

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100522\
 Data File : VX031903.D
 Acq On : 05 Oct 2022 18:26
 Operator : JC/MD
 Sample : N5005-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 06 06:48:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 05 12:20:53 2022
 Response via : Initial Calibration

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

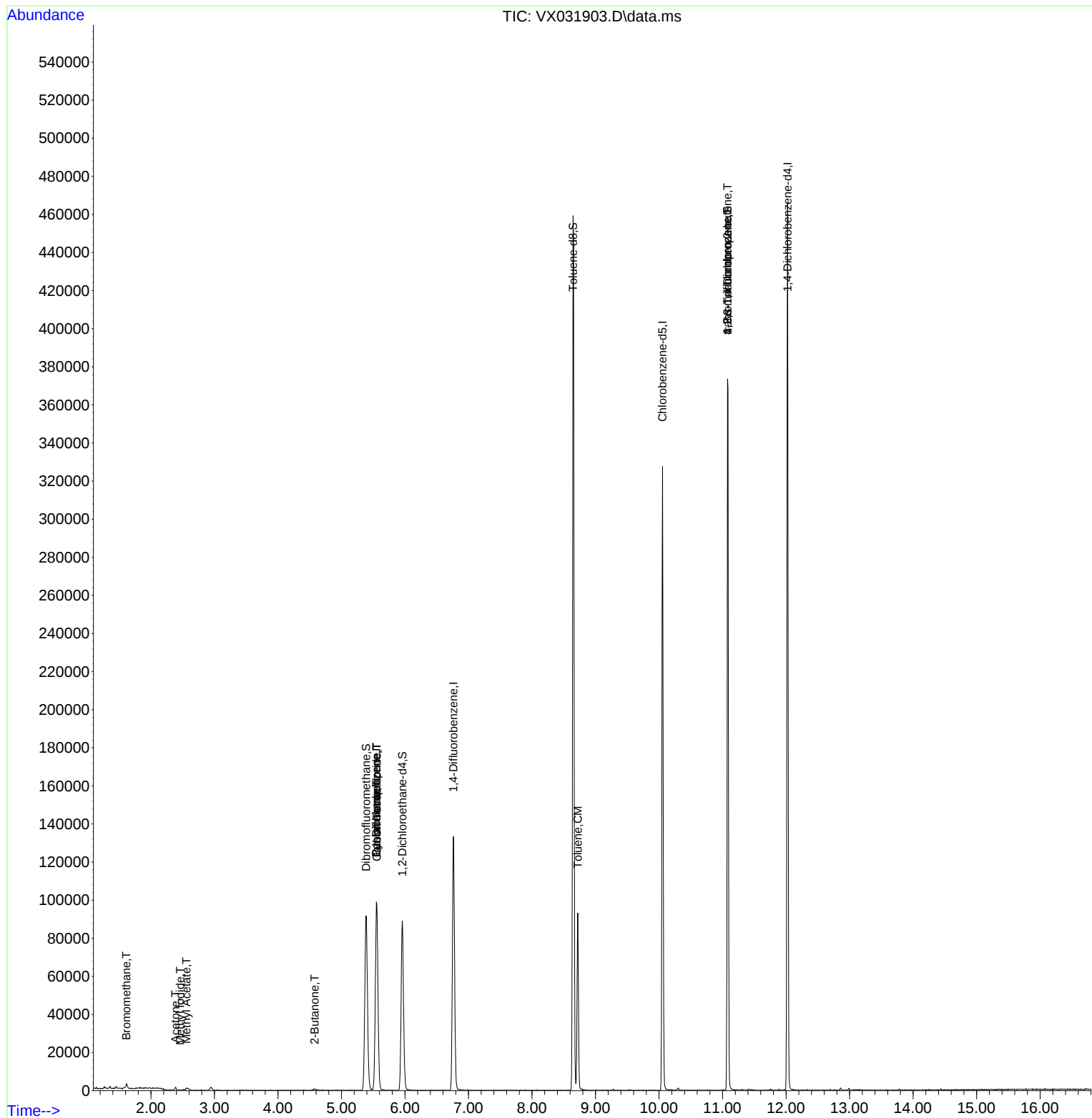
Internal Standards						
1) Pentafluorobenzene	5.550	168	104742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	151092	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160706	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83482	52.917	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.840%	
35) Dibromofluoromethane	5.385	113	79418	48.042	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.080%	
50) Toluene-d8	8.647	98	291340	49.754	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.500%	
62) 4-Bromofluorobenzene	11.079	95	99780	47.372	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.740%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	514	0.398	ug/l	92
6) Chloroethane	1.684	64	24	Below Cal	#	43
10) Methyl Iodide	2.459	142	167	3.194	ug/l	# 38
11) Tert butyl alcohol	2.946	59	1163	Below Cal	#	73
16) Acetone	2.385	43	1437	3.145	ug/l	# 84
18) Methyl Acetate	2.556	43	351	0.237	ug/l	# 52
25) 2-Butanone	4.574	43	394	0.541	ug/l	# 49
31) Cyclohexane	5.550	56	1660	0.911	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	6378	3.324	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	9790	4.333	ug/l	# 15
52) Toluene	8.720	92	36734	8.992	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	46008	26.754	ug/l	# 36
81) trans-1,4-Dichloro-2-b...	11.079	75	46008	88.472	ug/l	# 11

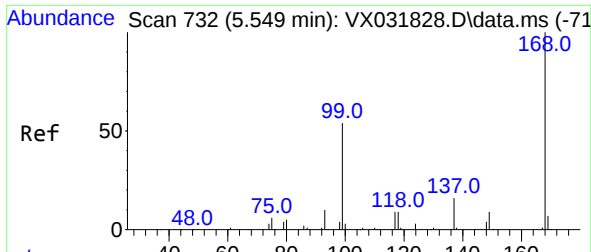
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100522\
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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
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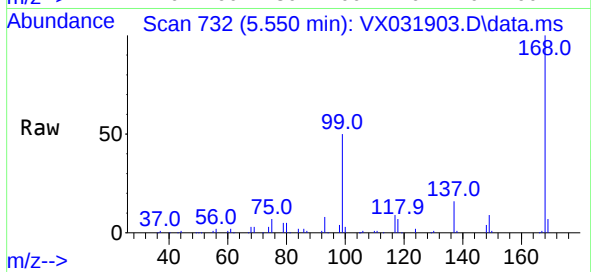
Quant Time: Oct 06 06:48:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100522W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 05 12:20:53 2022
Response via : Initial Calibration



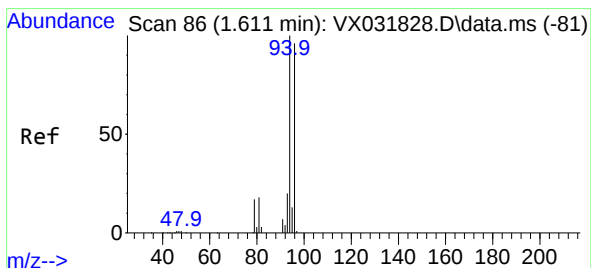
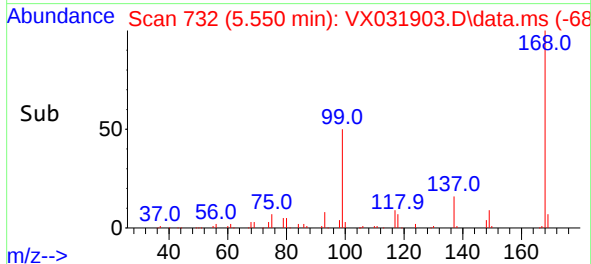
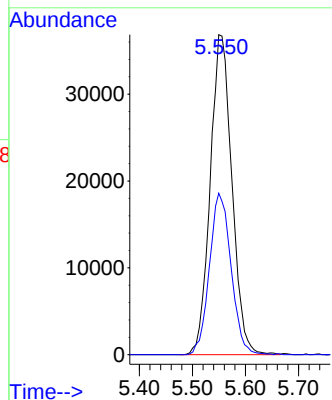


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031903.D
Acq: 05 Oct 2022 18:26

Instrument :
MSVOA_X
ClientSampleId :

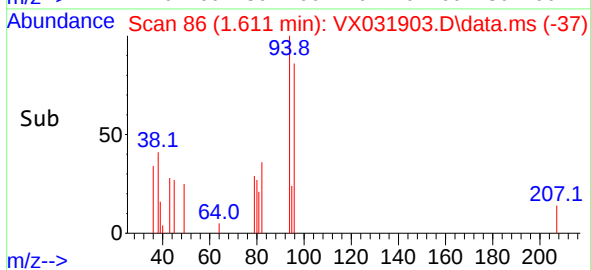
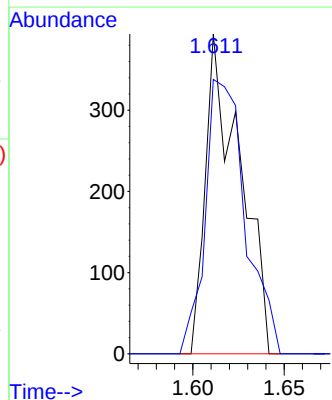
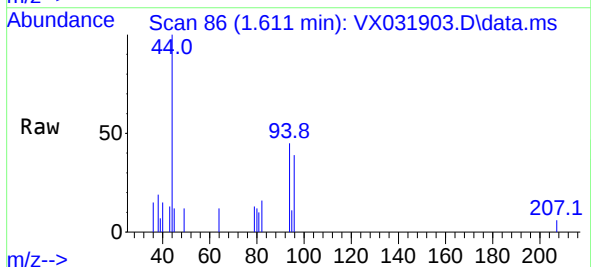


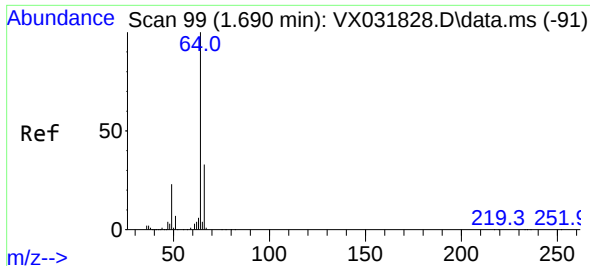
Tgt Ion:168 Resp: 104742
Ion Ratio Lower Upper
168 100
99 50.5 48.8 73.2



#5
Bromomethane
Concen: 0.398 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX031903.D
Acq: 05 Oct 2022 18:26

Tgt Ion: 94 Resp: 514
Ion Ratio Lower Upper
94 100
96 85.8 74.4 111.6

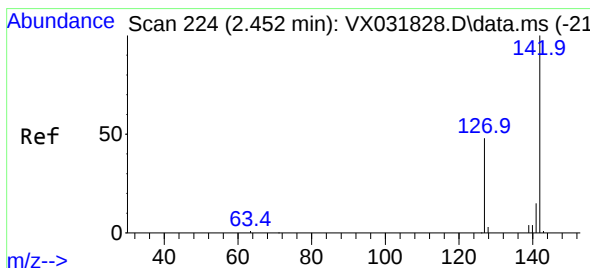
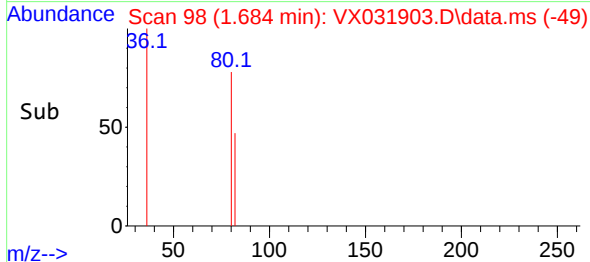
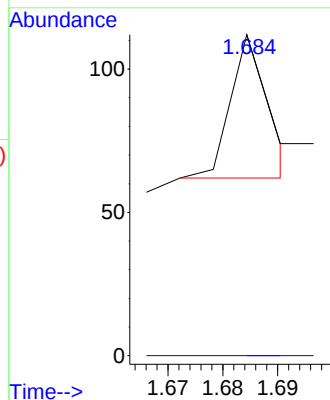
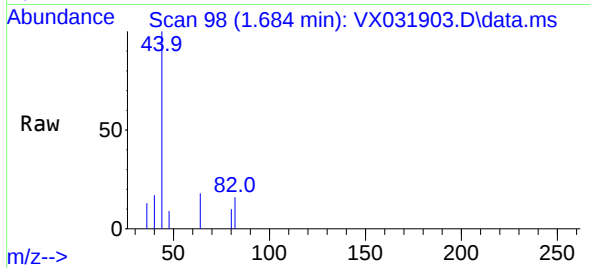




#6
Chloroethane
Concen: Below Cal
RT: 1.684 min Scan# 91
Delta R.T. -0.001 min
Lab File: VX031903.D
Acq: 05 Oct 2022 18:26

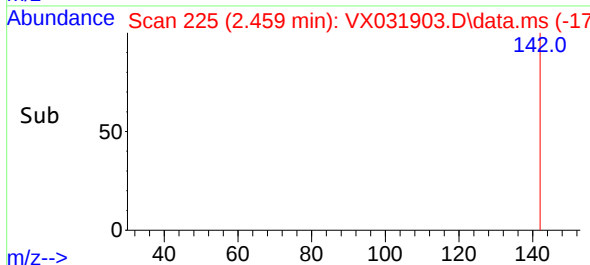
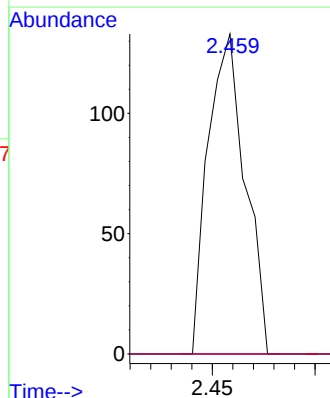
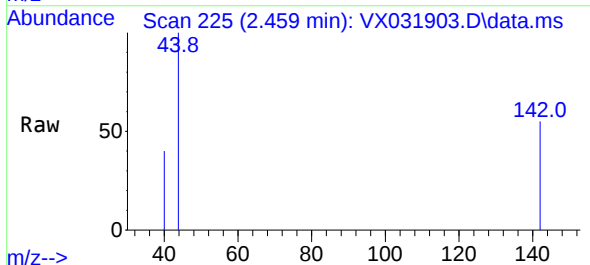
Instrument :
MSVOA_X
ClientSampleId :

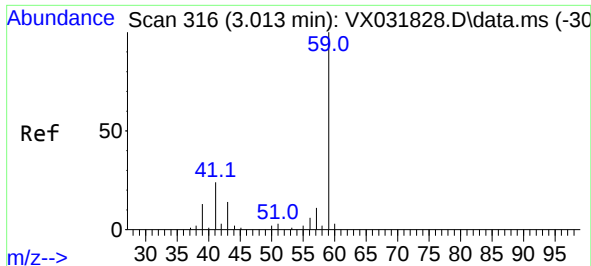
Tgt Ion: 64 Resp: 24
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 3.194 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX031903.D
Acq: 05 Oct 2022 18:26

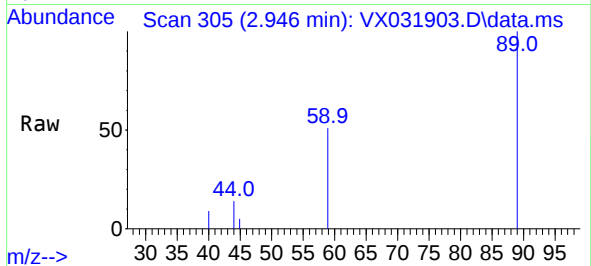
Tgt Ion: 142 Resp: 167
Ion Ratio Lower Upper
142 100
127 0.0 37.4 56.0#
141 0.0 11.6 17.4#



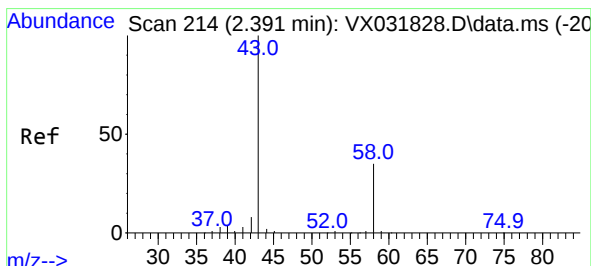
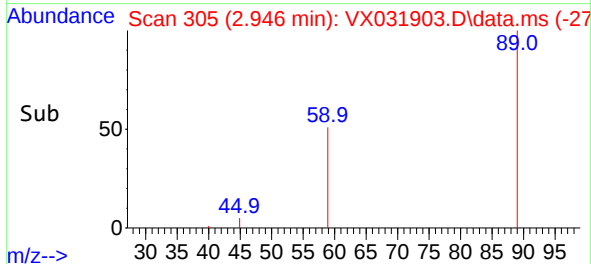
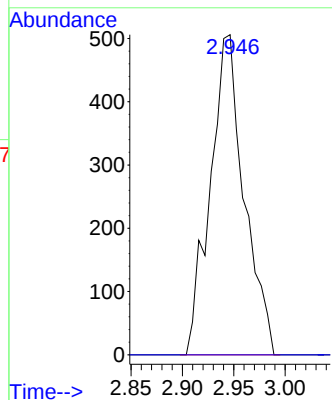


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 30
Delta R.T. -0.135 min
Lab File: VX031903.D
Acq: 05 Oct 2022 18:26

Instrument :
MSVOA_X
ClientSampleId :

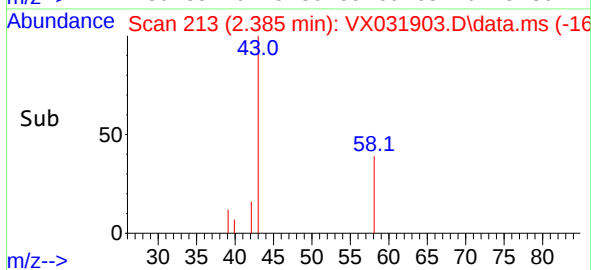
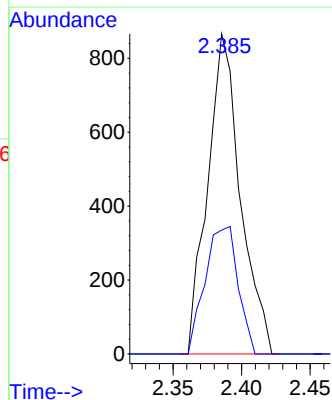
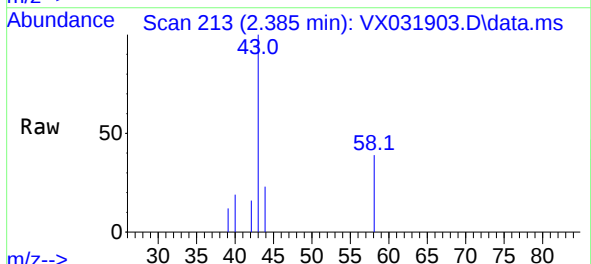


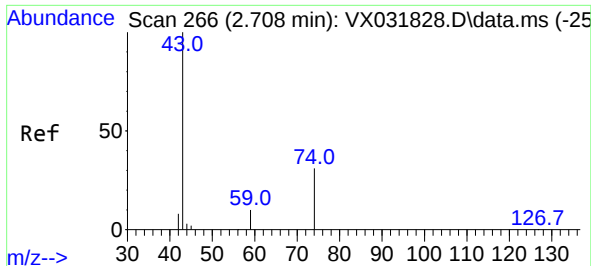
Tgt Ion: 59 Resp: 1163
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 3.145 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX031903.D
Acq: 05 Oct 2022 18:26

Tgt Ion: 43 Resp: 1437
Ion Ratio Lower Upper
43 100
58 38.7 23.8 35.8#





#18

Methyl Acetate

Concen: 0.237 ug/l

RT: 2.556 min Scan# 241

Delta R.T. -0.153 min

Lab File: VX031903.D

Acq: 05 Oct 2022 18:26

Instrument :

MSVOA_X

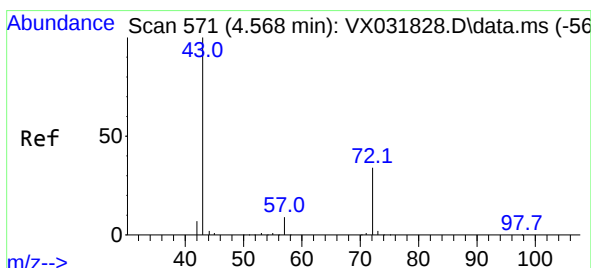
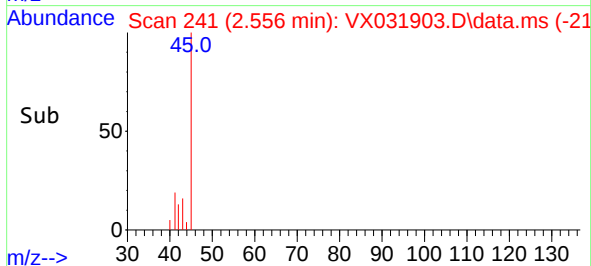
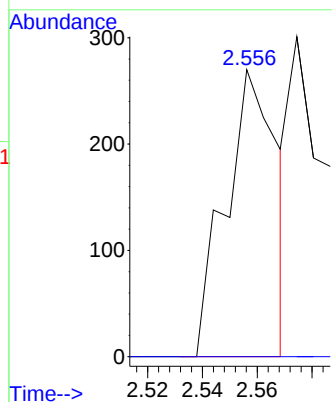
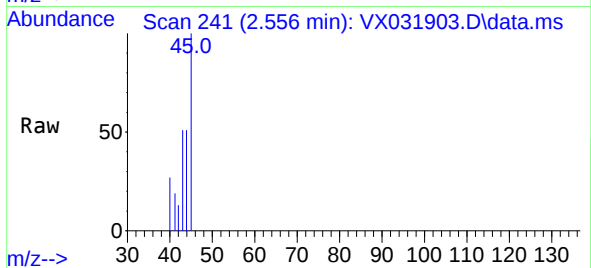
ClientSampleId :

Tgt Ion: 43 Resp: 351

Ion Ratio Lower Upper

43 100

74 0.0 18.6 27.8#



#25

2-Butanone

Concen: 0.541 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.006 min

Lab File: VX031903.D

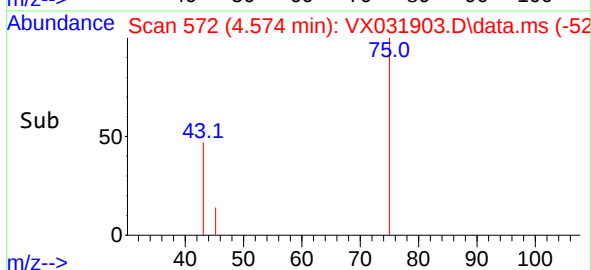
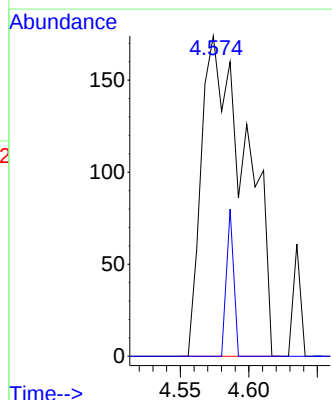
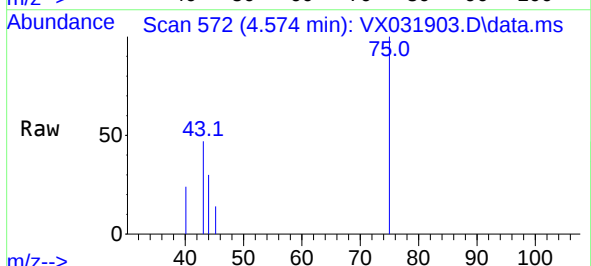
Acq: 05 Oct 2022 18:26

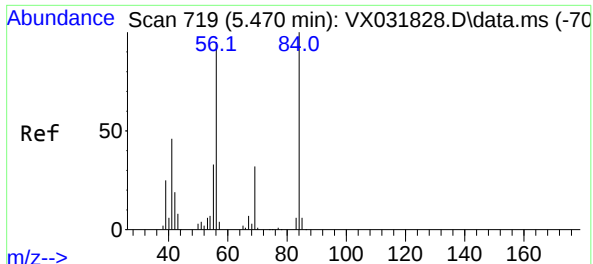
Tgt Ion: 43 Resp: 394

Ion Ratio Lower Upper

43 100

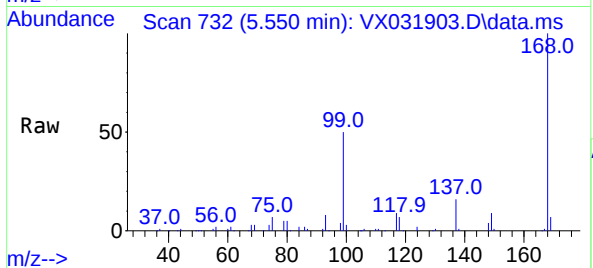
72 0.0 21.1 31.7#



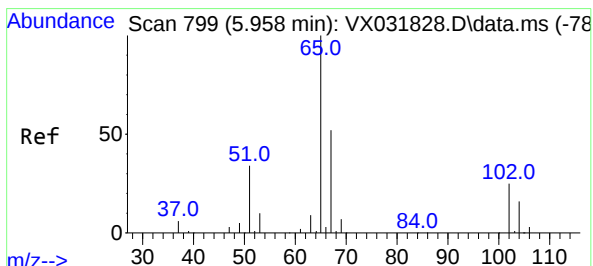
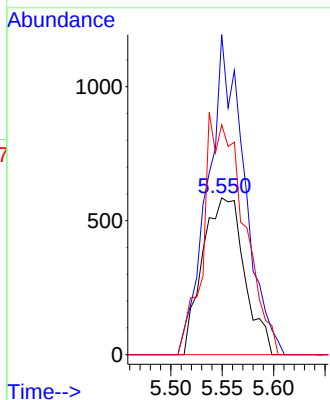
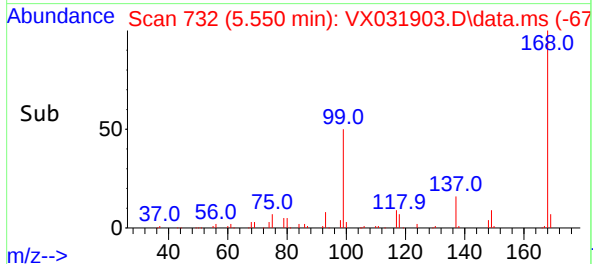


#31
Cyclohexane
Concen: 0.911 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX031903.D
Acq: 05 Oct 2022 18:26

Instrument :
MSVOA_X
ClientSampleId :

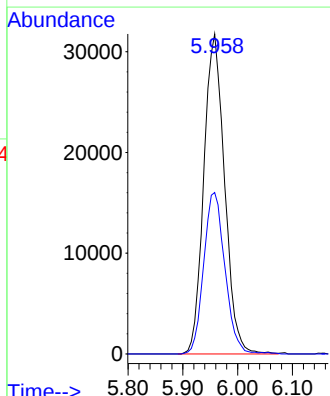
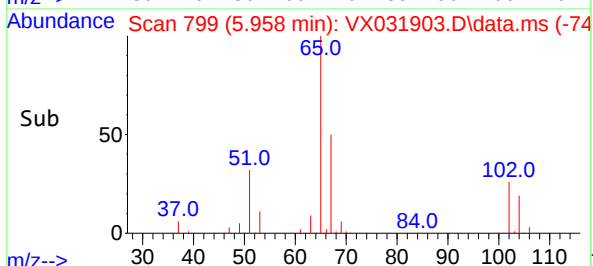
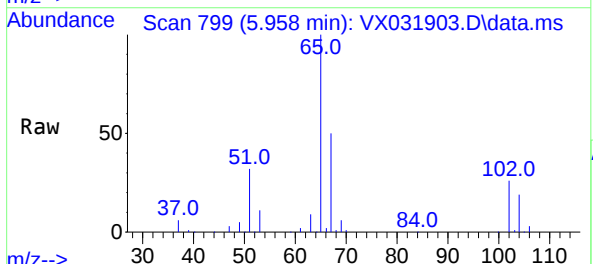


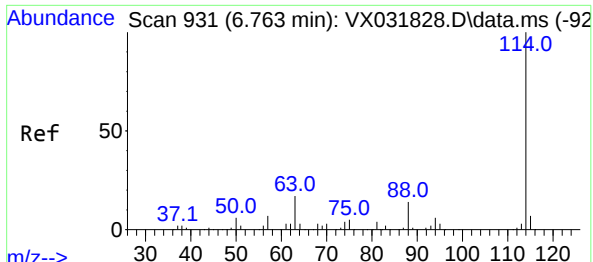
Tgt Ion: 56 Resp: 1660
Ion Ratio Lower Upper
56 100
69 204.1 25.1 37.7#
84 146.7 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 52.917 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX031903.D
Acq: 05 Oct 2022 18:26

Tgt Ion: 65 Resp: 83482
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX031903.D

Acq: 05 Oct 2022 18:26

Instrument :

MSVOA_X

ClientSampleId :

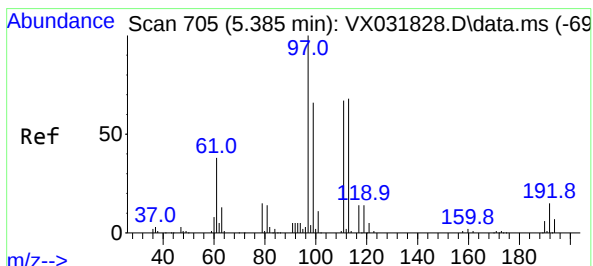
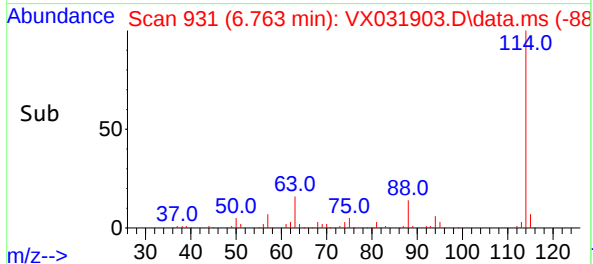
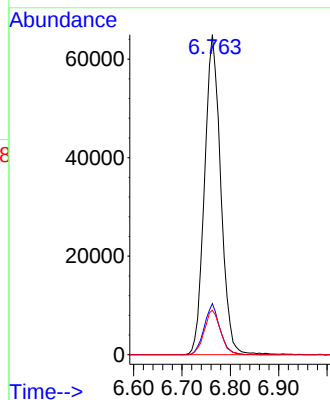
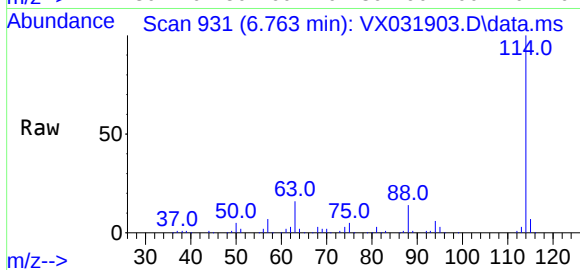
Tgt Ion:114 Resp: 151092

Ion Ratio Lower Upper

114 100

63 15.9 0.0 42.6

88 13.9 0.0 33.0



#35

Dibromofluoromethane

Concen: 48.042 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX031903.D

Acq: 05 Oct 2022 18:26

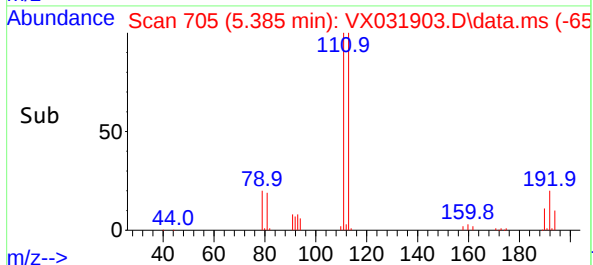
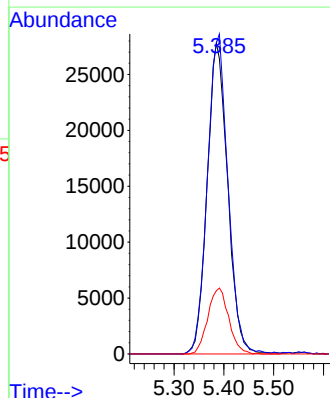
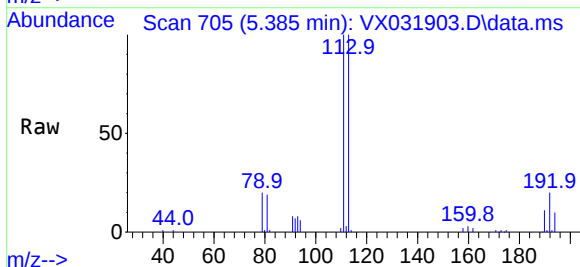
Tgt Ion:113 Resp: 79418

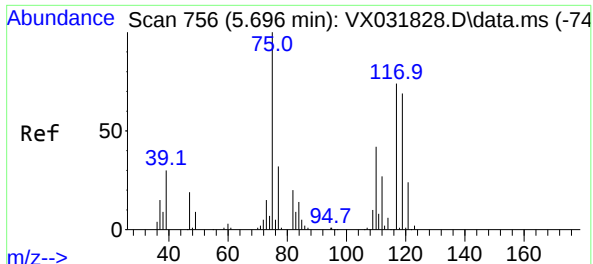
Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

192 21.6 14.1 21.1#





#36

1,1-Dichloropropene

Concen: 3.324 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX031903.D

Acq: 05 Oct 2022 18:26

Instrument :

MSVOA_X

ClientSampleId :

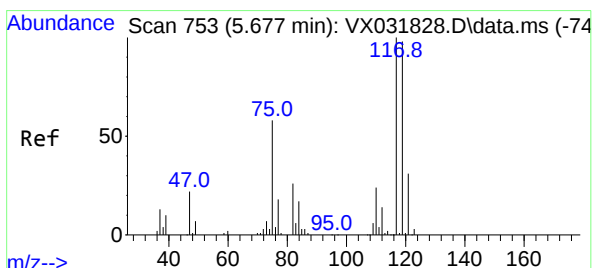
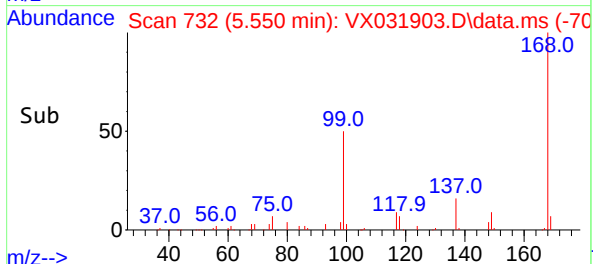
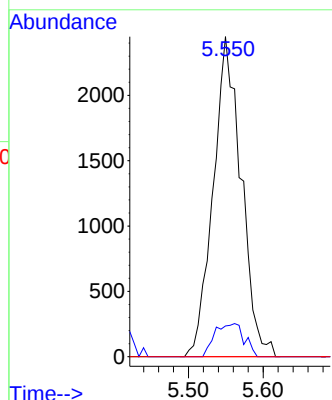
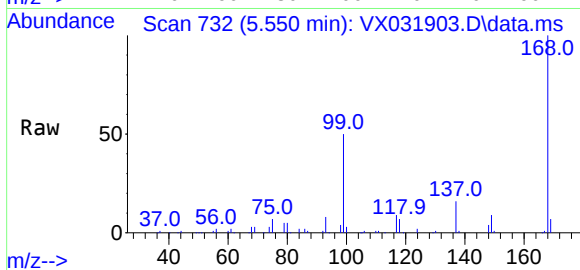
Tgt Ion: 75 Resp: 6378

Ion Ratio Lower Upper

75 100

110 10.9 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 4.333 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX031903.D

Acq: 05 Oct 2022 18:26

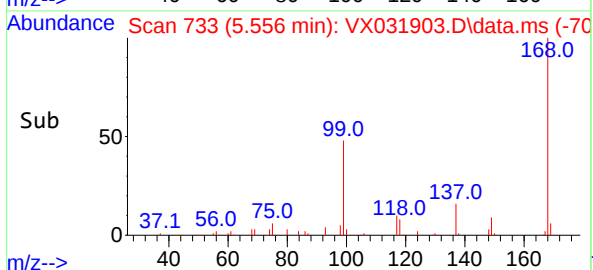
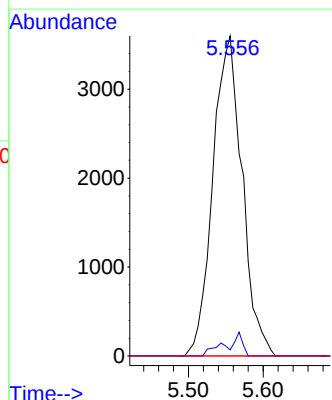
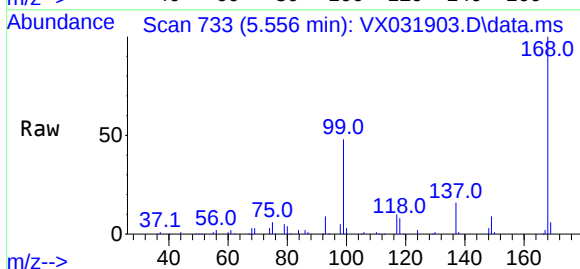
Tgt Ion: 117 Resp: 9790

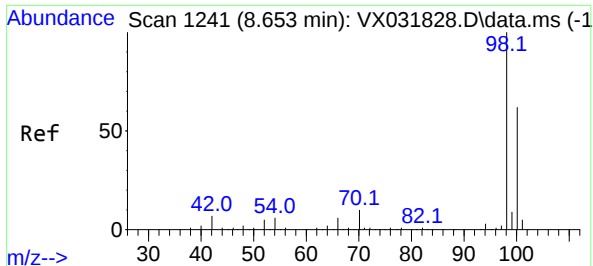
Ion Ratio Lower Upper

117 100

119 1.9 74.6 112.0#

121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 49.754 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX031903.D

Acq: 05 Oct 2022 18:26

Instrument :

MSVOA_X

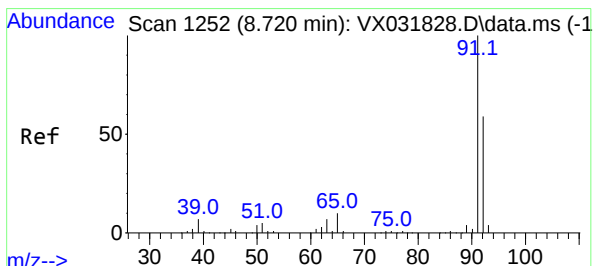
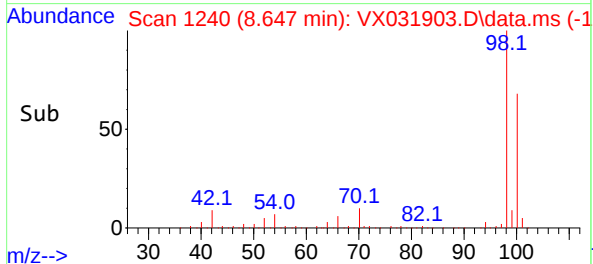
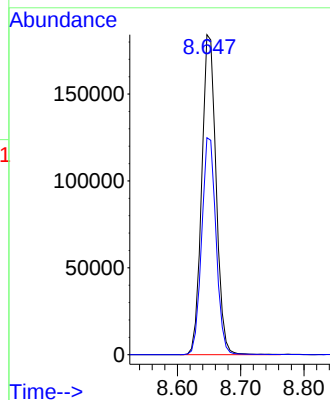
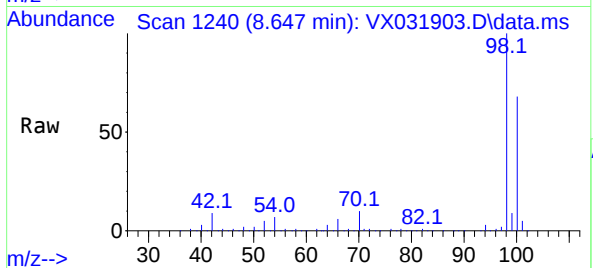
ClientSampleId :

Tgt Ion: 98 Resp: 291340

Ion Ratio Lower Upper

98 100

100 67.7 52.5 78.7



#52

Toluene

Concen: 8.992 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX031903.D

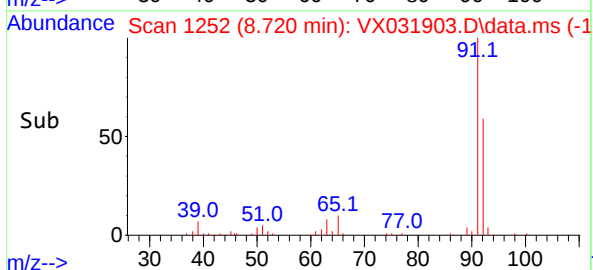
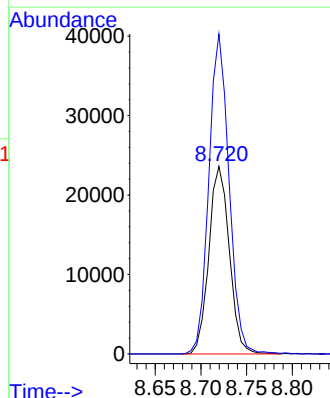
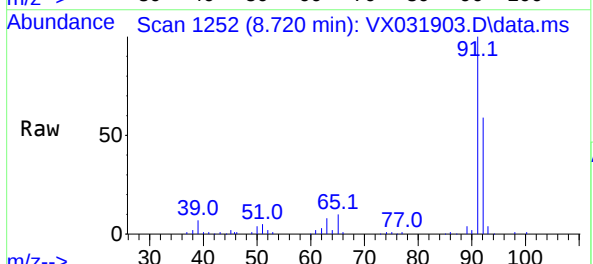
Acq: 05 Oct 2022 18:26

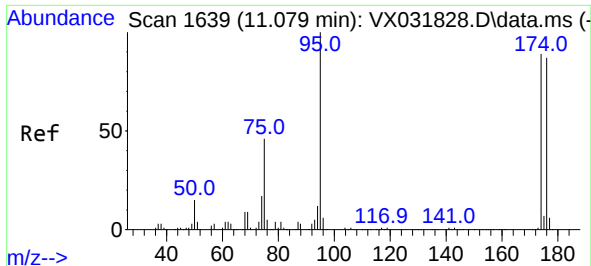
Tgt Ion: 92 Resp: 36734

Ion Ratio Lower Upper

92 100

91 168.1 137.1 205.7

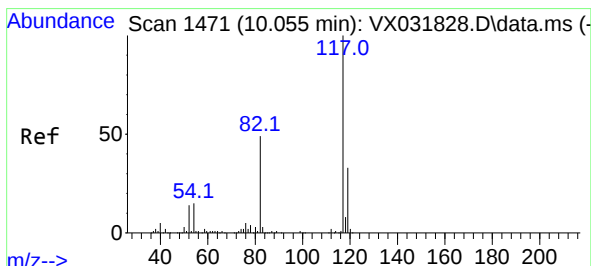
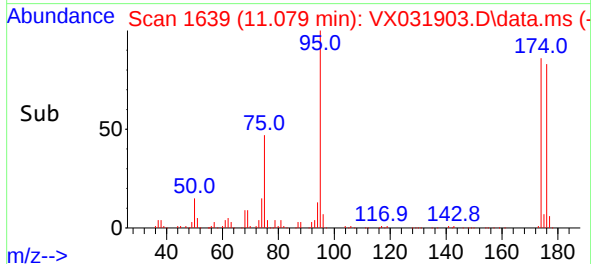
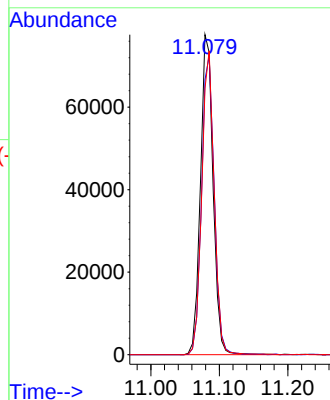
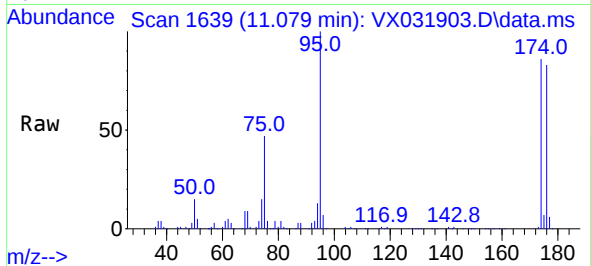




#62
4-Bromofluorobenzene
Concen: 47.372 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031903.D
Acq: 05 Oct 2022 18:26

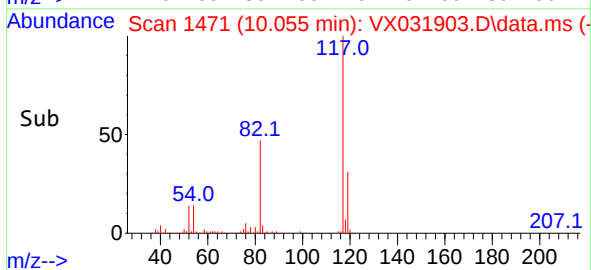
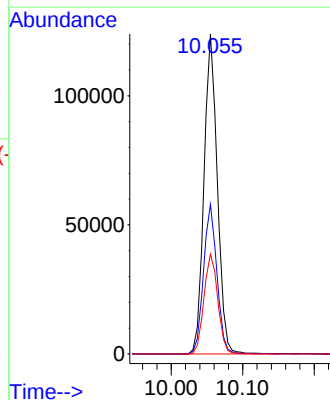
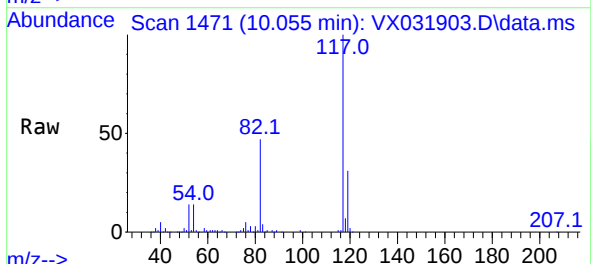
Instrument :
MSVOA_X
ClientSampleId :

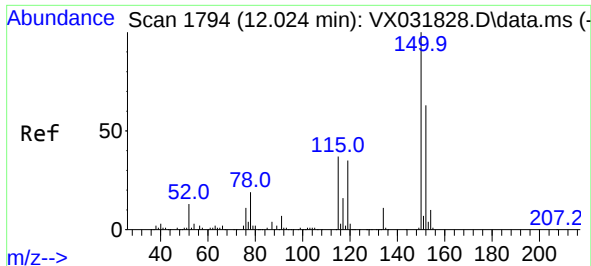
Tgt Ion: 95 Resp: 99780
Ion Ratio Lower Upper
95 100
174 93.6 0.0 153.2
176 92.9 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031903.D
Acq: 05 Oct 2022 18:26

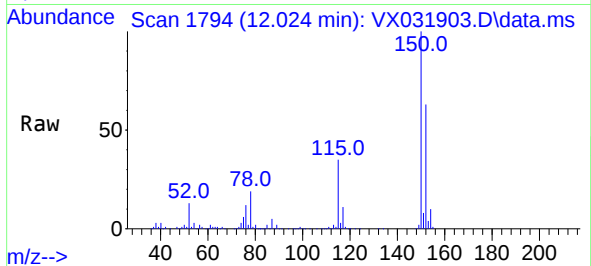
Tgt Ion: 117 Resp: 160706
Ion Ratio Lower Upper
117 100
82 46.8 46.8 70.2#
119 31.2 26.4 39.6



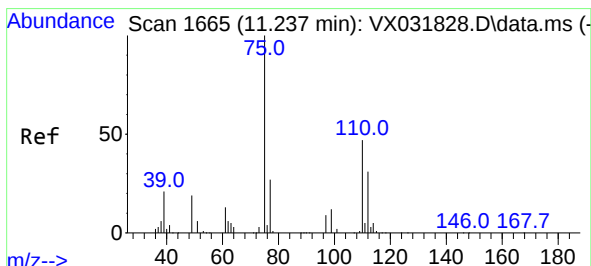
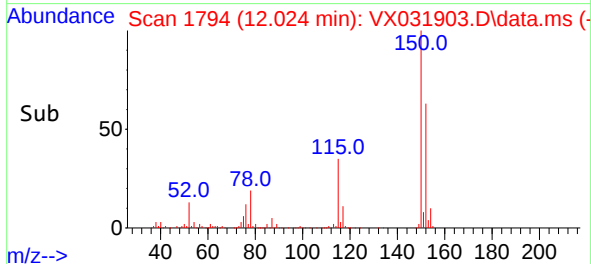
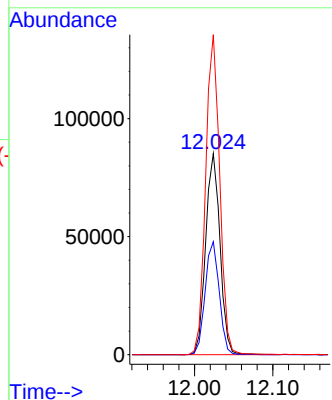


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX031903.D
 Acq: 05 Oct 2022 18:26

Instrument :
 MSVOA_X
 ClientSampleId :

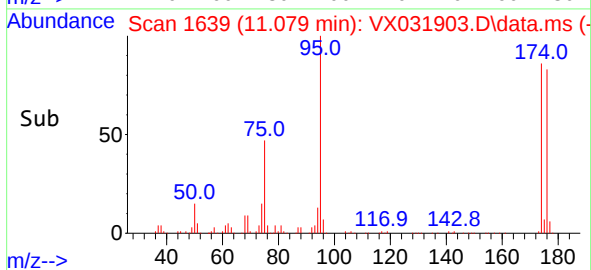
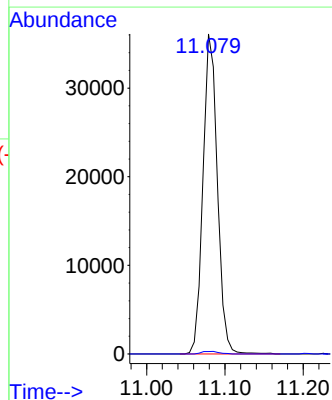
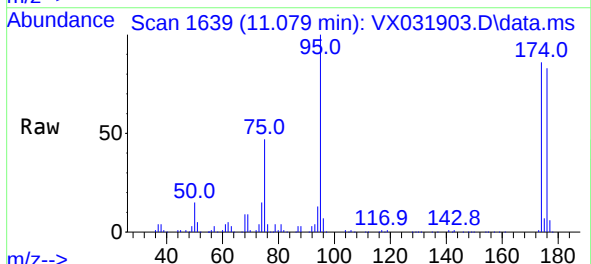


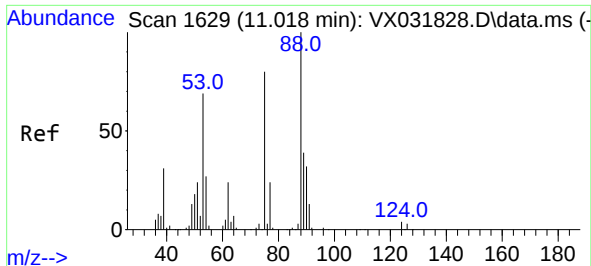
Tgt Ion:152 Resp: 108155
 Ion Ratio Lower Upper
 152 100
 115 55.3 43.4 130.1
 150 155.6 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 26.754 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX031903.D
 Acq: 05 Oct 2022 18:26

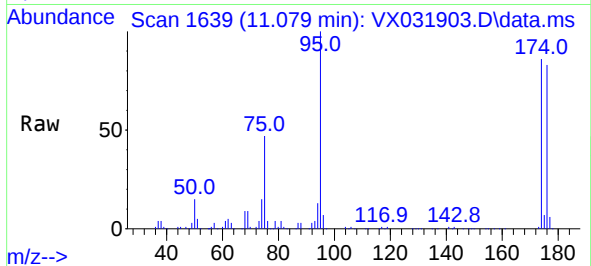
Tgt Ion: 75 Resp: 46008
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.3 60.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 88.472 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX031903.D
Acq: 05 Oct 2022 18:26

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 46008
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

