

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013023\
 Data File : VX033951.D
 Acq On : 30 Jan 2023 17:14
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

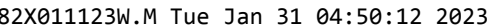
Quant Time: Jan 31 04:49:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

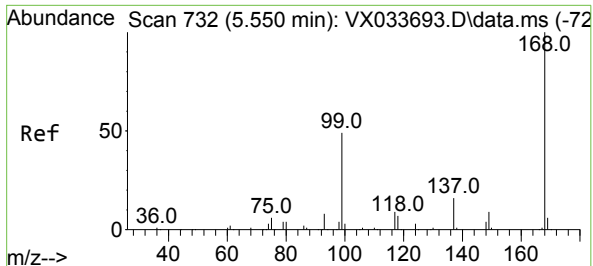
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	154050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	219417	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71463	44.058	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.120%
35) Dibromofluoromethane	5.385	113	67200	49.323	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.640%
50) Toluene-d8	8.647	98	250471	50.456	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.920%
62) 4-Bromofluorobenzene	11.079	95	89981	48.820	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.640%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	292	1.036	ug/l #	86
16) Acetone	2.380	43	285	Below Cal	#	47
17) Carbon Disulfide	2.514	76	324	1.921	ug/l #	76
20) Methylene Chloride	2.788	84	526	Below Cal	#	85
31) Cyclohexane	5.544	56	2279	0.955	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	9165	4.609	ug/l #	48
38) Carbon Tetrachloride	5.550	117	12943	6.285	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	973	0.505	ug/l #	1
73) Isopropylbenzene	10.970	105	154	Below Cal	#	48
75) 1,1,2,2-Tetrachloroethane	11.220	83	21	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.079	75	40911	22.856	ug/l #	34
77) Bromobenzene	11.354	156	19	Below Cal	#	1
79) 2-Chlorotoluene	11.372	91	407	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	40911	71.033	ug/l #	8
82) 4-Chlorotoluene	11.433	91	85	Below Cal	#	43
90) Hexachloroethane	12.536	117	197	0.201	ug/l	91

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

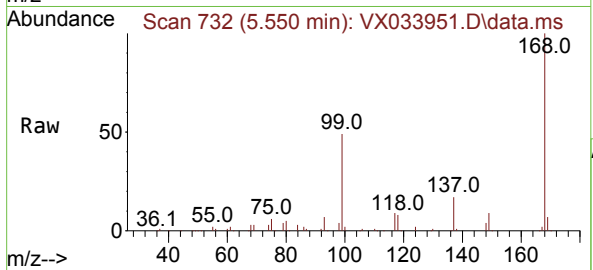
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Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration



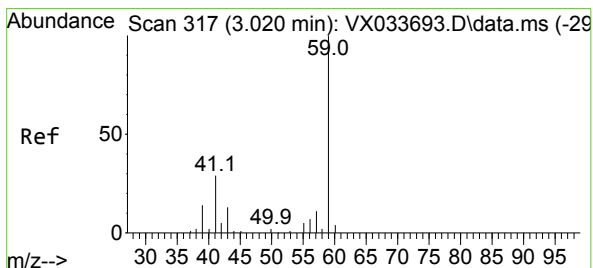
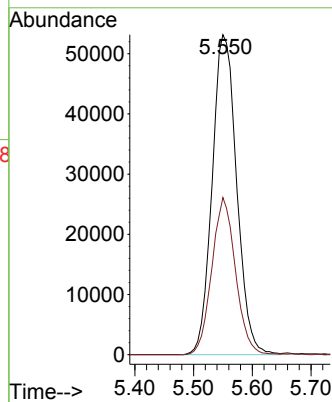
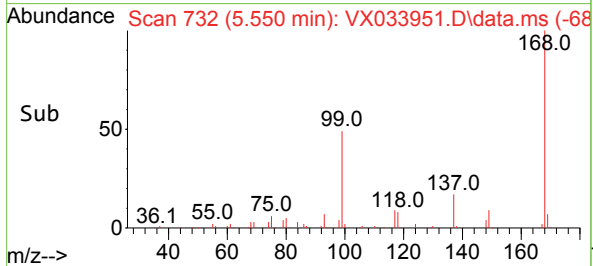


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033951.D
Acq: 30 Jan 2023 17:14

Instrument :
MSVOA_X
ClientSampleId :

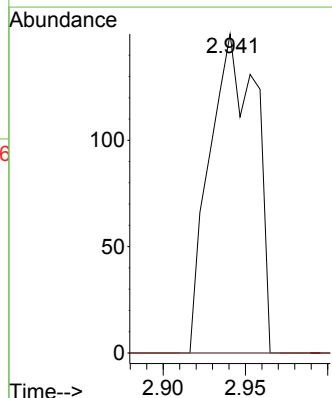
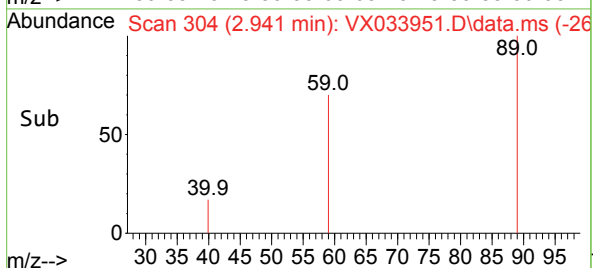
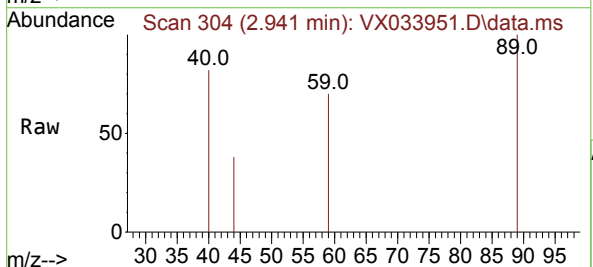


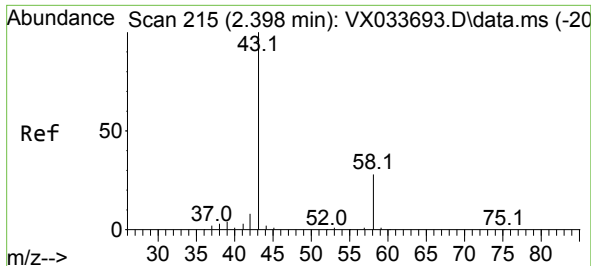
Tgt Ion:168 Resp: 154050
Ion Ratio Lower Upper
168 100
99 49.1 39.6 59.4



#11
Tert butyl alcohol
Concen: 1.036 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.079 min
Lab File: VX033951.D
Acq: 30 Jan 2023 17:14

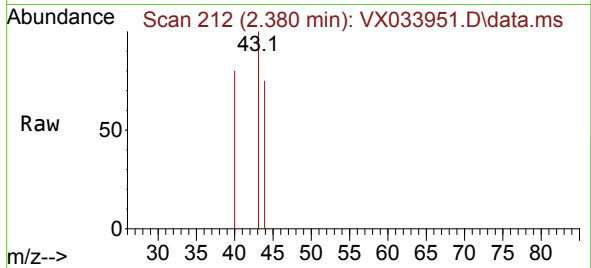
Tgt Ion: 59 Resp: 292
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#



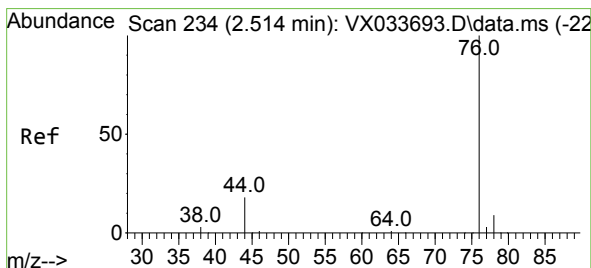
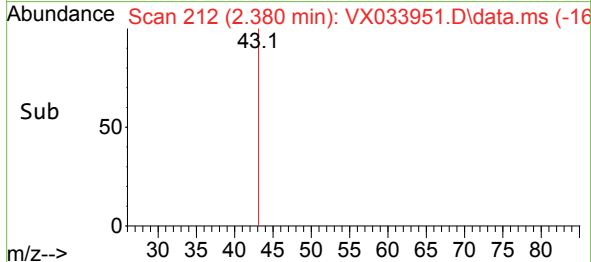
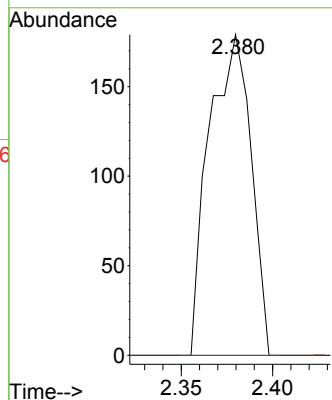


#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 215
Delta R.T. -0.018 min
Lab File: VX033951.D
Acq: 30 Jan 2023 17:14

Instrument :
MSVOA_X
ClientSampleId :

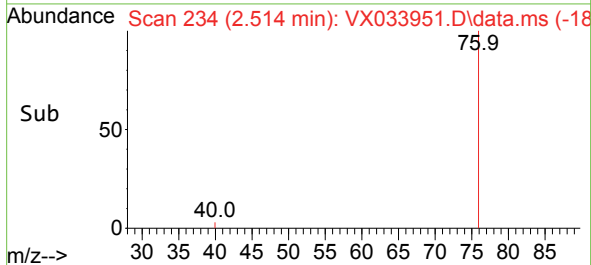
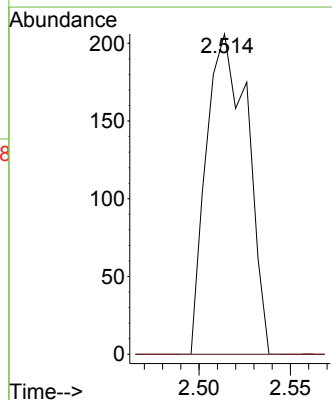
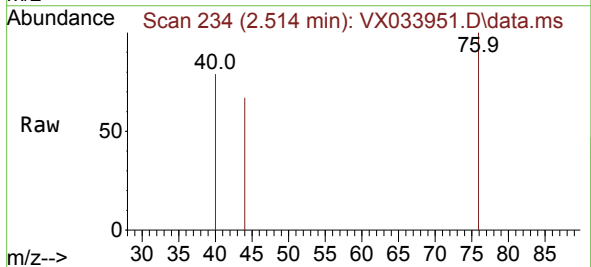


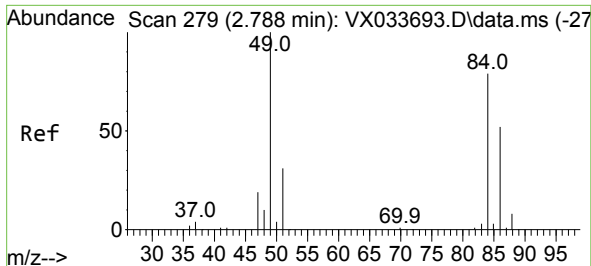
Tgt Ion: 43 Resp: 285
Ion Ratio Lower Upper
43 100
58 0.0 22.6 33.8#



#17
Carbon Disulfide
Concen: 1.921 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033951.D
Acq: 30 Jan 2023 17:14

Tgt Ion: 76 Resp: 324
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

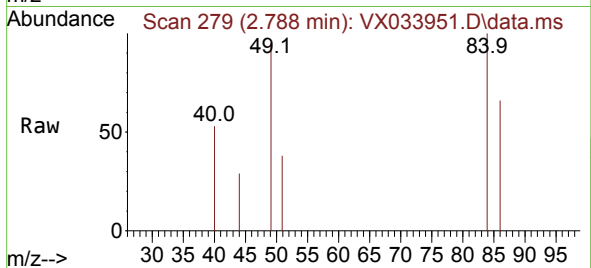
Lab File: VX033951.D

Acq: 30 Jan 2023 17:14

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 526

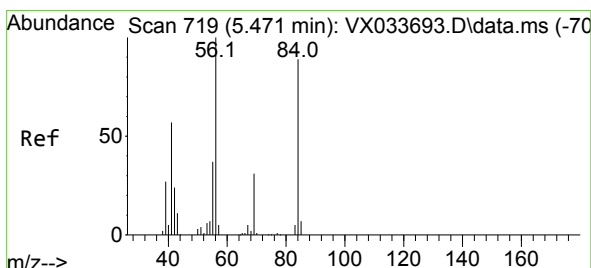
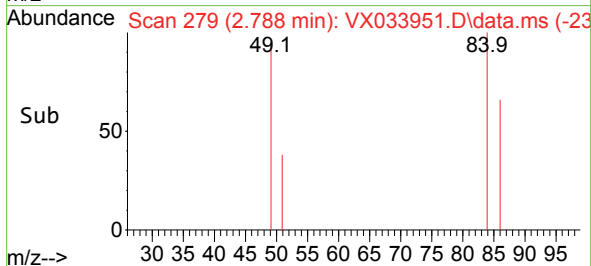
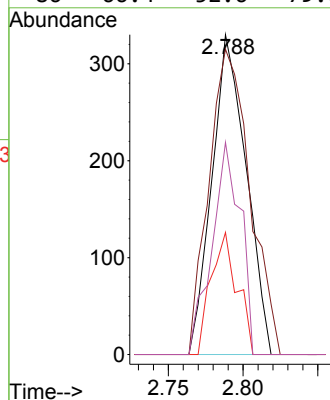
Ion Ratio Lower Upper

84 100

49 95.5 101.1 151.7#

51 38.2 31.0 46.6

86 66.4 52.6 79.0



#31

Cyclohexane

Concen: 0.955 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX033951.D

Acq: 30 Jan 2023 17:14

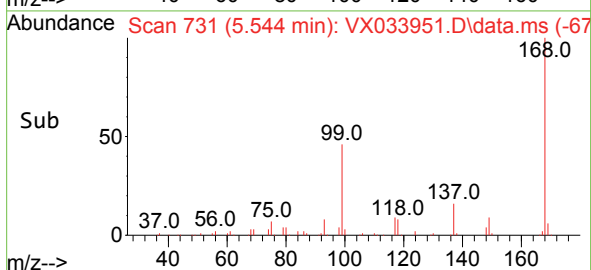
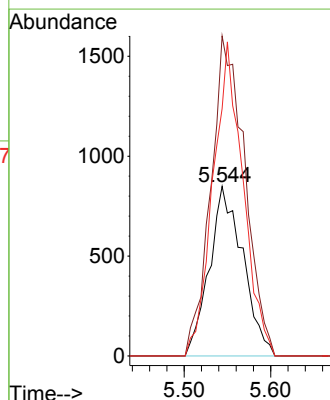
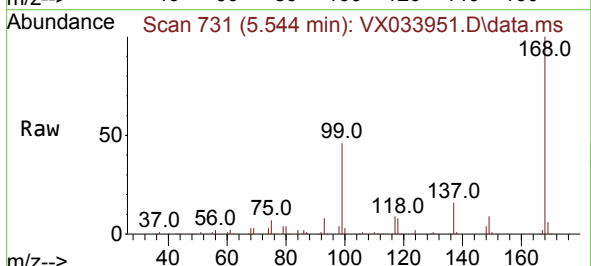
Tgt Ion: 56 Resp: 2279

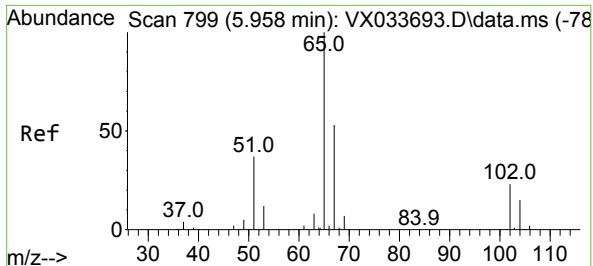
Ion Ratio Lower Upper

56 100

69 188.7 24.6 37.0#

84 145.8 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 44.058 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033951.D

Acq: 30 Jan 2023 17:14

Instrument :

MSVOA_X

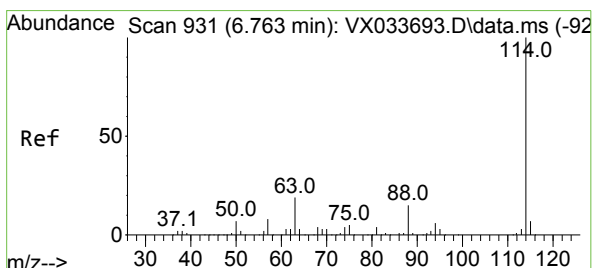
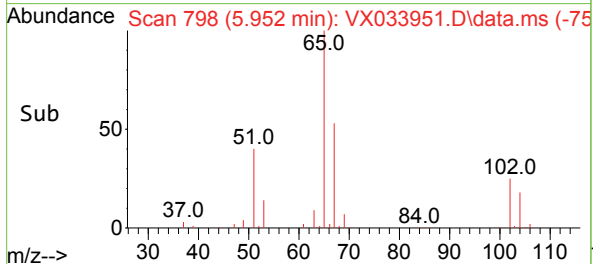
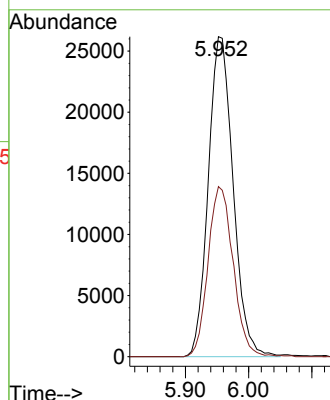
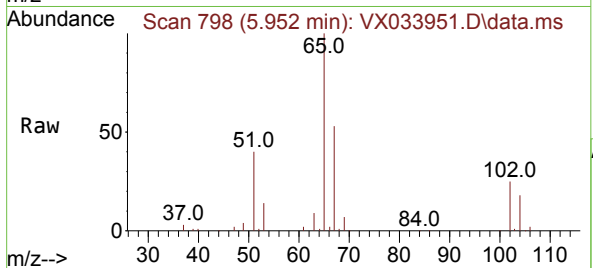
ClientSampleId :

Tgt Ion: 65 Resp: 71463

Ion Ratio Lower Upper

65 100

67 53.8 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: VX033951.D

Acq: 30 Jan 2023 17:14

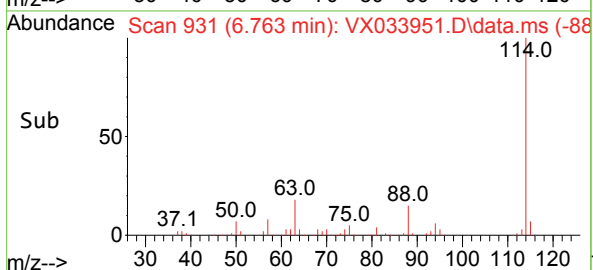
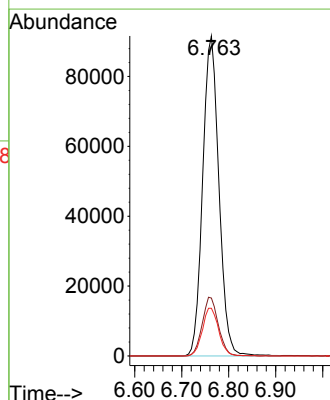
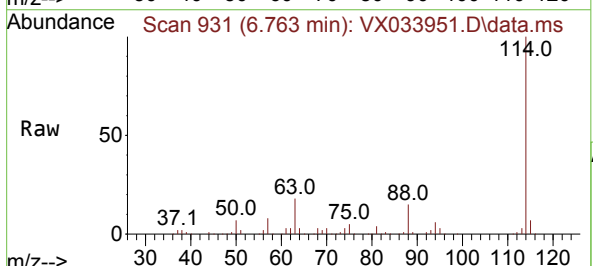
Tgt Ion:114 Resp: 219417

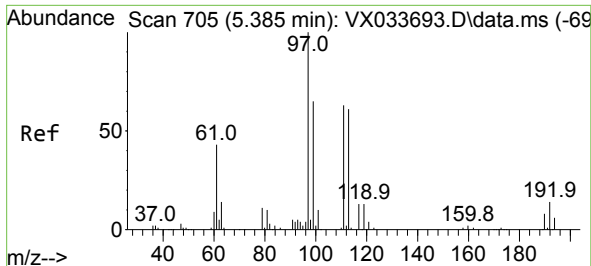
Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.4

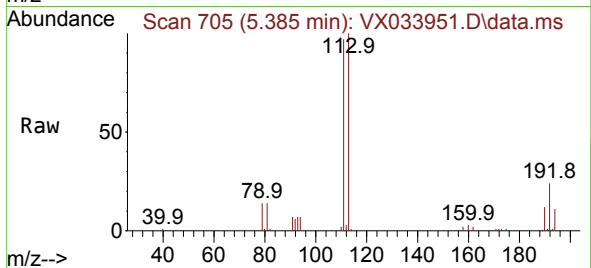
88 14.9 0.0 30.6



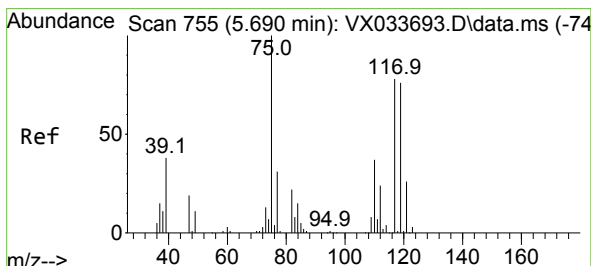
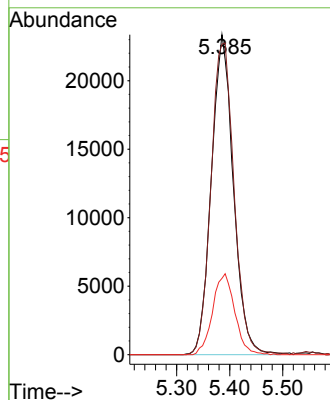
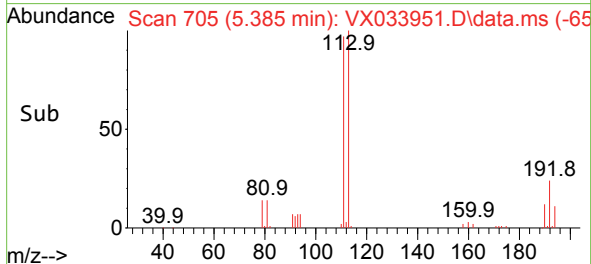


#35
Dibromofluoromethane
Concen: 49.323 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033951.D
Acq: 30 Jan 2023 17:14

Instrument :
MSVOA_X
ClientSampleId :

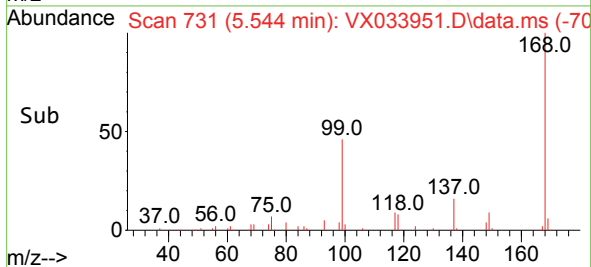
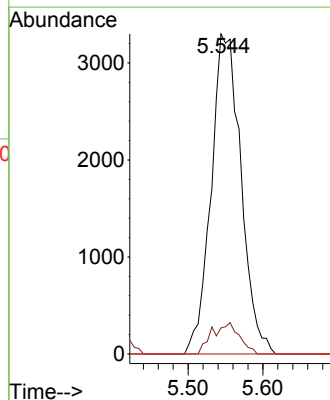
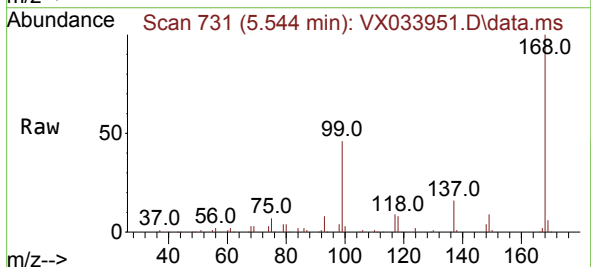


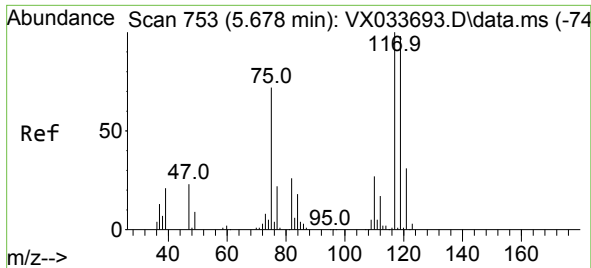
Tgt Ion:113 Resp: 67200
Ion Ratio Lower Upper
113 100
111 102.3 83.0 124.6
192 25.5 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.609 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX033951.D
Acq: 30 Jan 2023 17:14

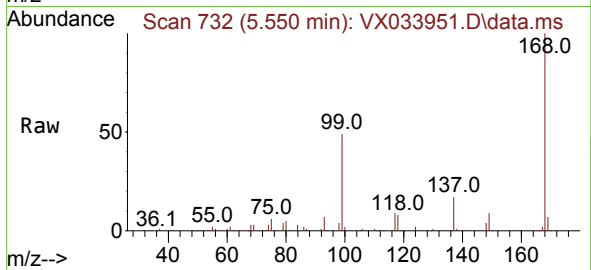
Tgt Ion: 75 Resp: 9165
Ion Ratio Lower Upper
75 100
110 8.9 18.8 56.4#
77 0.0 25.1 37.7#



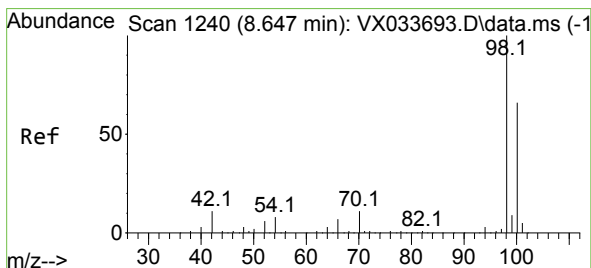
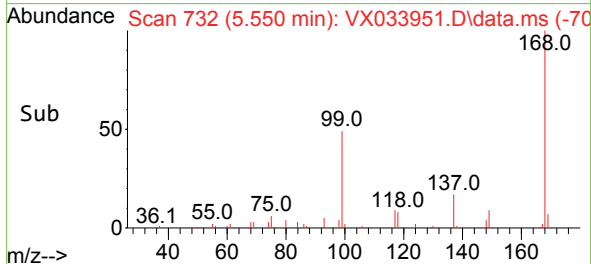
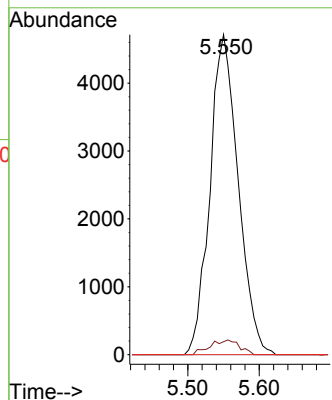


#38
Carbon Tetrachloride
Concen: 6.285 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033951.D
Acq: 30 Jan 2023 17:14

Instrument :
MSVOA_X
ClientSampleId :

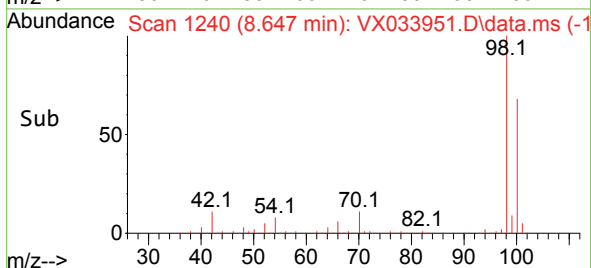
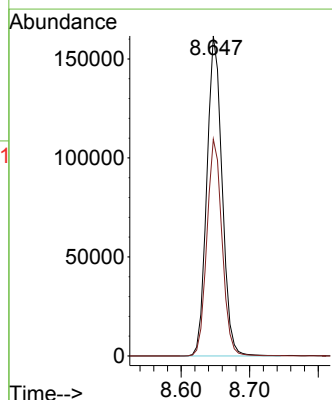
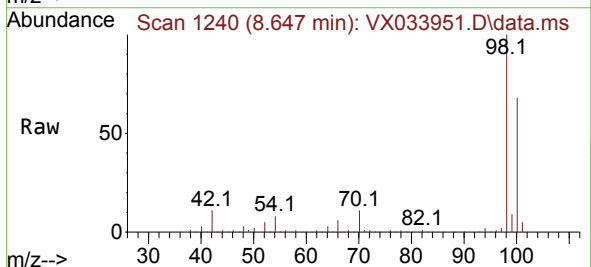


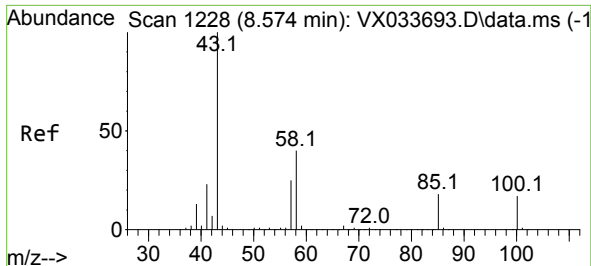
Tgt Ion:117 Resp: 12943
Ion Ratio Lower Upper
117 100
119 4.1 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.456 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX033951.D
Acq: 30 Jan 2023 17:14

Tgt Ion: 98 Resp: 250471
Ion Ratio Lower Upper
98 100
100 67.4 53.6 80.4

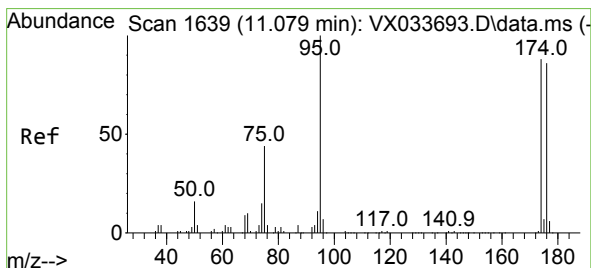
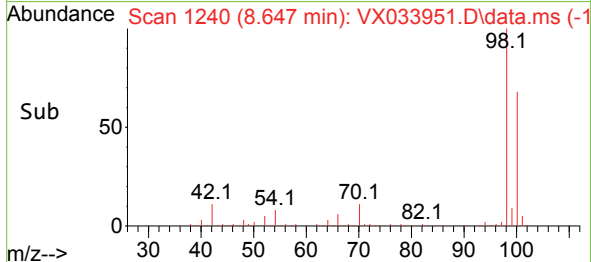
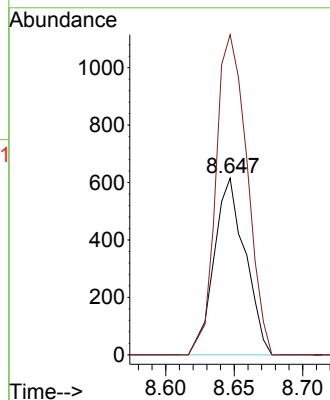
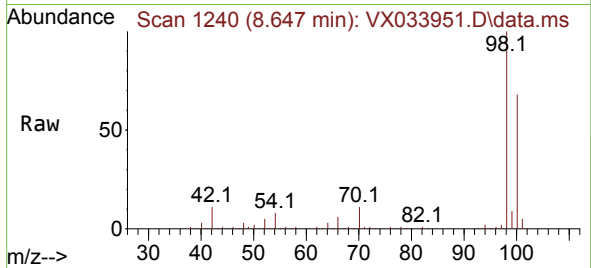




#51
4-Methyl-2-Pentanone
Concen: 0.505 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX033951.D
Acq: 30 Jan 2023 17:14

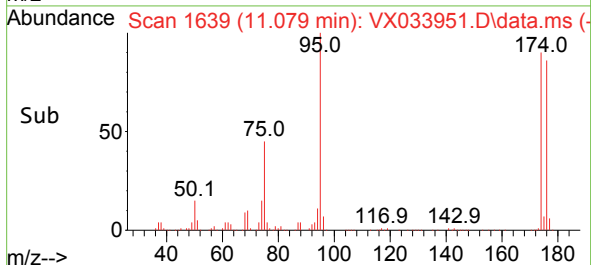
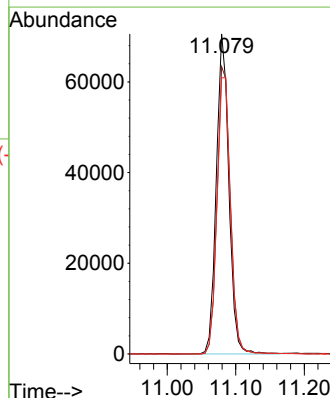
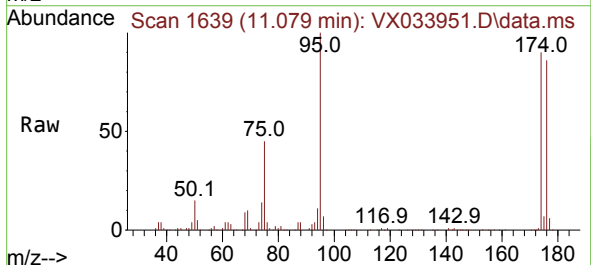
Instrument :
MSVOA_X
ClientSampleId :

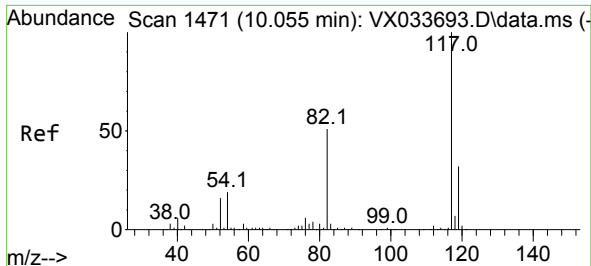
Tgt Ion: 43 Resp: 973
Ion Ratio Lower Upper
43 100
58 181.5 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 48.820 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033951.D
Acq: 30 Jan 2023 17:14

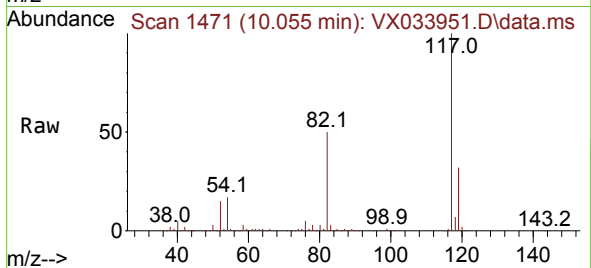
Tgt Ion: 95 Resp: 89981
Ion Ratio Lower Upper
95 100
174 94.6 0.0 184.4
176 92.4 0.0 178.8



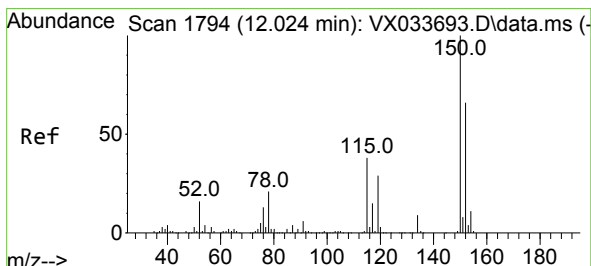
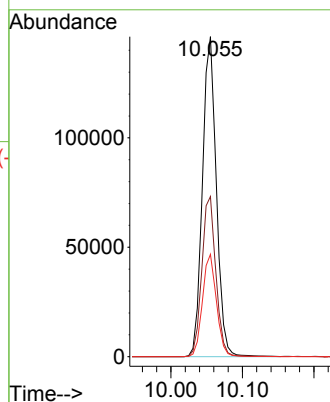
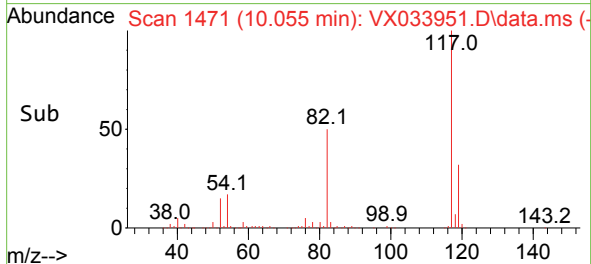


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033951.D
Acq: 30 Jan 2023 17:14

Instrument :
MSVOA_X
ClientSampleId :

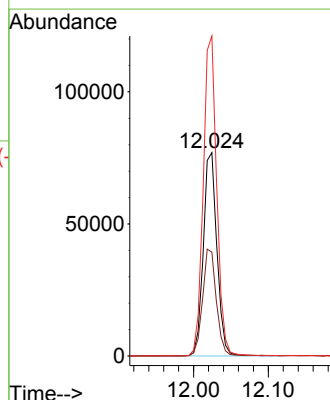
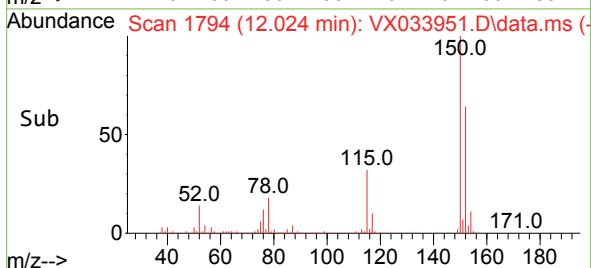
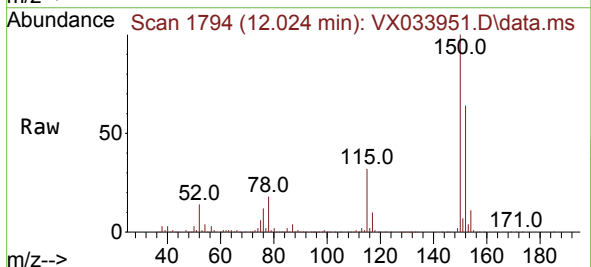


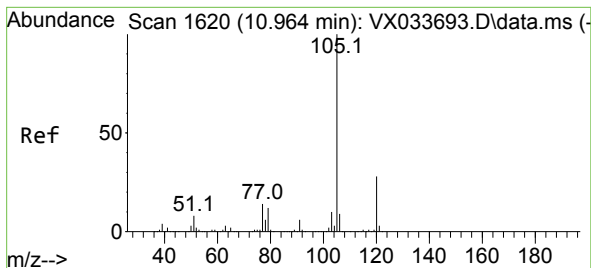
Tgt Ion:117 Resp: 197674
Ion Ratio Lower Upper
117 100
82 50.0 40.6 60.8
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033951.D
Acq: 30 Jan 2023 17:14

Tgt Ion:152 Resp: 97421
Ion Ratio Lower Upper
152 100
115 52.9 38.7 116.1
150 156.0 0.0 348.2





#73

Isopropylbenzene

Concen: Below Cal

RT: 10.970 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VX033951.D

Acq: 30 Jan 2023 17:14

Instrument :

MSVOA_X

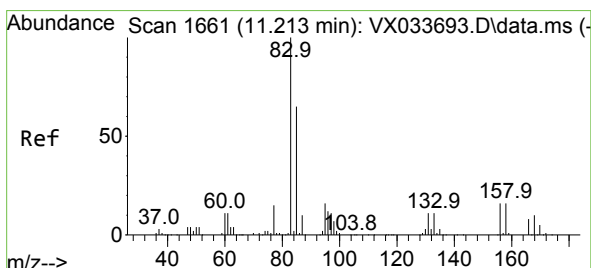
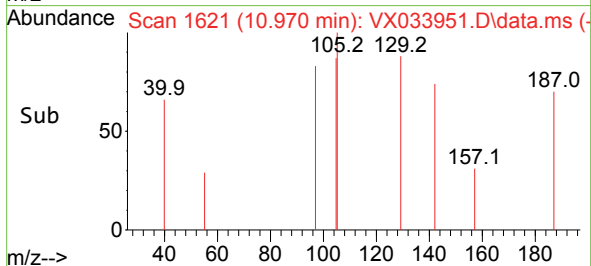
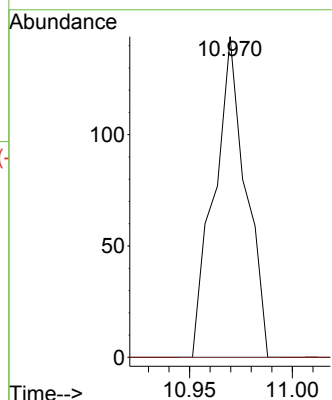
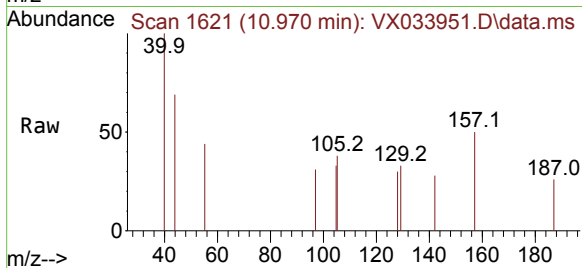
ClientSampleId :

Tgt Ion:105 Resp: 154

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.8#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 11.220 min Scan# 1662

Delta R.T. 0.007 min

Lab File: VX033951.D

Acq: 30 Jan 2023 17:14

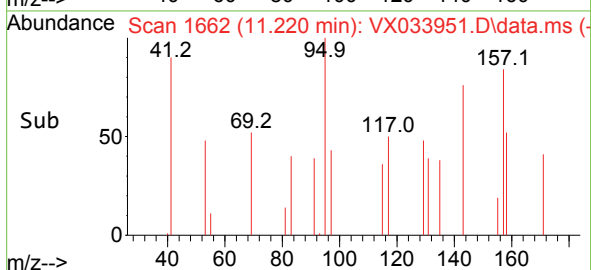
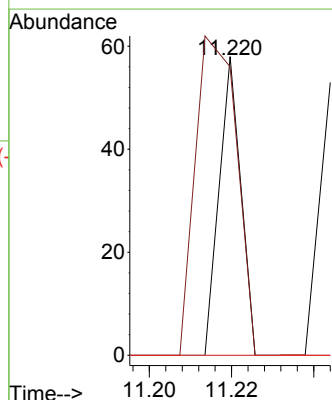
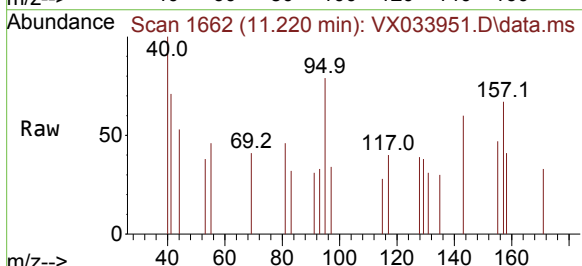
Tgt Ion: 83 Resp: 21

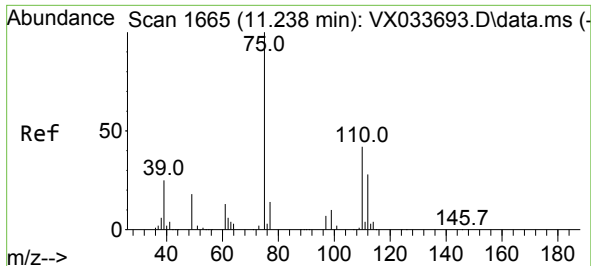
Ion Ratio Lower Upper

83 100

131 204.8 5.5 16.7#

85 0.0 32.3 96.9#

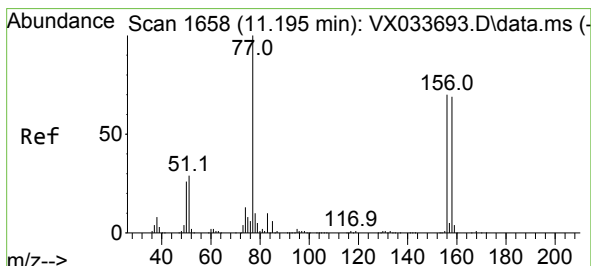
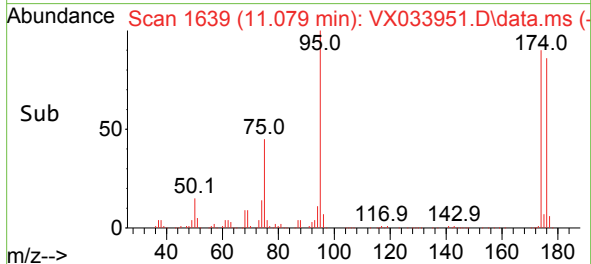
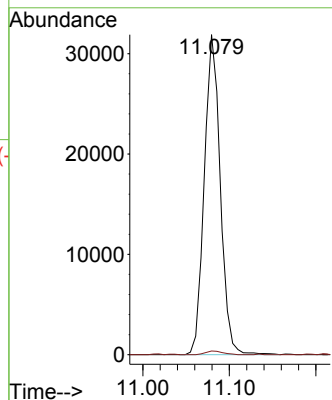
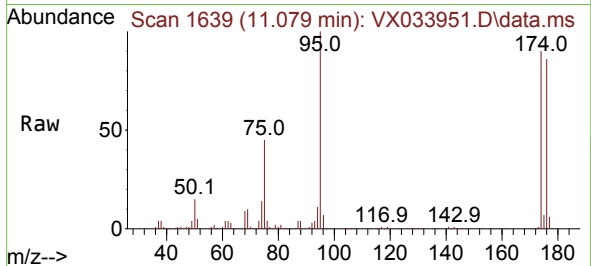




#76
1,2,3-Trichloropropane
Concen: 22.856 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX033951.D
Acq: 30 Jan 2023 17:14

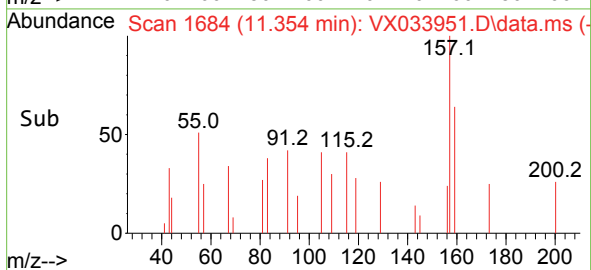
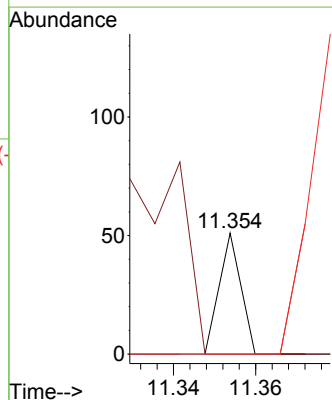
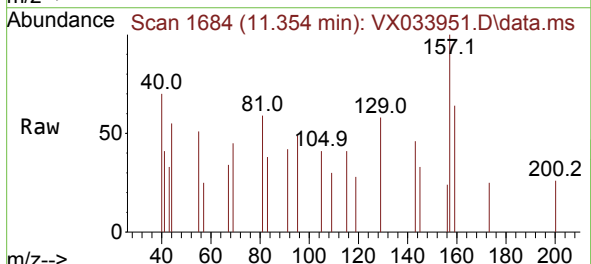
Instrument :
MSVOA_X
ClientSampleId :

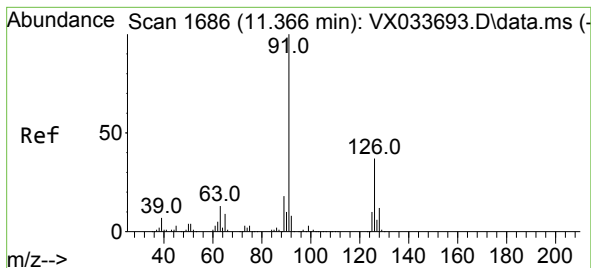
Tgt Ion: 75 Resp: 40911
Ion Ratio Lower Upper
75 100
77 1.2 21.8 65.4#



#77
Bromobenzene
Concen: Below Cal
RT: 11.354 min Scan# 1684
Delta R.T. 0.159 min
Lab File: VX033951.D
Acq: 30 Jan 2023 17:14

Tgt Ion:156 Resp: 19
Ion Ratio Lower Upper
156 100
77 673.7 68.1 204.3#
158 0.0 48.0 144.2#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 11.372 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX033951.D

Acq: 30 Jan 2023 17:14

Instrument :

MSVOA_X

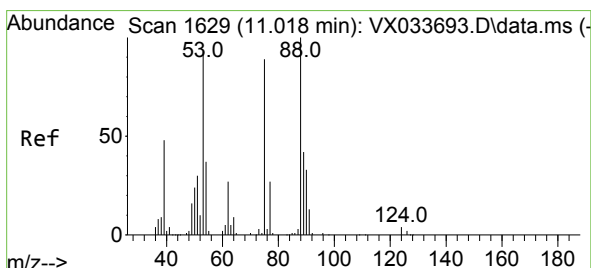
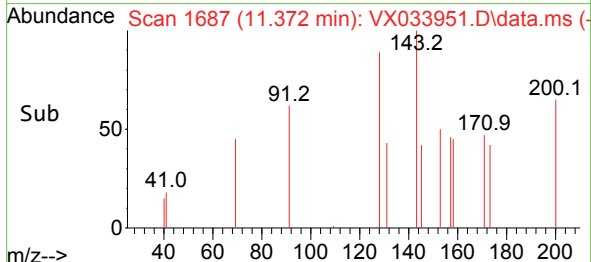
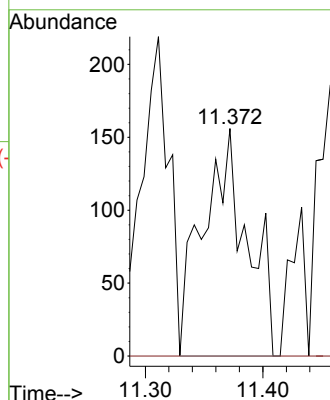
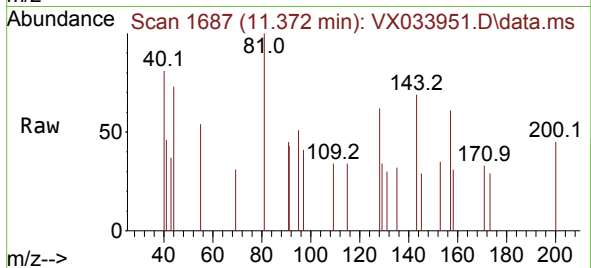
ClientSampleId :

Tgt Ion: 91 Resp: 407

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.033 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX033951.D

Acq: 30 Jan 2023 17:14

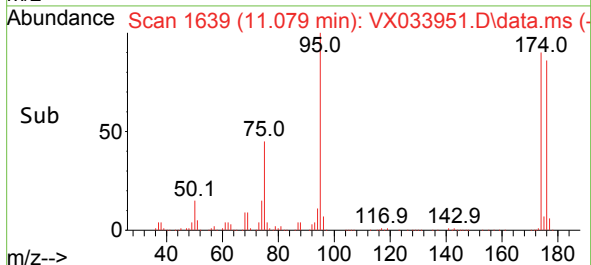
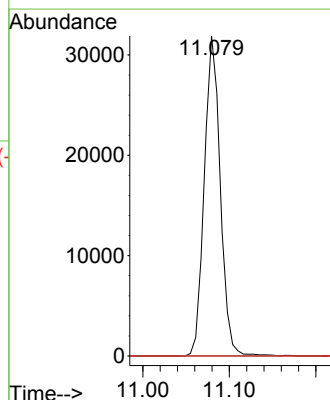
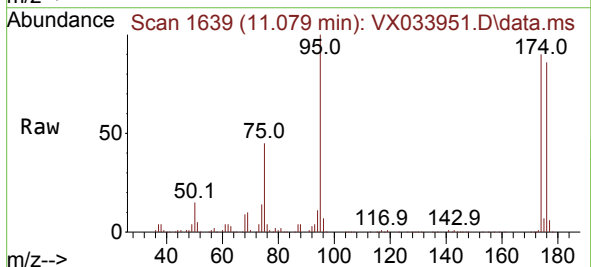
Tgt Ion: 75 Resp: 40911

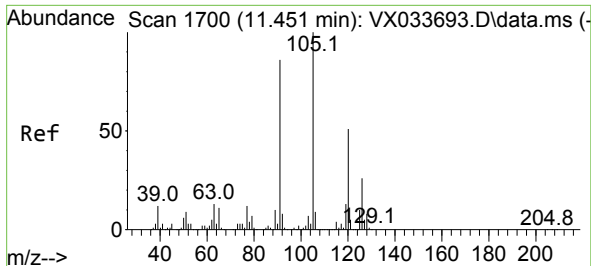
Ion Ratio Lower Upper

75 100

53 0.0 83.0 124.6#

89 0.0 37.7 56.5#

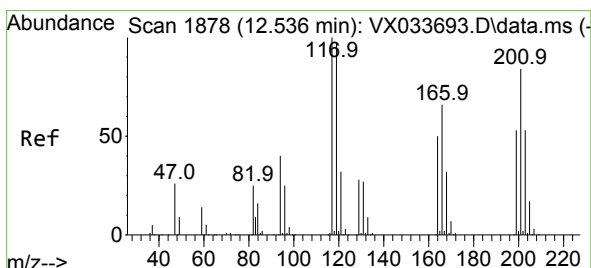
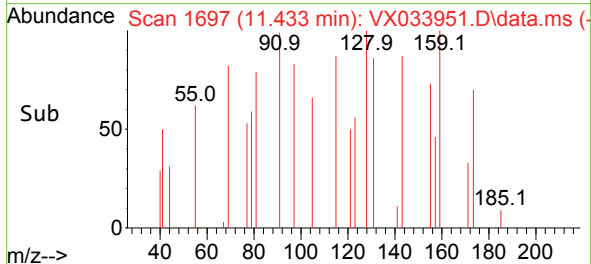
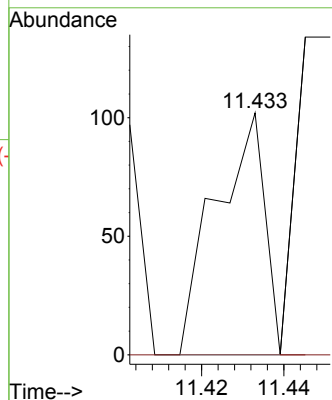
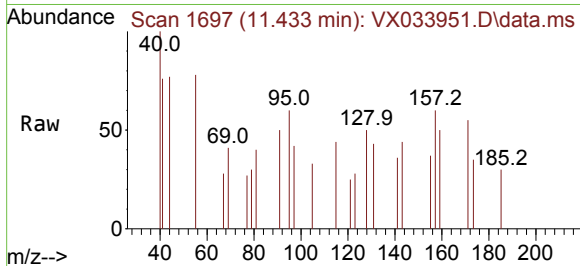




#82
4-Chlorotoluene
Concen: Below Cal
RT: 11.433 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX033951.D
Acq: 30 Jan 2023 17:14

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 85
Ion Ratio Lower Upper
91 100
126 0.0 15.8 47.4#



#90
Hexachloroethane
Concen: 0.201 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX033951.D
Acq: 30 Jan 2023 17:14

Tgt Ion: 117 Resp: 197
Ion Ratio Lower Upper
117 100
201 81.7 45.1 135.3

