

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011923\
 Data File : VX033788.D
 Acq On : 19 Jan 2023 10:06
 Operator : JC/MD
 Sample : VX0119MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 20 05:17:48 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)

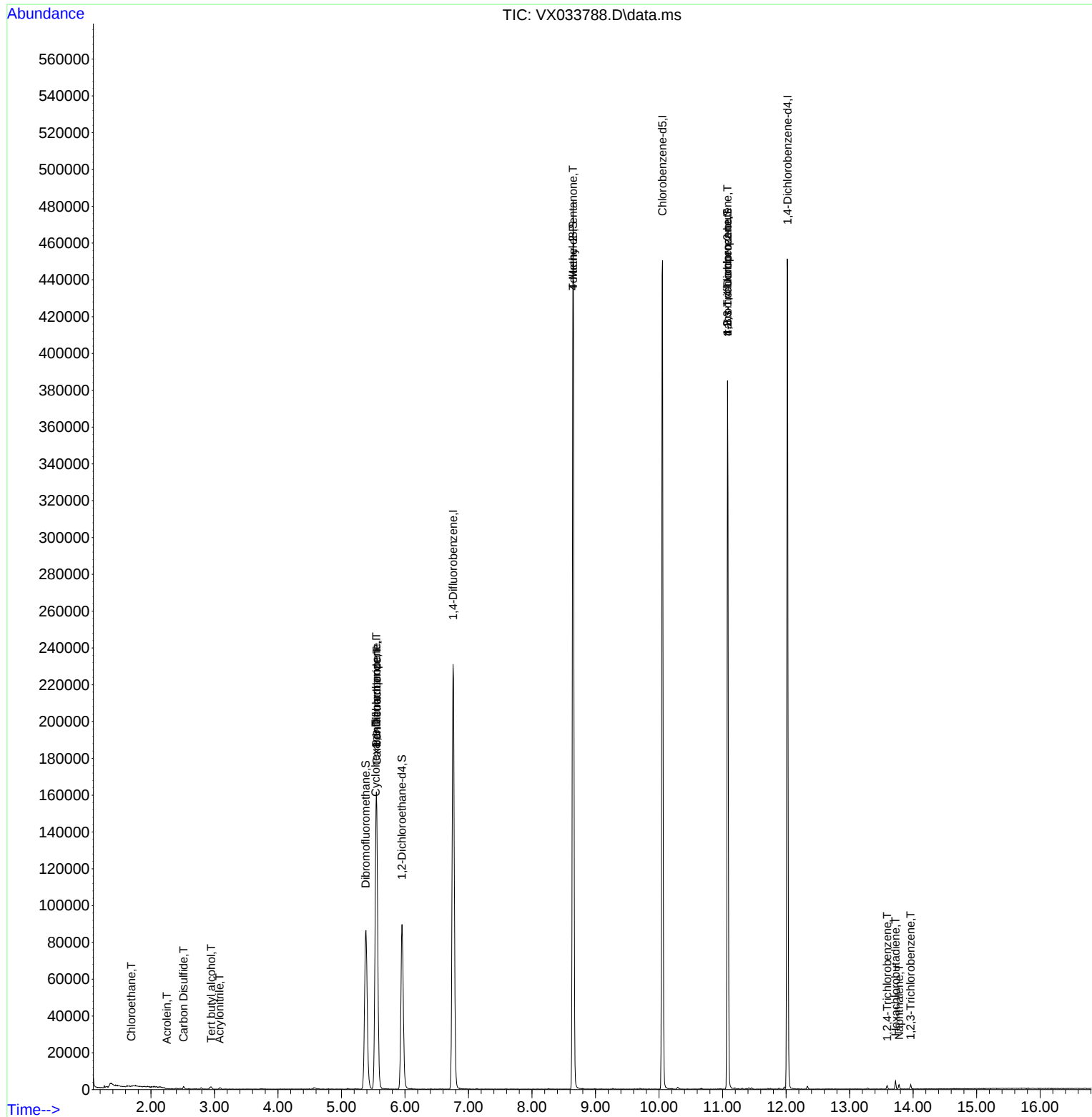
Internal Standards						
1) Pentafluorobenzene	5.550	168	177453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	254355	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222432	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105968	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84156	45.041	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.080%		
35) Dibromofluoromethane	5.379	113	76268	48.289	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.580%		
50) Toluene-d8	8.647	98	286254	49.743	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.480%		
62) 4-Bromofluorobenzene	11.079	95	99508	46.574	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.140%		
Target Compounds					Qvalue	
6) Chloroethane	1.691	64	223	0.240	ug/l #	42
11) Tert butyl alcohol	2.947	59	935	2.881	ug/l #	86
13) Acrolein	2.252	56	70	0.234	ug/l #	14
15) Acrylonitrile	3.081	53	345	0.404	ug/l #	81
16) Acetone	2.404	43	569	Below Cal		99
17) Carbon Disulfide	2.514	76	1738	2.281	ug/l #	94
20) Methylene Chloride	2.794	84	357	Below Cal	#	67
31) Cyclohexane	5.538	56	2754	1.002	ug/l #	12
36) 1,1-Dichloropropene	5.550	75	10617	4.606	ug/l #	48
37) Ethyl Acetate	4.605	43	41	Below Cal	#	68
38) Carbon Tetrachloride	5.556	117	14831	6.212	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1190	0.532	ug/l #	1
64) Tetrachloroethene	9.275	164	103	Below Cal	#	60
73) Isopropylbenzene	10.964	105	230	Below Cal	#	64
76) 1,2,3-Trichloropropane	11.079	75	46719	23.995	ug/l #	34
77) Bromobenzene	11.201	156	149	Below Cal		84
79) 2-Chlorotoluene	11.457	91	413	Below Cal		79
81) trans-1,4-Dichloro-2-b...	11.079	75	46719	74.575	ug/l #	8
82) 4-Chlorotoluene	11.457	91	413	Below Cal		86
93) 1,2,4-Trichlorobenzene	13.591	180	737	0.317	ug/l	97
94) Hexachlorobutadiene	13.725	225	916	0.803	ug/l	89
95) Naphthalene	13.780	128	1970	0.294	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	822	0.353	ug/l	93

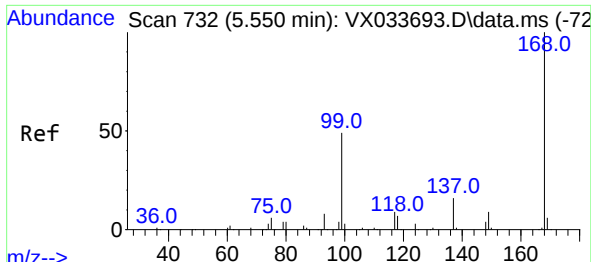
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011923\
Data File : VX033788.D
Acq On : 19 Jan 2023 10:06
Operator : JC/MD
Sample : VX0119MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

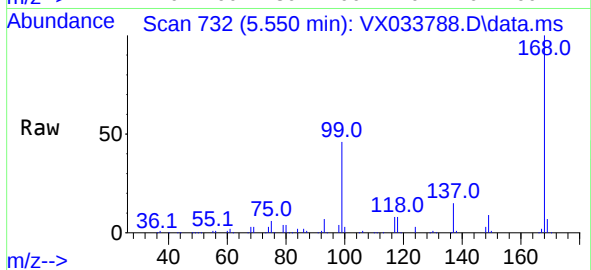
Quant Time: Jan 20 05:17:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration



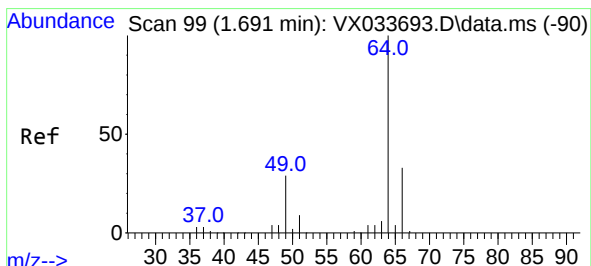
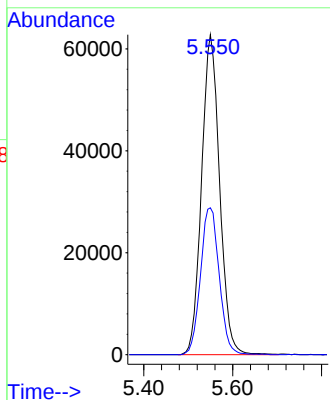
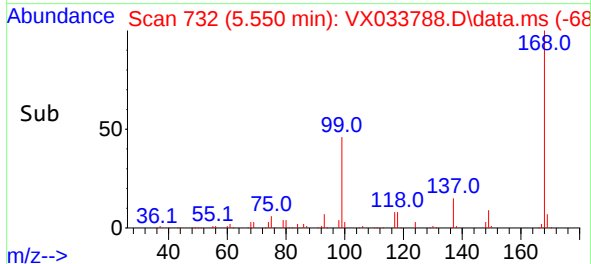


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033788.D
Acq: 19 Jan 2023 10:06

Instrument :
MSVOA_X
ClientSampleId :

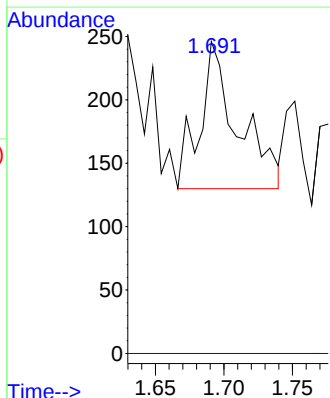
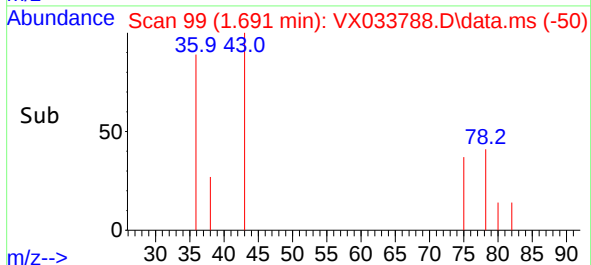
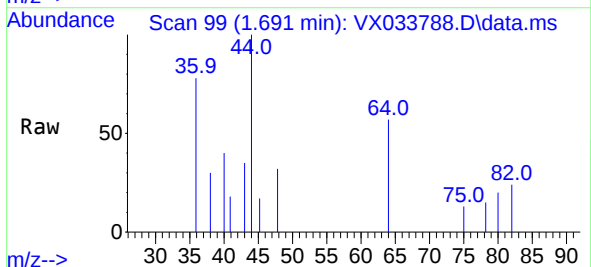


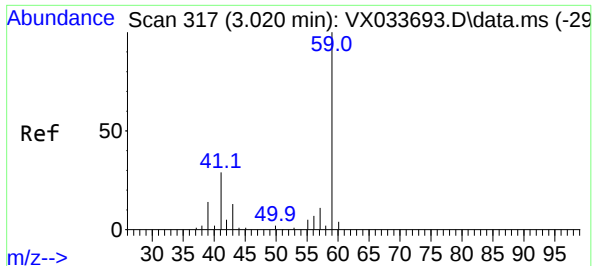
Tgt Ion:168 Resp: 177453
Ion Ratio Lower Upper
168 100
99 45.9 39.6 59.4



#6
Chloroethane
Concen: 0.240 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX033788.D
Acq: 19 Jan 2023 10:06

Tgt Ion: 64 Resp: 223
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#





#11

Tert butyl alcohol

Concen: 2.881 ug/l

RT: 2.947 min Scan# 30

Delta R.T. -0.073 min

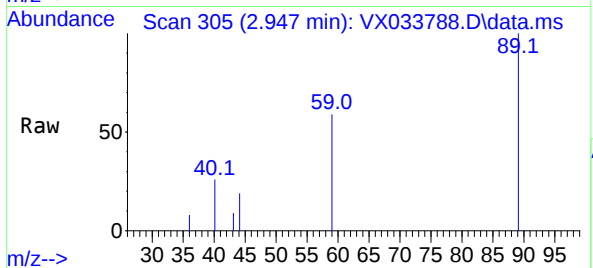
Lab File: VX033788.D

Acq: 19 Jan 2023 10:06

Instrument :

MSVOA_X

ClientSampleId :

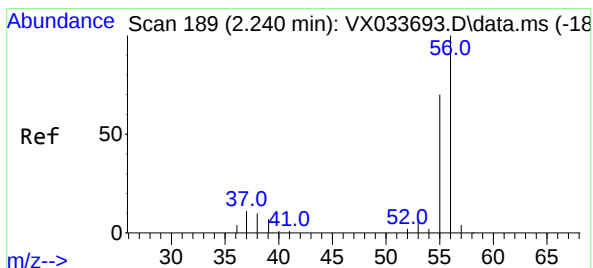
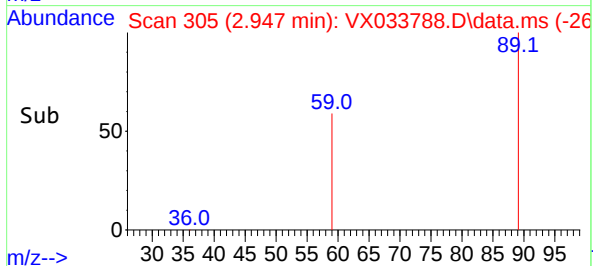
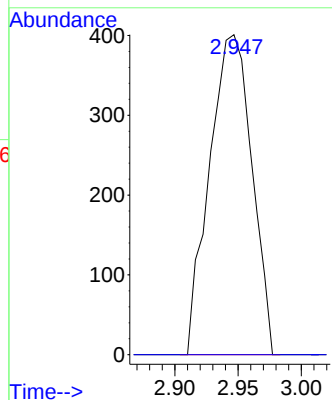


Tgt Ion: 59 Resp: 935

Ion Ratio Lower Upper

59 100

57 0.0 3.7 5.5#



#13

Acrolein

Concen: 0.234 ug/l

RT: 2.252 min Scan# 191

Delta R.T. 0.012 min

Lab File: VX033788.D

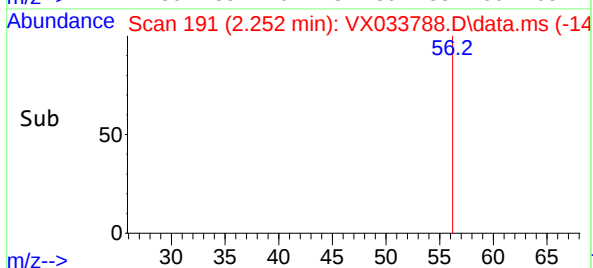
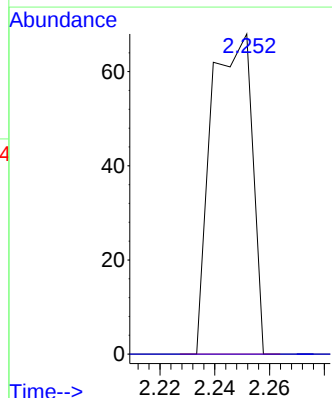
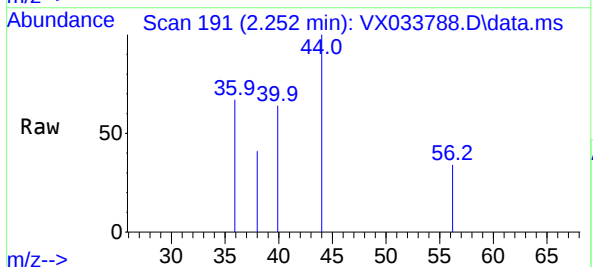
Acq: 19 Jan 2023 10:06

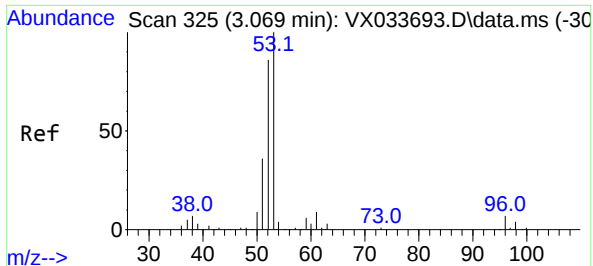
Tgt Ion: 56 Resp: 70

Ion Ratio Lower Upper

56 100

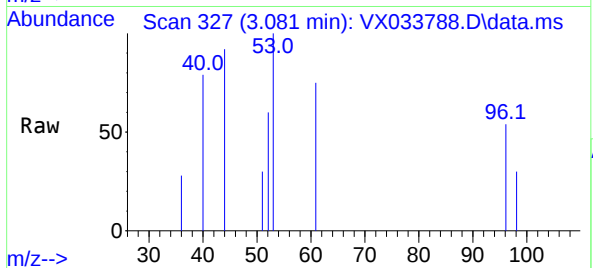
55 0.0 56.3 84.5#



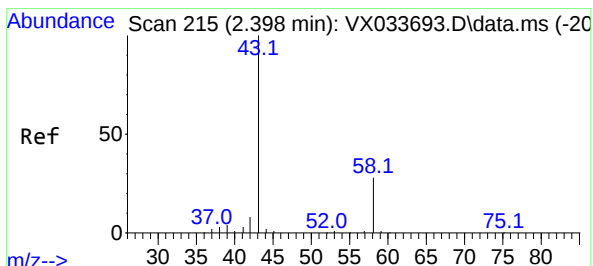
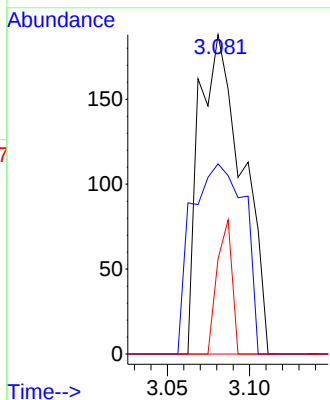
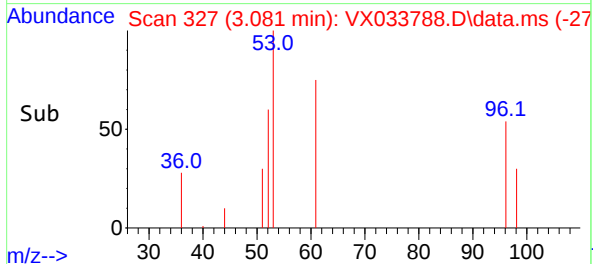


#15
Acrylonitrile
Concen: 0.404 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX033788.D
Acq: 19 Jan 2023 10:06

Instrument :
MSVOA_X
ClientSampleId :

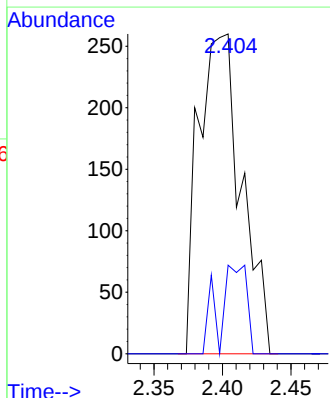
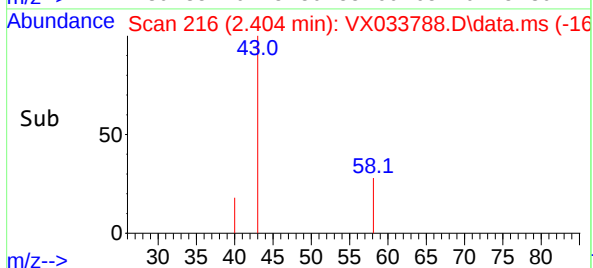
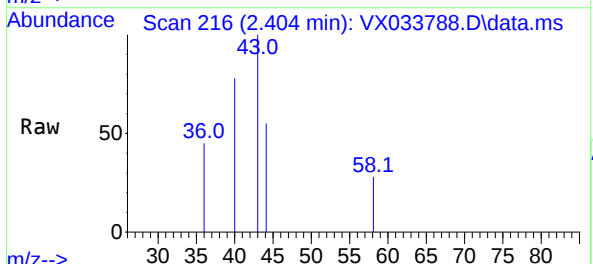


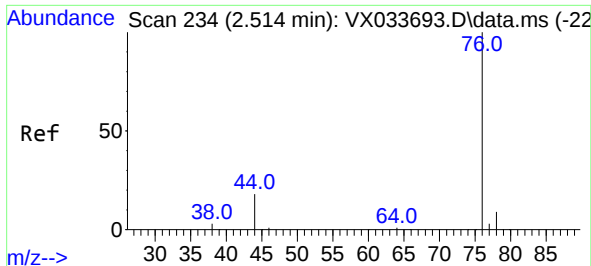
Tgt Ion: 53 Resp: 345
Ion Ratio Lower Upper
53 100
52 72.5 65.7 98.5
51 14.2 29.0 43.4#



#16
Acetone
Concen: Below Cal
RT: 2.404 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX033788.D
Acq: 19 Jan 2023 10:06

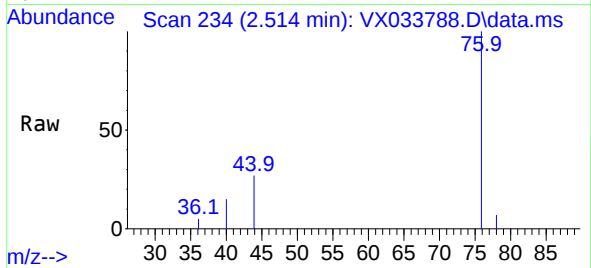
Tgt Ion: 43 Resp: 569
Ion Ratio Lower Upper
43 100
58 27.7 22.6 33.8



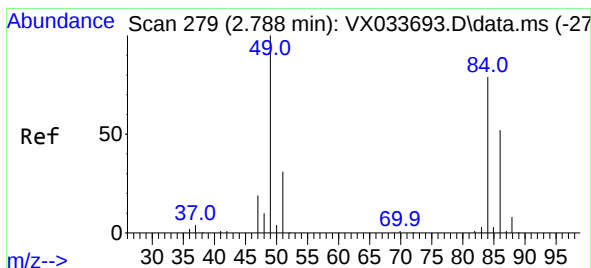
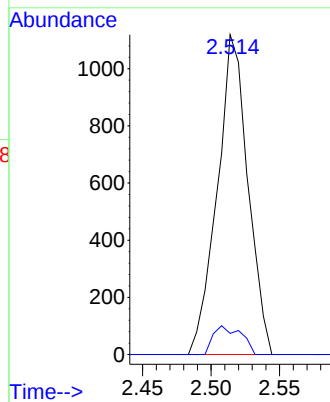
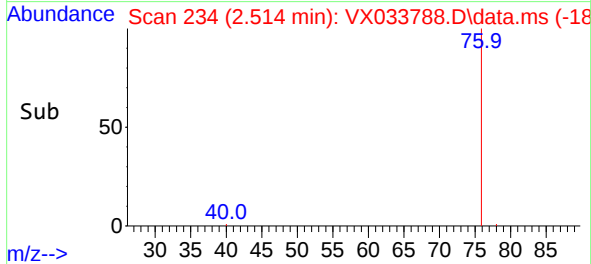


#17
Carbon Disulfide
Concen: 2.281 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033788.D
Acq: 19 Jan 2023 10:06

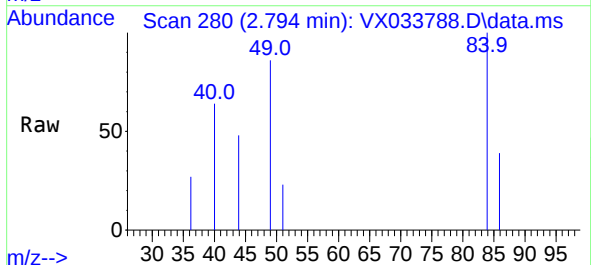
Instrument :
MSVOA_X
ClientSampleId :



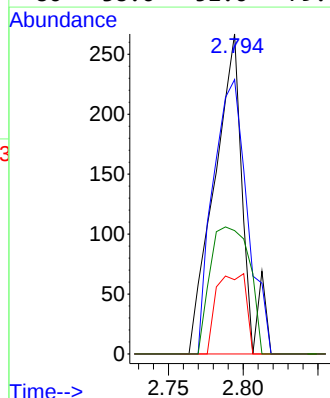
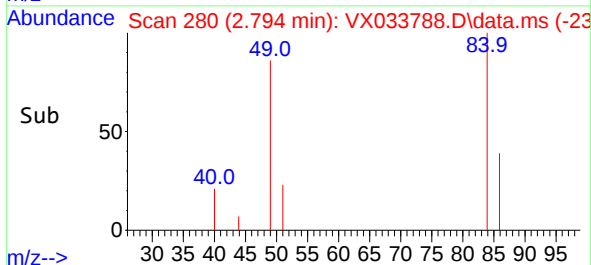
Tgt Ion: 76 Resp: 1738
Ion Ratio Lower Upper
76 100
78 6.6 7.0 10.6#

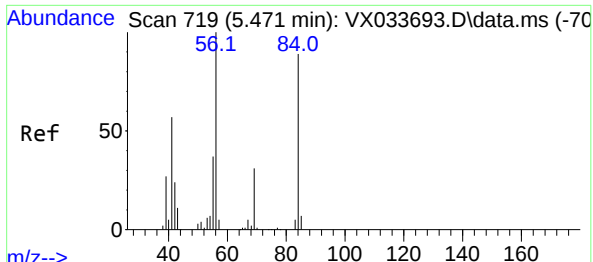


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX033788.D
Acq: 19 Jan 2023 10:06



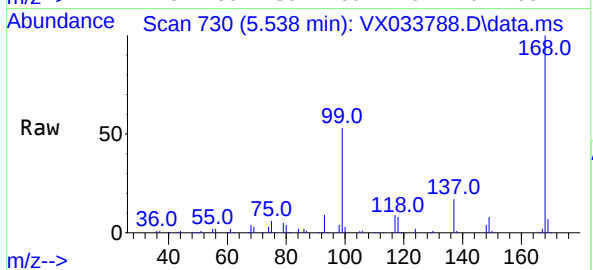
Tgt Ion: 84 Resp: 357
Ion Ratio Lower Upper
84 100
49 85.8 101.1 151.7#
51 23.2 31.0 46.6#
86 38.6 52.6 79.0#



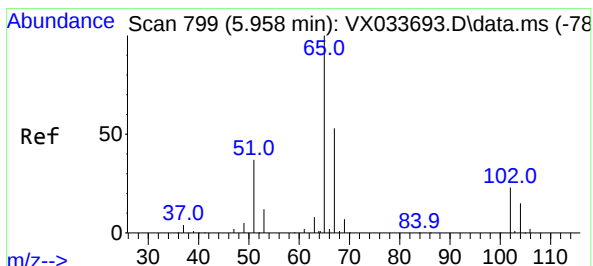
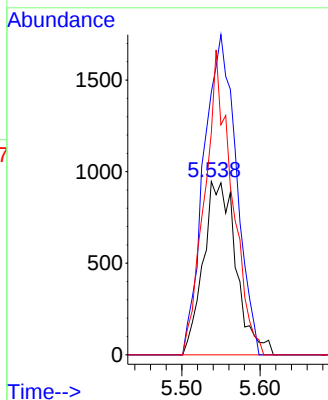
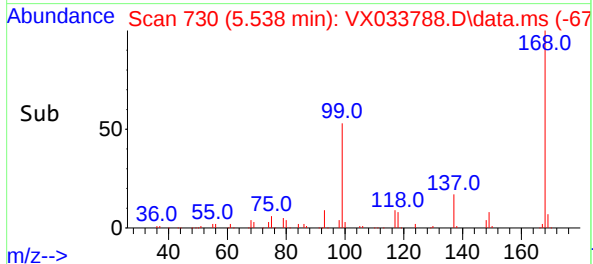


#31
Cyclohexane
Concen: 1.002 ug/l
RT: 5.538 min Scan# 719
Delta R.T. 0.067 min
Lab File: VX033788.D
Acq: 19 Jan 2023 10:06

Instrument :
MSVOA_X
ClientSampleId :

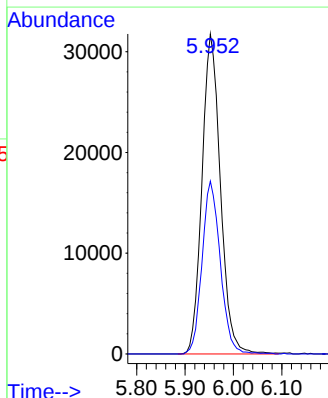
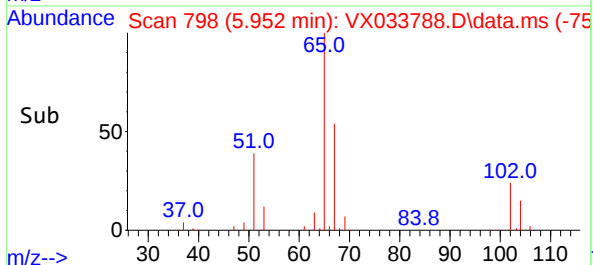
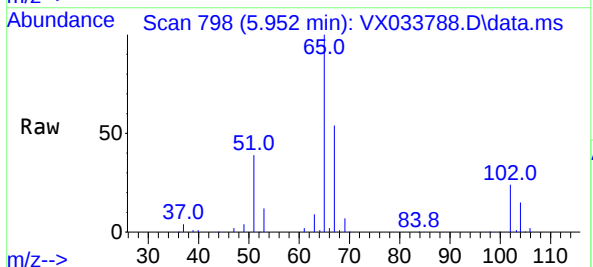


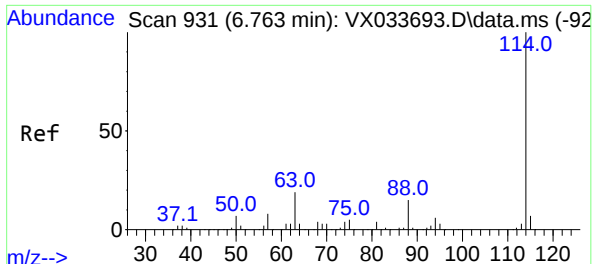
Tgt Ion: 56 Resp: 2754
Ion Ratio Lower Upper
56 100
69 151.6 24.6 37.0#
84 128.1 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 45.041 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033788.D
Acq: 19 Jan 2023 10:06

Tgt Ion: 65 Resp: 84156
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX033788.D

Acq: 19 Jan 2023 10:06

Instrument :

MSVOA_X

ClientSampleId :

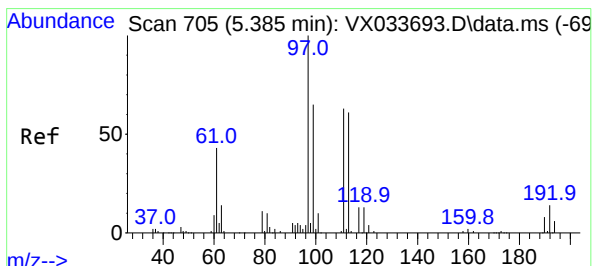
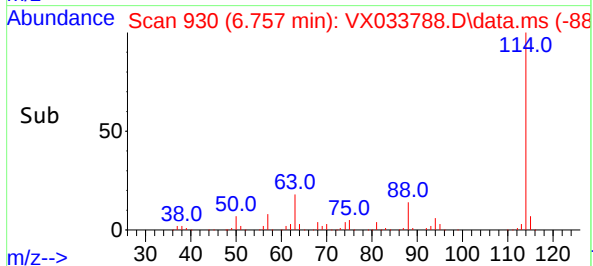
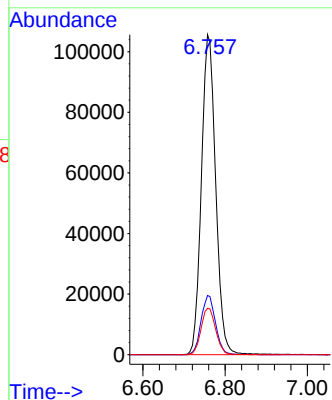
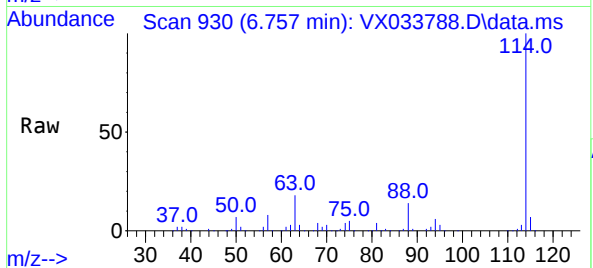
Tgt Ion:114 Resp: 254355

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.289 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX033788.D

Acq: 19 Jan 2023 10:06

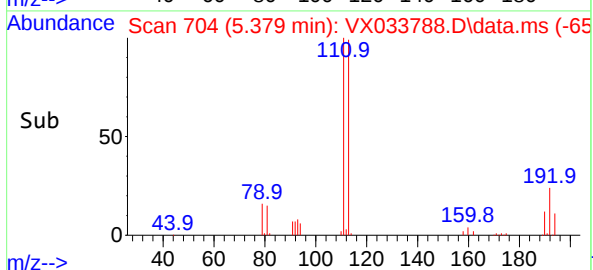
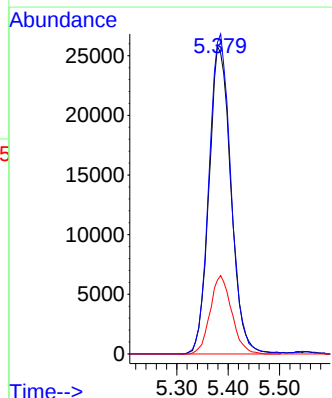
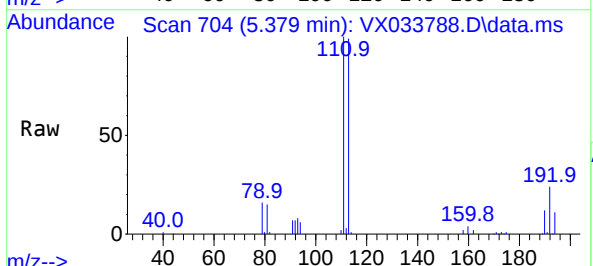
Tgt Ion:113 Resp: 76268

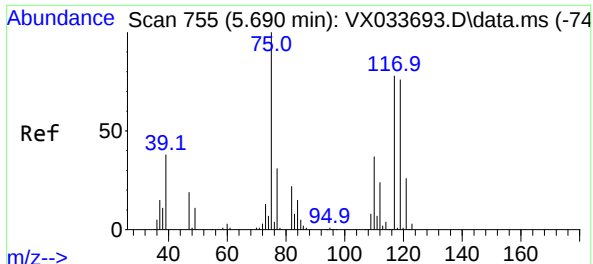
Ion Ratio Lower Upper

113 100

111 103.8 83.0 124.6

192 25.0 19.0 28.4





#36

1,1-Dichloropropene

Concen: 4.606 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX033788.D

Acq: 19 Jan 2023 10:06

Instrument :

MSVOA_X

ClientSampleId :

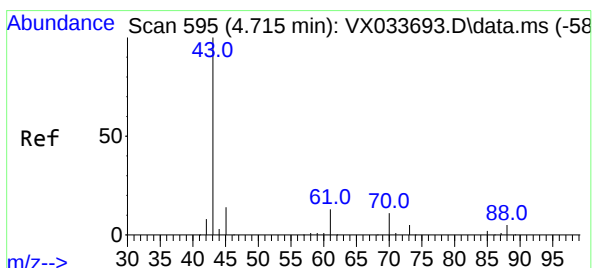
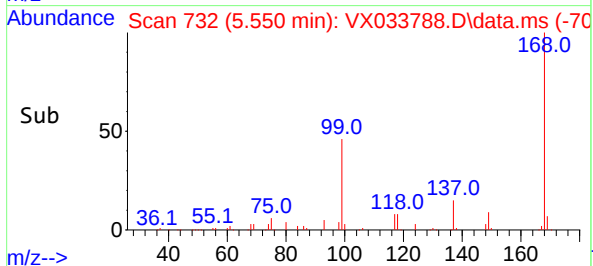
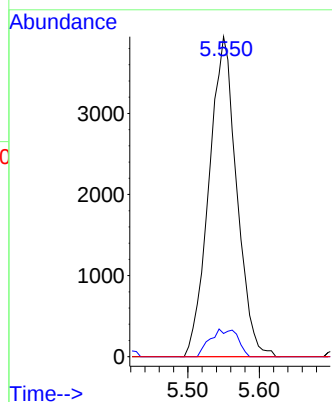
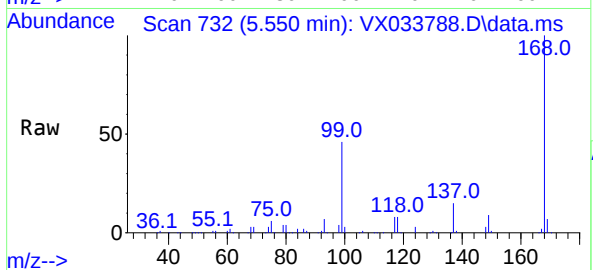
Tgt Ion: 75 Resp: 10617

Ion Ratio Lower Upper

75 100

110 8.6 18.8 56.4#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: Below Cal

RT: 4.605 min Scan# 577

Delta R.T. -0.110 min

Lab File: VX033788.D

Acq: 19 Jan 2023 10:06

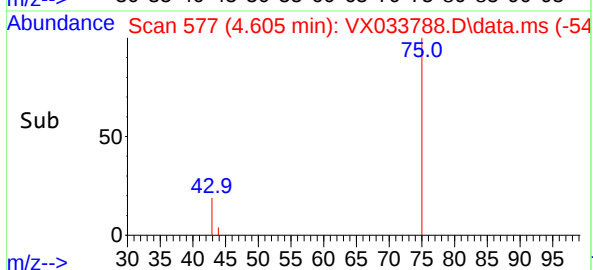
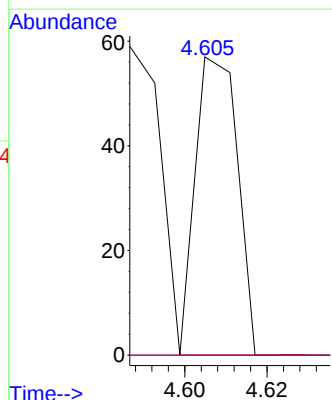
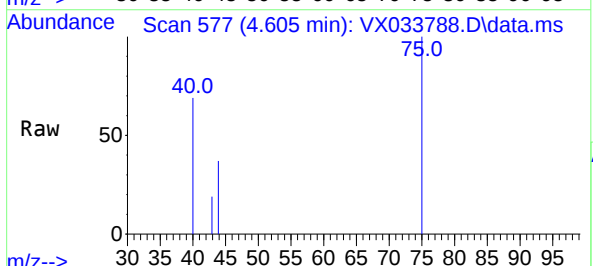
Tgt Ion: 43 Resp: 41

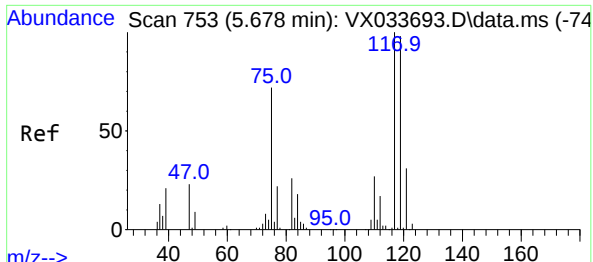
Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

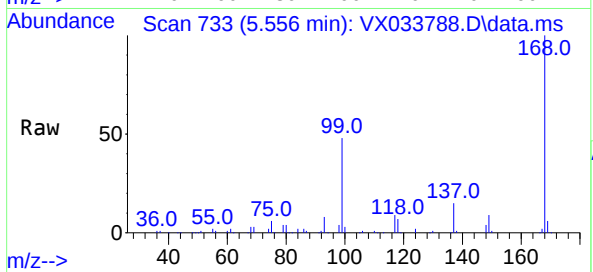
70 0.0 8.5 12.7#



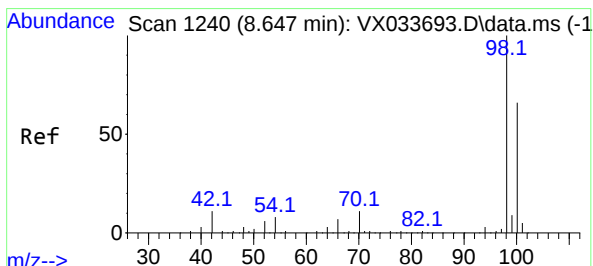
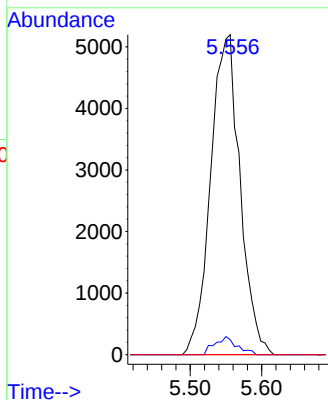
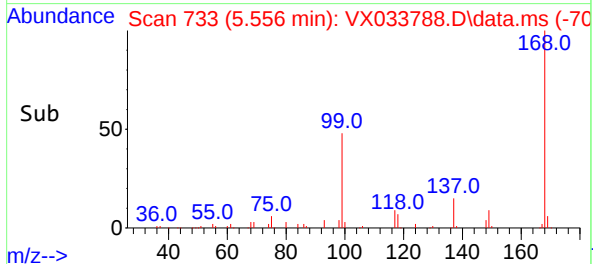


#38
Carbon Tetrachloride
Concen: 6.212 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX033788.D
Acq: 19 Jan 2023 10:06

Instrument :
MSVOA_X
ClientSampleId :

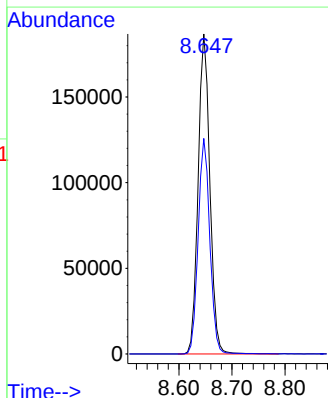
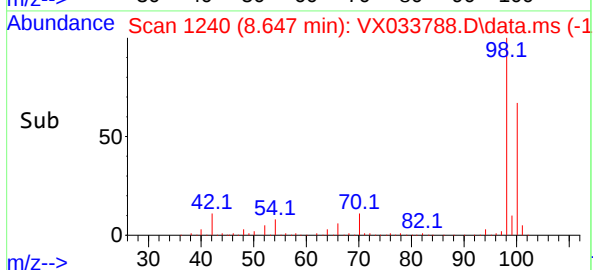
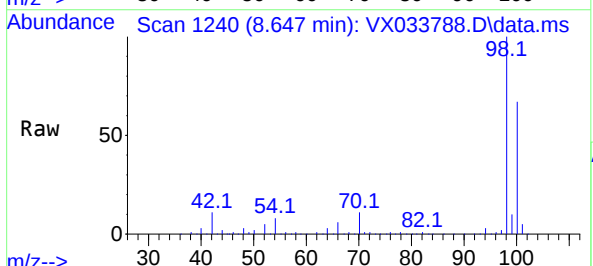


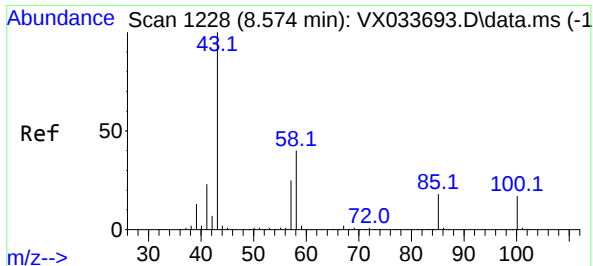
Tgt Ion:117 Resp: 14831
Ion Ratio Lower Upper
117 100
119 4.7 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.743 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033788.D
Acq: 19 Jan 2023 10:06

Tgt Ion: 98 Resp: 286254
Ion Ratio Lower Upper
98 100
100 67.0 53.6 80.4





#51

4-Methyl-2-Pentanone

Concen: 0.532 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX033788.D

Acq: 19 Jan 2023 10:06

Instrument :

MSVOA_X

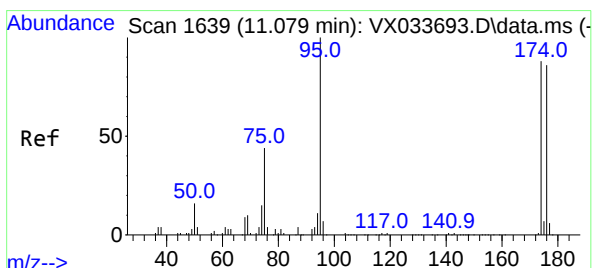
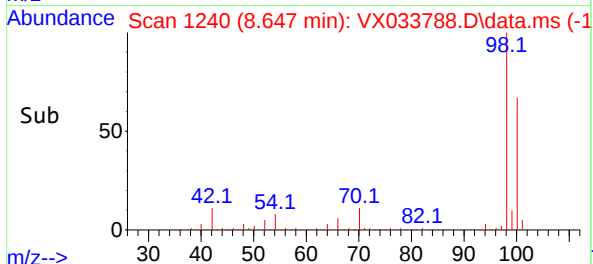
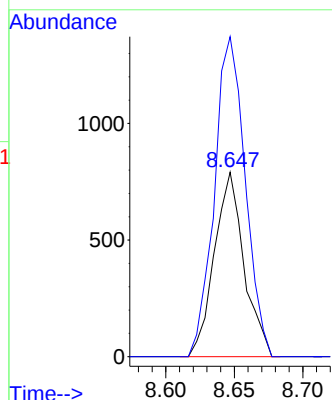
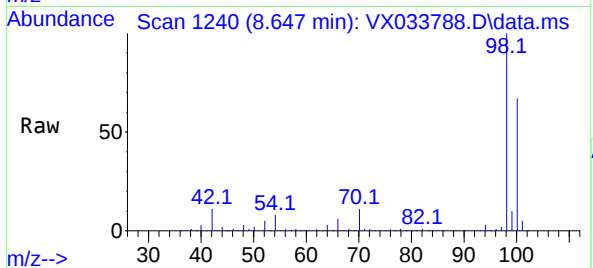
ClientSampleId :

Tgt Ion: 43 Resp: 1190

Ion Ratio Lower Upper

43 100

58 180.5 31.2 46.8#



#62

4-Bromofluorobenzene

Concen: 46.574 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX033788.D

Acq: 19 Jan 2023 10:06

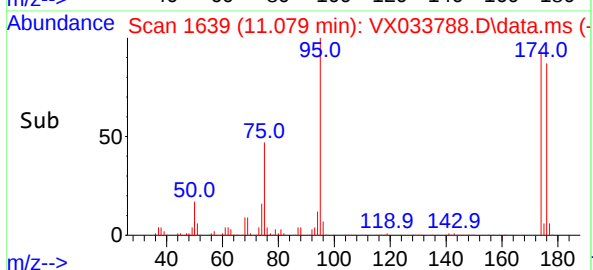
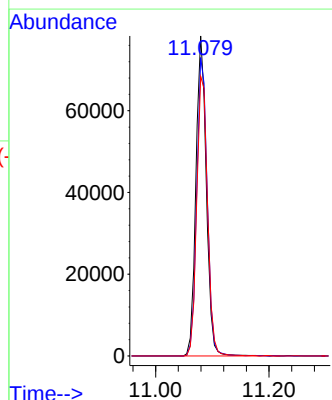
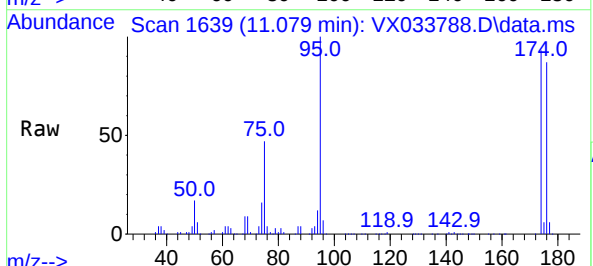
Tgt Ion: 95 Resp: 99508

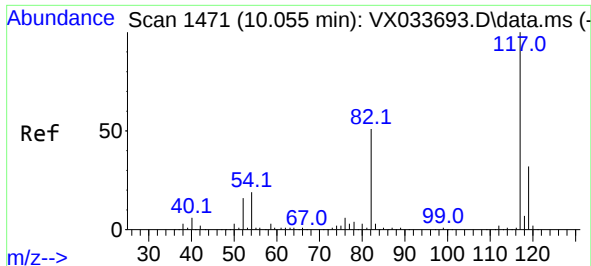
Ion Ratio Lower Upper

95 100

174 94.3 0.0 184.4

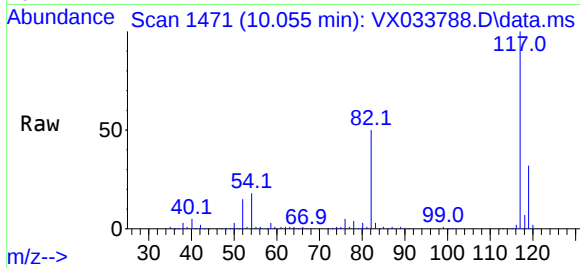
176 91.0 0.0 178.8



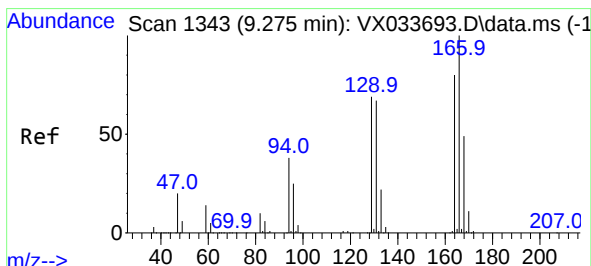
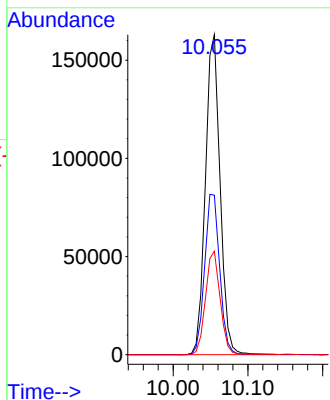
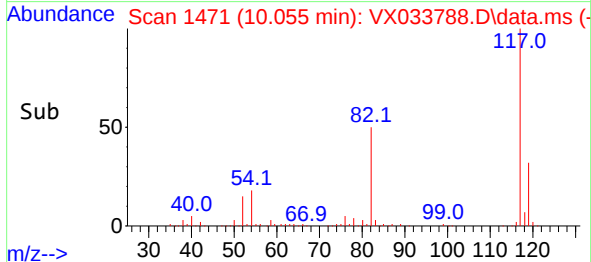


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033788.D
Acq: 19 Jan 2023 10:06

Instrument :
MSVOA_X
ClientSampleId :

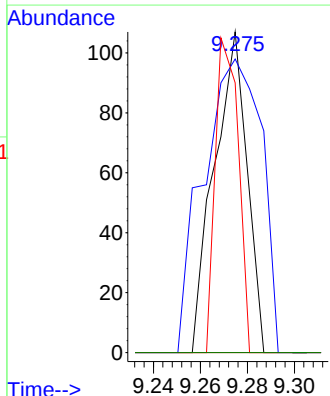
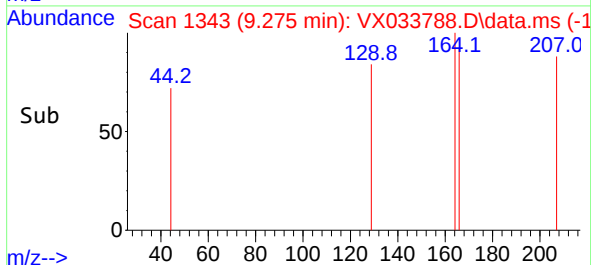
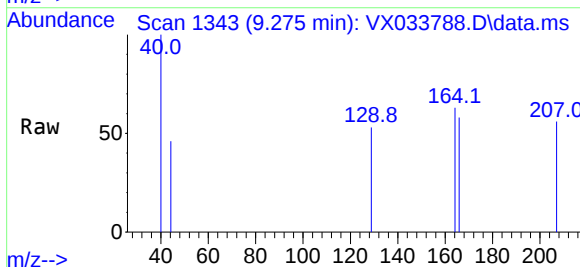


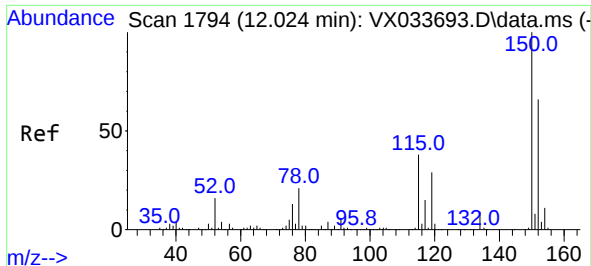
Tgt Ion:117 Resp: 222432
Ion Ratio Lower Upper
117 100
82 49.8 40.6 60.8
119 32.3 25.6 38.4



#64
Tetrachloroethene
Concen: Below Cal
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX033788.D
Acq: 19 Jan 2023 10:06

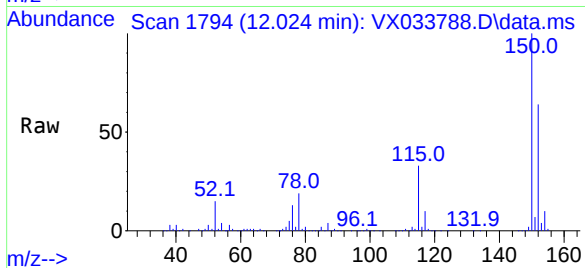
Tgt Ion:164 Resp: 103
Ion Ratio Lower Upper
164 100
166 91.6 100.2 150.2#
129 84.1 69.2 103.8
131 0.0 67.2 100.8#



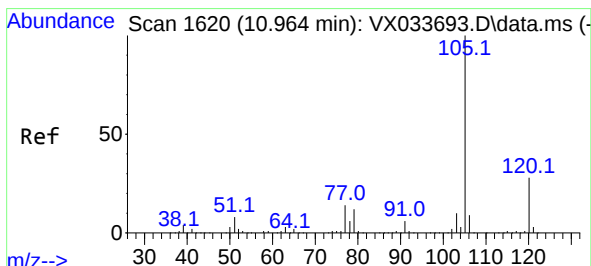
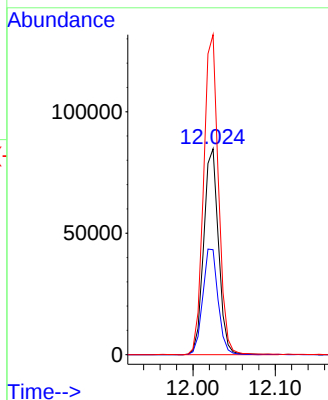
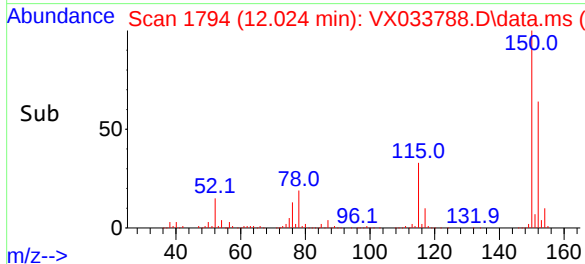


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033788.D
Acq: 19 Jan 2023 10:06

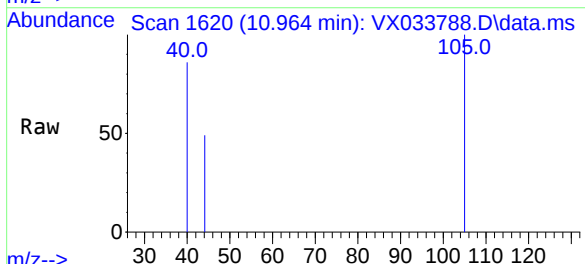
Instrument :
MSVOA_X
ClientSampleId :



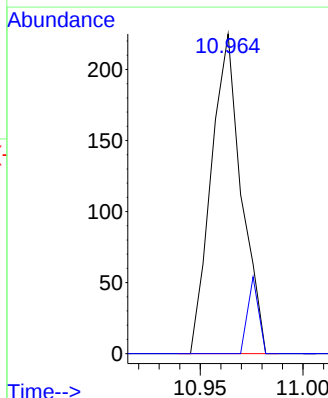
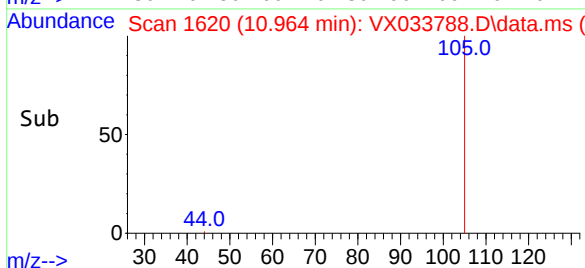
Tgt Ion:152 Resp: 105968
Ion Ratio Lower Upper
152 100
115 53.1 38.7 116.1
150 156.0 0.0 348.2

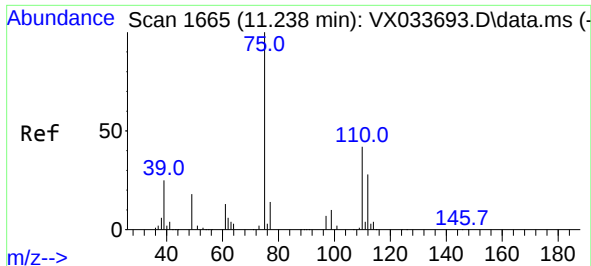


#73
Isopropylbenzene
Concen: Below Cal
RT: 10.964 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX033788.D
Acq: 19 Jan 2023 10:06



Tgt Ion:105 Resp: 230
Ion Ratio Lower Upper
105 100
120 8.7 13.6 40.8#

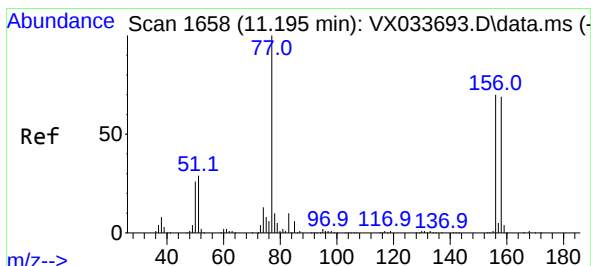
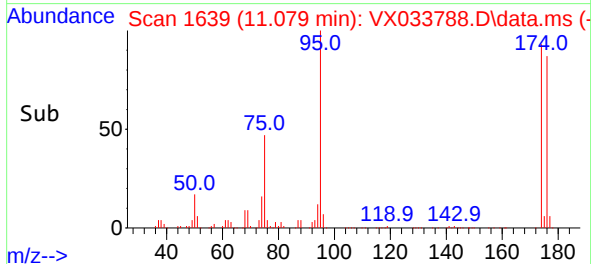
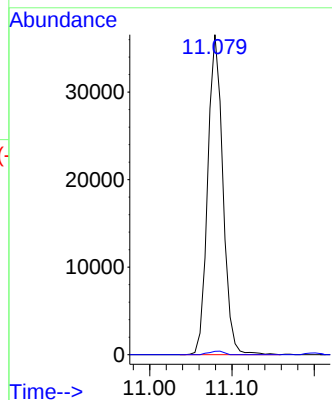
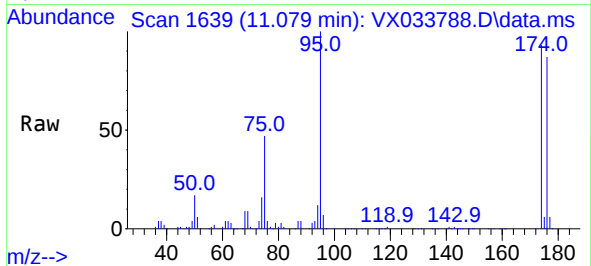




#76
1,2,3-Trichloropropane
Concen: 23.995 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033788.D
Acq: 19 Jan 2023 10:06

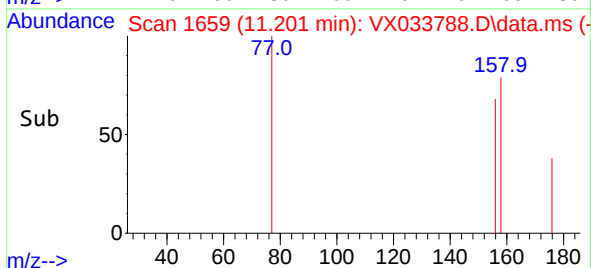
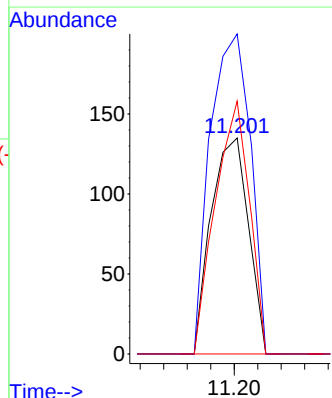
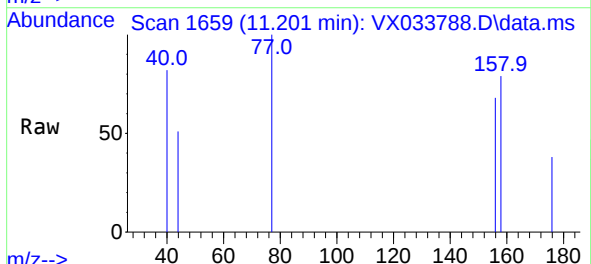
Instrument :
MSVOA_X
ClientSampleId :

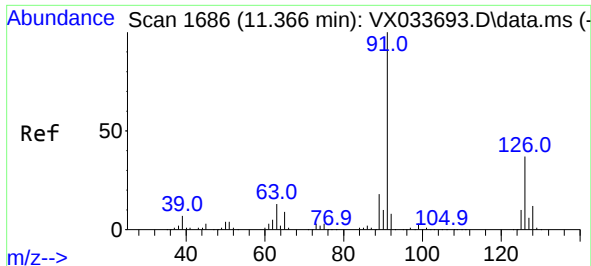
Tgt Ion: 75 Resp: 46719
Ion Ratio Lower Upper
75 100
77 1.1 21.8 65.4#



#77
Bromobenzene
Concen: Below Cal
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX033788.D
Acq: 19 Jan 2023 10:06

Tgt Ion: 156 Resp: 149
Ion Ratio Lower Upper
156 100
77 159.7 68.1 204.3
158 107.4 48.0 144.2





#79

2-Chlorotoluene

Concen: Below Cal

RT: 11.457 min Scan# 1

Delta R.T. 0.091 min

Lab File: VX033788.D

Acq: 19 Jan 2023 10:06

Instrument :

MSVOA_X

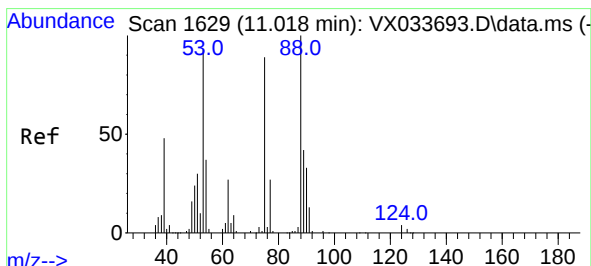
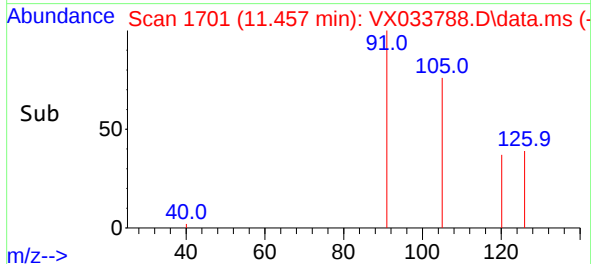
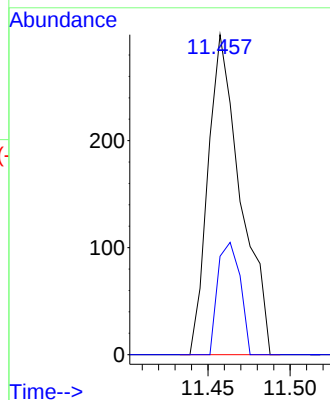
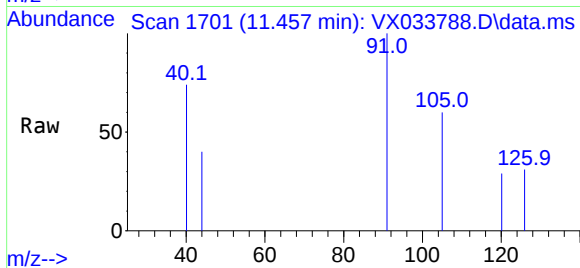
ClientSampleId :

Tgt Ion: 91 Resp: 413

Ion Ratio Lower Upper

91 100

126 24.0 18.1 54.1



#81

trans-1,4-Dichloro-2-butene

Concen: 74.575 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX033788.D

Acq: 19 Jan 2023 10:06

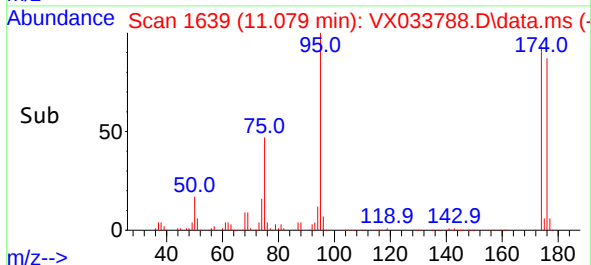
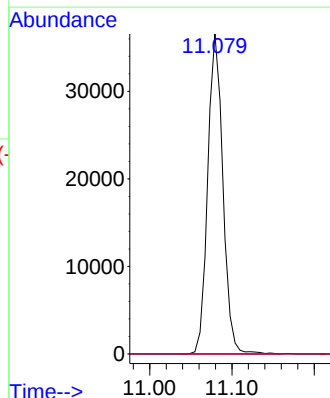
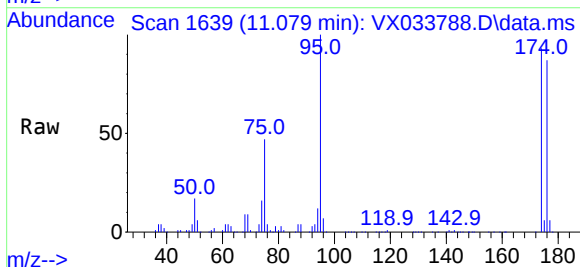
Tgt Ion: 75 Resp: 46719

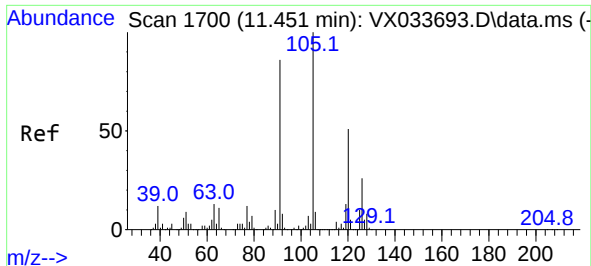
Ion Ratio Lower Upper

75 100

53 0.0 83.0 124.6#

89 0.0 37.7 56.5#

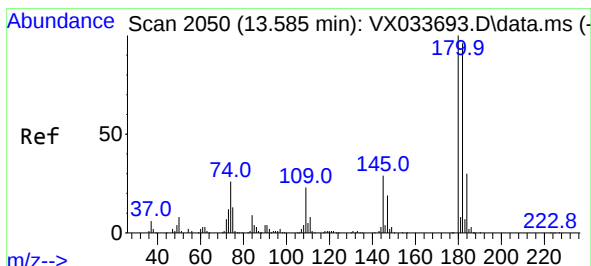
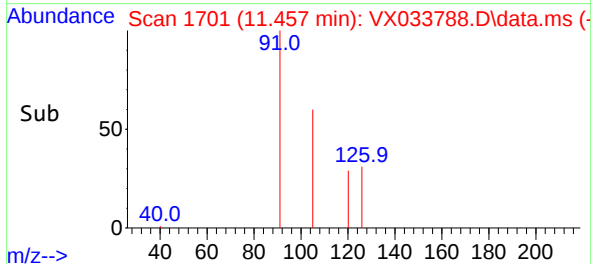
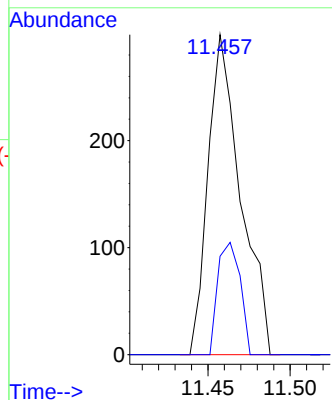
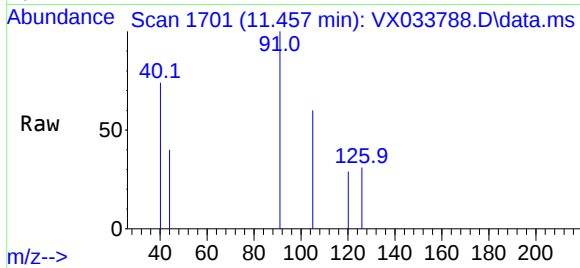




#82
4-Chlorotoluene
Concen: Below Cal
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033788.D
Acq: 19 Jan 2023 10:06

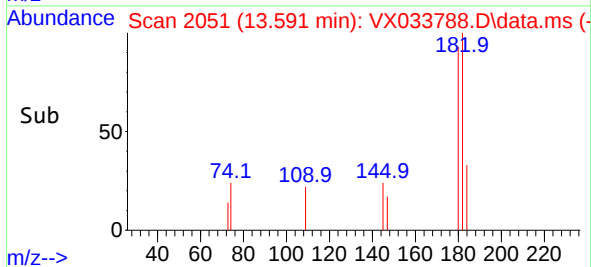
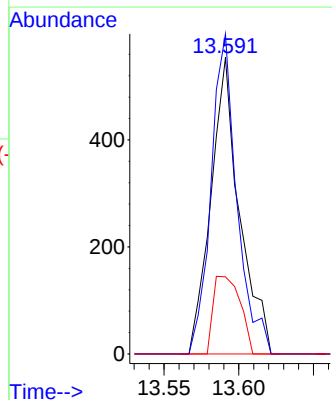
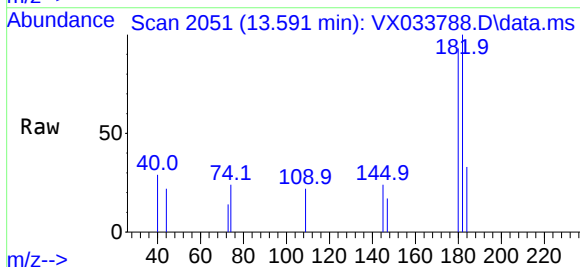
Instrument :
MSVOA_X
ClientSampleId :

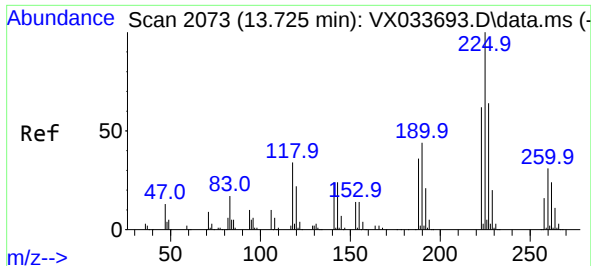
Tgt Ion: 91 Resp: 413
Ion Ratio Lower Upper
91 100
126 24.0 15.8 47.4



#93
1,2,4-Trichlorobenzene
Concen: 0.317 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX033788.D
Acq: 19 Jan 2023 10:06

Tgt Ion:180 Resp: 737
Ion Ratio Lower Upper
180 100
182 97.7 47.9 143.6
145 24.6 14.1 42.2

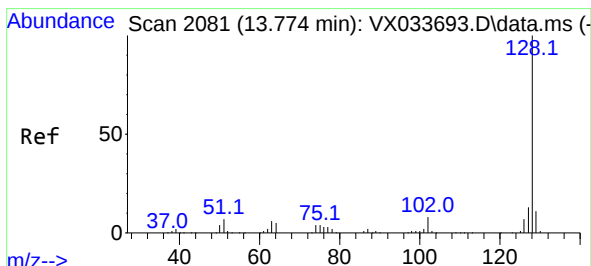
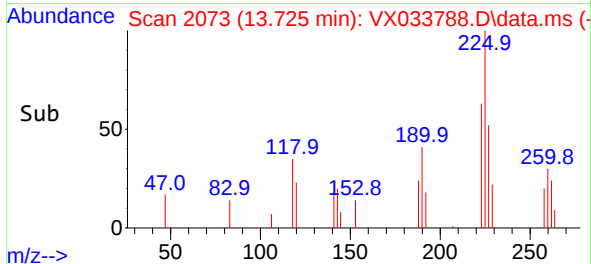
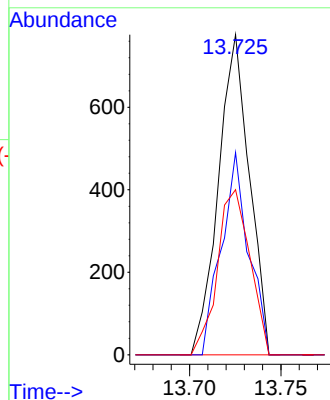
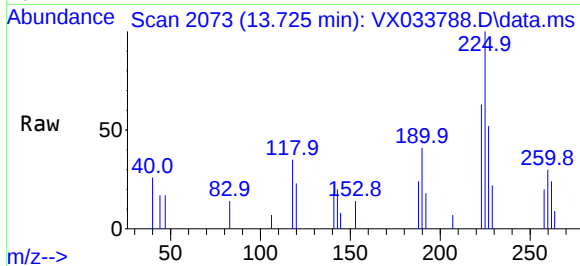




#94
Hexachlorobutadiene
Concen: 0.803 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX033788.D
Acq: 19 Jan 2023 10:06

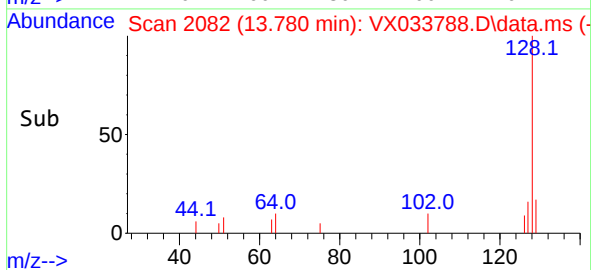
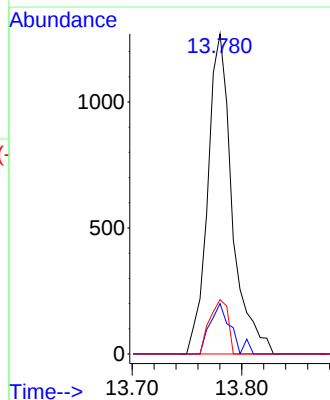
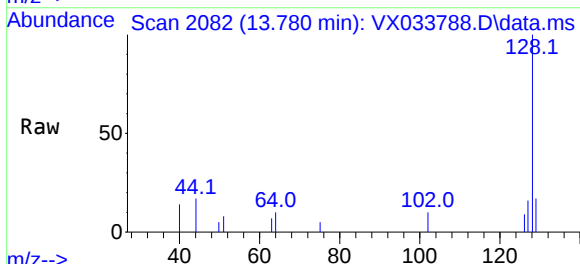
Instrument :
MSVOA_X
ClientSampleId :

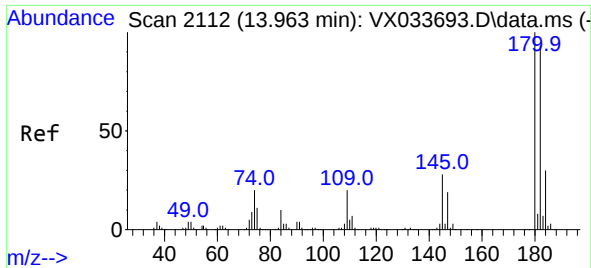
Tgt Ion:	225	Resp:	916
Ion	Ratio	Lower	Upper
225	100		
223	55.8	31.3	93.9
227	54.0	32.3	96.9



#95
Naphthalene
Concen: 0.294 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX033788.D
Acq: 19 Jan 2023 10:06

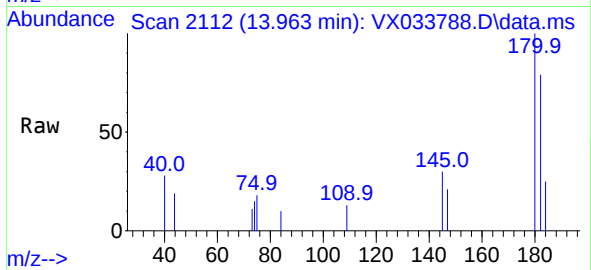
Tgt Ion:	128	Resp:	1970
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	12.7	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 0.353 ug/l
RT: 13.963 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033788.D
Acq: 19 Jan 2023 10:06

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	180	Resp:	822
Ion	Ratio	Lower	Upper
180	100		
182	102.1	47.6	142.9
145	26.9	15.1	45.3

