

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112122\
 Data File : VX032959.D
 Acq On : 21 Nov 2022 17:51
 Operator : JC/MD
 Sample : N5729-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 22 05:13:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

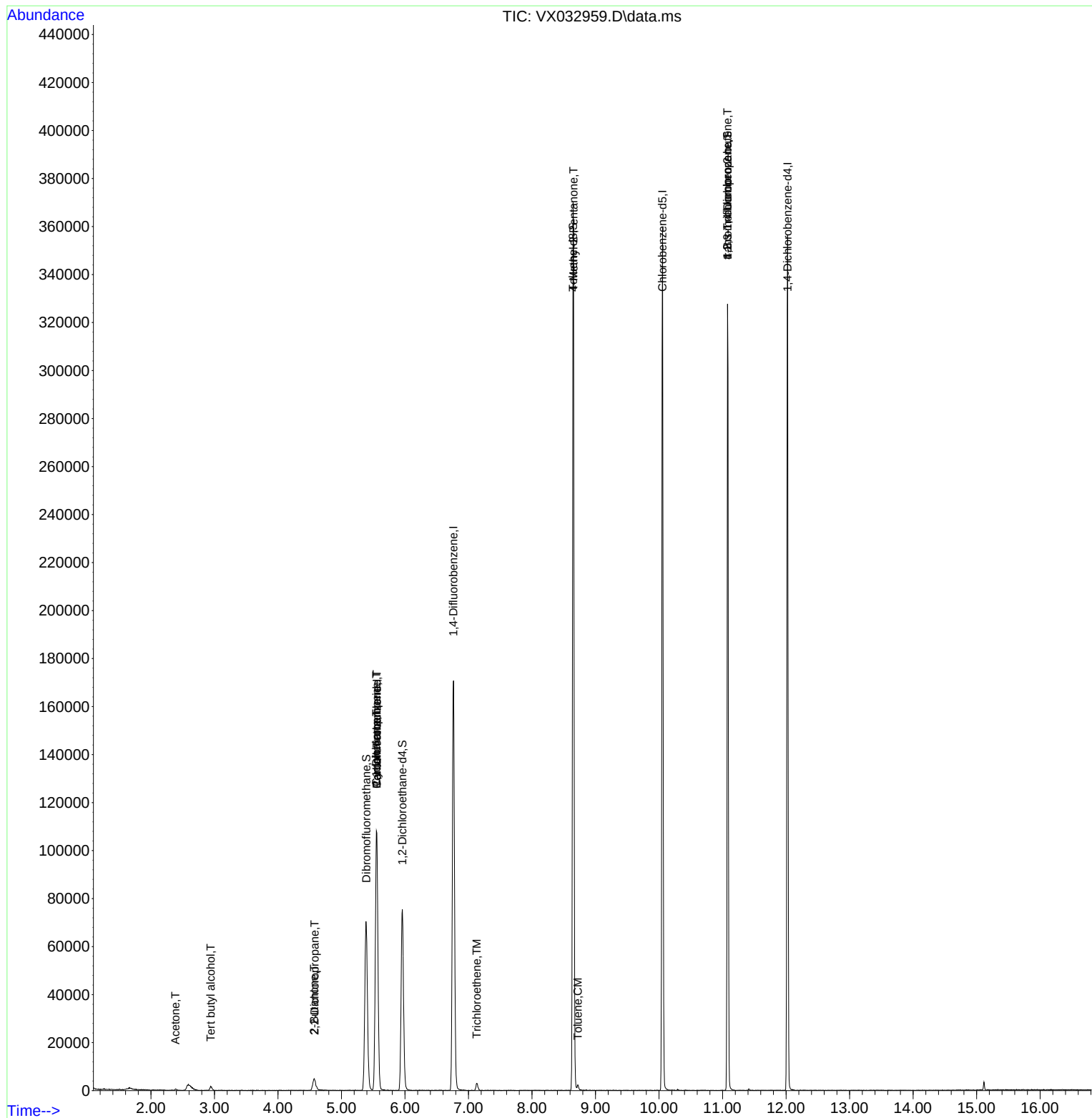
Internal Standards						
1) Pentafluorobenzene	5.556	168	103094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	174940	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75821	52.930	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.860%			
35) Dibromofluoromethane	5.391	113	60722	48.661	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.320%			
50) Toluene-d8	8.647	98	218293	50.308	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.620%			
62) 4-Bromofluorobenzene	11.079	95	81800	48.261	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.520%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	1129	5.415	ug/l #	72
16) Acetone	2.386	43	754	1.448	ug/l	100
25) 2-Butanone	4.568	43	243	0.301	ug/l #	47
26) 2,2-Dichloropropane	4.574	77	349	0.214	ug/l #	53
31) Cyclohexane	5.550	56	2237	1.288	ug/l #	10
36) 1,1-Dichloropropene	5.550	75	7984	4.595	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10854	5.632	ug/l #	15
44) Trichloroethene	7.129	130	1325	0.957	ug/l	60
51) 4-Methyl-2-Pentanone	8.653	43	1057	0.604	ug/l #	1
52) Toluene	8.720	92	804	0.251	ug/l	100
76) 1,2,3-Trichloropropane	11.079	75	43988	27.192	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	43988	86.525	ug/l #	6

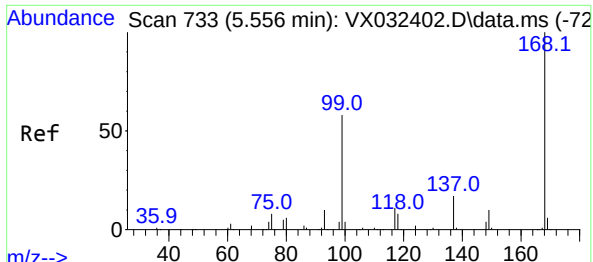
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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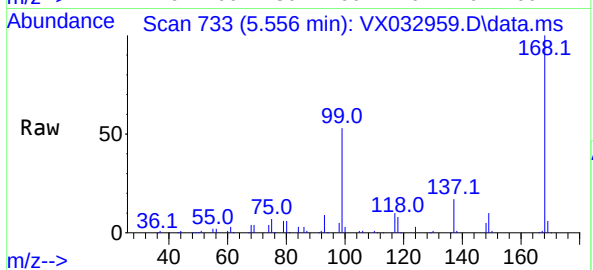
Quant Time: Nov 22 05:13:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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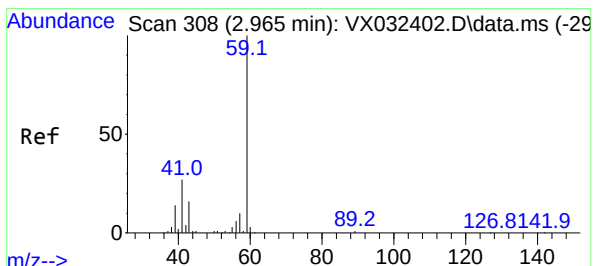
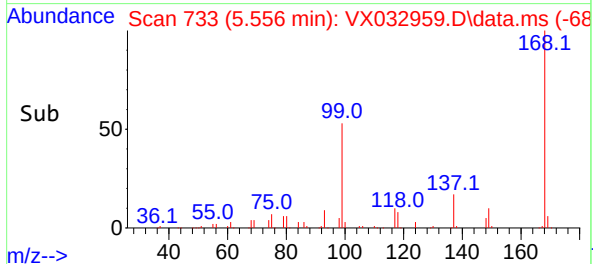
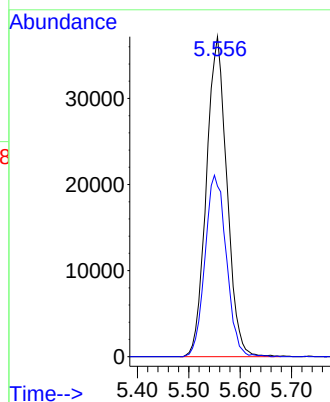


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032959.D
Acq: 21 Nov 2022 17:51

Instrument :
MSVOA_X
ClientSampleId :

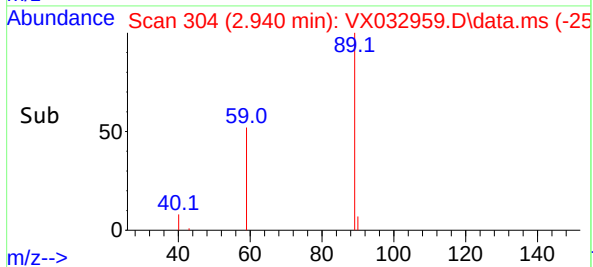
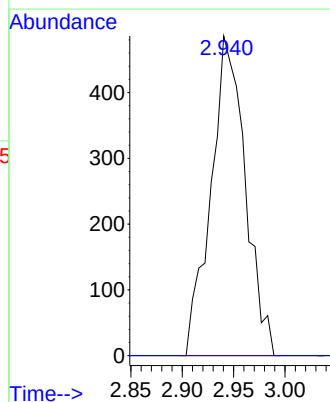
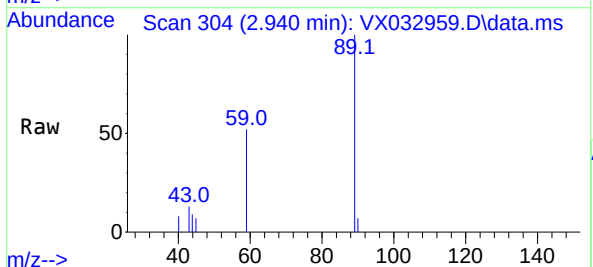


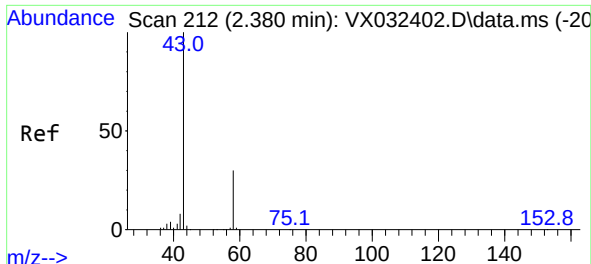
Tgt Ion:168 Resp: 103094
Ion Ratio Lower Upper
168 100
99 53.3 46.1 69.1



#11
Tert butyl alcohol
Concen: 5.415 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032959.D
Acq: 21 Nov 2022 17:51

Tgt Ion: 59 Resp: 1129
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

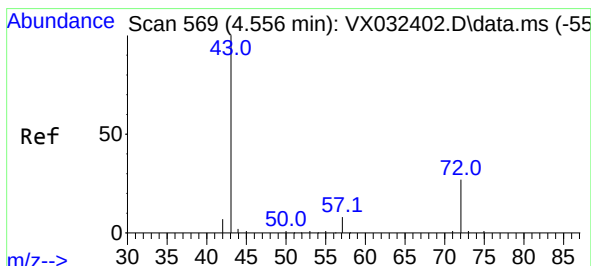
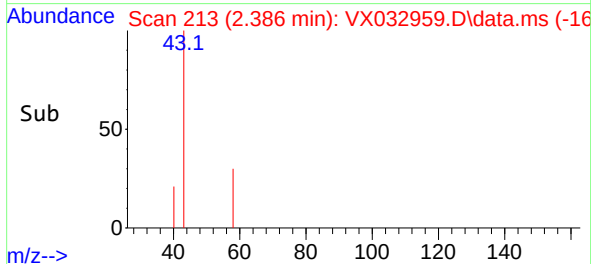
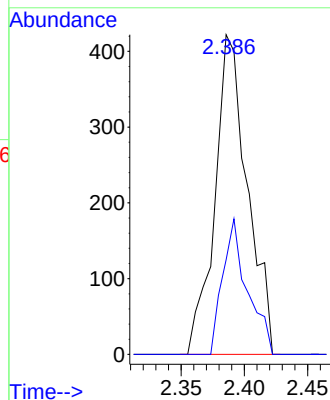
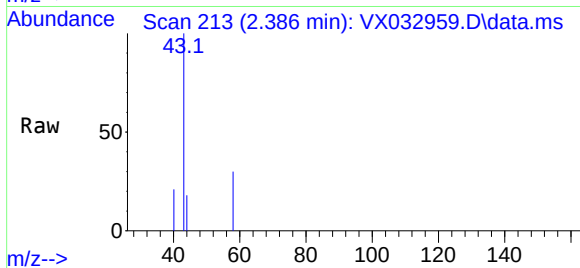




#16
Acetone
Concen: 1.448 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032959.D
Acq: 21 Nov 2022 17:51

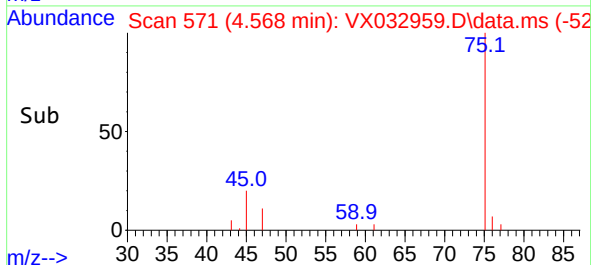
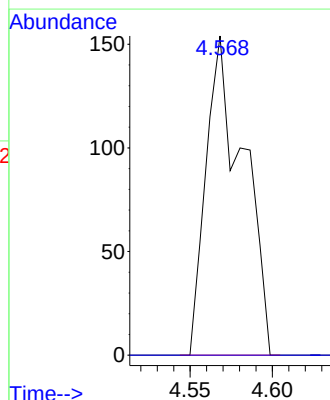
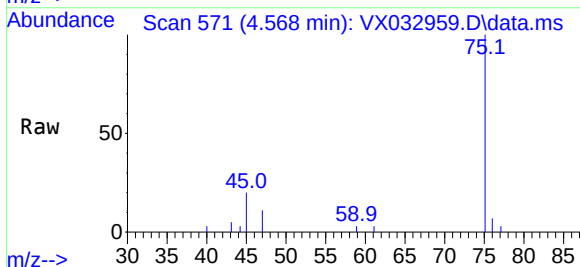
Instrument :
MSVOA_X
ClientSampleId :

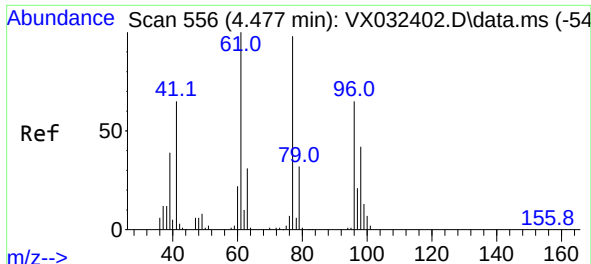
Tgt Ion: 43 Resp: 754
Ion Ratio Lower Upper
43 100
58 29.6 23.8 35.8



#25
2-Butanone
Concen: 0.301 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX032959.D
Acq: 21 Nov 2022 17:51

Tgt Ion: 43 Resp: 243
Ion Ratio Lower Upper
43 100
72 0.0 22.2 33.2#





#26

2,2-Dichloropropane

Concen: 0.214 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.097 min

Lab File: VX032959.D

Acq: 21 Nov 2022 17:51

Instrument :

MSVOA_X

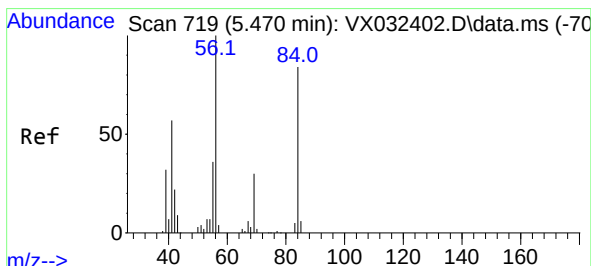
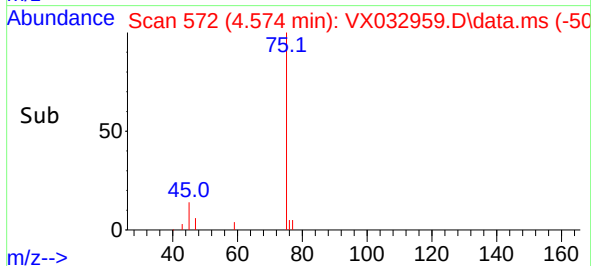
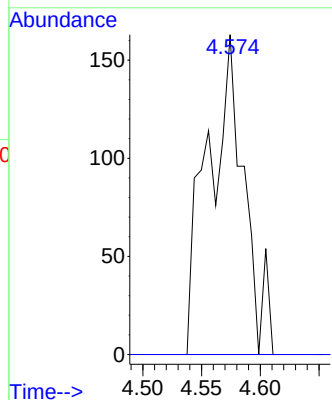
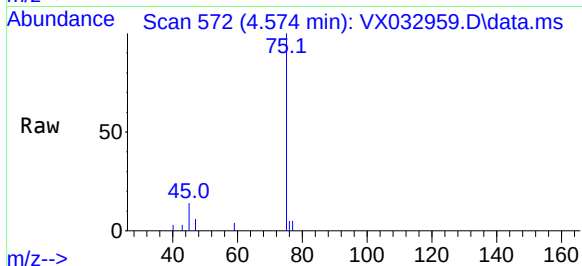
ClientSampleId :

Tgt Ion: 77 Resp: 349

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.1#



#31

Cyclohexane

Concen: 1.288 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX032959.D

Acq: 21 Nov 2022 17:51

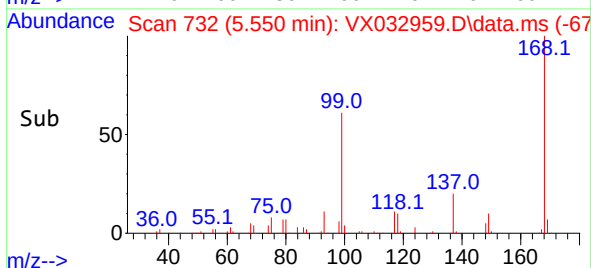
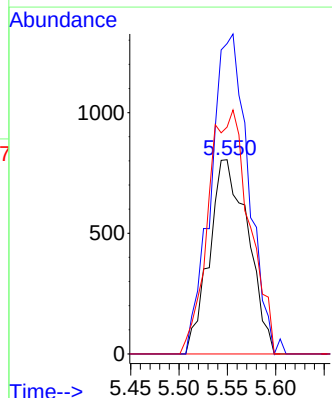
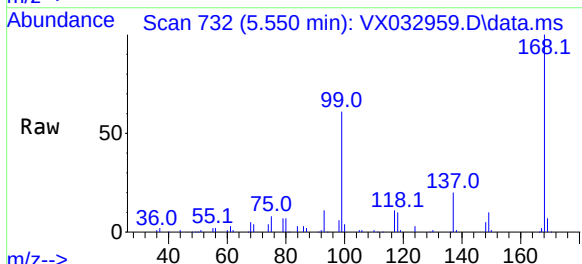
Tgt Ion: 56 Resp: 2237

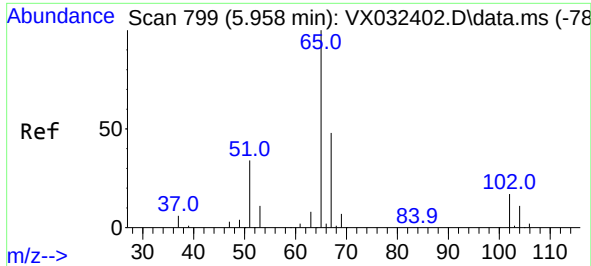
Ion Ratio Lower Upper

56 100

69 159.8 24.1 36.1#

84 116.8 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 52.930 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032959.D

Acq: 21 Nov 2022 17:51

Instrument :

MSVOA_X

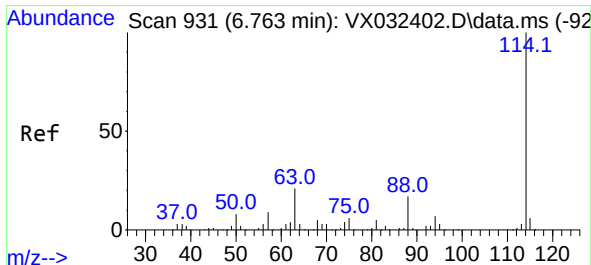
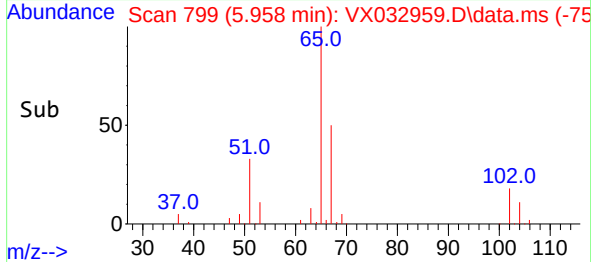
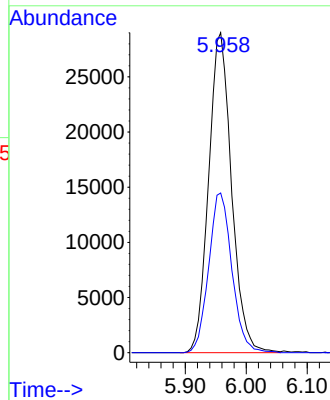
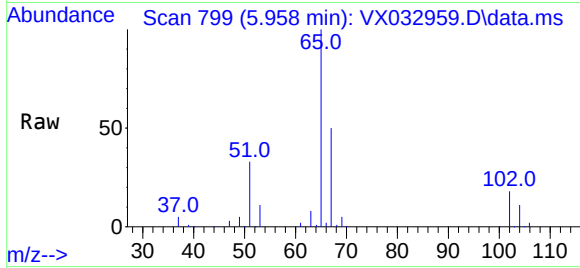
ClientSampleId :

Tgt Ion: 65 Resp: 75821

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032959.D

Acq: 21 Nov 2022 17:51

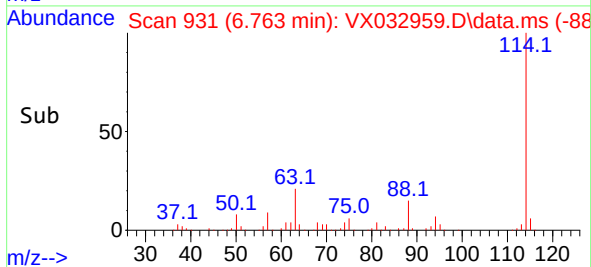
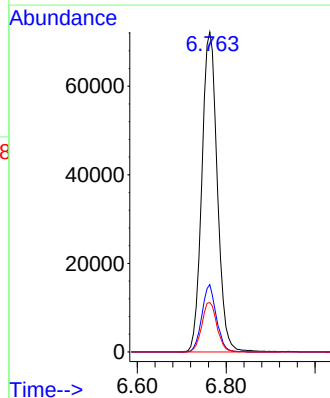
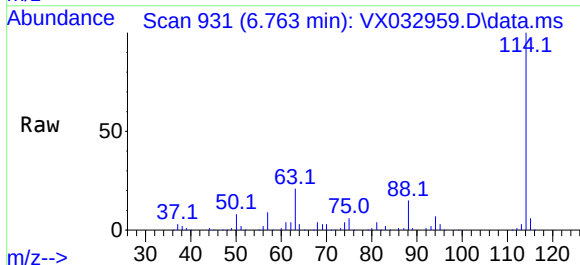
Tgt Ion: 114 Resp: 174940

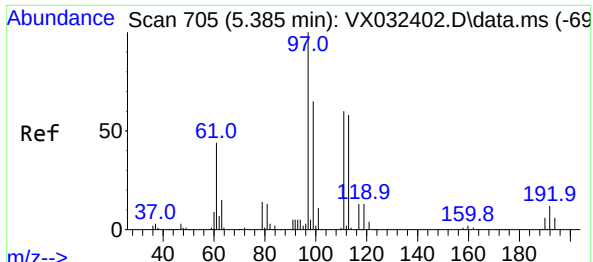
Ion Ratio Lower Upper

114 100

63 21.1 0.0 41.6

88 15.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.661 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX032959.D

Acq: 21 Nov 2022 17:51

Instrument :

MSVOA_X

ClientSampleId :

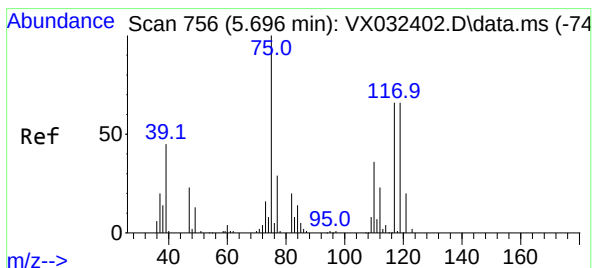
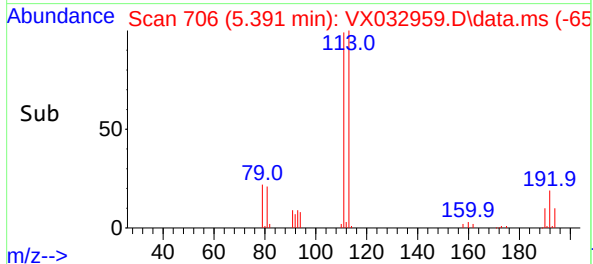
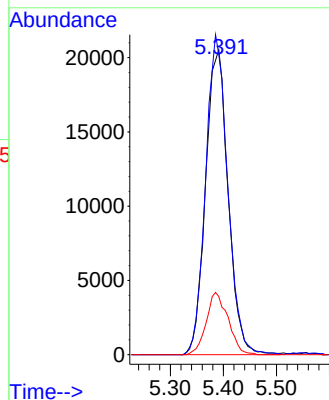
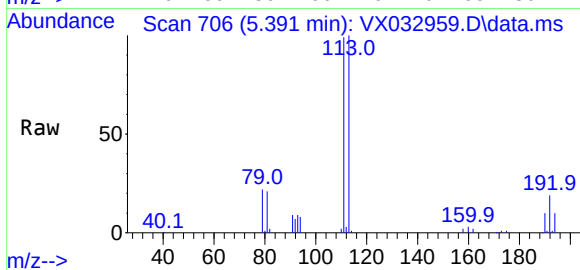
Tgt Ion:113 Resp: 60722

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

192 19.7 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.595 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX032959.D

Acq: 21 Nov 2022 17:51

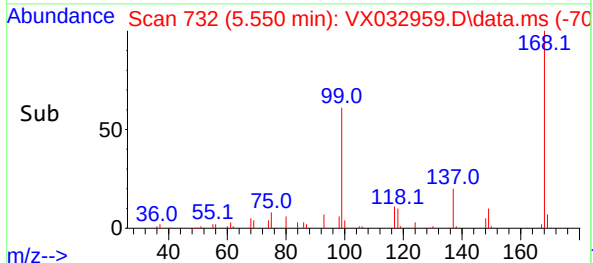
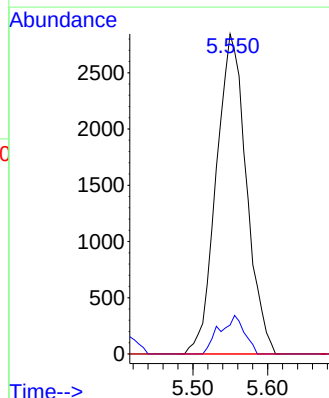
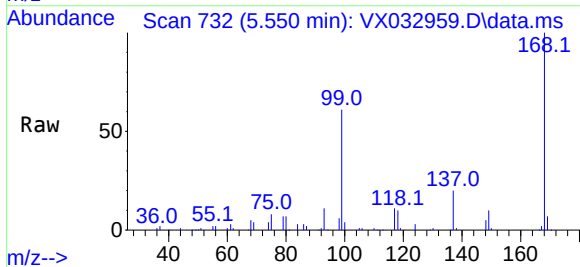
Tgt Ion: 75 Resp: 7984

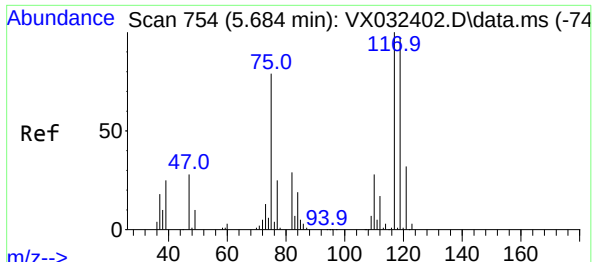
Ion Ratio Lower Upper

75 100

110 10.0 18.4 55.2#

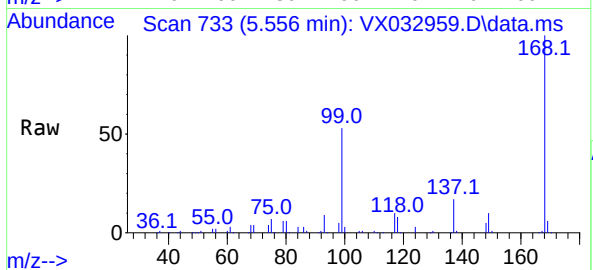
77 0.0 24.5 36.7#



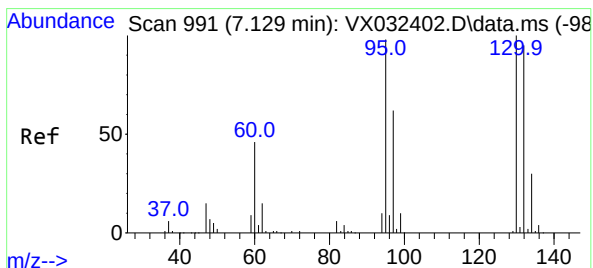
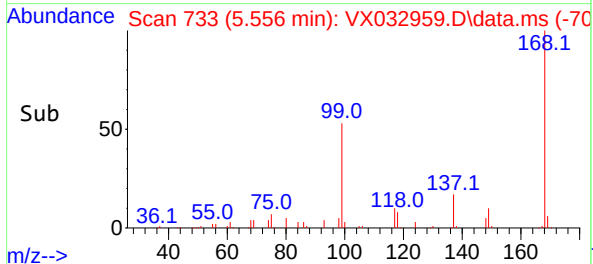
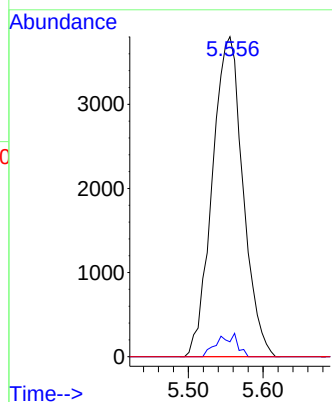


#38
Carbon Tetrachloride
Concen: 5.632 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032959.D
Acq: 21 Nov 2022 17:51

Instrument :
MSVOA_X
ClientSampleId :

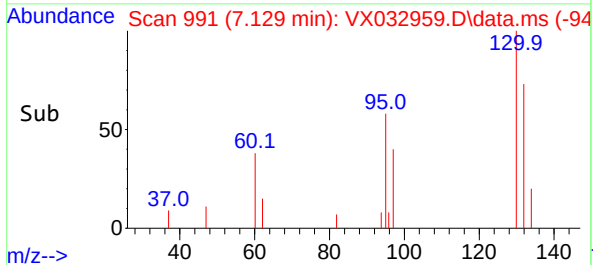
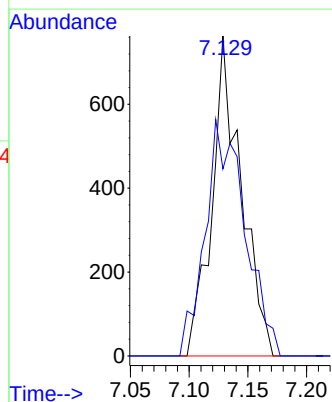
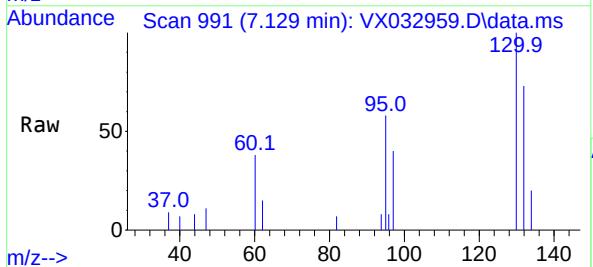


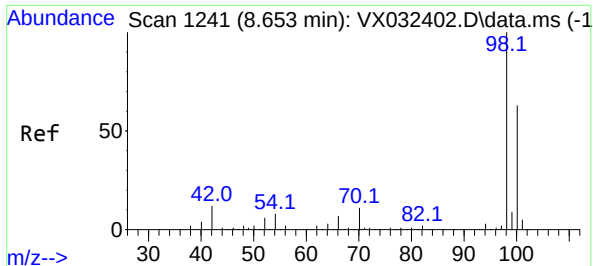
Tgt Ion:117 Resp: 10854
Ion Ratio Lower Upper
117 100
119 4.7 77.2 115.8#
121 0.0 25.8 38.6#



#44
Trichloroethene
Concen: 0.957 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX032959.D
Acq: 21 Nov 2022 17:51

Tgt Ion:130 Resp: 1325
Ion Ratio Lower Upper
130 100
95 58.5 0.0 195.2





#50

Toluene-d8

Concen: 50.308 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032959.D

Acq: 21 Nov 2022 17:51

Instrument :

MSVOA_X

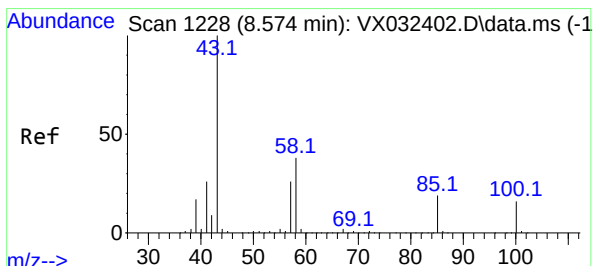
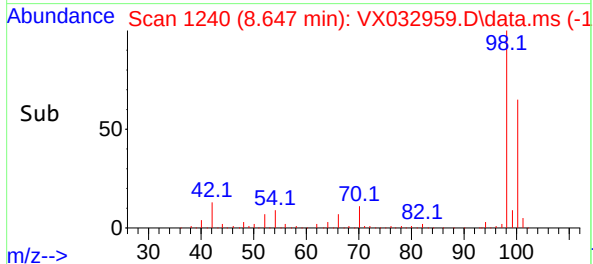
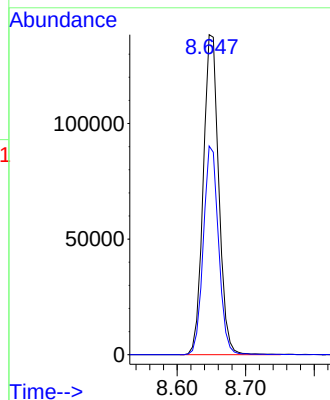
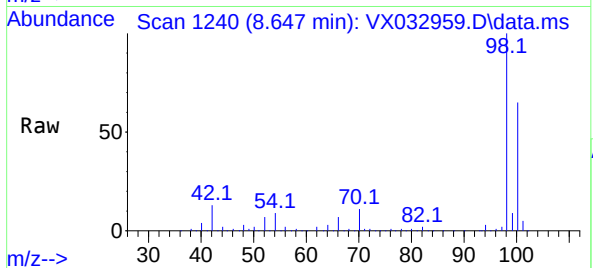
ClientSampleId :

Tgt Ion: 98 Resp: 218293

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.604 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX032959.D

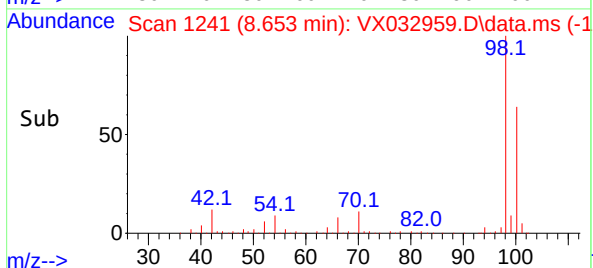
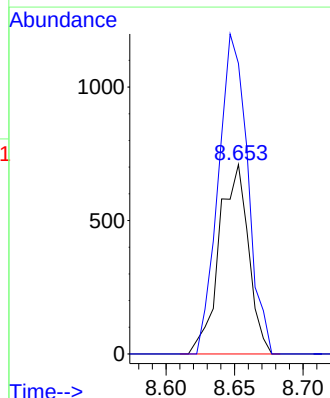
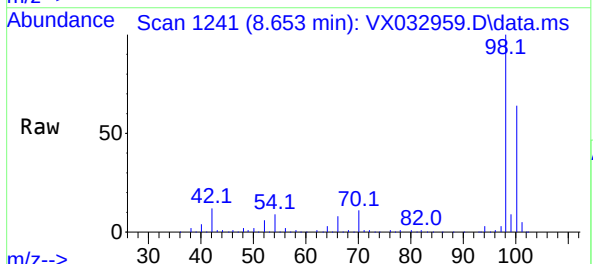
Acq: 21 Nov 2022 17:51

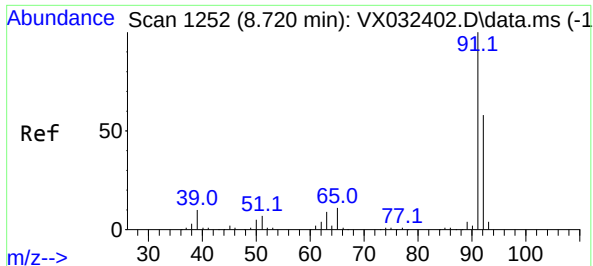
Tgt Ion: 43 Resp: 1057

Ion Ratio Lower Upper

43 100

58 169.1 30.9 46.3#





#52

Toluene

Concen: 0.251 ug/l

RT: 8.720 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032959.D

Acq: 21 Nov 2022 17:51

Instrument :

MSVOA_X

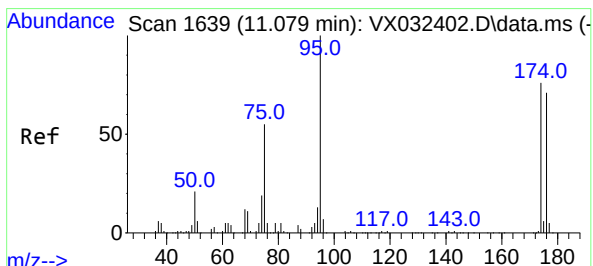
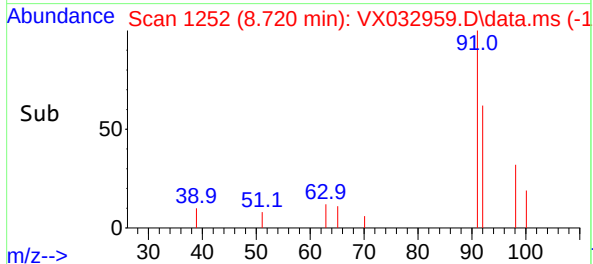
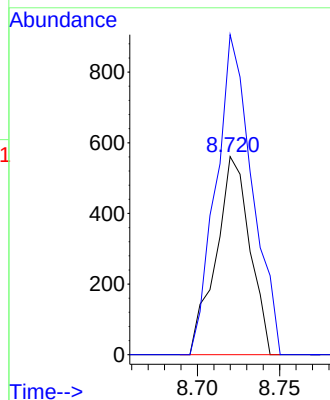
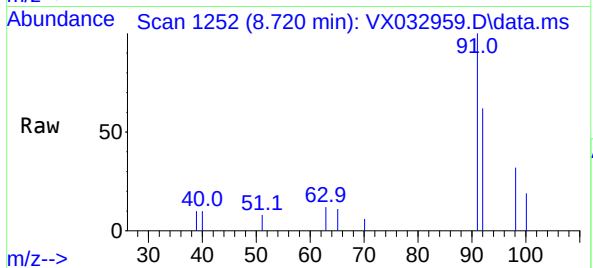
ClientSampleId :

Tgt Ion: 92 Resp: 804

Ion Ratio Lower Upper

92 100

91 172.6 138.3 207.5



#62

4-Bromofluorobenzene

Concen: 48.261 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX032959.D

Acq: 21 Nov 2022 17:51

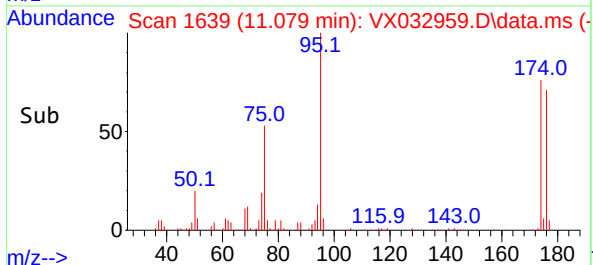
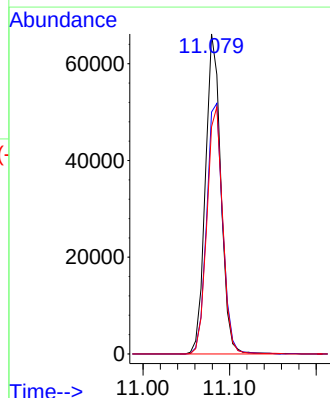
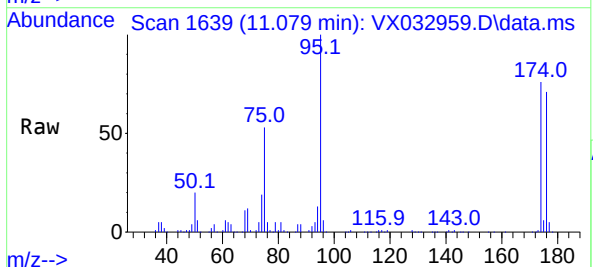
Tgt Ion: 95 Resp: 81800

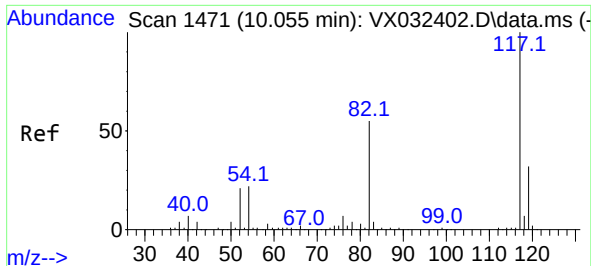
Ion Ratio Lower Upper

95 100

174 81.5 0.0 164.0

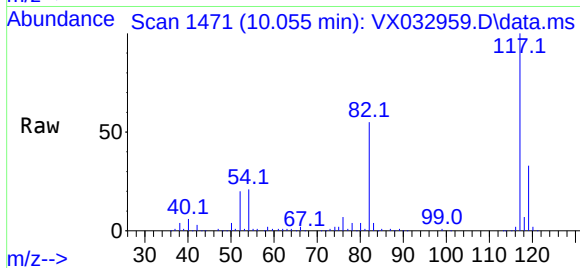
176 78.9 0.0 154.4



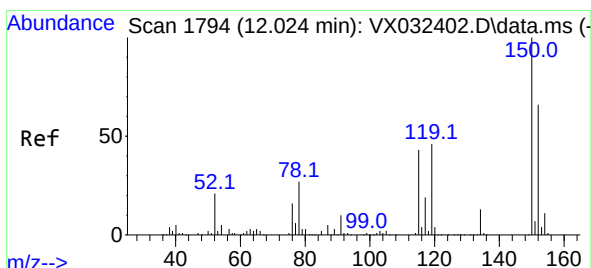
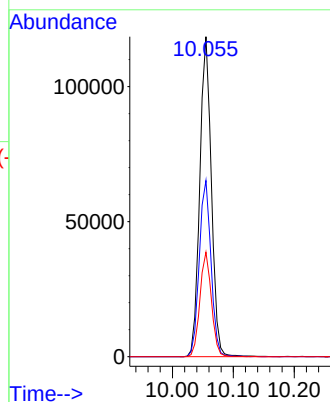
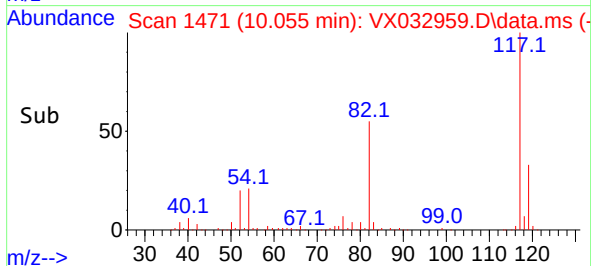


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032959.D
Acq: 21 Nov 2022 17:51

Instrument :
MSVOA_X
ClientSampleId :

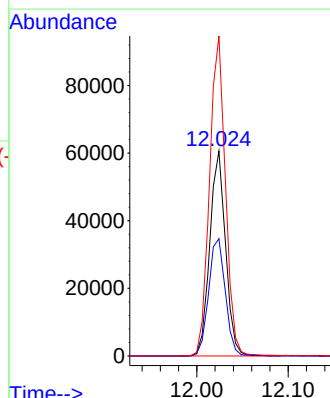
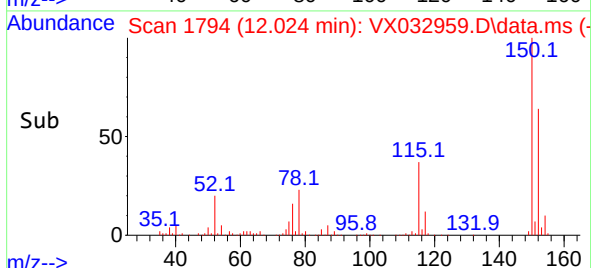
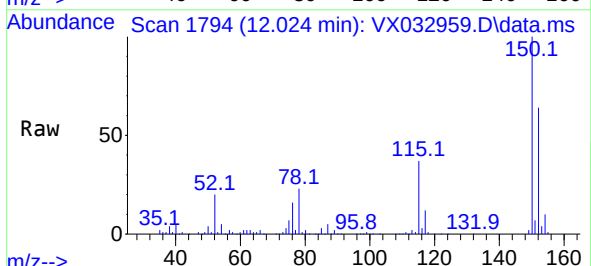


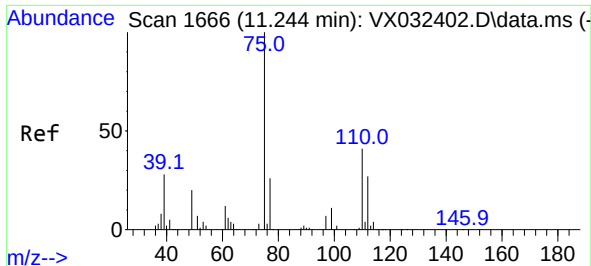
Tgt Ion:117 Resp: 156139
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 32.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032959.D
Acq: 21 Nov 2022 17:51

Tgt Ion:152 Resp: 72713
Ion Ratio Lower Upper
152 100
115 60.3 44.0 132.0
150 157.1 0.0 351.8

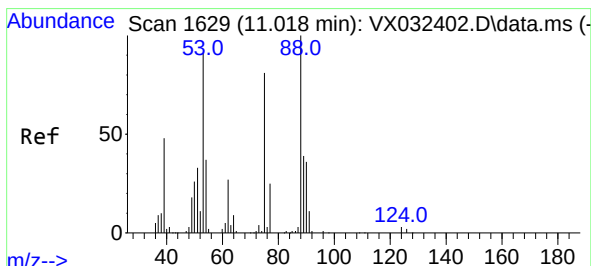
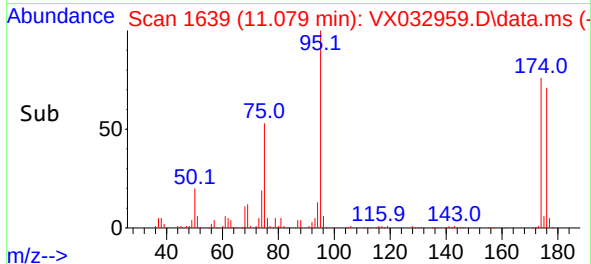
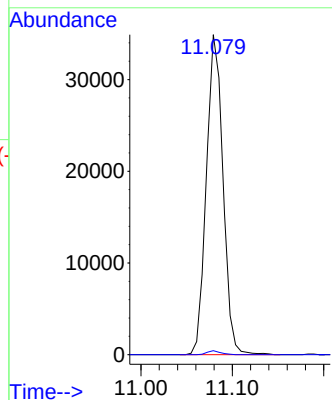
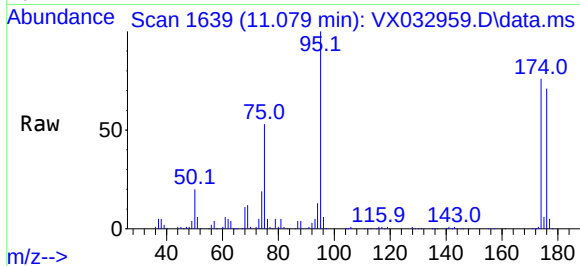




#76
1,2,3-Trichloropropane
Concen: 27.192 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032959.D
Acq: 21 Nov 2022 17:51

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 43988
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.525 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032959.D
Acq: 21 Nov 2022 17:51

Tgt Ion: 75 Resp: 43988
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.1 38.3 57.5#

