

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012523\
 Data File : VX033882.D
 Acq On : 25 Jan 2023 11:32
 Operator : JC/MD
 Sample : VX0125WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 26 05:59:26 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)

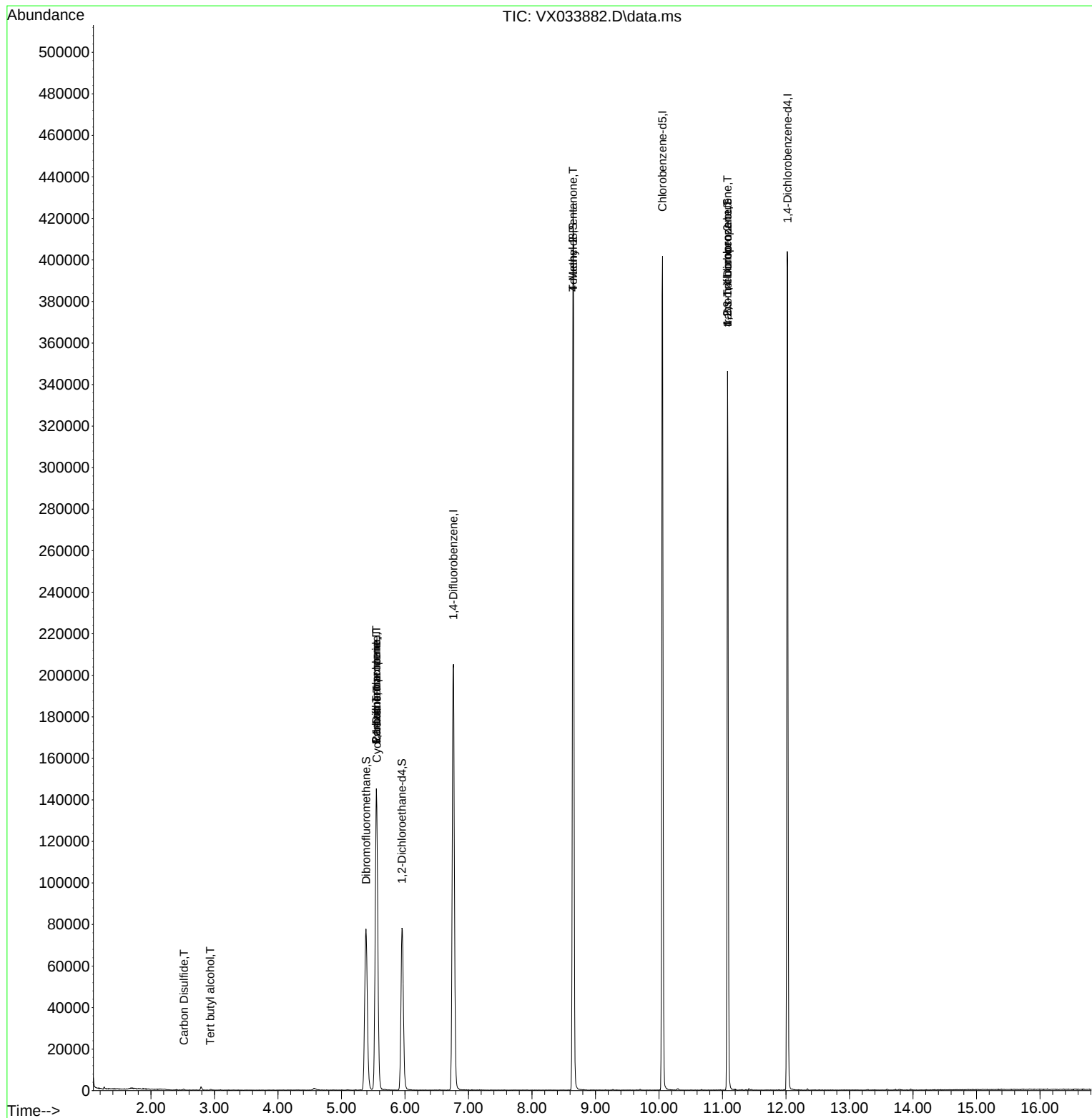
Internal Standards						
1) Pentafluorobenzene	5.550	168	158353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	228693	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74432	44.642	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.280%
35) Dibromofluoromethane	5.385	113	69547	48.975	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.940%
50) Toluene-d8	8.647	98	258183	49.900	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.800%
62) 4-Bromofluorobenzene	11.079	95	88816	46.234	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.460%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.935	59	221	0.763	ug/l #	86
16) Acetone	2.398	43	216	Below Cal	#	47
17) Carbon Disulfide	2.520	76	638	2.011	ug/l #	76
20) Methylene Chloride	2.788	84	626	Below Cal		89
31) Cyclohexane	5.556	56	2558	1.043	ug/l #	16
36) 1,1-Dichloropropene	5.550	75	9087	4.385	ug/l #	48
38) Carbon Tetrachloride	5.550	117	13300	6.196	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1006	0.501	ug/l #	1
73) Isopropylbenzene	10.964	105	104	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	40978	22.964	ug/l #	34
77) Bromobenzene	11.201	156	74	Below Cal	#	58
79) 2-Chlorotoluene	11.366	91	108	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	40978	71.369	ug/l #	8
82) 4-Chlorotoluene	11.457	91	196	Below Cal	#	68

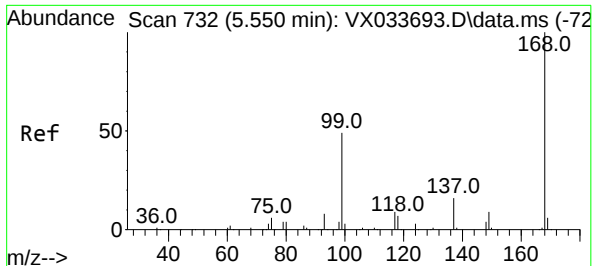
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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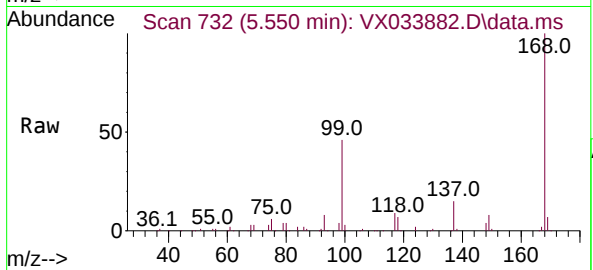
Quant Time: Jan 26 05:59:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration



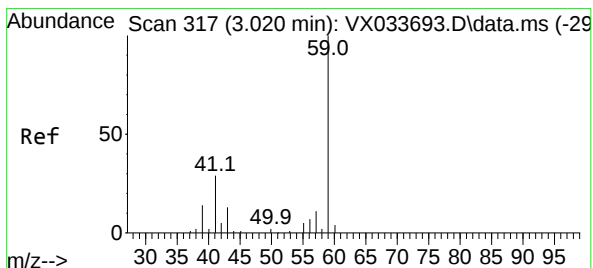
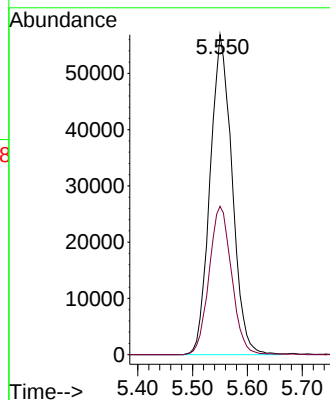
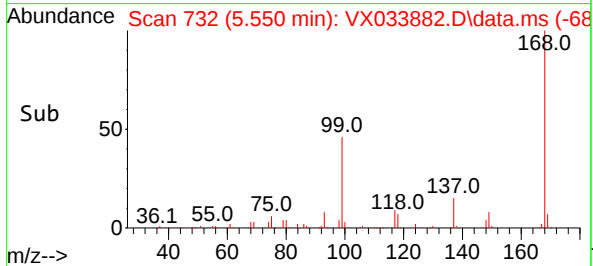


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033882.D
Acq: 25 Jan 2023 11:32

Instrument :
MSVOA_X
ClientSampleId :

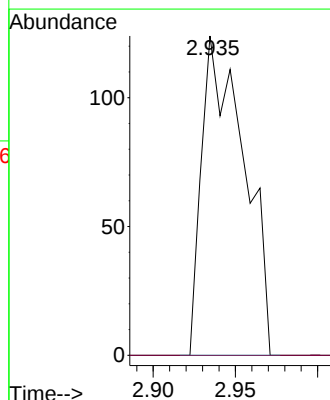
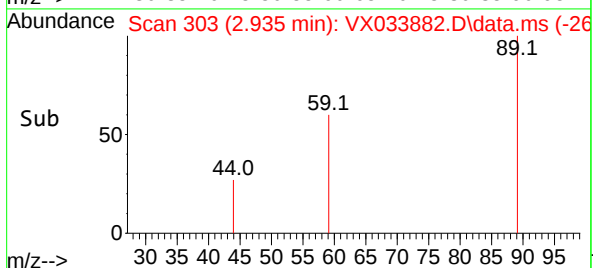
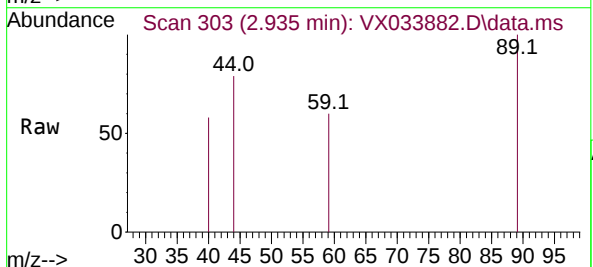


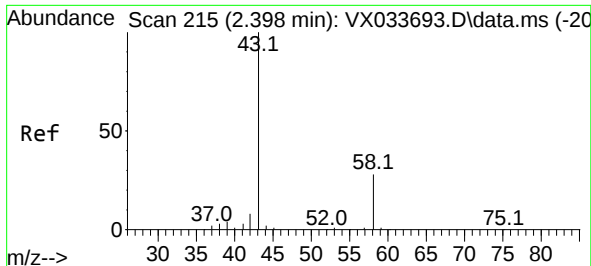
Tgt Ion:168 Resp: 158353
Ion Ratio Lower Upper
168 100
99 46.3 39.6 59.4



#11
Tert butyl alcohol
Concen: 0.763 ug/l
RT: 2.935 min Scan# 303
Delta R.T. -0.085 min
Lab File: VX033882.D
Acq: 25 Jan 2023 11:32

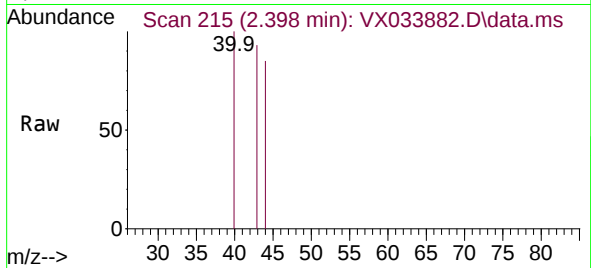
Tgt Ion: 59 Resp: 221
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#



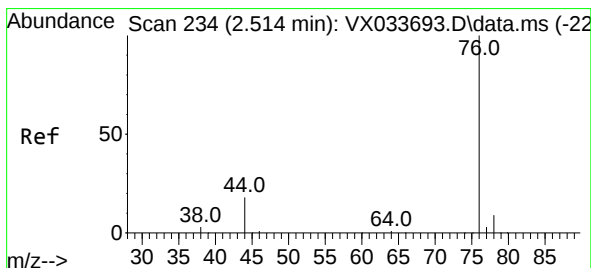
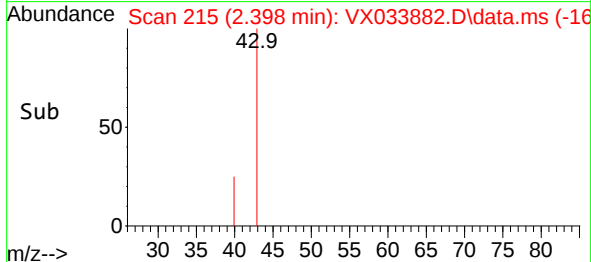
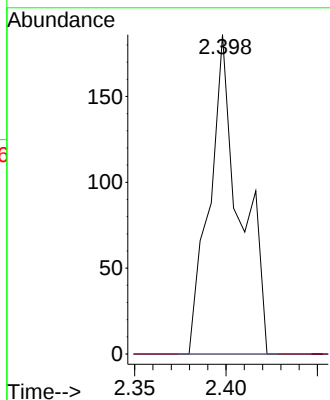


#16
Acetone
Concen: Below Cal
RT: 2.398 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX033882.D
Acq: 25 Jan 2023 11:32

Instrument :
MSVOA_X
ClientSampleId :

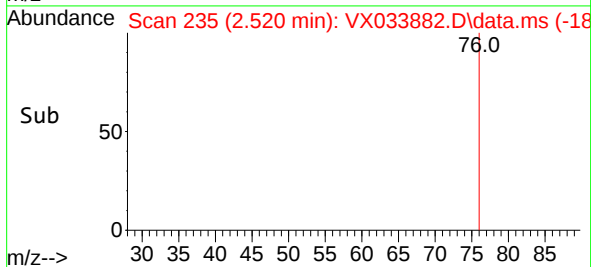
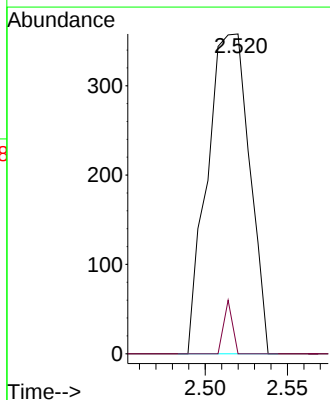
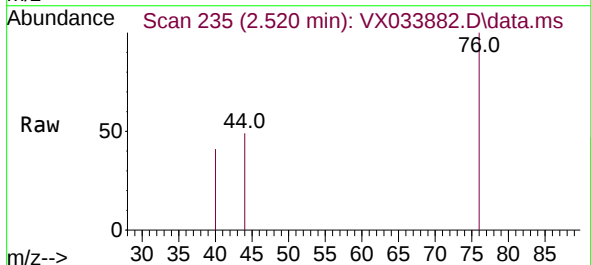


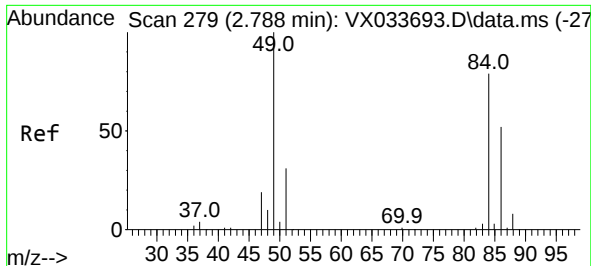
Tgt Ion: 43 Resp: 216
Ion Ratio Lower Upper
43 100
58 0.0 22.6 33.8#



#17
Carbon Disulfide
Concen: 2.011 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX033882.D
Acq: 25 Jan 2023 11:32

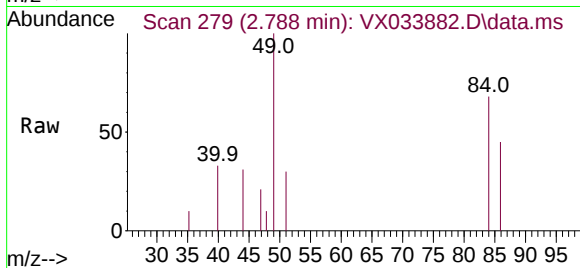
Tgt Ion: 76 Resp: 638
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



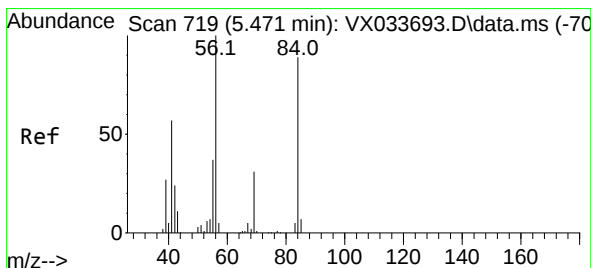
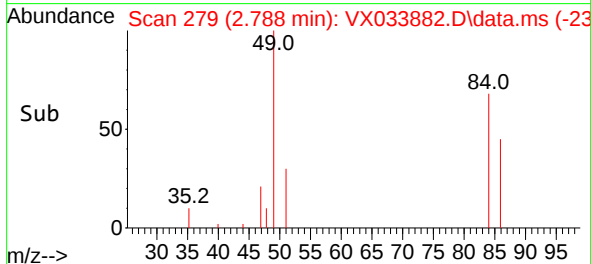
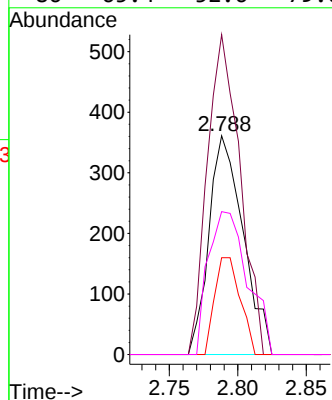


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033882.D
Acq: 25 Jan 2023 11:32

Instrument :
MSVOA_X
ClientSampleId :

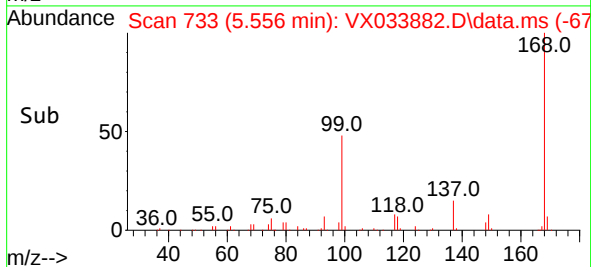
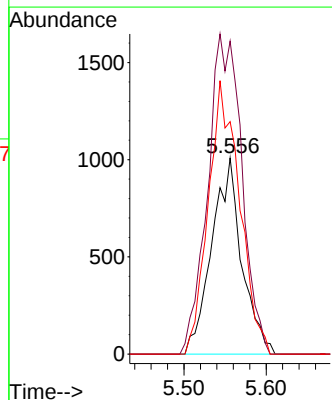
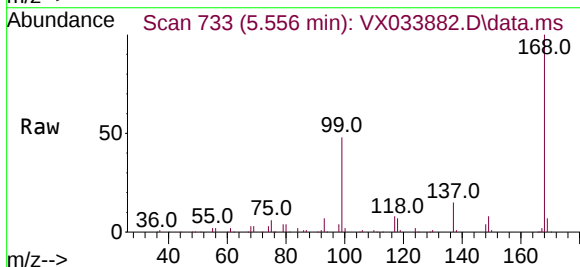


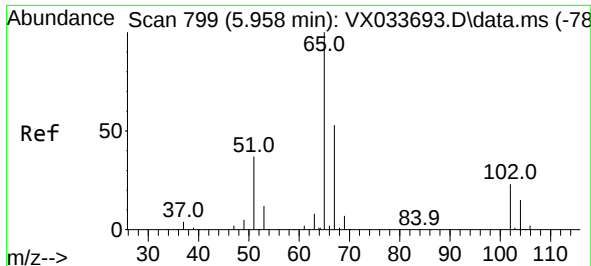
Tgt Ion:	84	Resp:	626
Ion	Ratio	Lower	Upper
84	100		
49	146.3	101.1	151.7
51	44.3	31.0	46.6
86	65.4	52.6	79.0



#31
Cyclohexane
Concen: 1.043 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX033882.D
Acq: 25 Jan 2023 11:32

Tgt Ion:	56	Resp:	2558
Ion	Ratio	Lower	Upper
56	100		
69	159.6	24.6	37.0#
84	118.5	71.0	106.6#

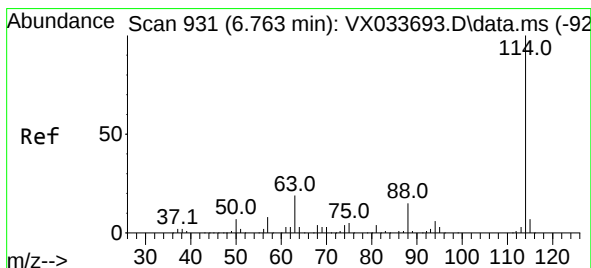
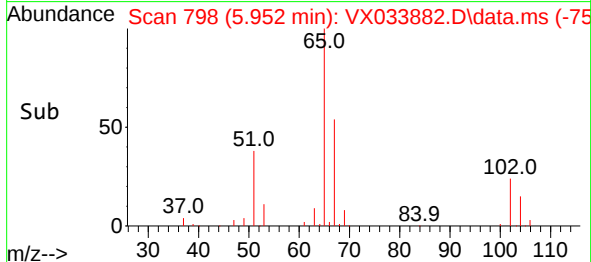
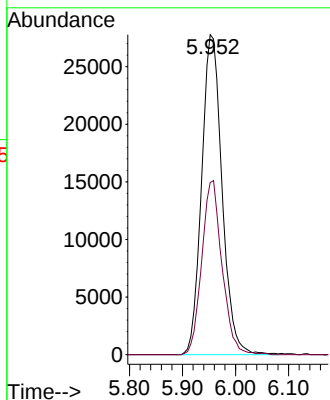
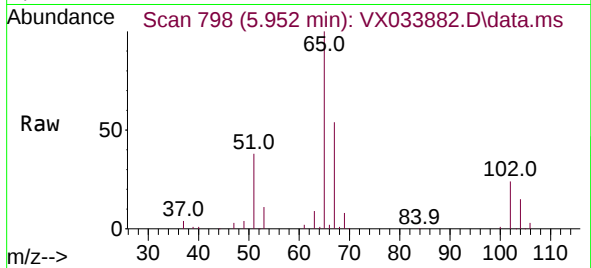




#33
 1,2-Dichloroethane-d4
 Concen: 44.642 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX033882.D
 Acq: 25 Jan 2023 11:32

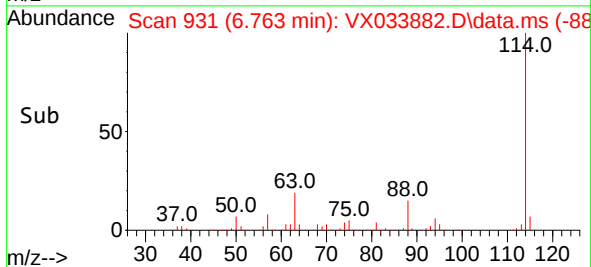
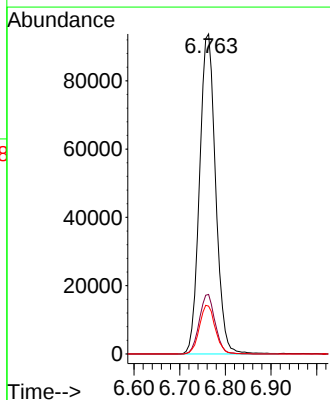
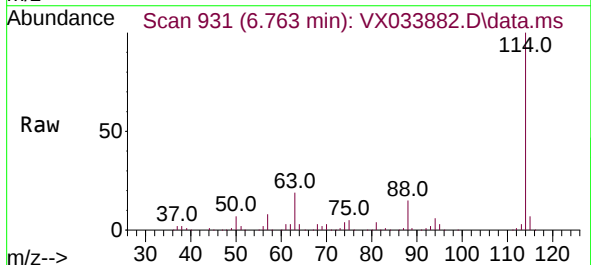
Instrument :
 MSVOA_X
 ClientSampleId :

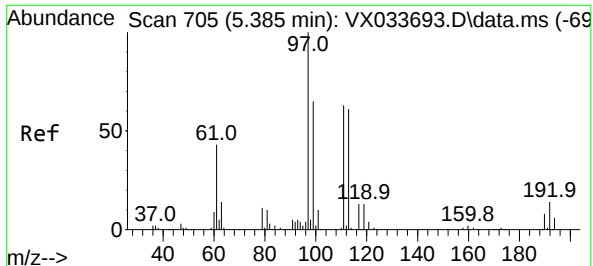
Tgt Ion: 65 Resp: 74432
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX033882.D
 Acq: 25 Jan 2023 11:32

Tgt Ion: 114 Resp: 228693
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 37.4
 88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.975 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

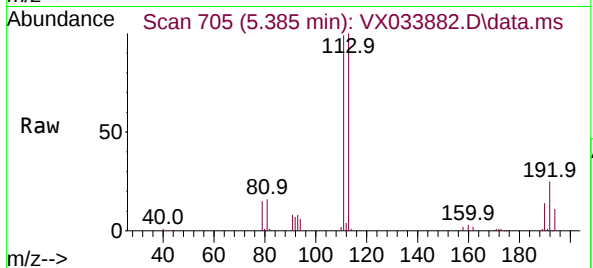
Lab File: VX033882.D

Acq: 25 Jan 2023 11:32

Instrument :

MSVOA_X

ClientSampleId :



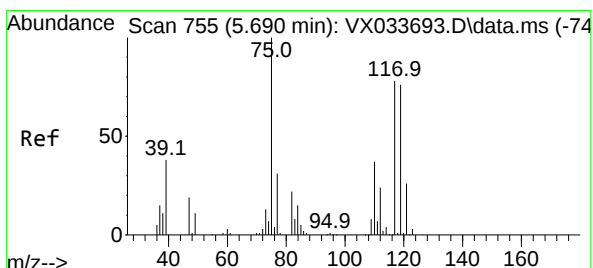
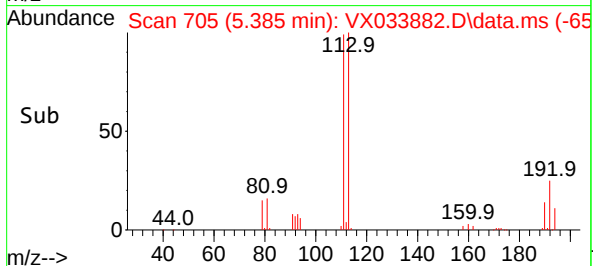
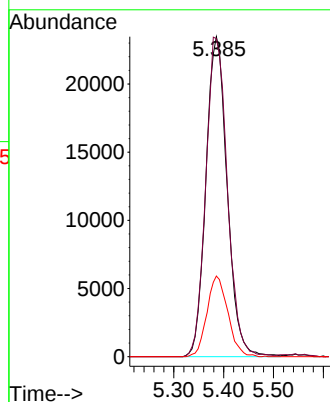
Tgt Ion:113 Resp: 69547

Ion Ratio Lower Upper

113 100

111 101.5 83.0 124.6

192 24.7 19.0 28.4



#36

1,1-Dichloropropene

Concen: 4.385 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX033882.D

Acq: 25 Jan 2023 11:32

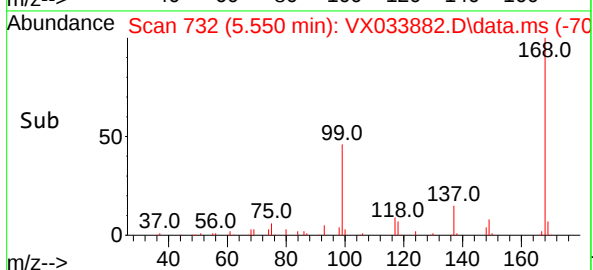
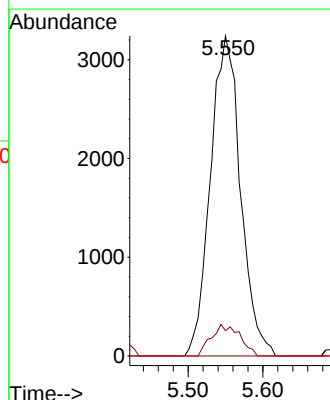
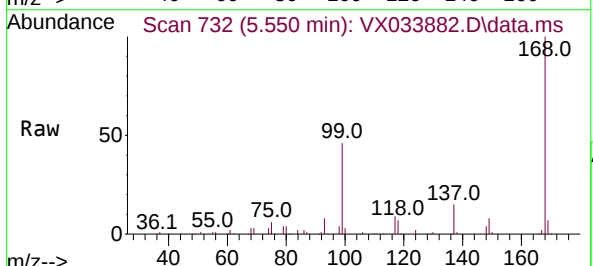
Tgt Ion: 75 Resp: 9087

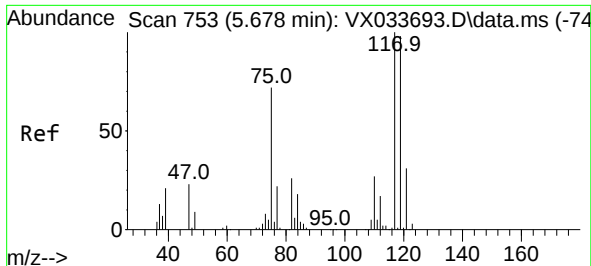
Ion Ratio Lower Upper

75 100

110 9.3 18.8 56.4#

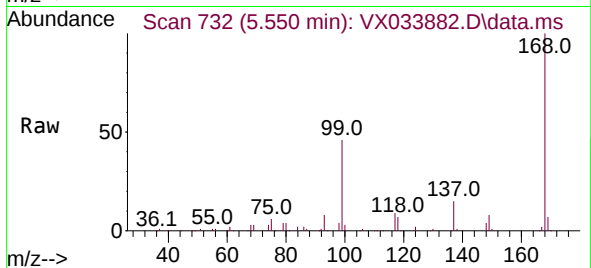
77 0.0 25.1 37.7#



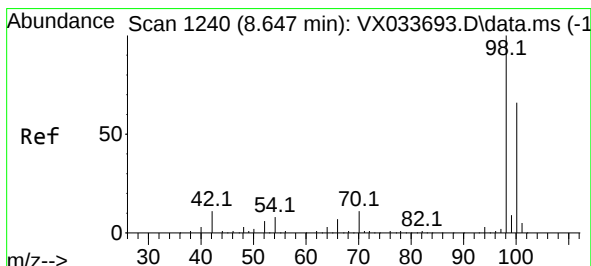
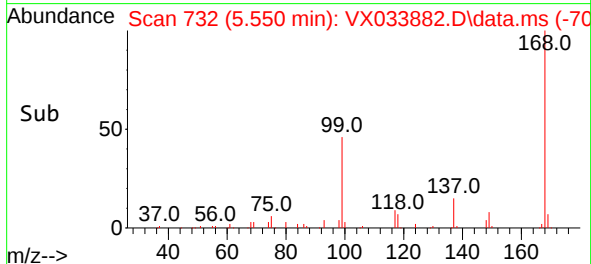
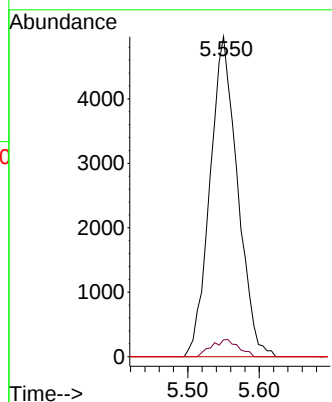


#38
Carbon Tetrachloride
Concen: 6.196 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033882.D
Acq: 25 Jan 2023 11:32

Instrument :
MSVOA_X
ClientSampleId :

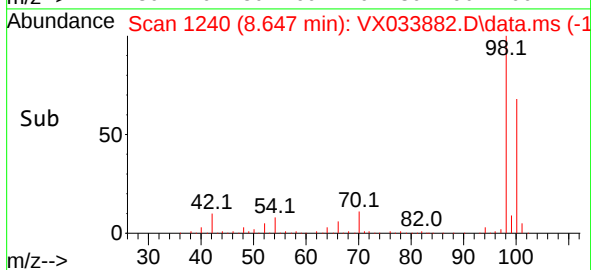
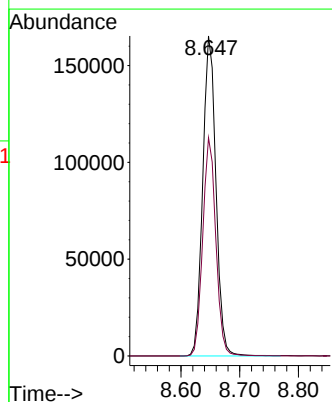
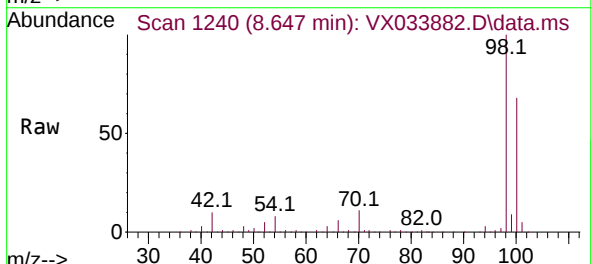


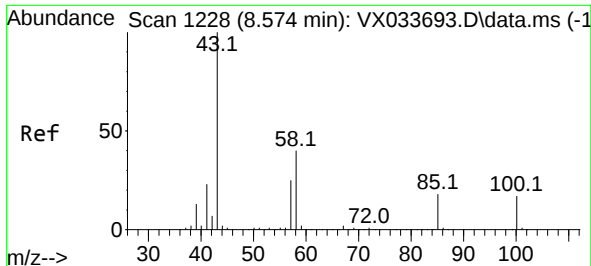
Tgt Ion:117 Resp: 13300
Ion Ratio Lower Upper
117 100
119 5.3 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.900 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX033882.D
Acq: 25 Jan 2023 11:32

Tgt Ion: 98 Resp: 258183
Ion Ratio Lower Upper
98 100
100 67.7 53.6 80.4





#51

4-Methyl-2-Pentanone

Concen: 0.501 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX033882.D

Acq: 25 Jan 2023 11:32

Instrument :

MSVOA_X

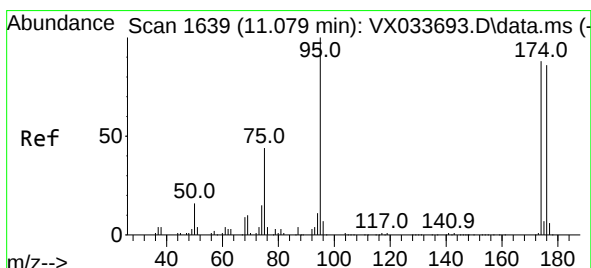
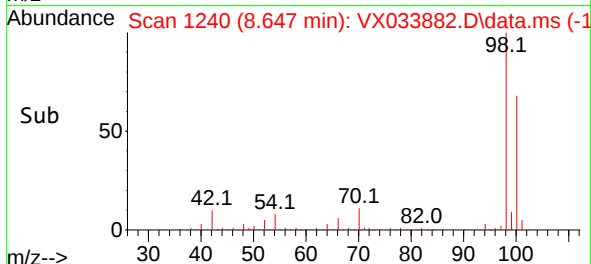
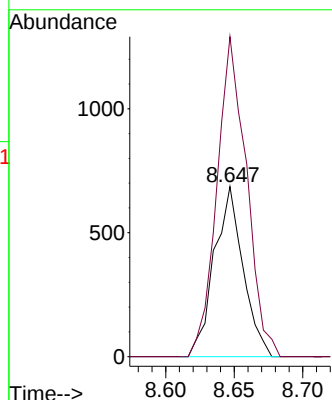
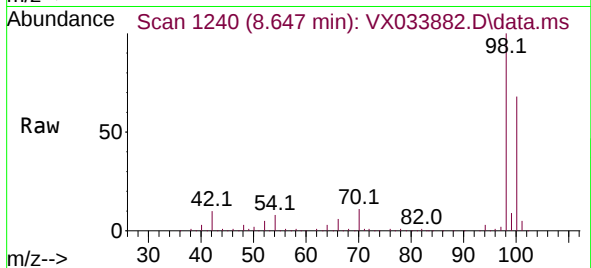
ClientSampleId :

Tgt Ion: 43 Resp: 1006

Ion Ratio Lower Upper

43 100

58 192.7 31.2 46.8#



#62

4-Bromofluorobenzene

Concen: 46.234 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033882.D

Acq: 25 Jan 2023 11:32

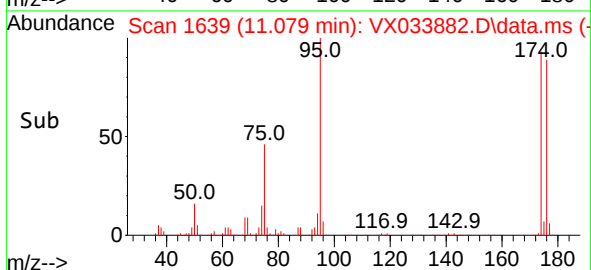
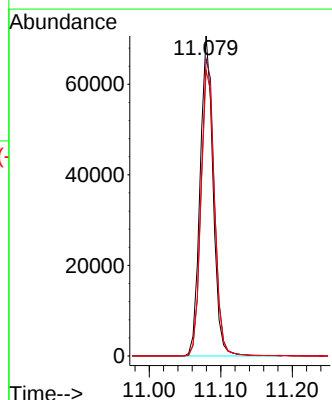
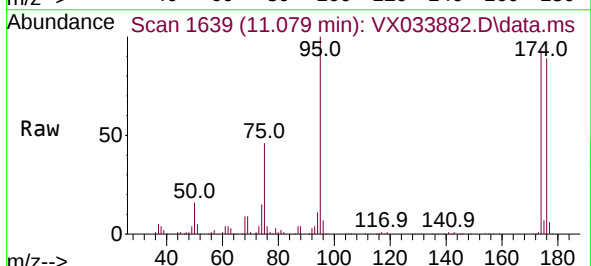
Tgt Ion: 95 Resp: 88816

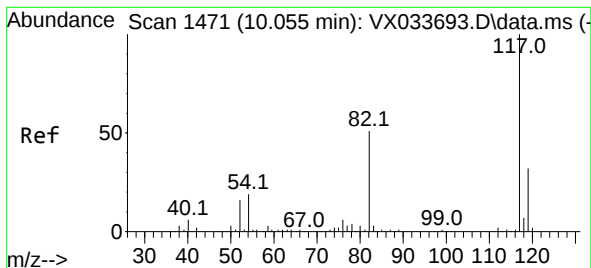
Ion Ratio Lower Upper

95 100

174 96.6 0.0 184.4

176 93.5 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: VX033882.D

Acq: 25 Jan 2023 11:32

Instrument :

MSVOA_X

ClientSampleId :

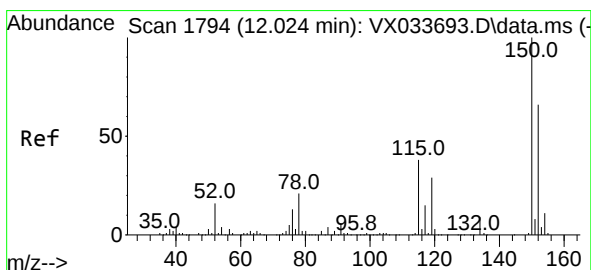
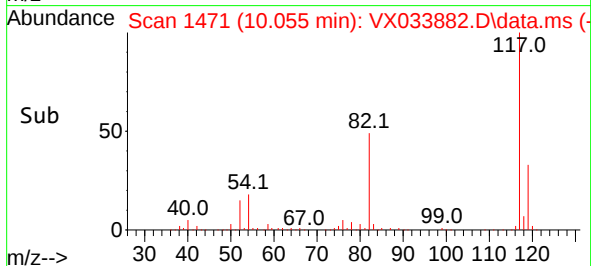
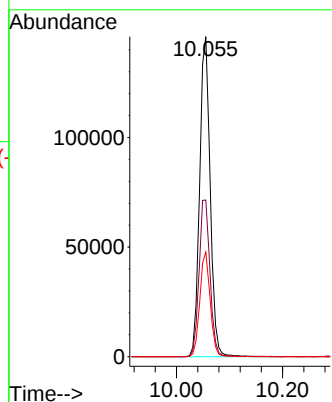
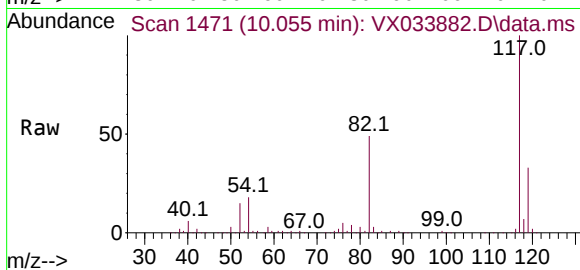
Tgt Ion:117 Resp: 201550

Ion Ratio Lower Upper

117 100

82 48.9 40.6 60.8

119 32.7 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: VX033882.D

Acq: 25 Jan 2023 11:32

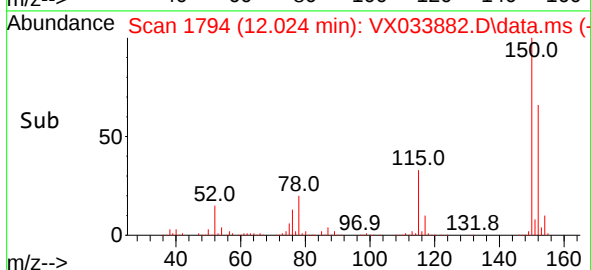
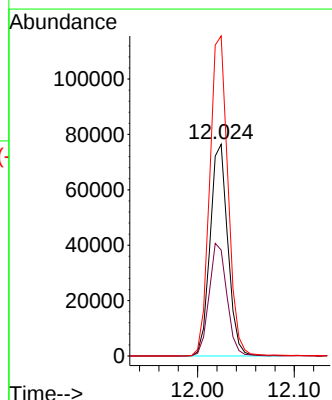
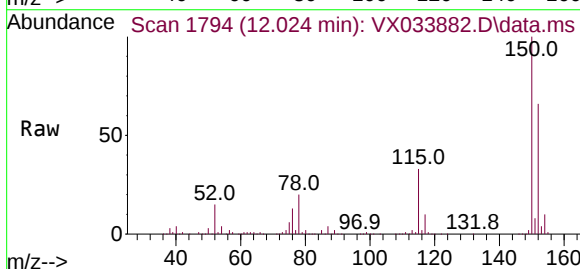
Tgt Ion:152 Resp: 97121

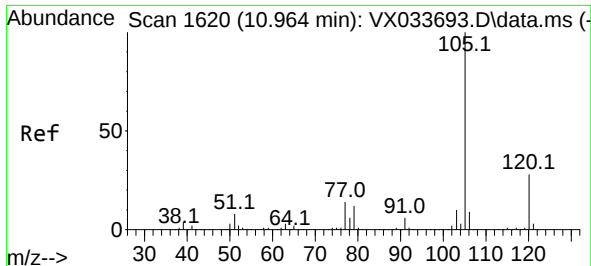
Ion Ratio Lower Upper

152 100

115 53.4 38.7 116.1

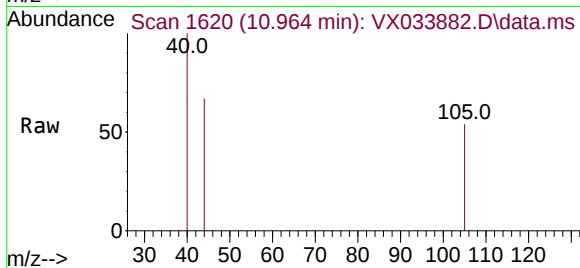
150 156.0 0.0 348.2



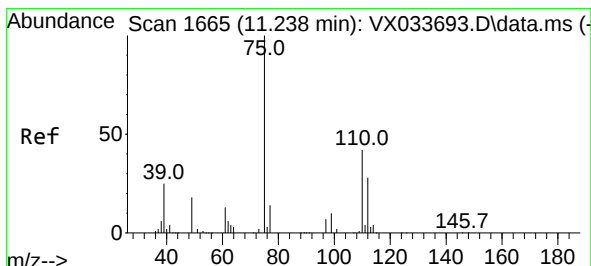
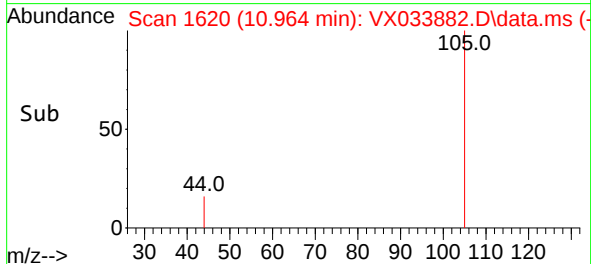
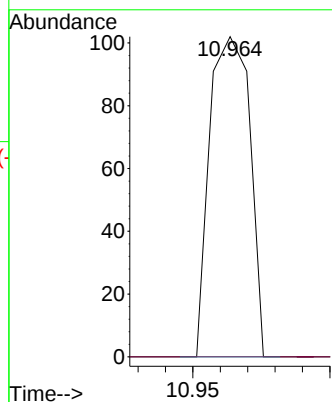


#73
Isopropylbenzene
Concen: Below Cal
RT: 10.964 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX033882.D
Acq: 25 Jan 2023 11:32

Instrument :
MSVOA_X
ClientSampleId :

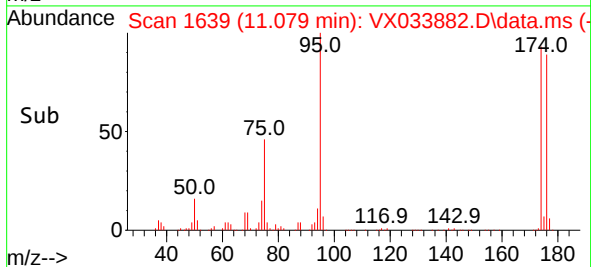
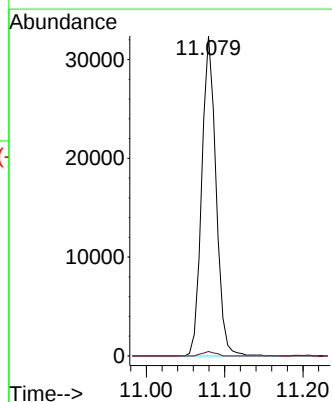
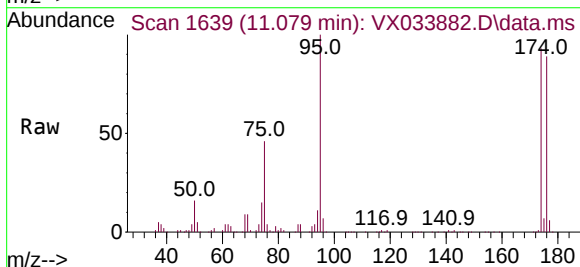


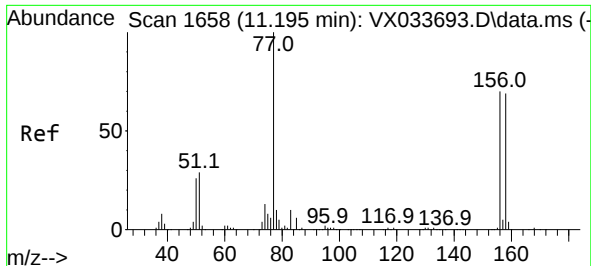
Tgt Ion:105 Resp: 104
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#



#76
1,2,3-Trichloropropane
Concen: 22.964 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX033882.D
Acq: 25 Jan 2023 11:32

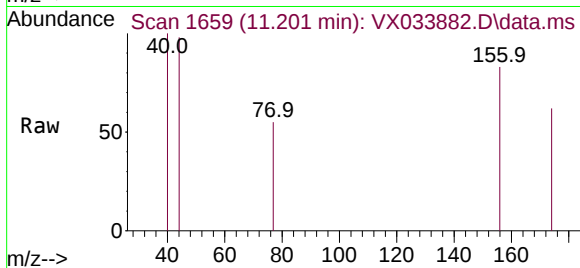
Tgt Ion: 75 Resp: 40978
Ion Ratio Lower Upper
75 100
77 1.3 21.8 65.4#



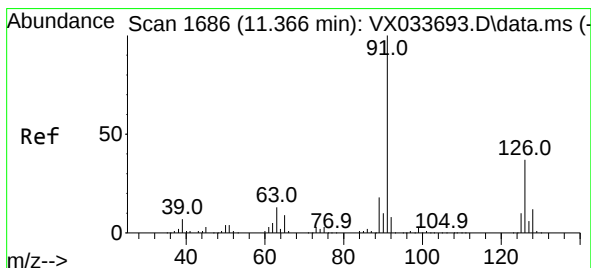
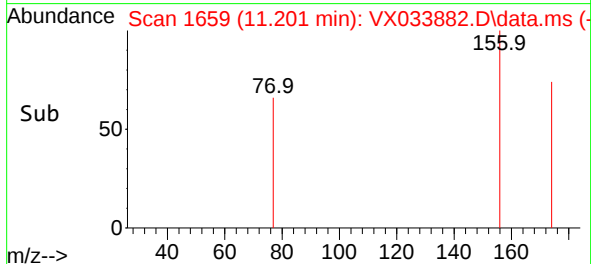
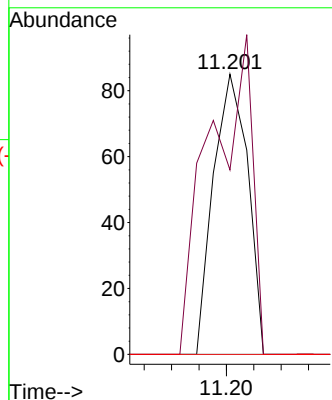


#77
Bromobenzene
Concen: Below Cal
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX033882.D
Acq: 25 Jan 2023 11:32

Instrument :
MSVOA_X
ClientSampleId :

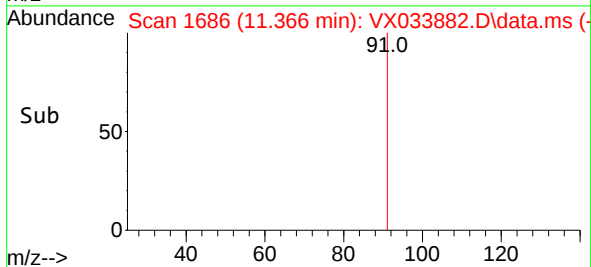
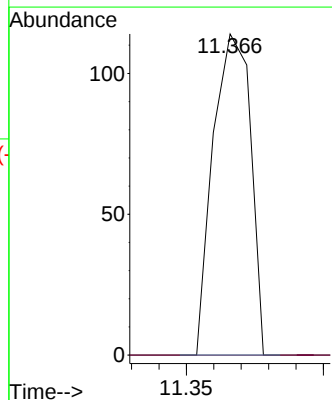
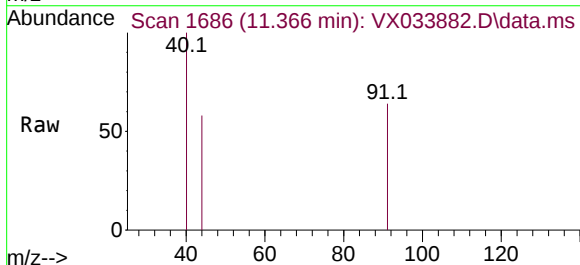


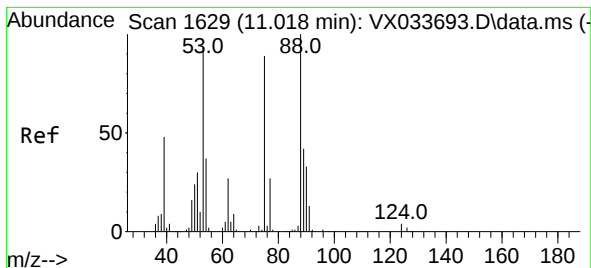
Tgt Ion:156 Resp: 74
Ion Ratio Lower Upper
156 100
77 139.2 68.1 204.3
158 0.0 48.0 144.2#



#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033882.D
Acq: 25 Jan 2023 11:32

Tgt Ion: 91 Resp: 108
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#

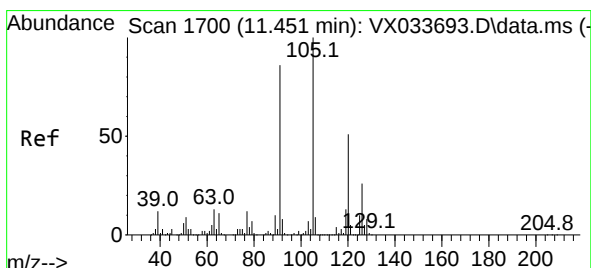
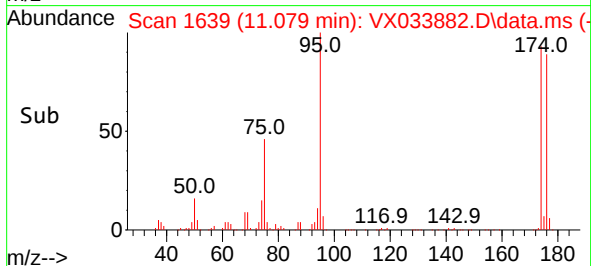
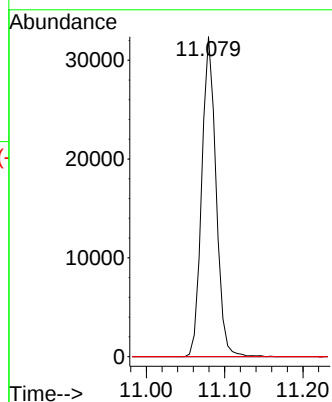
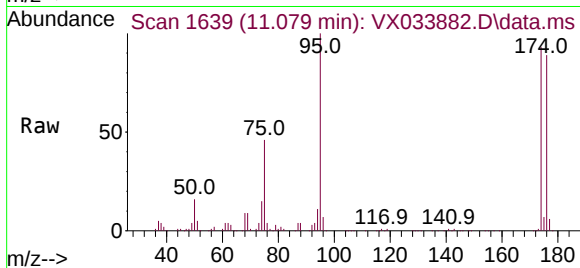




#81
trans-1,4-Dichloro-2-butene
Concen: 71.369 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX033882.D
Acq: 25 Jan 2023 11:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 40978
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#



#82
4-Chlorotoluene
Concen: Below Cal
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX033882.D
Acq: 25 Jan 2023 11:32

Tgt Ion: 91 Resp: 196
Ion Ratio Lower Upper
91 100
126 13.8 15.8 47.4#

