

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101022\
 Data File : VX032010.D
 Acq On : 10 Oct 2022 14:21
 Operator : JC/MD
 Sample : N5031-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 5869-4

Quant Time: Oct 11 05:10:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

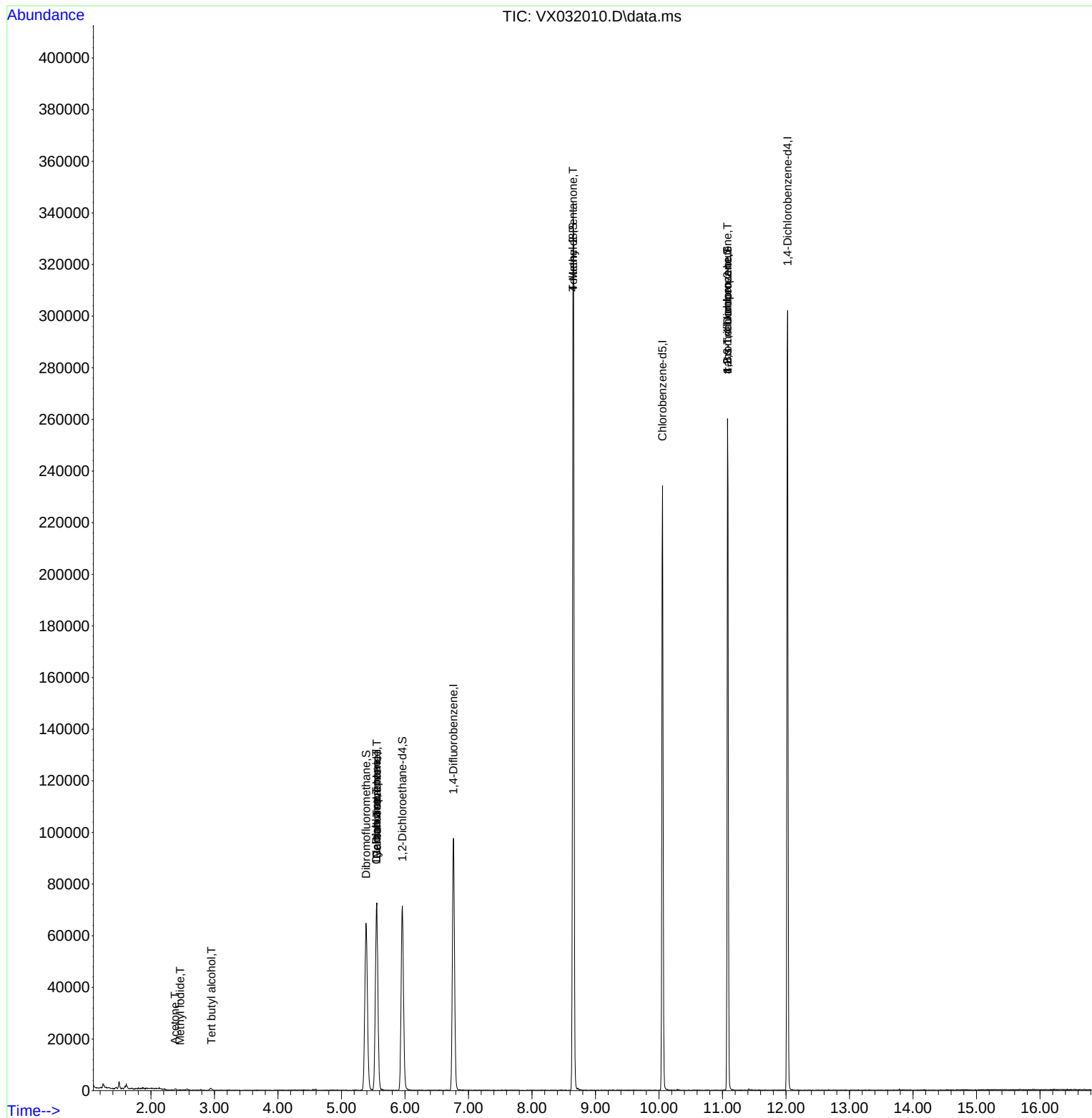
Internal Standards						
1) Pentafluorobenzene	5.556	168	66653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	99748	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	105613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66842	48.559	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.120%
35) Dibromofluoromethane	5.385	113	53937	47.770	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.540%
50) Toluene-d8	8.647	98	203689	50.134	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.260%
62) 4-Bromofluorobenzene	11.079	95	65440	45.560	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.120%
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	261	Below Cal		95
10) Methyl Iodide	2.459	142	144	2.876	ug/l #	38
11) Tert butyl alcohol	2.953	59	562	3.282	ug/l #	73
16) Acetone	2.380	43	529	1.131	ug/l	100
31) Cyclohexane	5.550	56	1507	0.916	ug/l #	21
36) 1,1-Dichloropropene	5.550	75	5263	3.515	ug/l #	50
38) Carbon Tetrachloride	5.556	117	7077	4.623	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	968	0.683	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34856	27.705	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34856	94.839	ug/l #	11

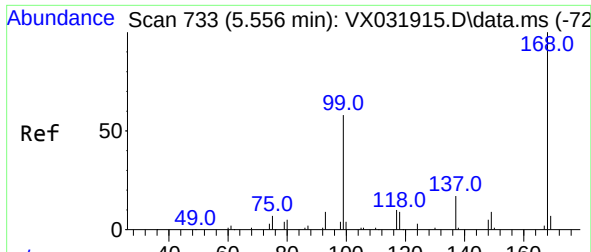
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 06 14:28:46 2022
Response via : Initial Calibration

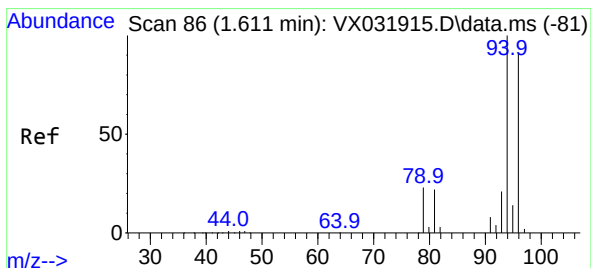
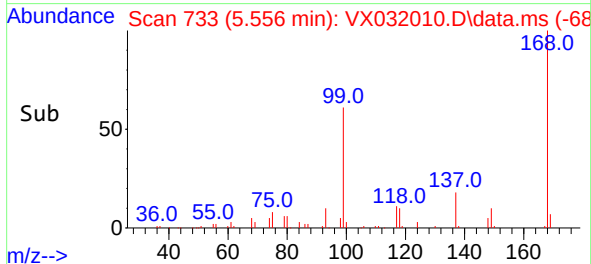
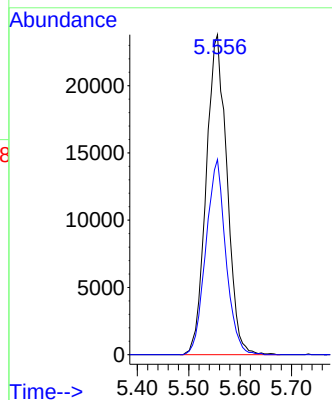
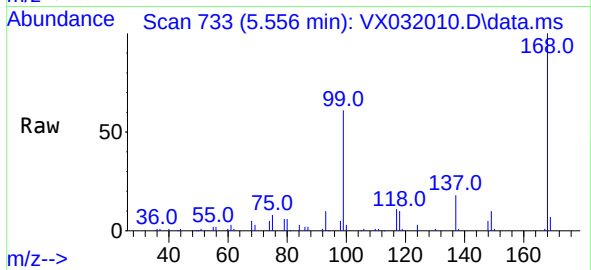




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032010.D
Acq: 10 Oct 2022 14:21

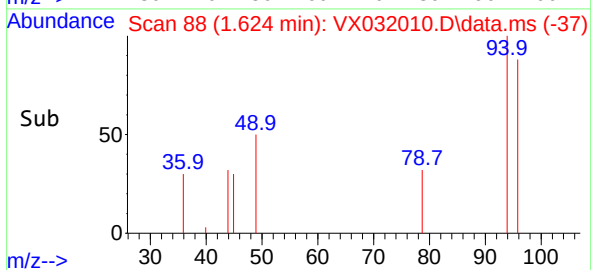
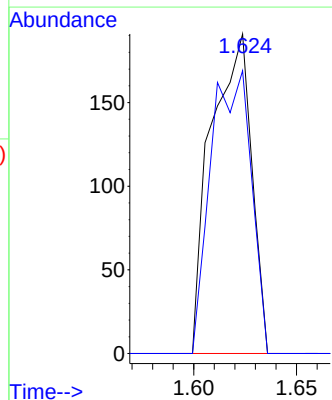
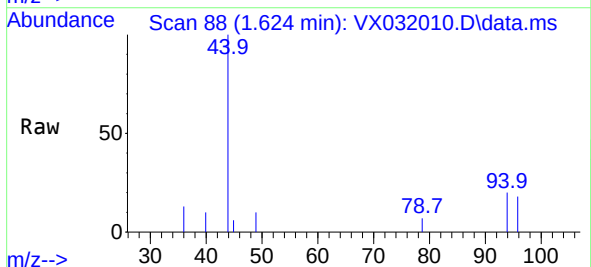
Instrument :
MSVOA_X
ClientSampleId :
5869-4

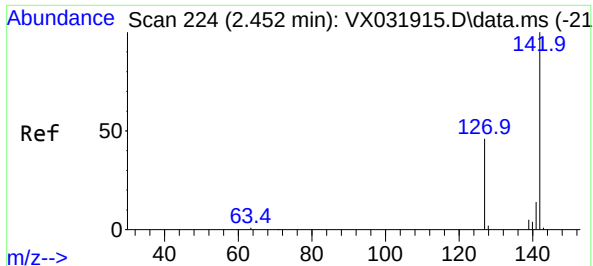
Tgt Ion:168 Resp: 66653
Ion Ratio Lower Upper
168 100
99 61.0 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.013 min
Lab File: VX032010.D
Acq: 10 Oct 2022 14:21

Tgt Ion: 94 Resp: 261
Ion Ratio Lower Upper
94 100
96 88.5 74.4 111.6

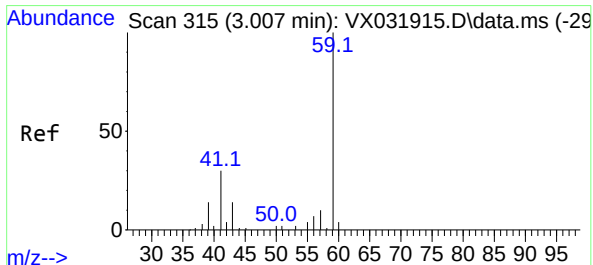
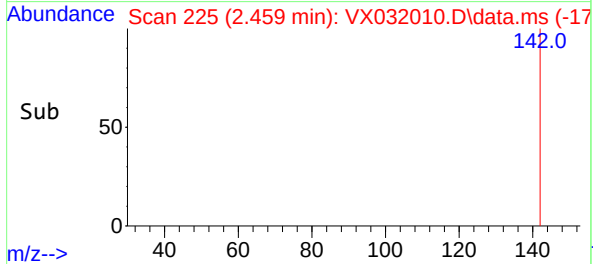
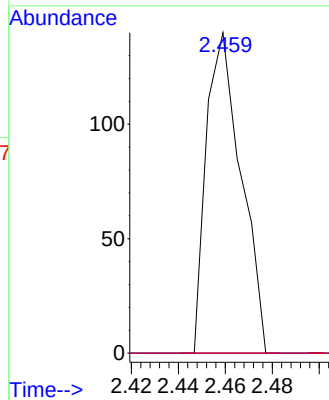
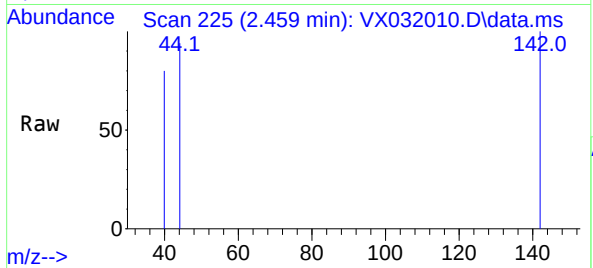




#10
Methyl Iodide
Concen: 2.876 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX032010.D
Acq: 10 Oct 2022 14:21

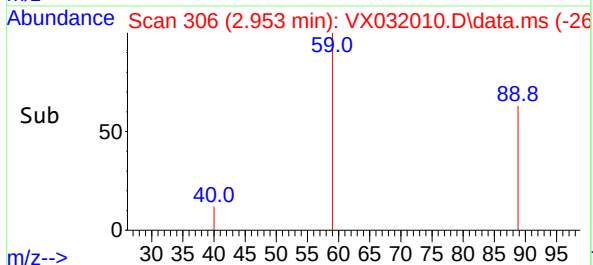
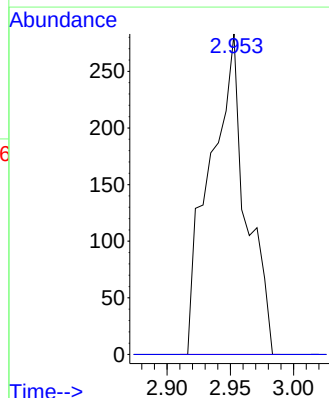
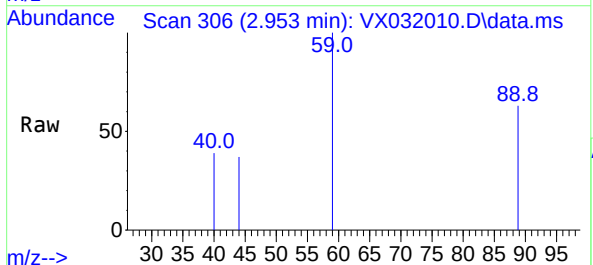
Instrument :
MSVOA_X
ClientSampleId :
5869-4

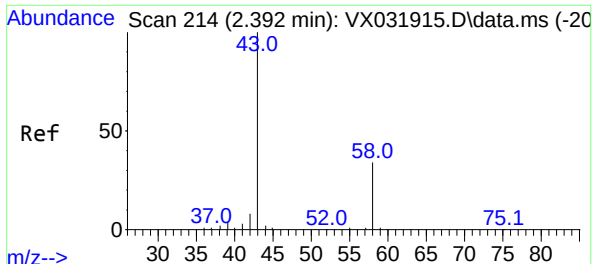
Tgt Ion:142 Resp: 144
Ion Ratio Lower Upper
142 100
127 0.0 37.4 56.0#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 3.282 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.054 min
Lab File: VX032010.D
Acq: 10 Oct 2022 14:21

Tgt Ion: 59 Resp: 562
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

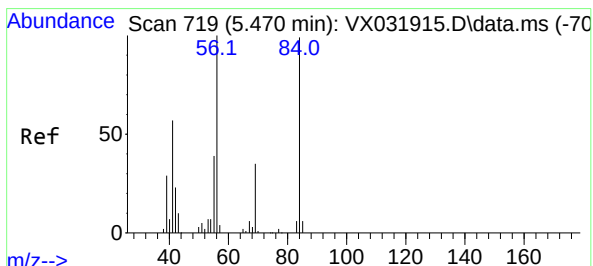
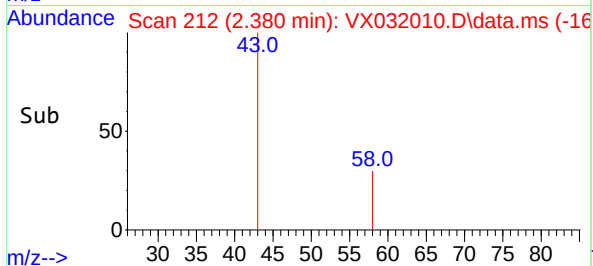
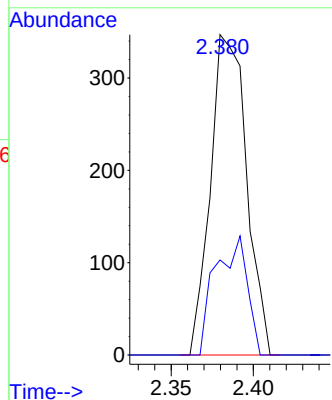
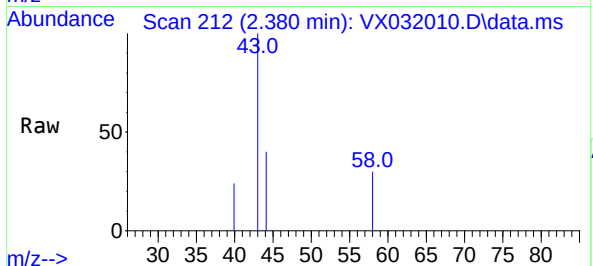




#16
Acetone
Concen: 1.131 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX032010.D
Acq: 10 Oct 2022 14:21

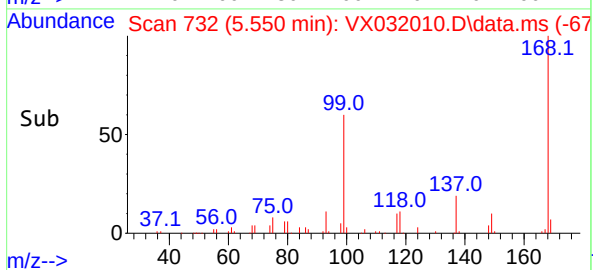
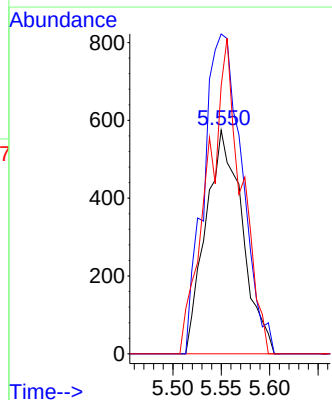
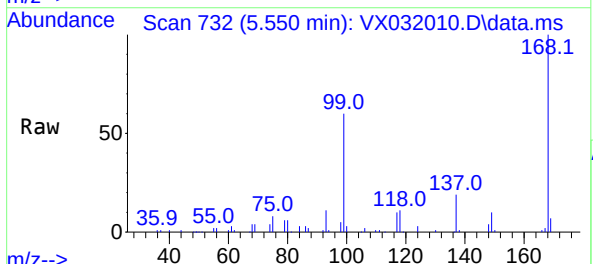
Instrument :
MSVOA_X
ClientSampleId :
5869-4

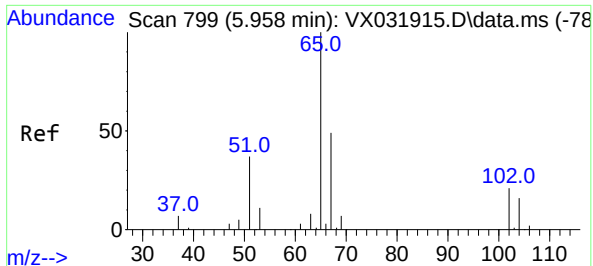
Tgt Ion: 43 Resp: 529
Ion Ratio Lower Upper
43 100
58 29.7 23.8 35.8



#31
Cyclohexane
Concen: 0.916 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX032010.D
Acq: 10 Oct 2022 14:21

Tgt Ion: 56 Resp: 1507
Ion Ratio Lower Upper
56 100
69 143.0 25.1 37.7#
84 119.8 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 48.559 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032010.D

Acq: 10 Oct 2022 14:21

Instrument :

MSVOA_X

ClientSampleId :

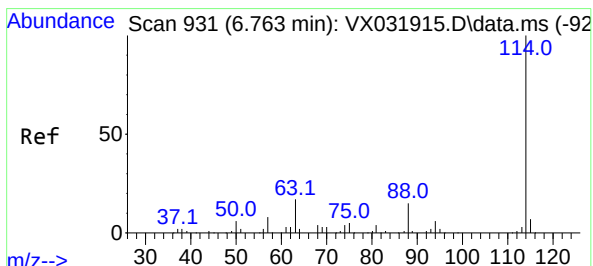
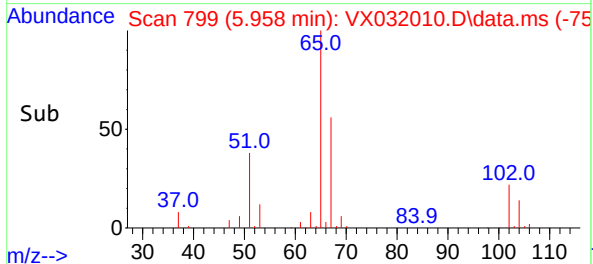
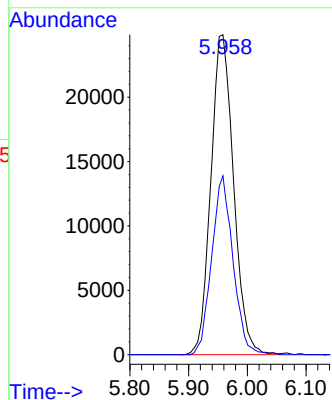
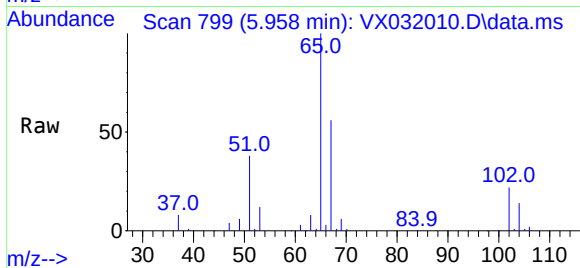
5869-4

Tgt Ion: 65 Resp: 66842

Ion Ratio Lower Upper

65 100

67 52.4 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032010.D

Acq: 10 Oct 2022 14:21

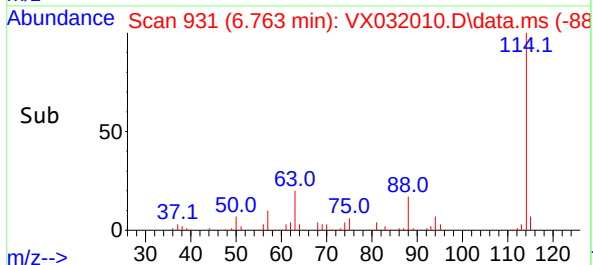
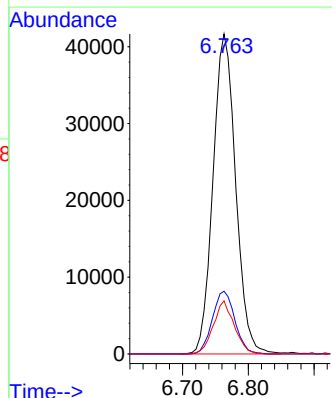
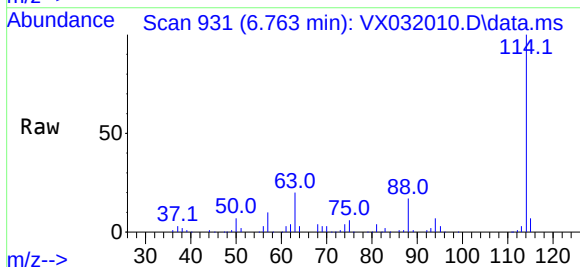
Tgt Ion: 114 Resp: 99748

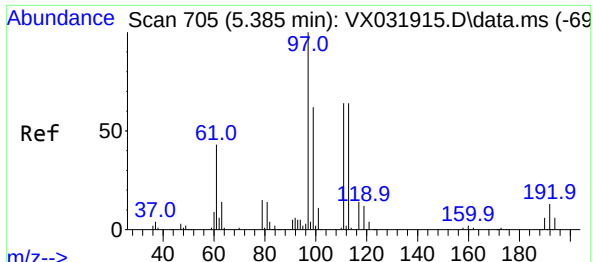
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

88 16.6 0.0 33.0

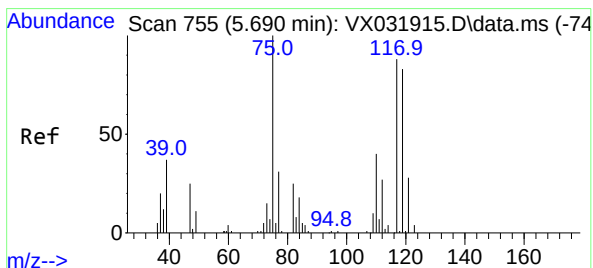
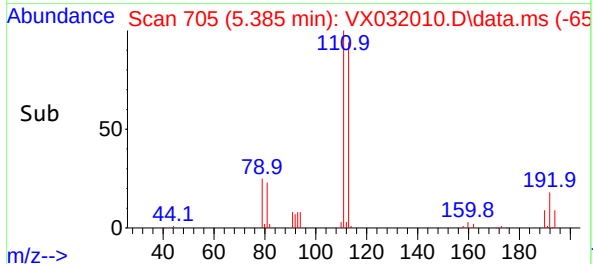
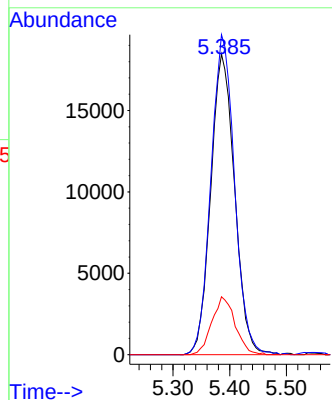
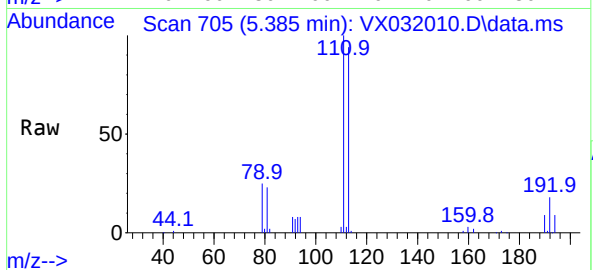




#35
Dibromofluoromethane
Concen: 47.770 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032010.D
Acq: 10 Oct 2022 14:21

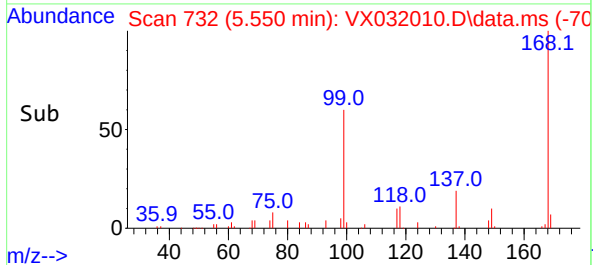
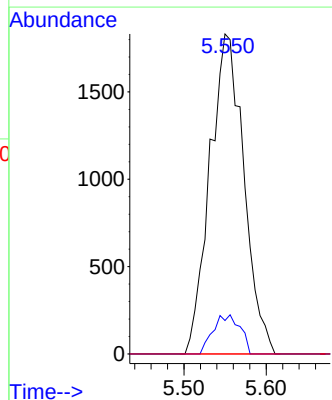
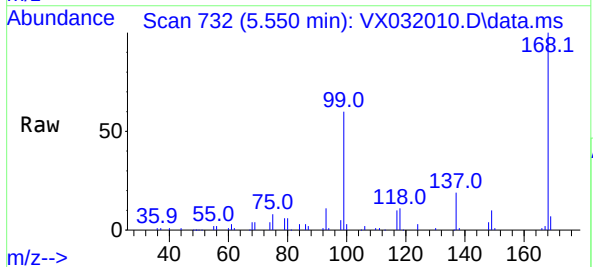
Instrument :
MSVOA_X
ClientSampleId :
5869-4

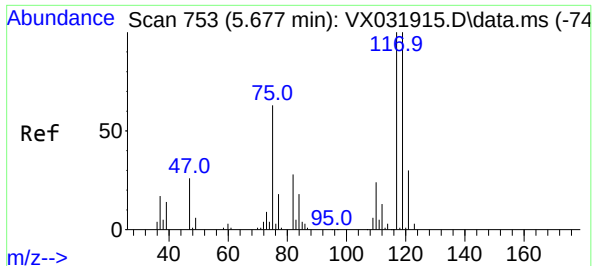
Tgt Ion:113 Resp: 53937
Ion Ratio Lower Upper
113 100
111 105.3 82.4 123.6
192 18.7 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.515 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX032010.D
Acq: 10 Oct 2022 14:21

Tgt Ion: 75 Resp: 5263
Ion Ratio Lower Upper
75 100
110 9.7 17.5 52.5#
77 0.0 24.9 37.3#

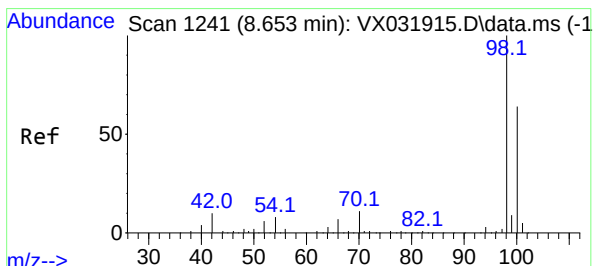
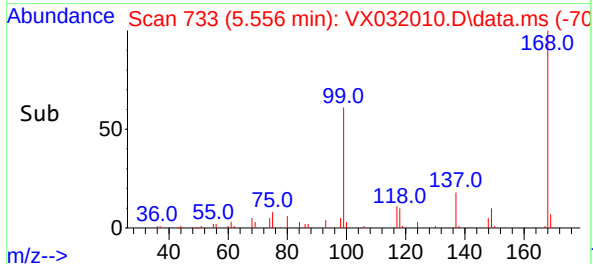
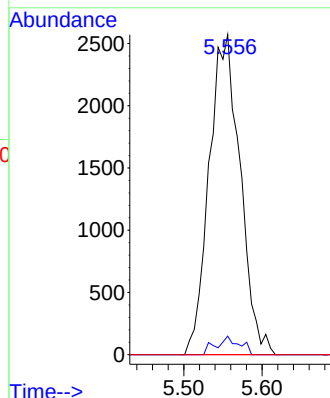
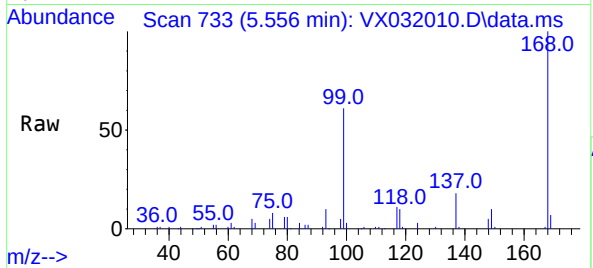




#38
Carbon Tetrachloride
Concen: 4.623 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX032010.D
Acq: 10 Oct 2022 14:21

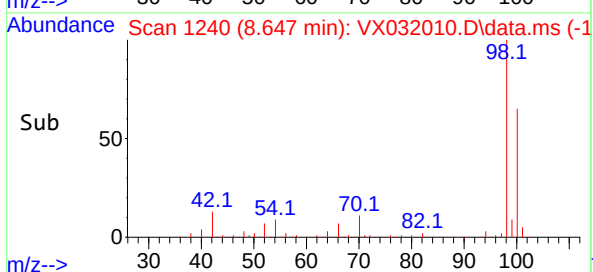
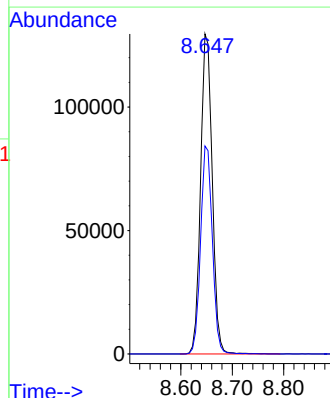
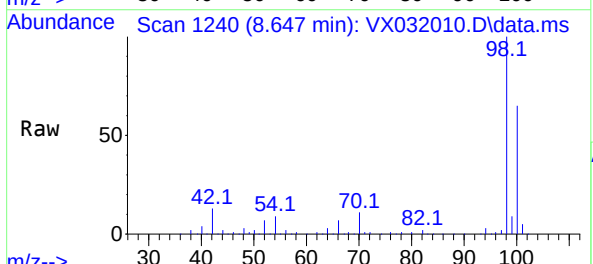
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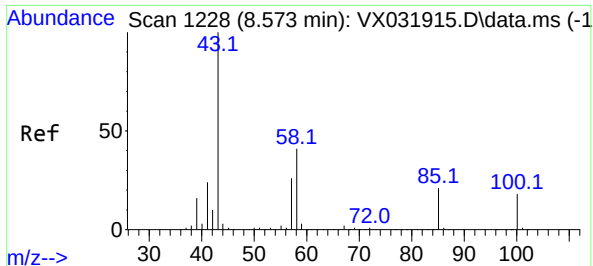
Tgt Ion:117 Resp: 7077
Ion Ratio Lower Upper
117 100
119 5.8 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 50.134 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032010.D
Acq: 10 Oct 2022 14:21

Tgt Ion: 98 Resp: 203689
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7

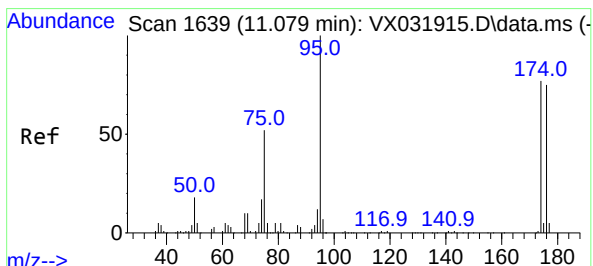
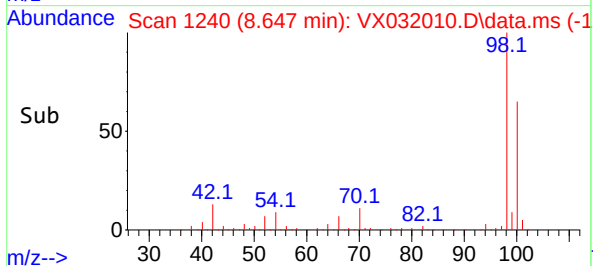
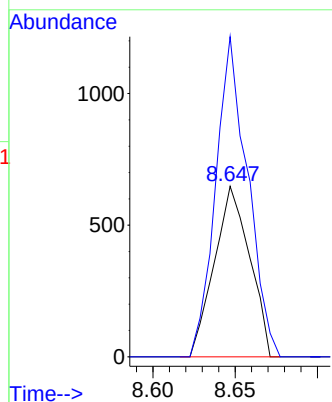
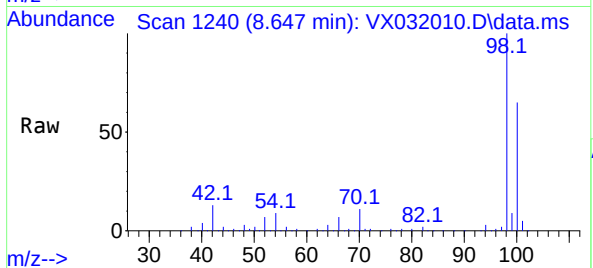




#51
4-Methyl-2-Pentanone
Concen: 0.683 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX032010.D
Acq: 10 Oct 2022 14:21

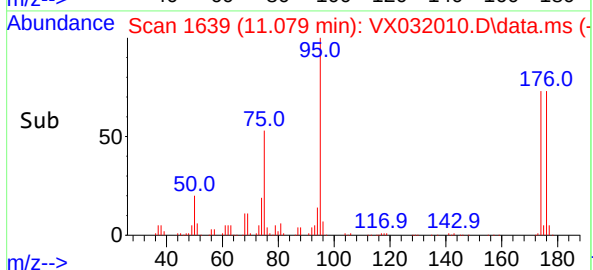
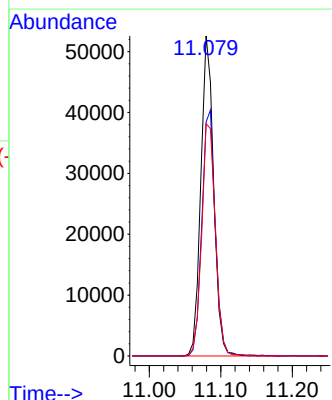
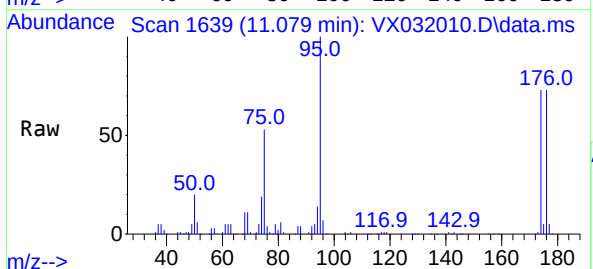
Instrument :
MSVOA_X
ClientSampleId :
5869-4

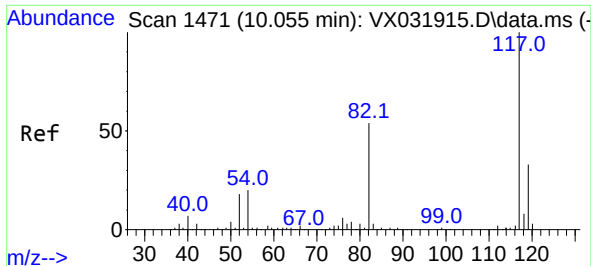
Tgt Ion: 43 Resp: 968
Ion Ratio Lower Upper
43 100
58 170.0 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 45.560 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032010.D
Acq: 10 Oct 2022 14:21

Tgt Ion: 95 Resp: 65440
Ion Ratio Lower Upper
95 100
174 79.8 0.0 153.2
176 77.5 0.0 144.0

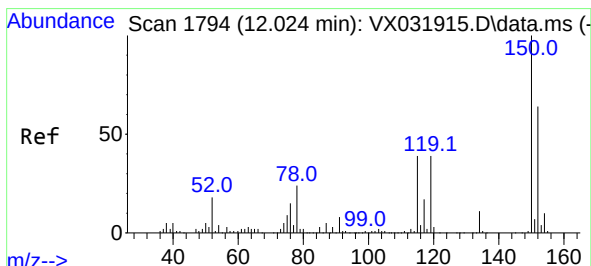
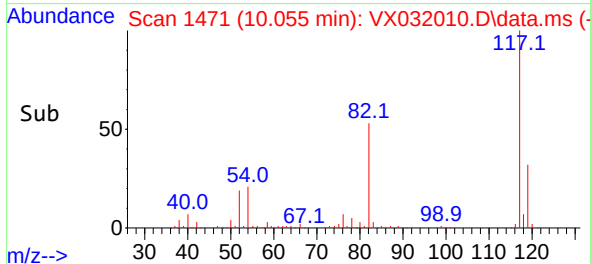
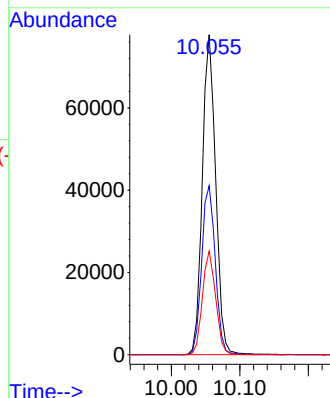
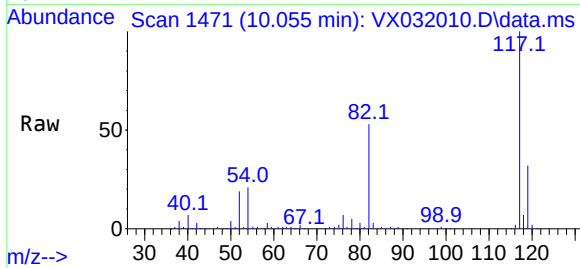




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032010.D
Acq: 10 Oct 2022 14:21

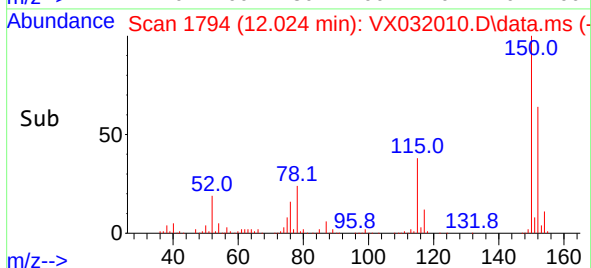
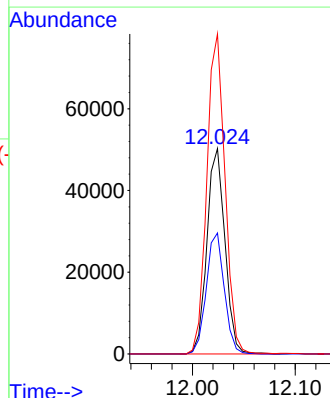
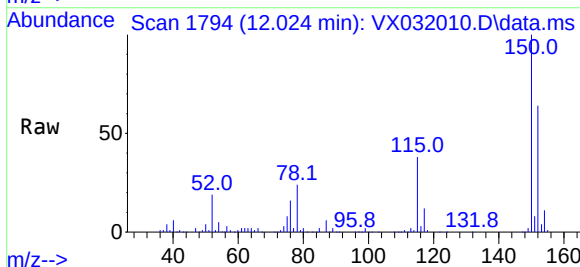
Instrument :
MSVOA_X
ClientSampleId :
5869-4

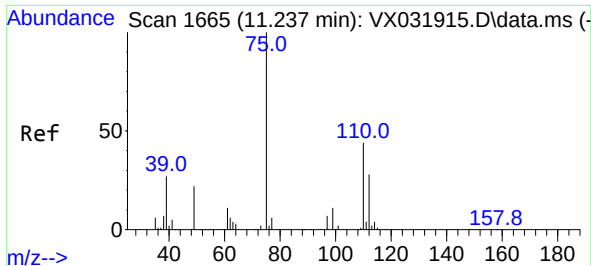
Tgt Ion:117 Resp: 105613
Ion Ratio Lower Upper
117 100
82 52.8 46.8 70.2
119 32.4 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032010.D
Acq: 10 Oct 2022 14:21

Tgt Ion:152 Resp: 61386
Ion Ratio Lower Upper
152 100
115 58.9 43.4 130.1
150 157.1 0.0 346.8

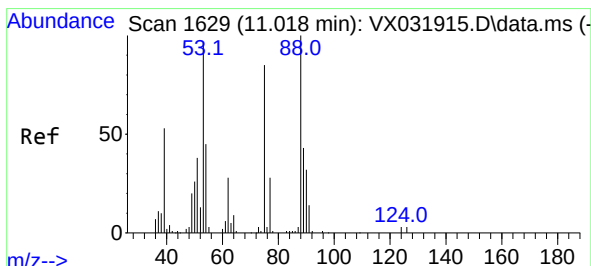
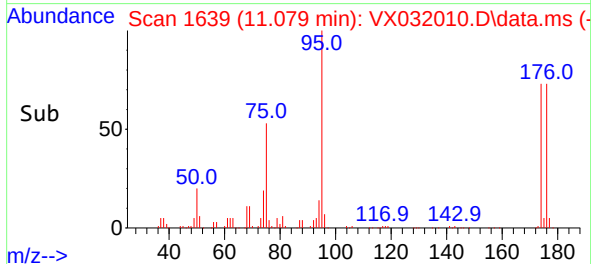
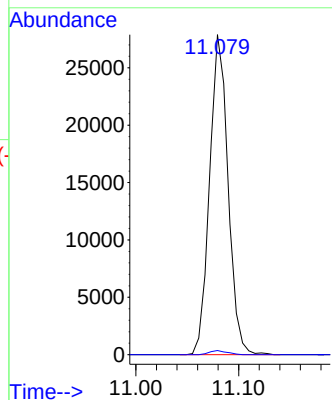
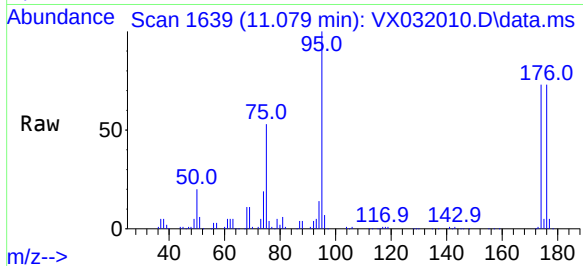




#76
1,2,3-Trichloropropane
Concen: 27.705 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX032010.D
Acq: 10 Oct 2022 14:21

Instrument :
MSVOA_X
ClientSampleId :
5869-4

Tgt Ion: 75 Resp: 34856
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.839 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032010.D
Acq: 10 Oct 2022 14:21

Tgt Ion: 75 Resp: 34856
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.1 37.4 56.0#

