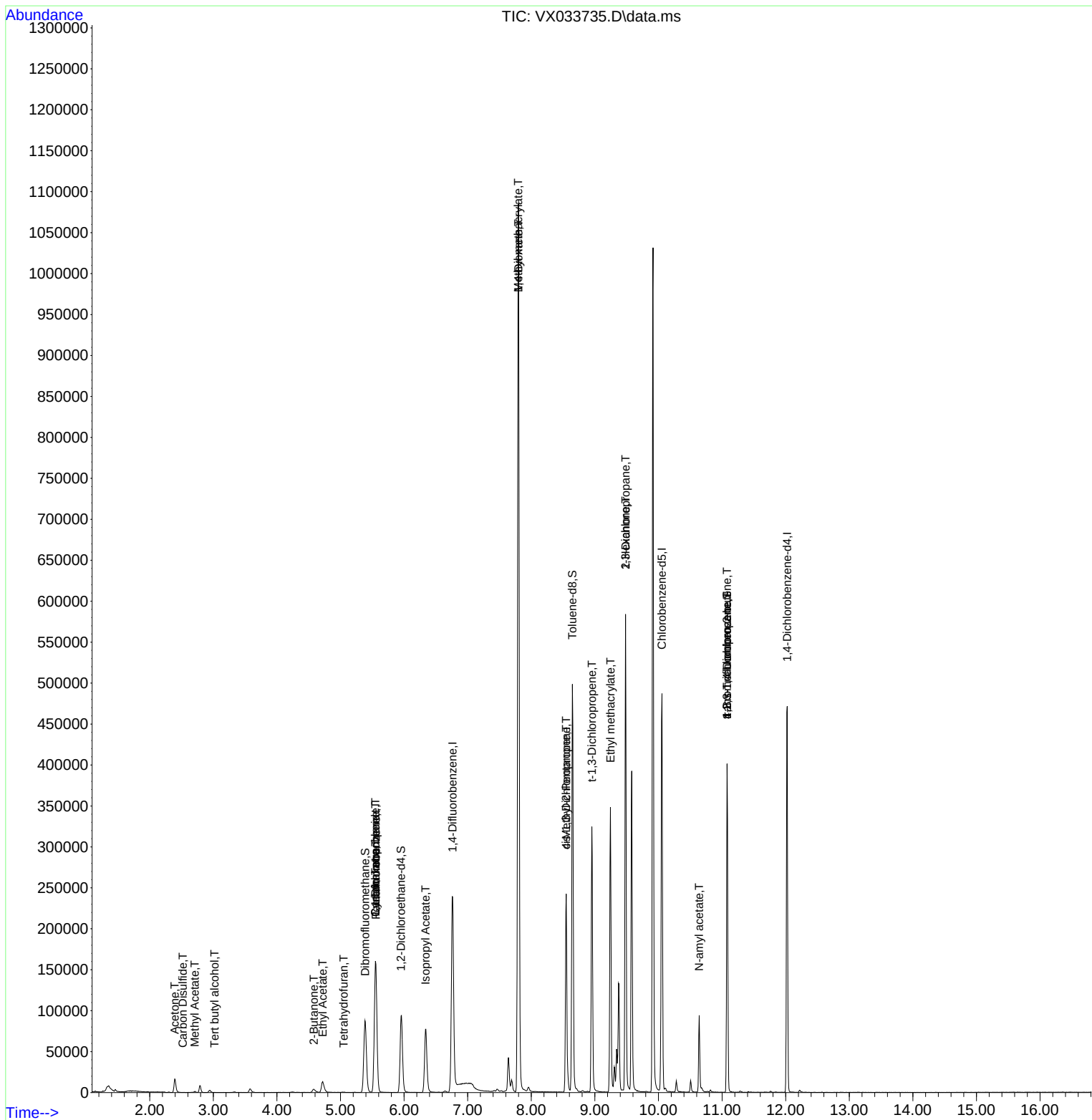
Quant Time: Jan 16 05:39:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

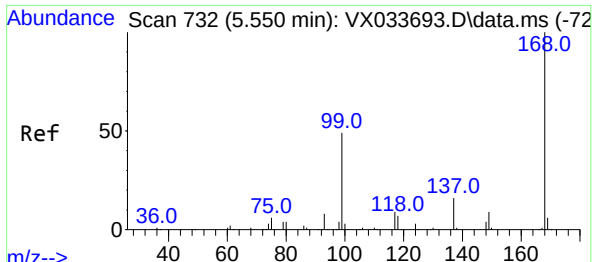
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	167007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	249884	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	231587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107873	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91536	52.056	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.120%			
35) Dibromofluoromethane	5.385	113	76794	49.492	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.980%			
50) Toluene-d8	8.647	98	295069	52.193	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.380%			
62) 4-Bromofluorobenzene	11.079	95	103283	49.205	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.420%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.020	59	155	0.507	ug/l #	86
16) Acetone	2.392	43	22877	24.631	ug/l	97
17) Carbon Disulfide	2.520	76	52	1.837	ug/l #	76
18) Methyl Acetate	2.709	43	1722	0.702	ug/l	93
20) Methylene Chloride	2.794	84	3755	Below Cal		87
25) 2-Butanone	4.580	43	6840	5.953	ug/l	94
29) Tetrahydrofuran	5.050	42	495	0.684	ug/l #	34
31) Cyclohexane	5.550	56	2782	1.075	ug/l #	13
36) 1,1-Dichloropropene	5.550	75	11022	4.867	ug/l #	48
37) Ethyl Acetate	4.721	43	24119	8.808	ug/l	100
38) Carbon Tetrachloride	5.550	117	14970	6.383	ug/l #	14
43) Isopropyl Acetate	6.336	43	108170	30.257	ug/l	99
48) Methyl methacrylate	7.793	41	93304	51.810	ug/l #	44
49) 1,4-Dioxane	7.799	88	210	5.272	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	85719	39.041	ug/l #	51
53) t-1,3-Dichloropropene	8.952	75	769	0.345	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	38106	15.278	ug/l #	61
56) Ethyl methacrylate	9.244	69	638	0.269	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	5224	1.909	ug/l #	43
59) 2-Hexanone	9.482	43	69920	45.754	ug/l #	50
73) Isopropylbenzene	11.079	105	168	Below Cal	#	48
74) N-amyl acetate	10.640	43	25849	9.125	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	48871	24.657	ug/l #	35
79) 2-Chlorotoluene	11.311	91	44	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	48871	76.632	ug/l #	8
82) 4-Chlorotoluene	11.311	91	44	Below Cal	#	43

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

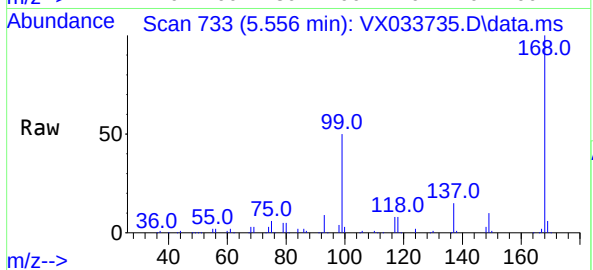
Quant Time: Jan 16 05:39:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration



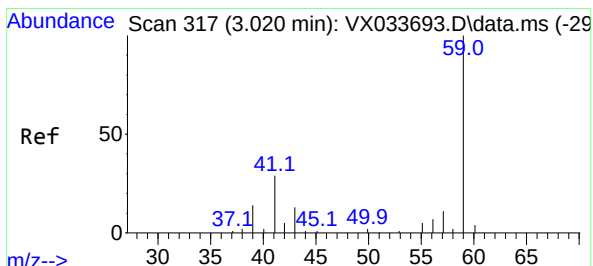
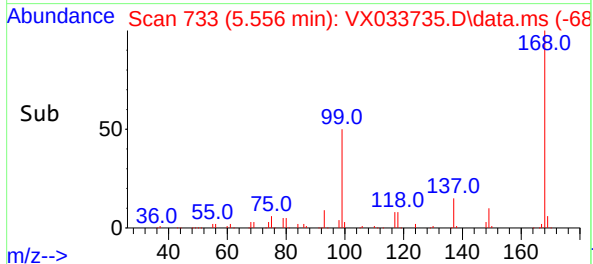
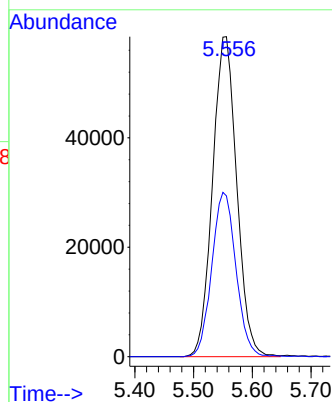


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX033735.D
Acq: 13 Jan 2023 20:10

Instrument :
MSVOA_X
ClientSampleId :

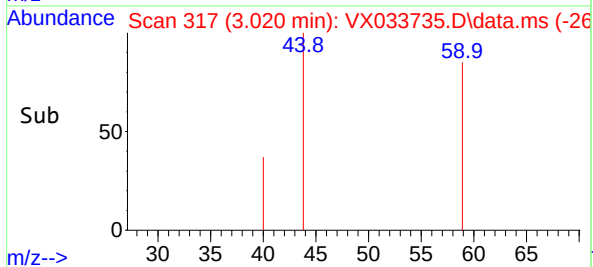
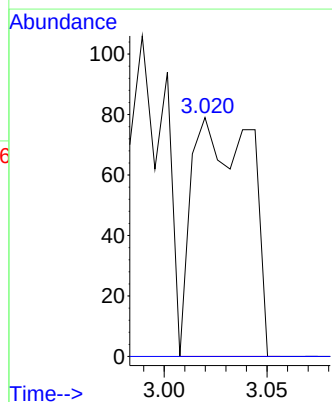
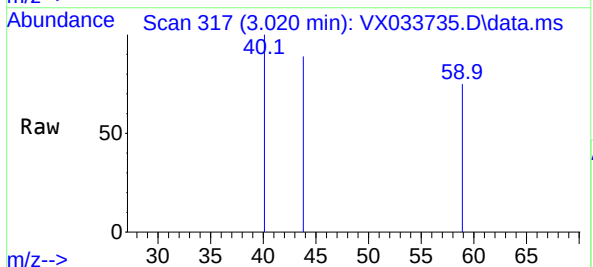


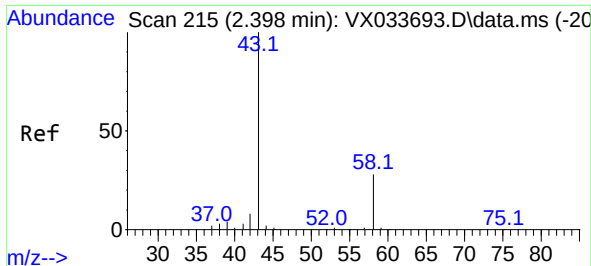
Tgt Ion:168 Resp: 167007
Ion Ratio Lower Upper
168 100
99 50.3 39.6 59.4



#11
Tert butyl alcohol
Concen: 0.507 ug/l
RT: 3.020 min Scan# 317
Delta R.T. -0.000 min
Lab File: VX033735.D
Acq: 13 Jan 2023 20:10

Tgt Ion: 59 Resp: 155
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

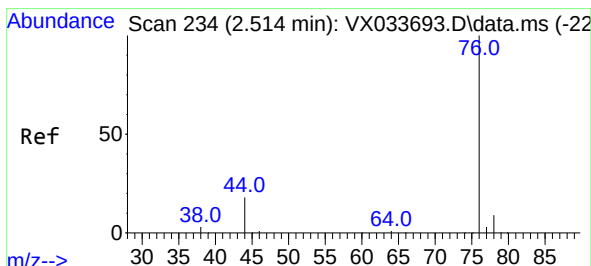
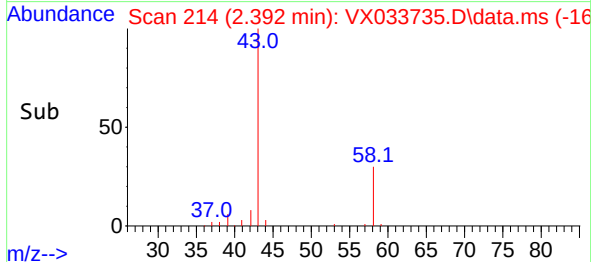
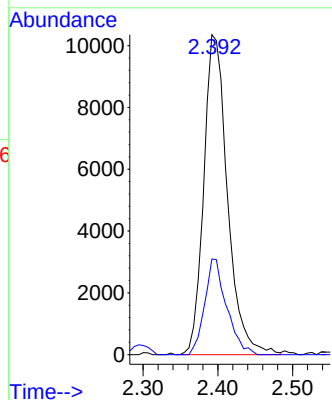
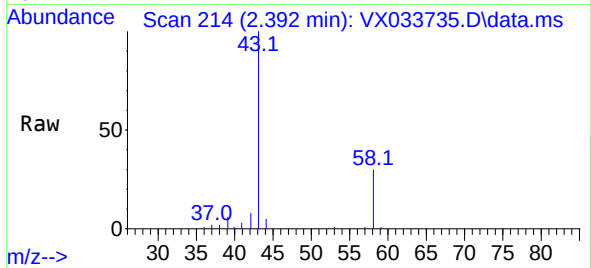




#16
Acetone
Concen: 24.631 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX033735.D
Acq: 13 Jan 2023 20:10

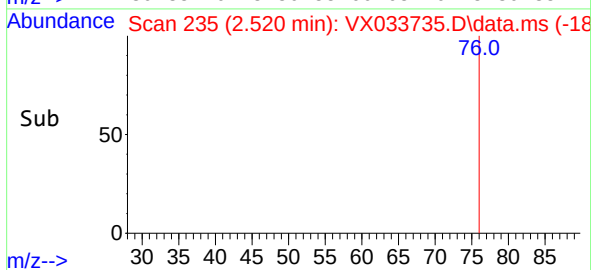
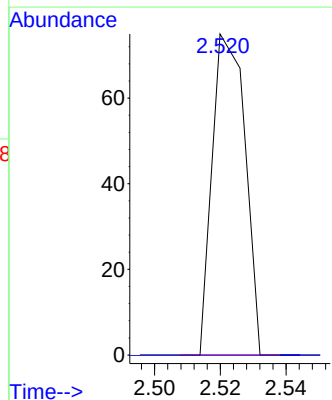
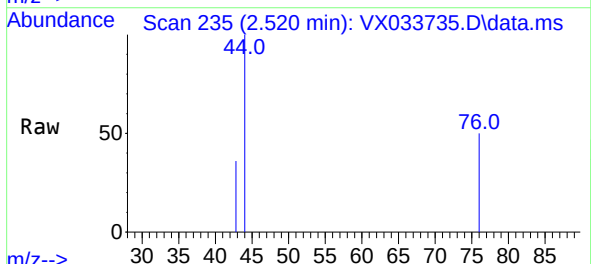
Instrument :
MSVOA_X
ClientSampleId :

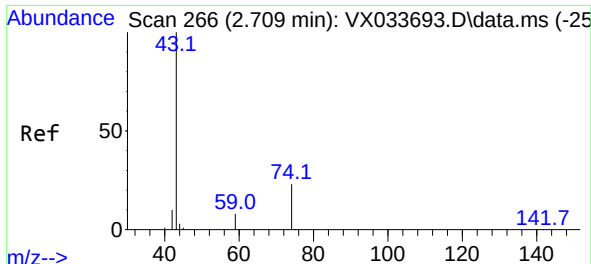
Tgt Ion: 43 Resp: 22877
Ion Ratio Lower Upper
43 100
58 29.9 22.6 33.8



#17
Carbon Disulfide
Concen: 1.837 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX033735.D
Acq: 13 Jan 2023 20:10

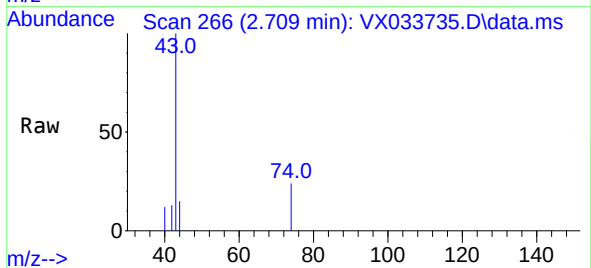
Tgt Ion: 76 Resp: 52
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



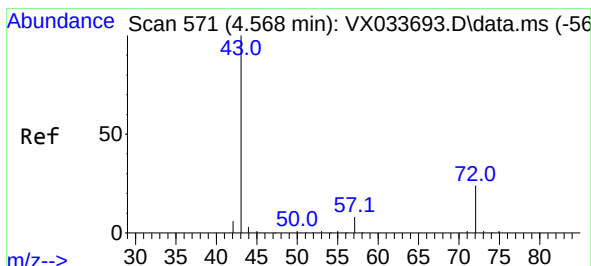
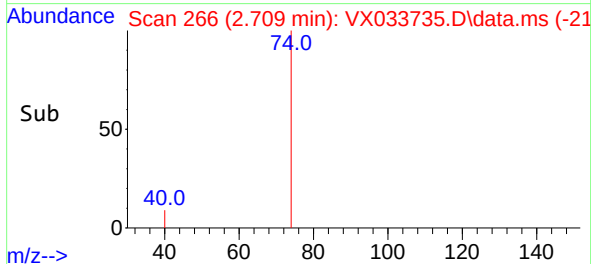
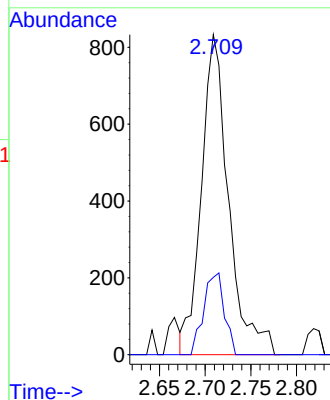


#18
Methyl Acetate
Concen: 0.702 ug/l
RT: 2.709 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033735.D
Acq: 13 Jan 2023 20:10

Instrument :
MSVOA_X
ClientSampleId :

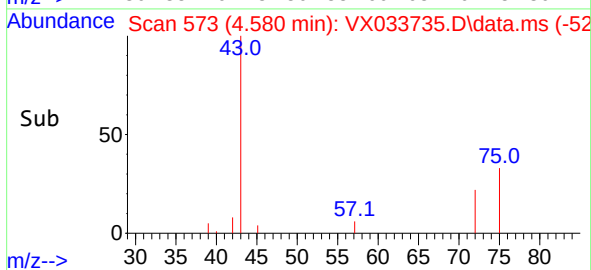
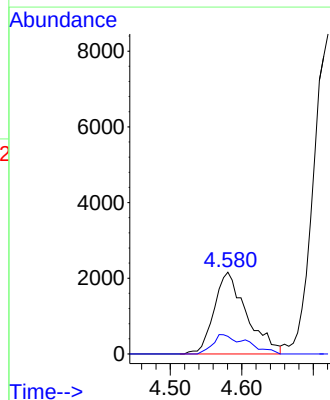
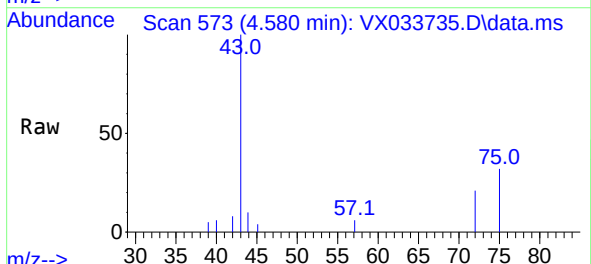


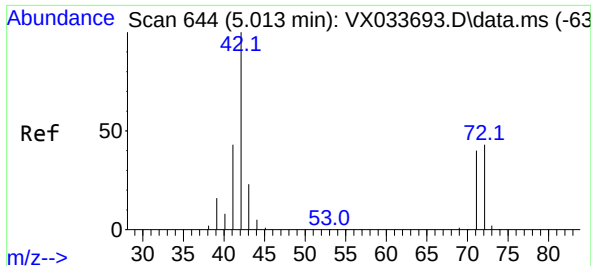
Tgt Ion: 43 Resp: 1722
Ion Ratio Lower Upper
43 100
74 19.3 18.2 27.4



#25
2-Butanone
Concen: 5.953 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX033735.D
Acq: 13 Jan 2023 20:10

Tgt Ion: 43 Resp: 6840
Ion Ratio Lower Upper
43 100
72 21.4 19.4 29.2





#29

Tetrahydrofuran

Concen: 0.684 ug/l

RT: 5.050 min Scan# 61

Delta R.T. 0.037 min

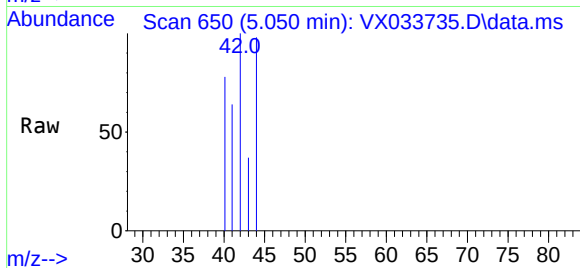
Lab File: VX033735.D

Acq: 13 Jan 2023 20:10

Instrument :

MSVOA_X

ClientSampleId :



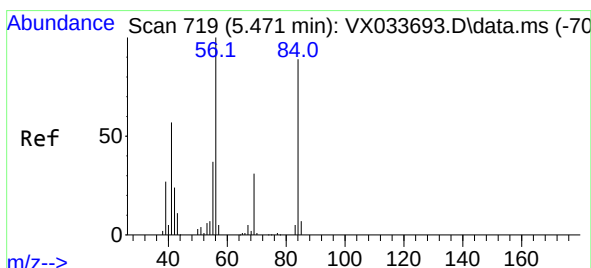
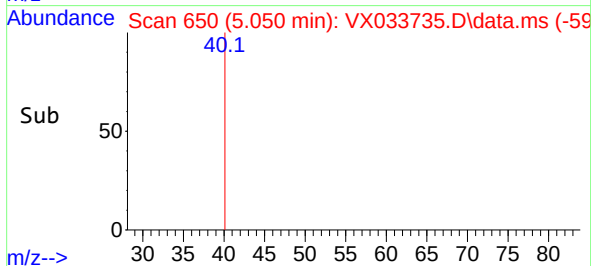
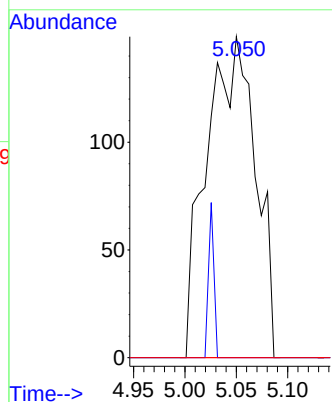
Tgt Ion: 42 Resp: 495

Ion Ratio Lower Upper

42 100

72 0.0 34.8 52.2#

71 0.0 32.2 48.2#



#31

Cyclohexane

Concen: 1.075 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX033735.D

Acq: 13 Jan 2023 20:10

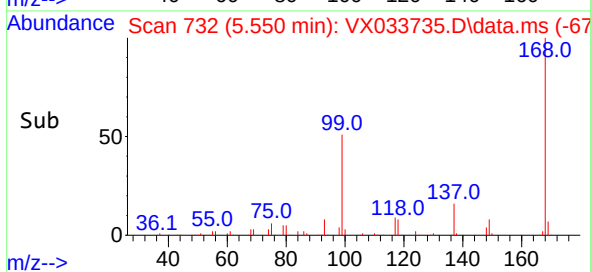
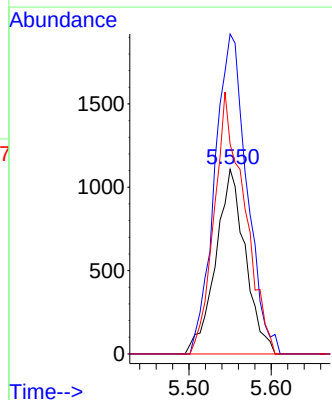
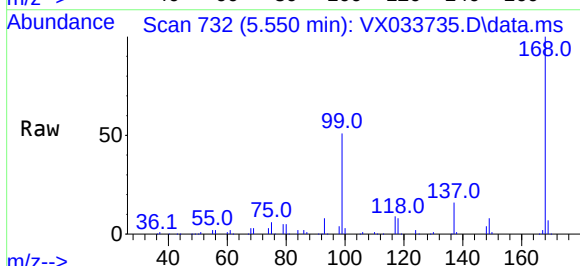
Tgt Ion: 56 Resp: 2782

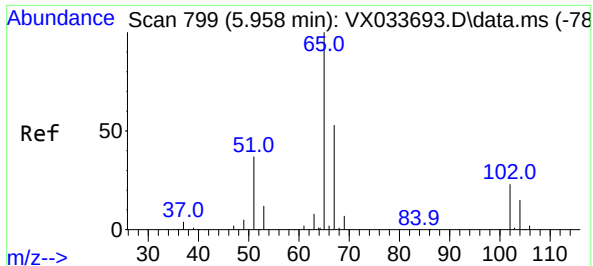
Ion Ratio Lower Upper

56 100

69 173.3 24.6 37.0#

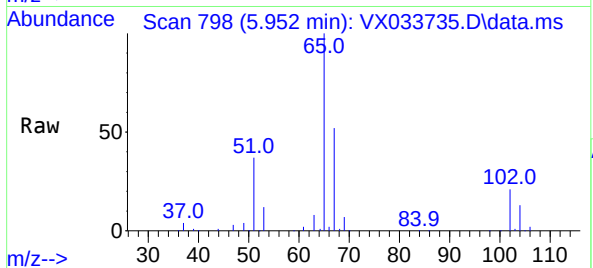
84 113.6 71.0 106.6#



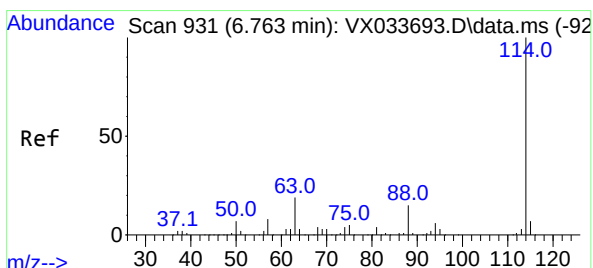
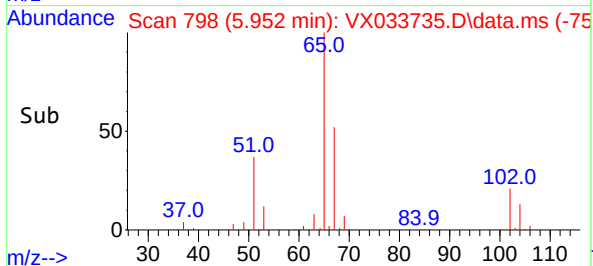
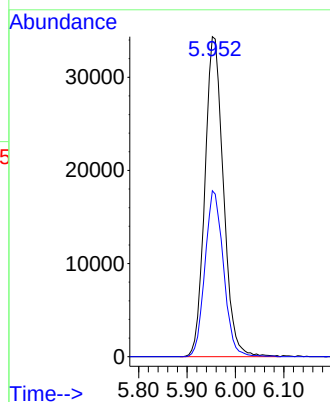


#33
1,2-Dichloroethane-d4
Concen: 52.056 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX033735.D
Acq: 13 Jan 2023 20:10

Instrument :
MSVOA_X
ClientSampleId :

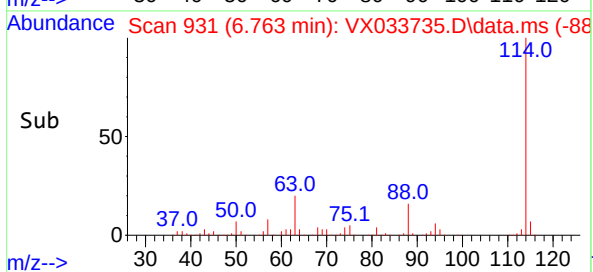
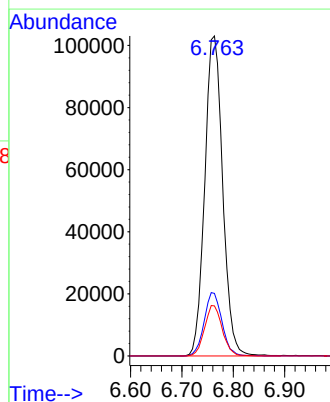
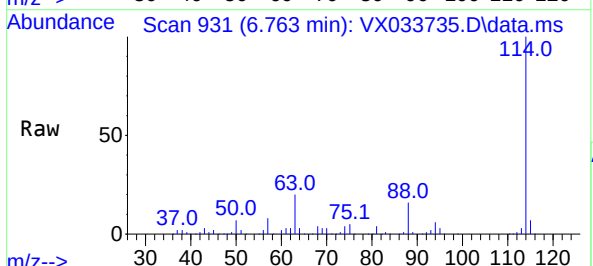


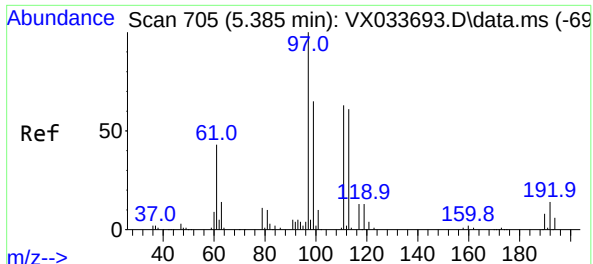
Tgt Ion: 65 Resp: 91536
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX033735.D
Acq: 13 Jan 2023 20:10

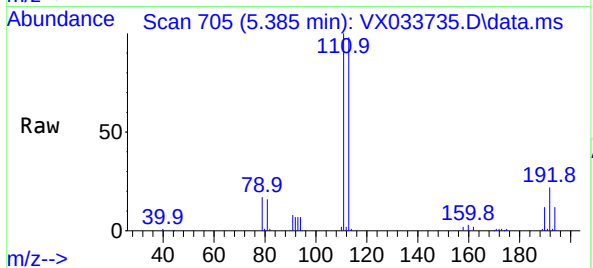
Tgt Ion: 114 Resp: 249884
Ion Ratio Lower Upper
114 100
63 19.5 0.0 37.4
88 15.6 0.0 30.6



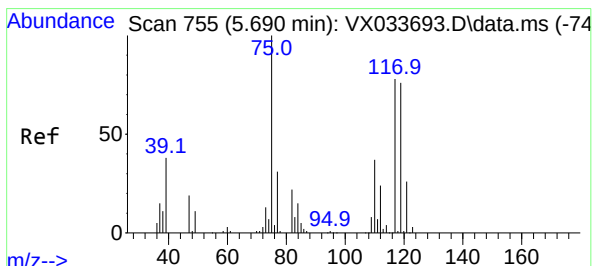
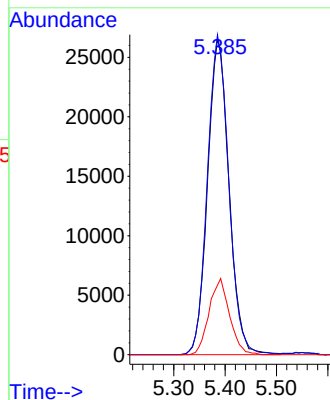
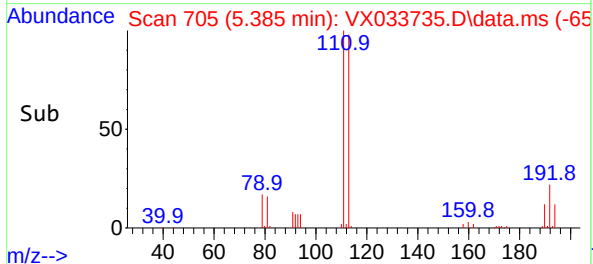


#35
Dibromofluoromethane
Concen: 49.492 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033735.D
Acq: 13 Jan 2023 20:10

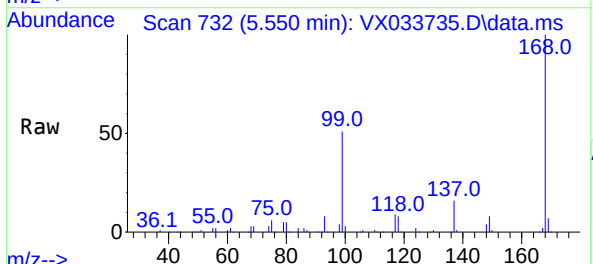
Instrument :
MSVOA_X
ClientSampleId :



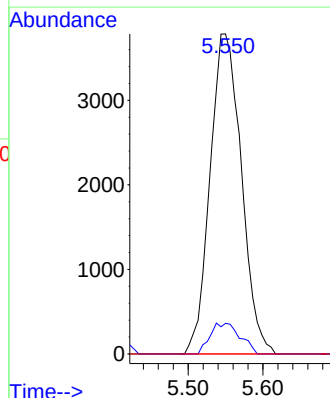
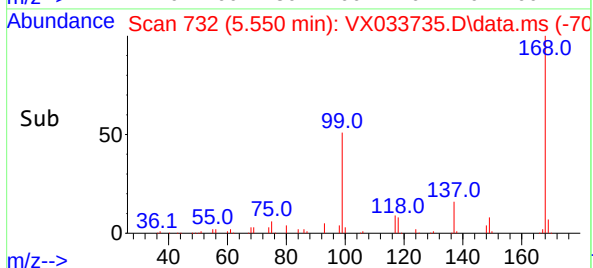
Tgt Ion:113 Resp: 76794
Ion Ratio Lower Upper
113 100
111 101.3 83.0 124.6
192 23.1 19.0 28.4

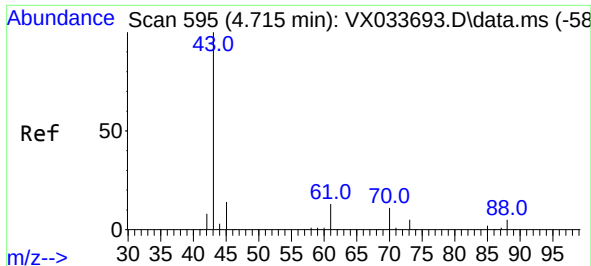


#36
1,1-Dichloropropene
Concen: 4.867 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX033735.D
Acq: 13 Jan 2023 20:10



Tgt Ion: 75 Resp: 11022
Ion Ratio Lower Upper
75 100
110 9.2 18.8 56.4#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 8.808 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

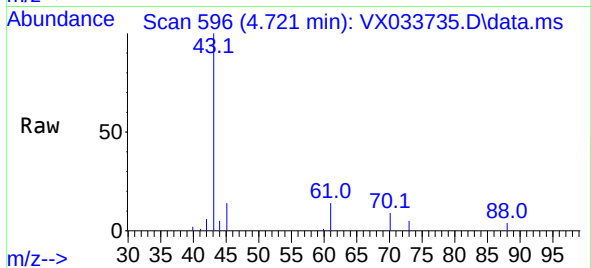
Lab File: VX033735.D

Acq: 13 Jan 2023 20:10

Instrument :

MSVOA_X

ClientSampleId :



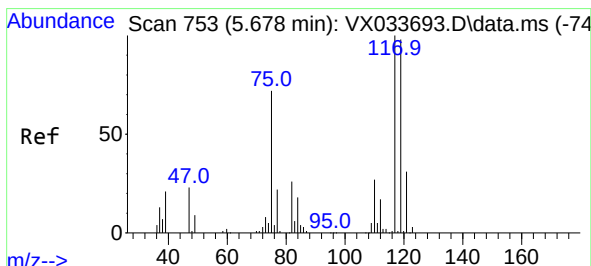
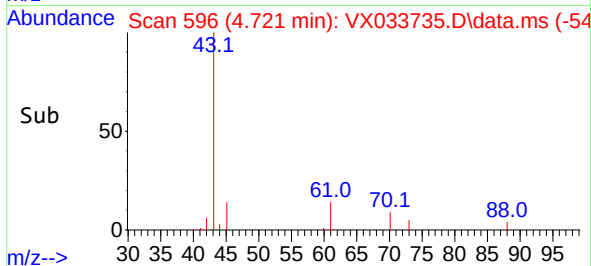
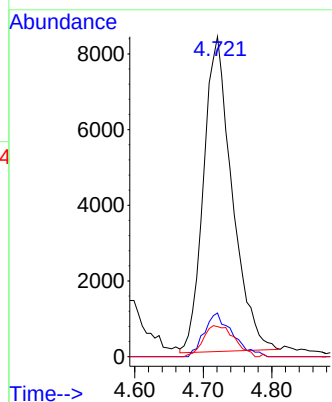
Tgt Ion: 43 Resp: 24119

Ion Ratio Lower Upper

43 100

61 13.8 11.1 16.7

70 10.7 8.5 12.7



#38

Carbon Tetrachloride

Concen: 6.383 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX033735.D

Acq: 13 Jan 2023 20:10

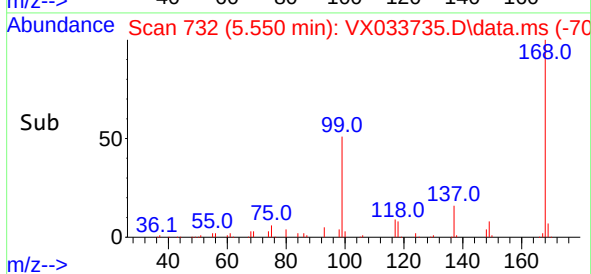
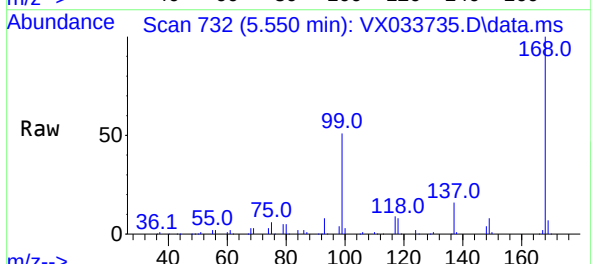
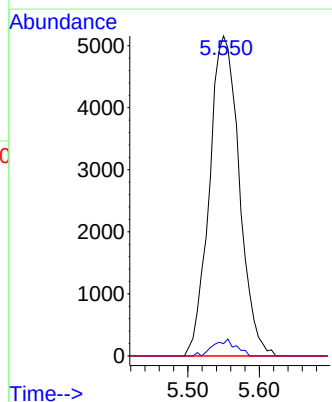
Tgt Ion: 117 Resp: 14970

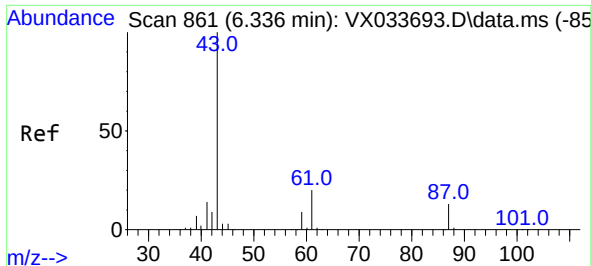
Ion Ratio Lower Upper

117 100

119 3.9 78.0 117.0#

121 0.0 24.4 36.6#

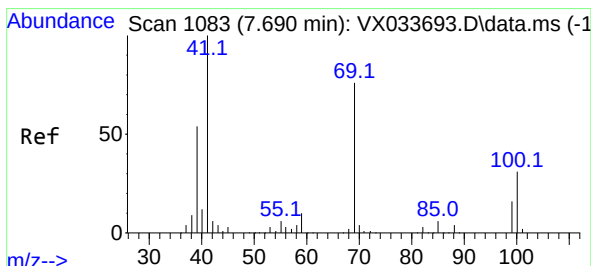
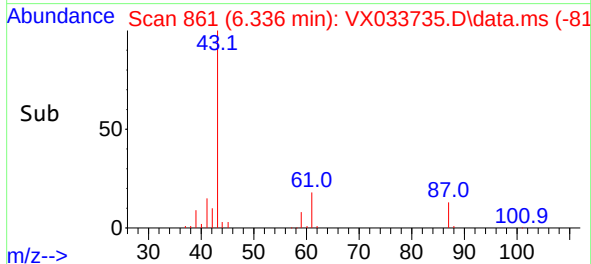
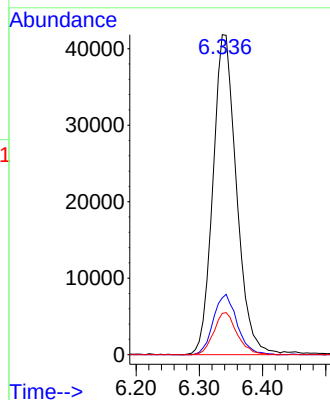
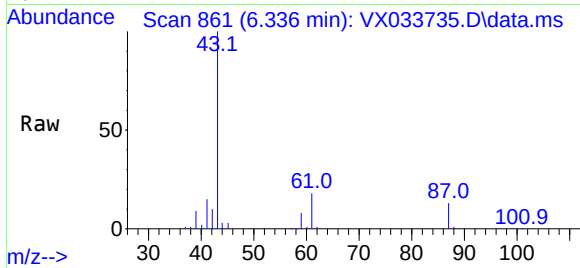




#43
Isopropyl Acetate
Concen: 30.257 ug/l
RT: 6.336 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX033735.D
Acq: 13 Jan 2023 20:10

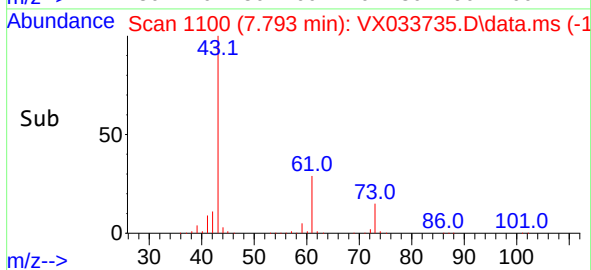
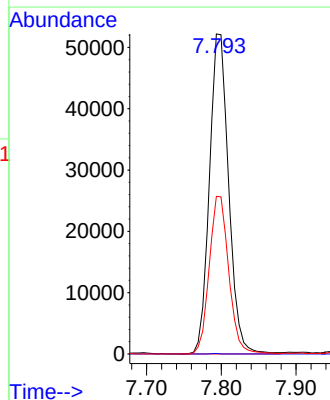
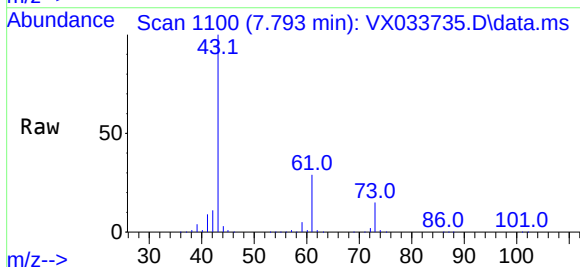
Instrument :
MSVOA_X
ClientSampleId :

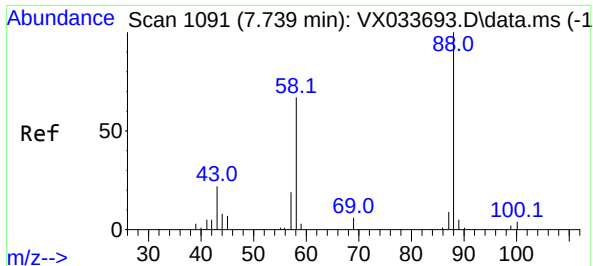
Tgt Ion: 43 Resp: 108170
Ion Ratio Lower Upper
43 100
61 19.0 15.7 23.5
87 13.0 10.6 15.8



#48
Methyl methacrylate
Concen: 51.810 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX033735.D
Acq: 13 Jan 2023 20:10

Tgt Ion: 41 Resp: 93304
Ion Ratio Lower Upper
41 100
69 0.1 63.1 94.7#
39 50.1 43.2 64.8





#49

1,4-Dioxane

Concen: 5.272 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.061 min

Lab File: VX033735.D

Acq: 13 Jan 2023 20:10

Instrument :

MSVOA_X

ClientSampleId :

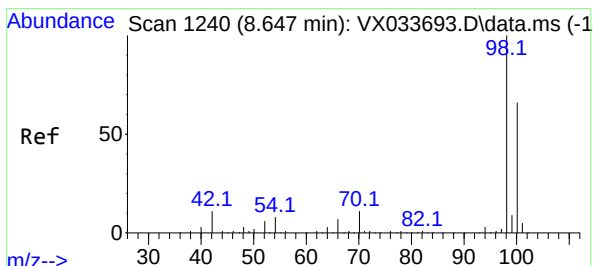
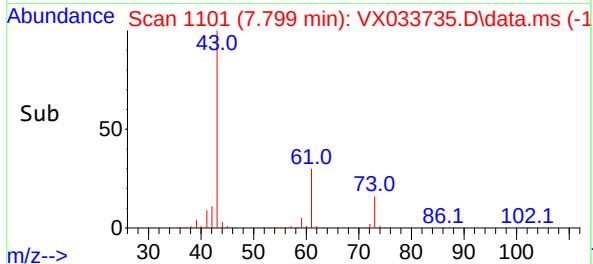
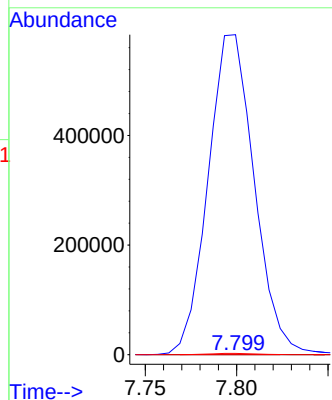
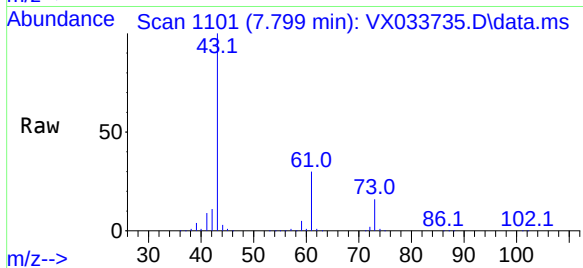
Tgt Ion: 88 Resp: 210

Ion Ratio Lower Upper

88 100

43 493112.9 0.0 0.0#

58 1999.5 56.5 84.7#



#50

Toluene-d8

Concen: 52.193 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX033735.D

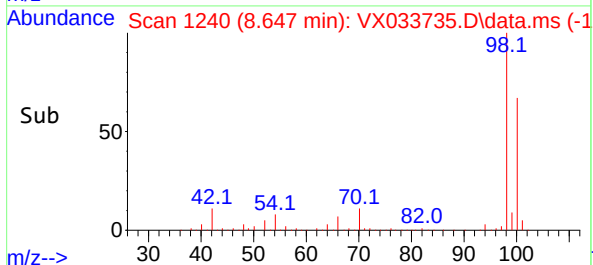
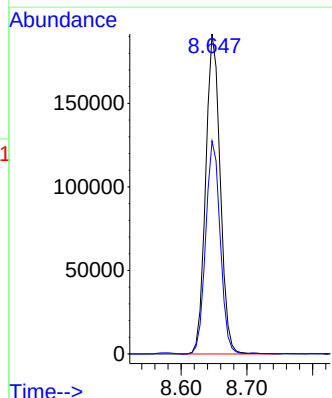
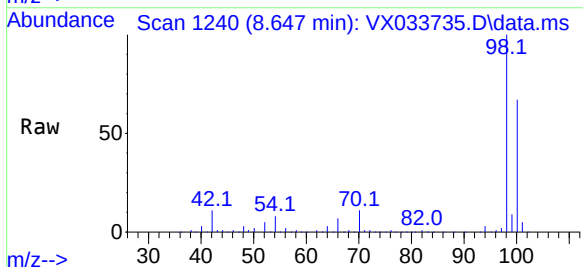
Acq: 13 Jan 2023 20:10

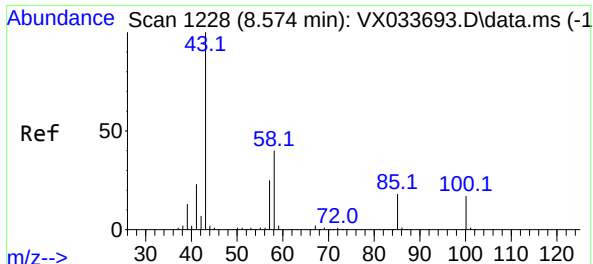
Tgt Ion: 98 Resp: 295069

Ion Ratio Lower Upper

98 100

100 66.3 53.6 80.4

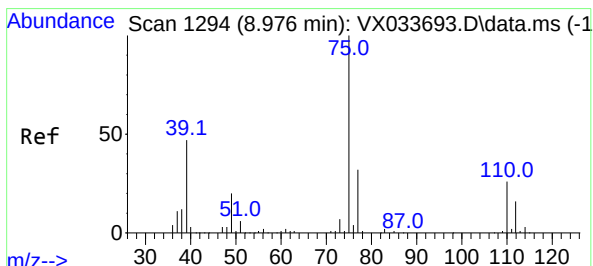
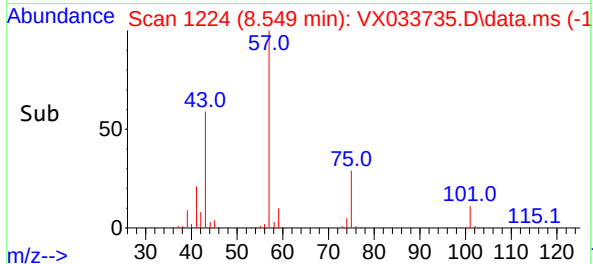
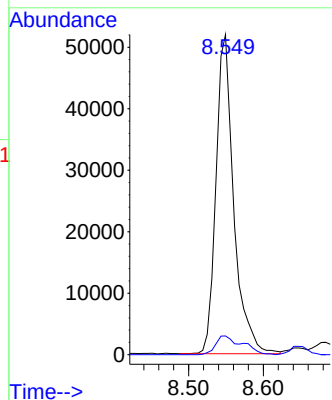
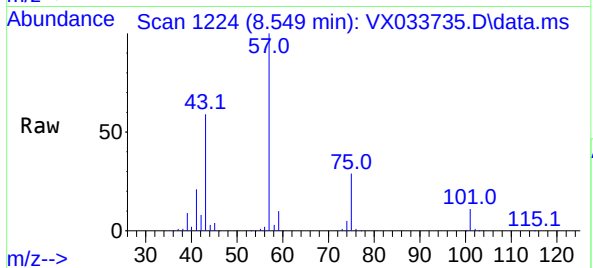




#51
4-Methyl-2-Pentanone
Concen: 39.041 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX033735.D
Acq: 13 Jan 2023 20:10

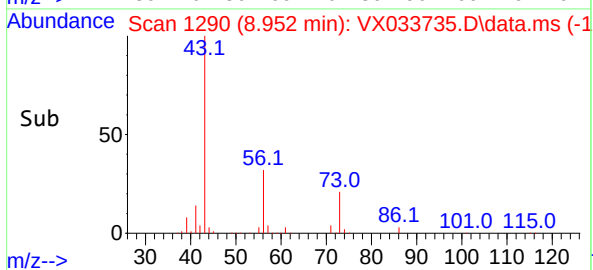
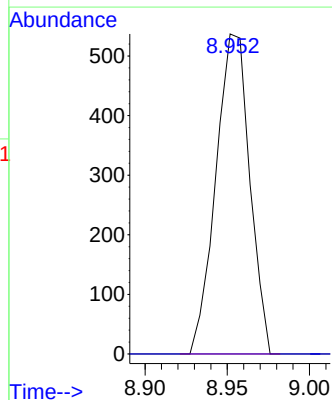
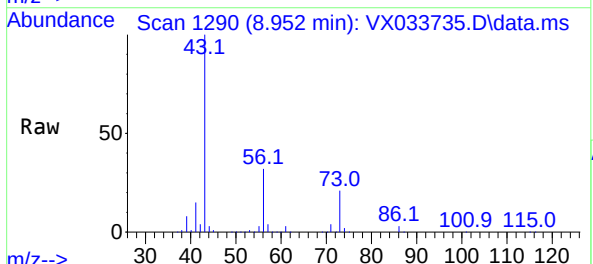
Instrument :
MSVOA_X
ClientSampleId :

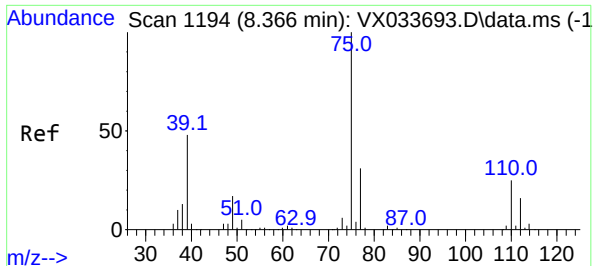
Tgt Ion: 43 Resp: 85719
Ion Ratio Lower Upper
43 100
58 8.9 31.2 46.8#



#53
t-1,3-Dichloropropene
Concen: 0.345 ug/l
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX033735.D
Acq: 13 Jan 2023 20:10

Tgt Ion: 75 Resp: 769
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#

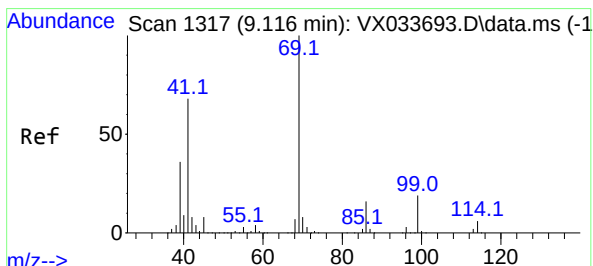
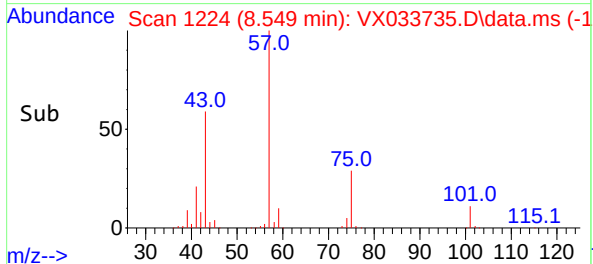
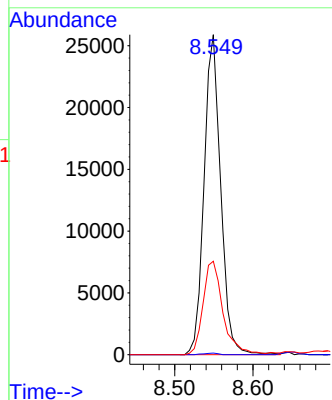
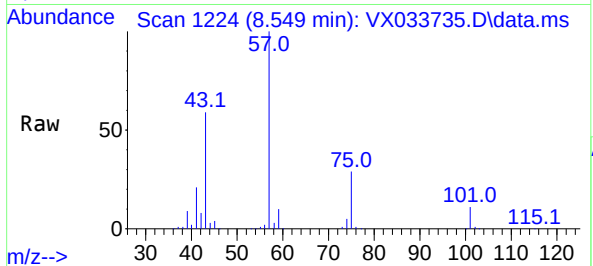




#54
 cis-1,3-Dichloropropene
 Concen: 15.278 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX033735.D
 Acq: 13 Jan 2023 20:10

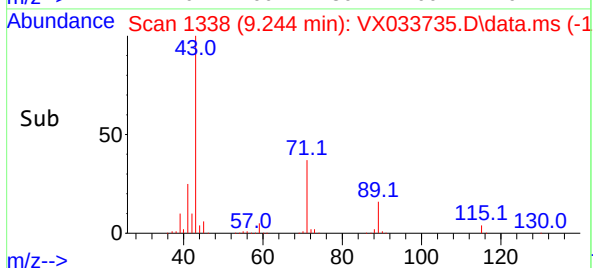
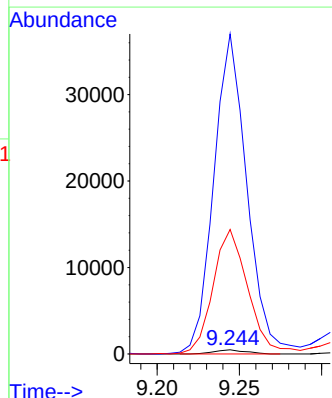
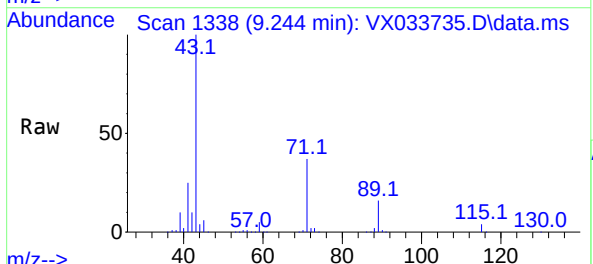
Instrument :
 MSVOA_X
 ClientSampleId :

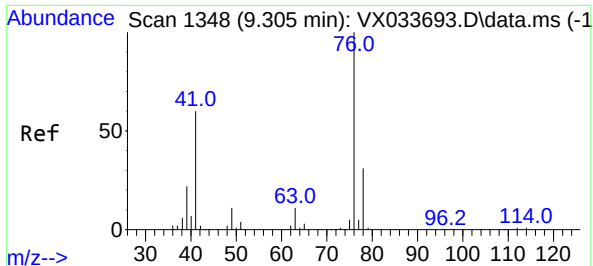
Tgt Ion: 75 Resp: 38106
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.0 37.6#
 39 29.2 38.6 58.0#



#56
 Ethyl methacrylate
 Concen: 0.269 ug/l
 RT: 9.244 min Scan# 1338
 Delta R.T. 0.128 min
 Lab File: VX033735.D
 Acq: 13 Jan 2023 20:10

Tgt Ion: 69 Resp: 638
 Ion Ratio Lower Upper
 69 100
 41 8176.0 55.1 82.7#
 39 3343.1 28.5 42.7#

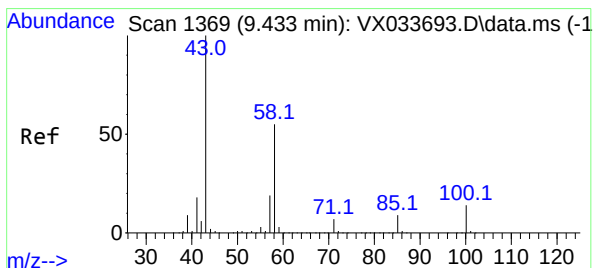
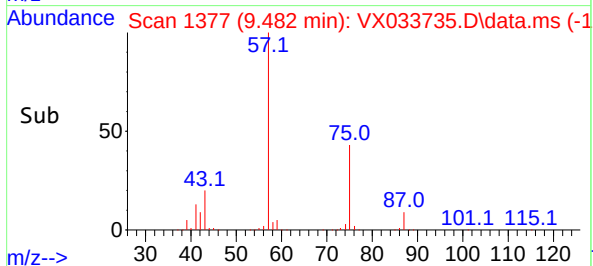
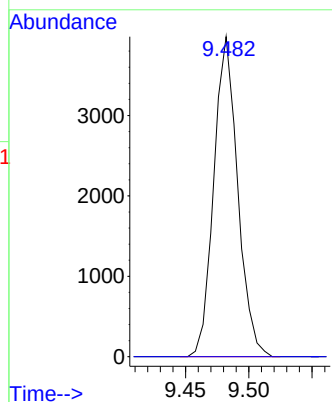
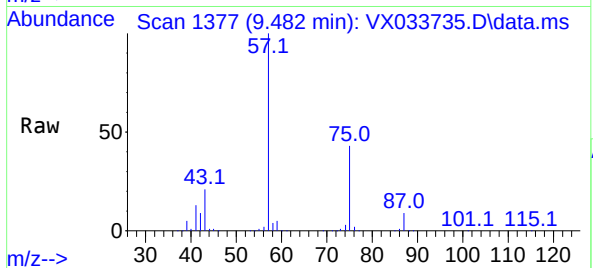




#57
1,3-Dichloropropane
Concen: 1.909 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX033735.D
Acq: 13 Jan 2023 20:10

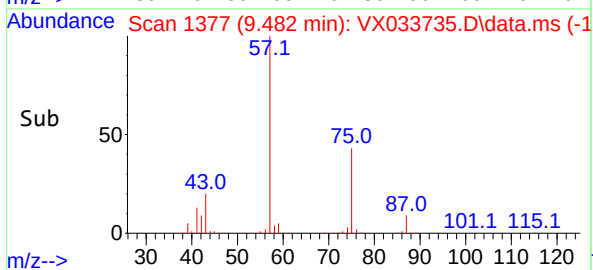
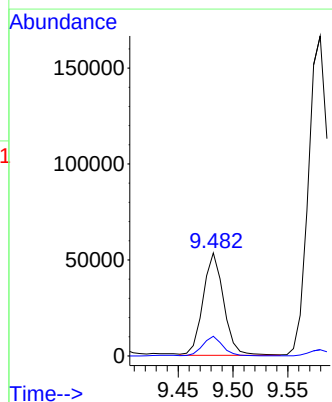
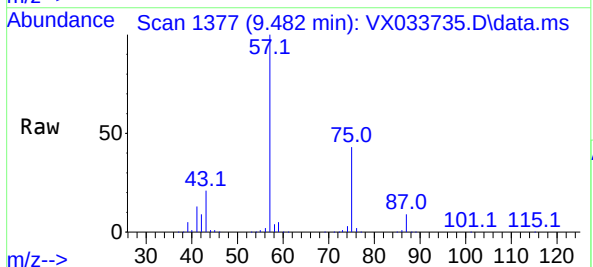
Instrument :
MSVOA_X
ClientSampleId :

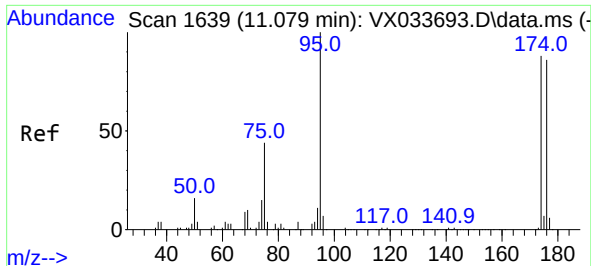
Tgt Ion: 76 Resp: 5224
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#



#59
2-Hexanone
Concen: 45.754 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX033735.D
Acq: 13 Jan 2023 20:10

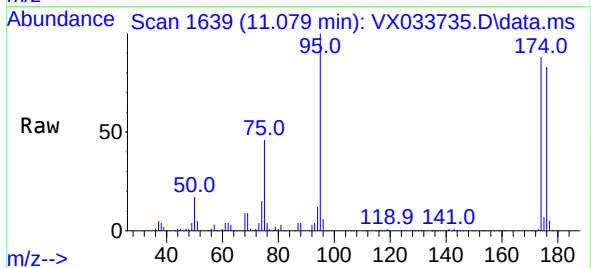
Tgt Ion: 43 Resp: 69920
Ion Ratio Lower Upper
43 100
58 18.8 27.4 82.0#



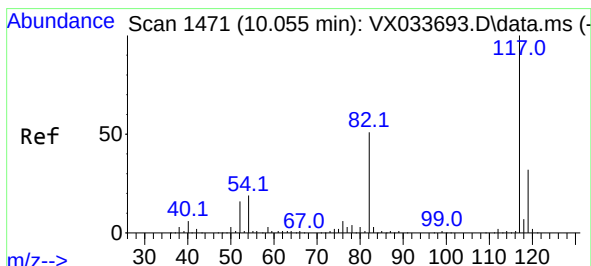
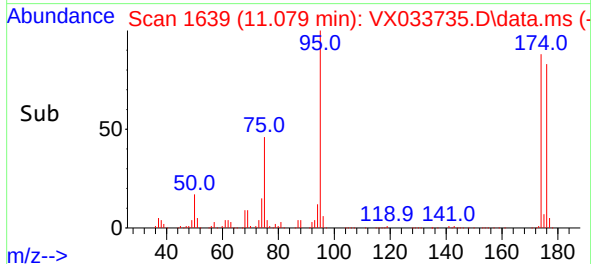
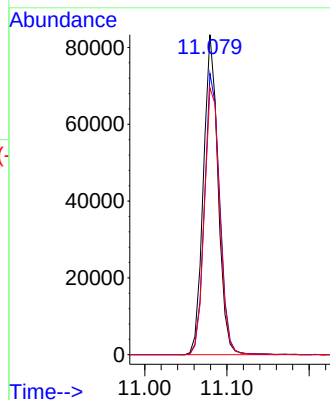


#62
4-Bromofluorobenzene
Concen: 49.205 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033735.D
Acq: 13 Jan 2023 20:10

Instrument :
MSVOA_X
ClientSampleId :

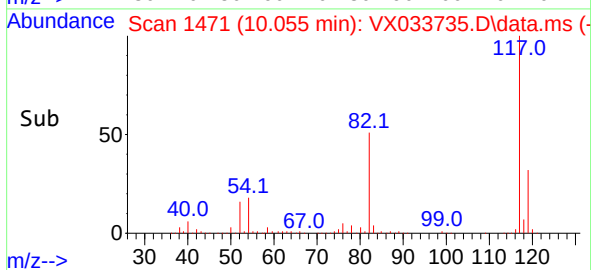
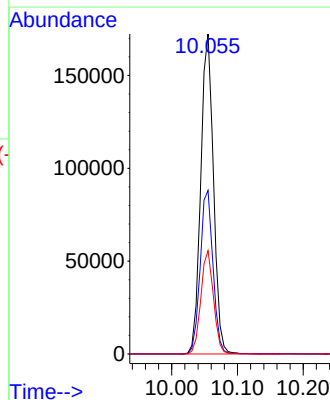
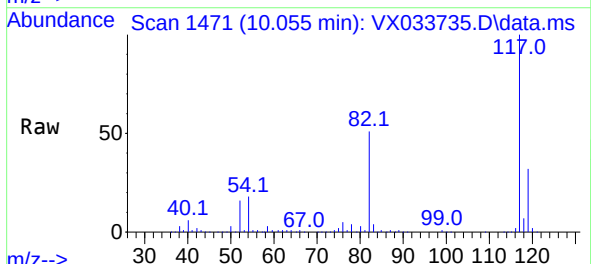


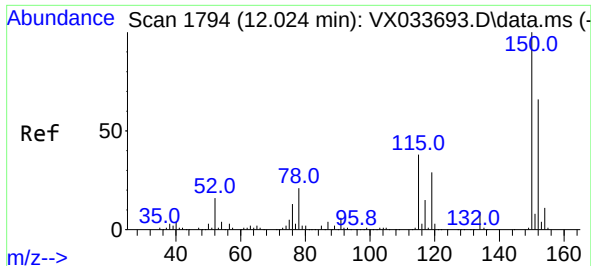
Tgt Ion: 95 Resp: 103283
Ion Ratio Lower Upper
95 100
174 91.4 0.0 184.4
176 87.8 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033735.D
Acq: 13 Jan 2023 20:10

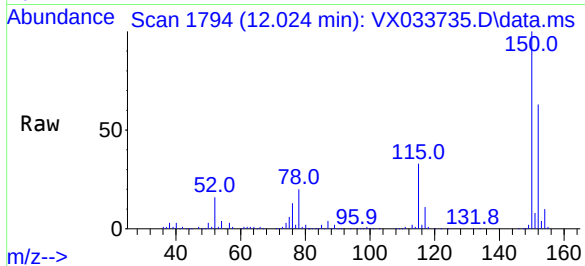
Tgt Ion: 117 Resp: 231587
Ion Ratio Lower Upper
117 100
82 51.1 40.6 60.8
119 32.3 25.6 38.4



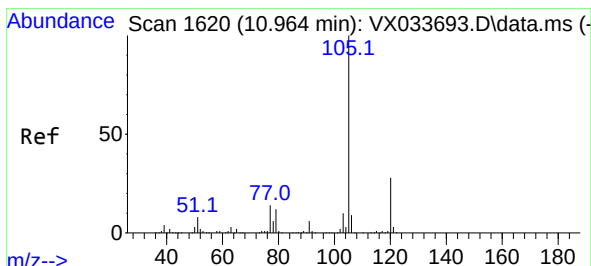
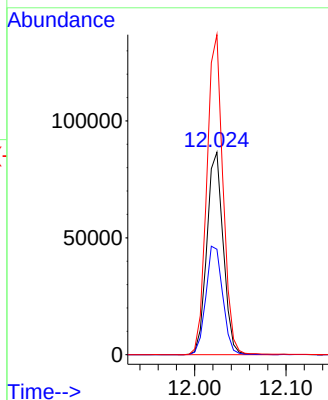
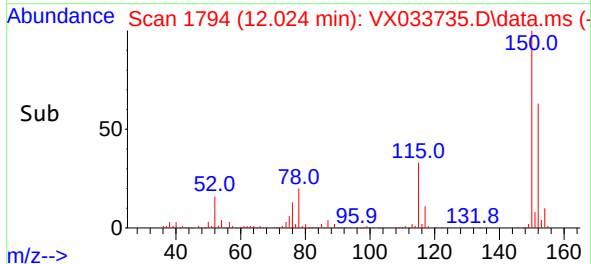


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033735.D
Acq: 13 Jan 2023 20:10

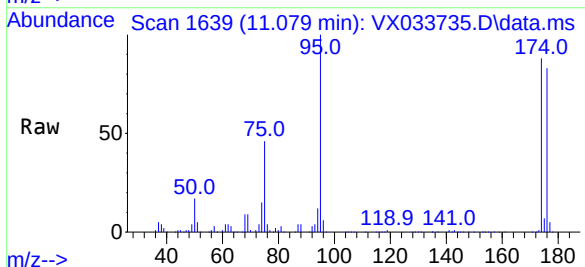
Instrument :
MSVOA_X
ClientSampleId :



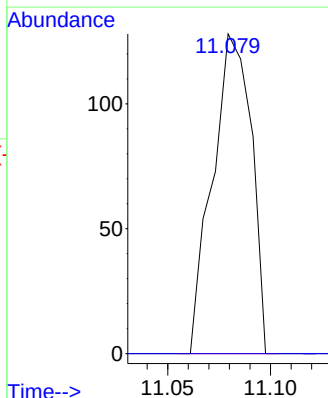
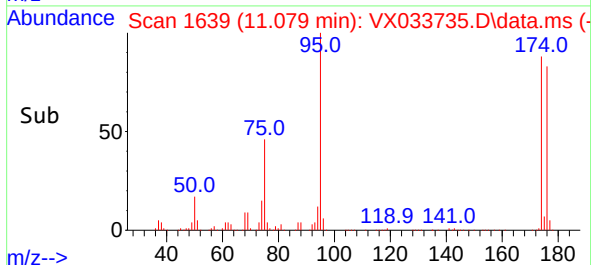
Tgt Ion:152 Resp: 107873
Ion Ratio Lower Upper
152 100
115 55.2 38.7 116.1
150 156.0 0.0 348.2

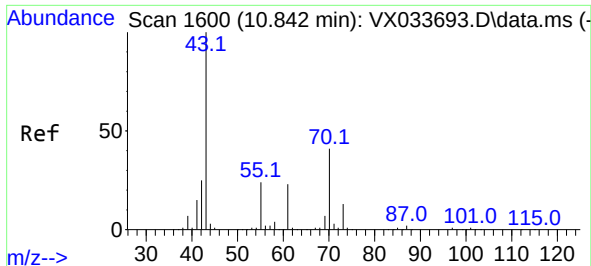


#73
Isopropylbenzene
Concen: Below Cal
RT: 11.079 min Scan# 1639
Delta R.T. 0.115 min
Lab File: VX033735.D
Acq: 13 Jan 2023 20:10



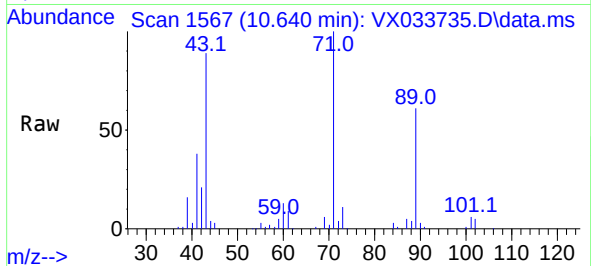
Tgt Ion:105 Resp: 168
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#



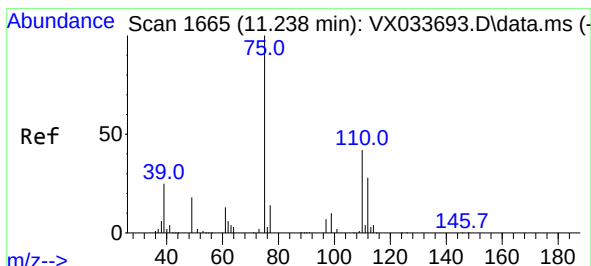
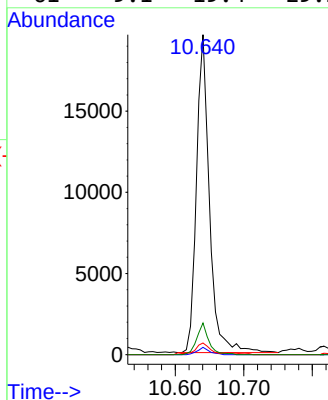
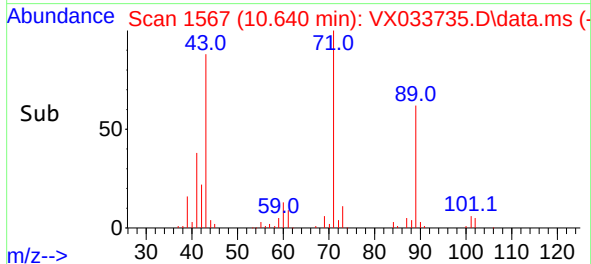


#74
N-amy1 acetate
Concen: 9.125 ug/l
RT: 10.640 min Scan# 1639
Delta R.T. -0.201 min
Lab File: VX033735.D
Acq: 13 Jan 2023 20:10

Instrument :
MSVOA_X
ClientSampleId :

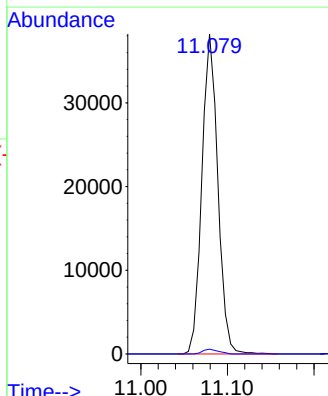
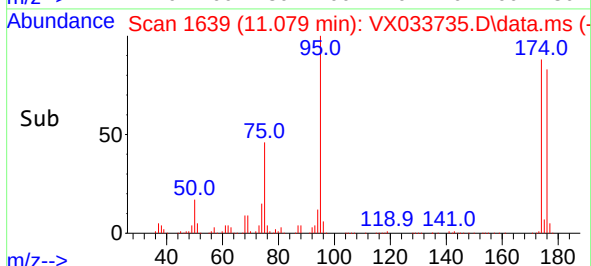
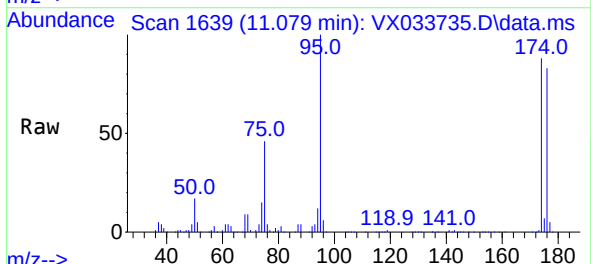


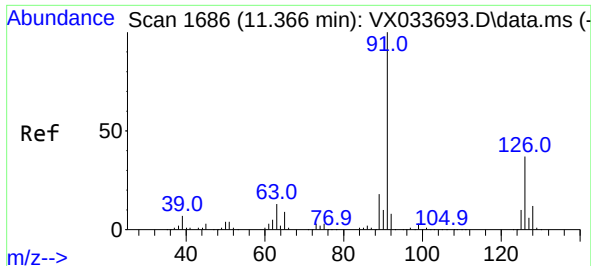
Tgt Ion:	43	Resp:	25849
Ion	Ratio	Lower	Upper
43	100		
70	2.1	34.8	52.2#
55	4.3	19.4	29.0#
61	9.1	19.4	29.2#



#76
1,2,3-Trichloropropane
Concen: 24.657 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033735.D
Acq: 13 Jan 2023 20:10

Tgt Ion:	75	Resp:	48871
Ion	Ratio	Lower	Upper
75	100		
77	1.5	21.8	65.4#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 11.311 min Scan# 1677

Delta R.T. -0.055 min

Lab File: VX033735.D

Acq: 13 Jan 2023 20:10

Instrument :

MSVOA_X

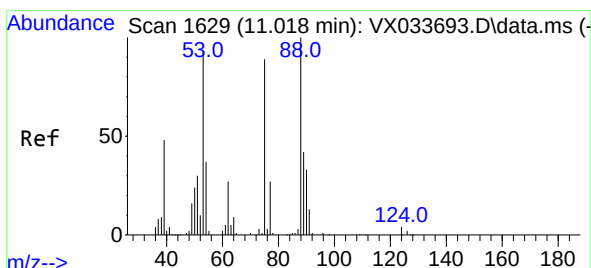
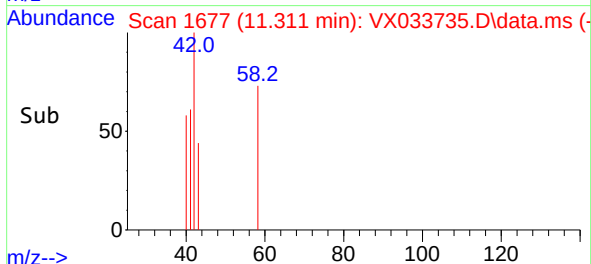
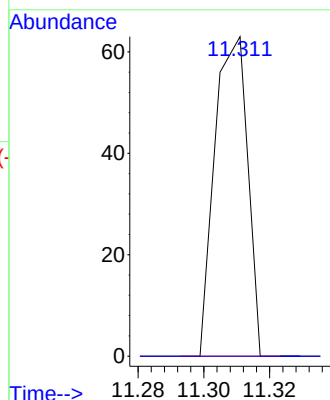
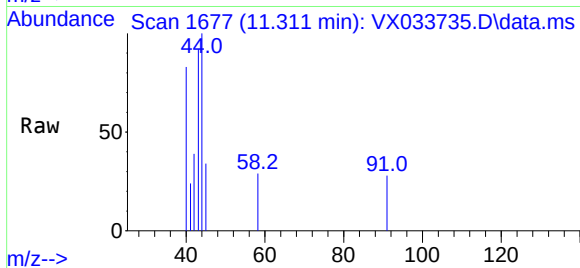
ClientSampleId :

Tgt Ion: 91 Resp: 44

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 76.632 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX033735.D

Acq: 13 Jan 2023 20:10

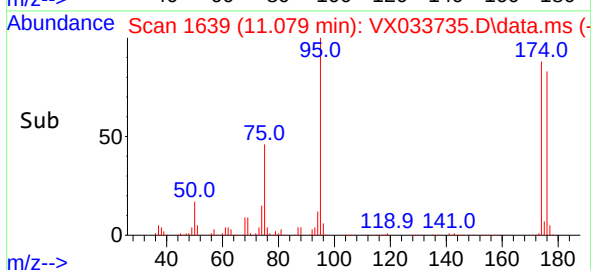
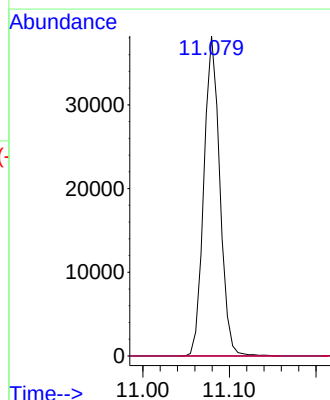
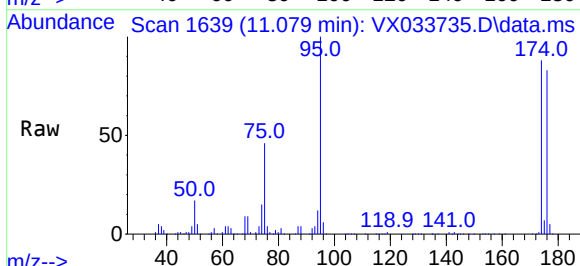
Tgt Ion: 75 Resp: 48871

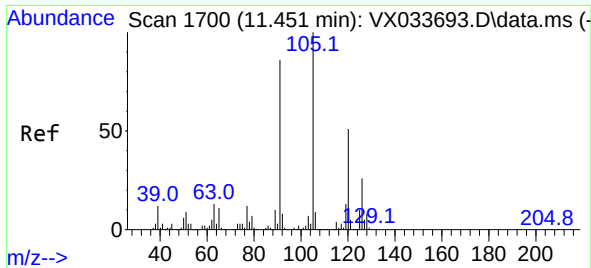
Ion Ratio Lower Upper

75 100

53 0.0 83.0 124.6#

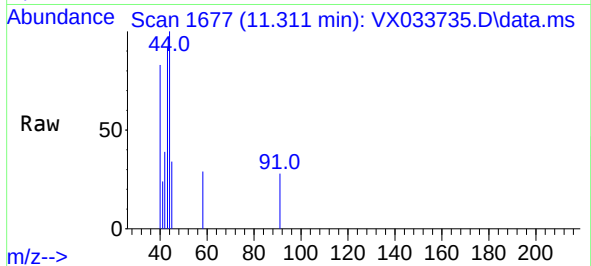
89 0.0 37.7 56.5#





#82
4-Chlorotoluene
Concen: Below Cal
RT: 11.311 min Scan# 10
Delta R.T. -0.140 min
Lab File: VX033735.D
Acq: 13 Jan 2023 20:10

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 91 Resp: 44
Ion Ratio Lower Upper
91 100
126 0.0 15.8 47.4#

