

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
 Data File : VX032677.D
 Acq On : 09 Nov 2022 14:21
 Operator : JC/MD
 Sample : N5514-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10

Quant Time: Nov 10 03:04:33 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)

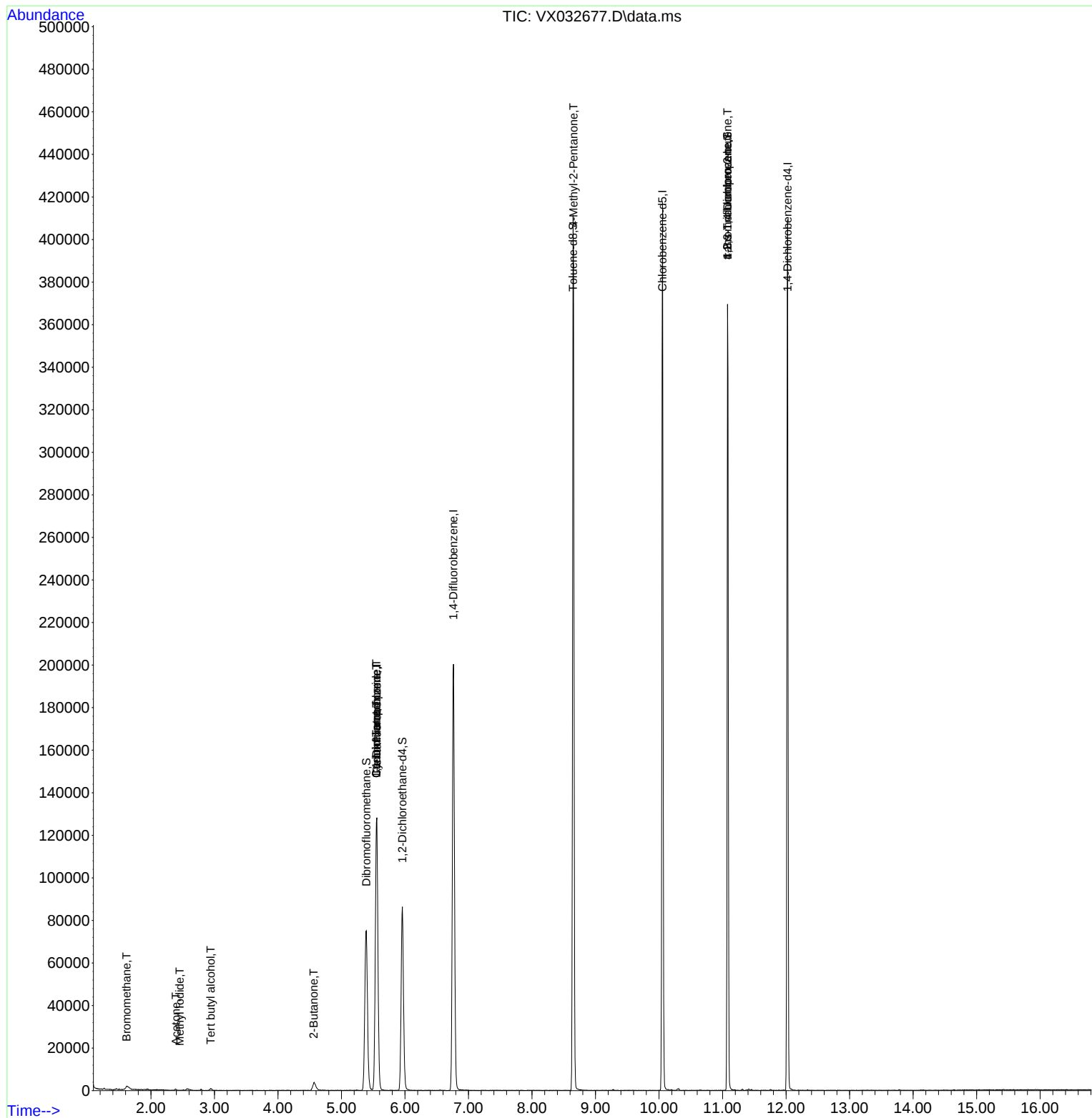
Internal Standards						
1) Pentafluorobenzene	5.556	168	120629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	200743	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83663	49.915	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.820%
35) Dibromofluoromethane	5.391	113	64948	45.357	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.720%
50) Toluene-d8	8.647	98	243279	48.860	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.720%
62) 4-Bromofluorobenzene	11.079	95	91180	46.880	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.760%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	211	0.204	ug/l	92
10) Methyl Iodide	2.453	142	44	1.946	ug/l #	37
11) Tert butyl alcohol	2.940	59	587	2.406	ug/l #	72
16) Acetone	2.392	43	673	1.105	ug/l	94
25) 2-Butanone	4.562	43	273	0.289	ug/l #	47
31) Cyclohexane	5.550	56	2866	1.410	ug/l #	21
36) 1,1-Dichloropropene	5.550	75	9483	4.756	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12609	5.701	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1175	0.585	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	49953	27.202	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	49953	86.556	ug/l #	6

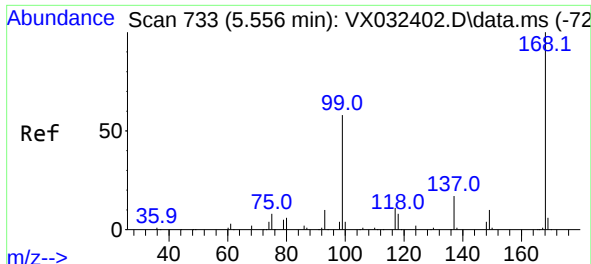
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

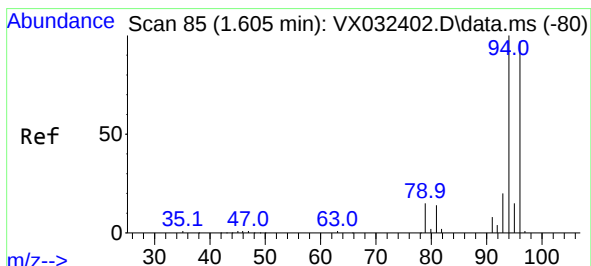
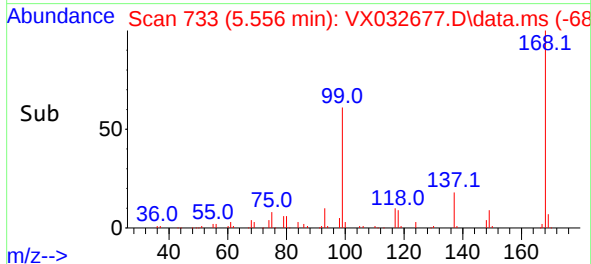
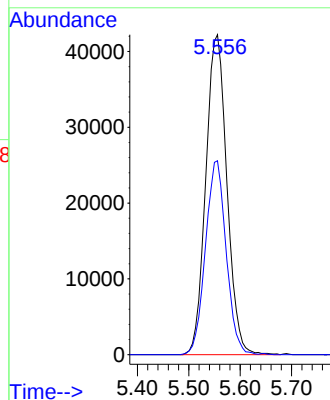
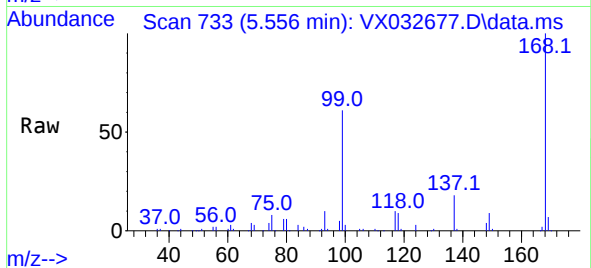




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032677.D
Acq: 09 Nov 2022 14:21

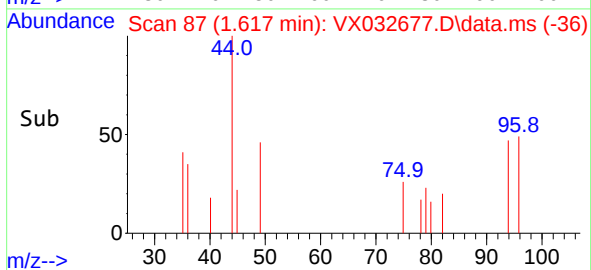
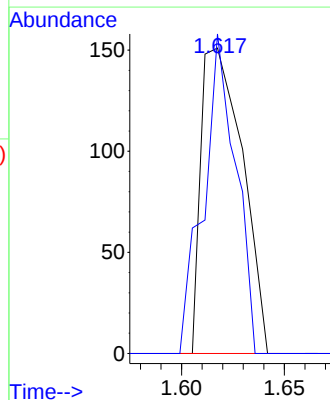
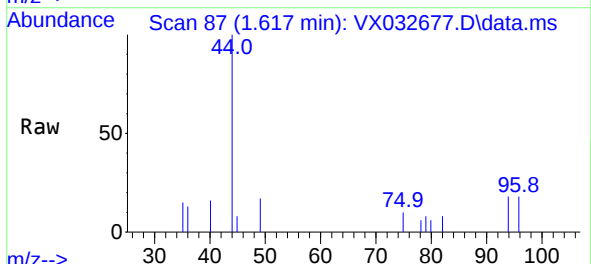
Instrument :
MSVOA_X
ClientSampleId :
MW-10

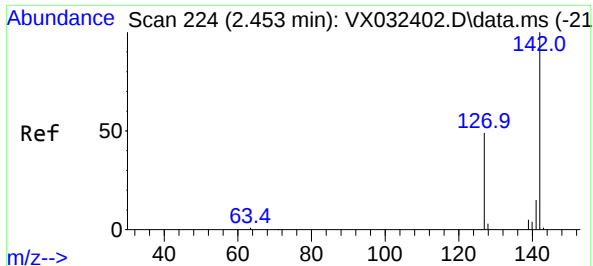
Tgt Ion:168 Resp: 120629
Ion Ratio Lower Upper
168 100
99 60.6 46.1 69.1



#5
Bromomethane
Concen: 0.204 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.012 min
Lab File: VX032677.D
Acq: 09 Nov 2022 14:21

Tgt Ion: 94 Resp: 211
Ion Ratio Lower Upper
94 100
96 104.6 77.6 116.4

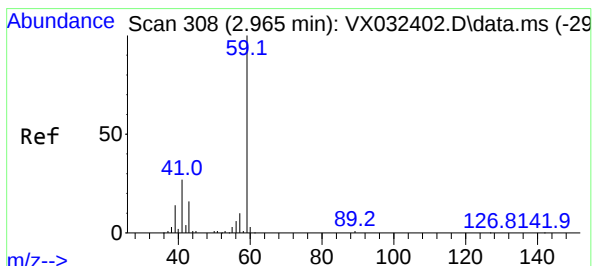
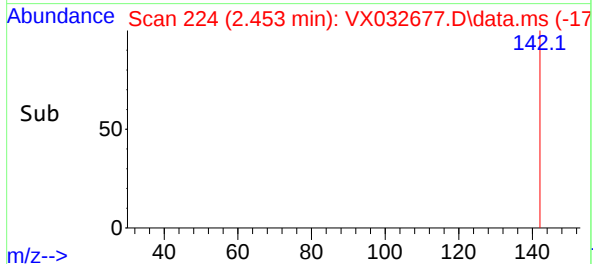
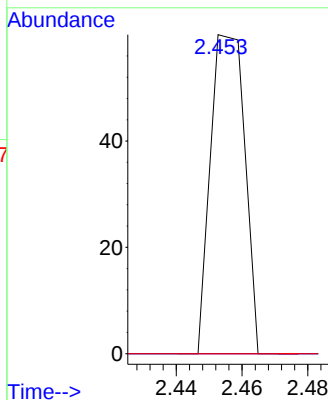
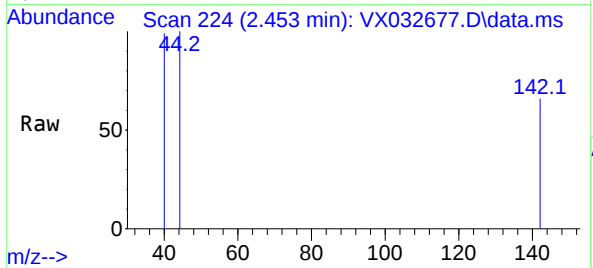




#10
Methyl Iodide
Concen: 1.946 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032677.D
Acq: 09 Nov 2022 14:21

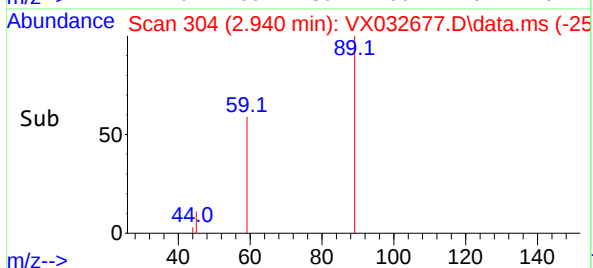
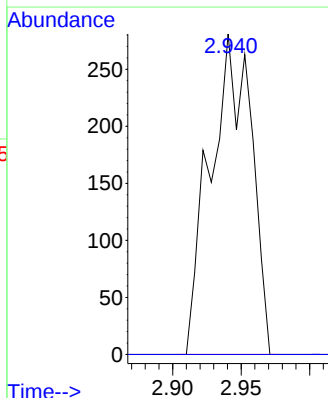
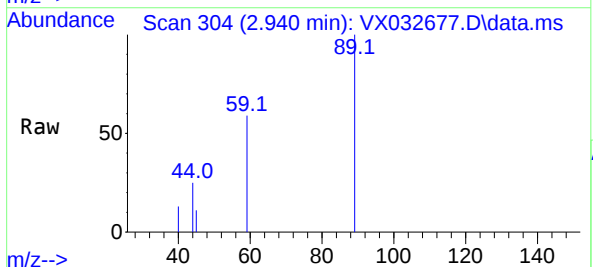
Instrument :
MSVOA_X
ClientSampleId :
MW-10

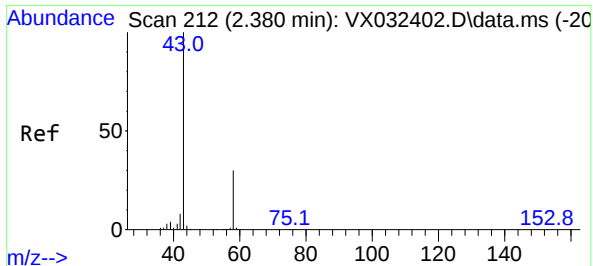
Tgt Ion:142 Resp: 44
Ion Ratio Lower Upper
142 100
127 0.0 38.6 57.8#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 2.406 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032677.D
Acq: 09 Nov 2022 14:21

Tgt Ion: 59 Resp: 587
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

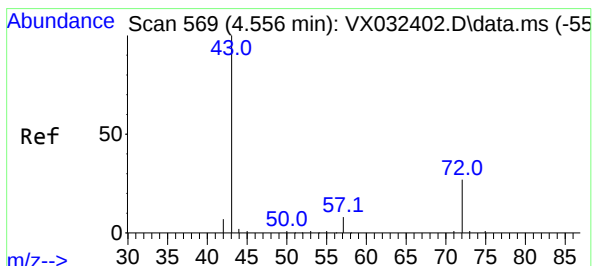
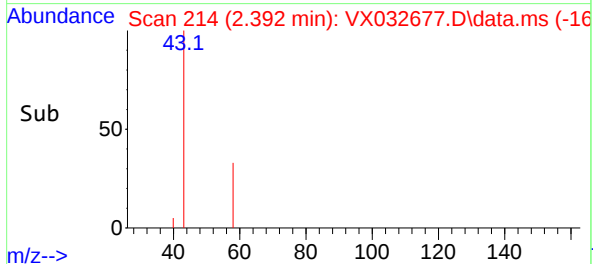
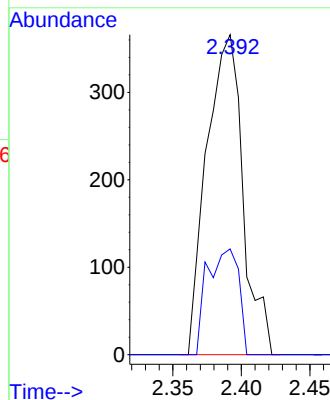
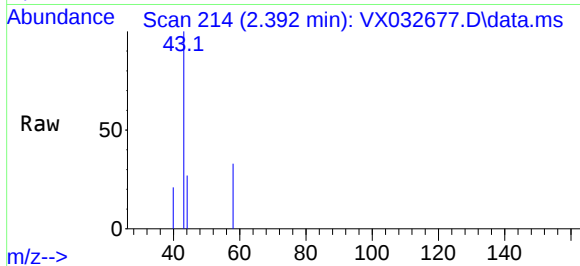




#16
Acetone
Concen: 1.105 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX032677.D
Acq: 09 Nov 2022 14:21

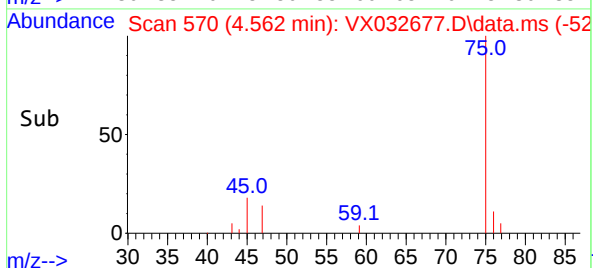
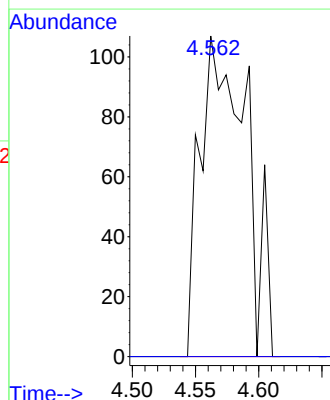
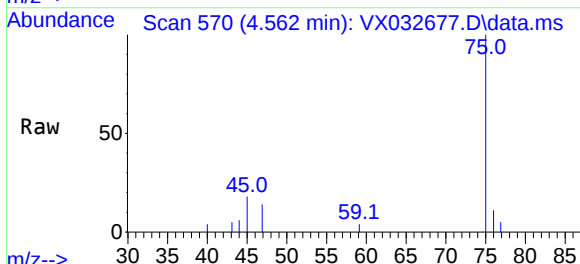
Instrument :
MSVOA_X
ClientSampleId :
MW-10

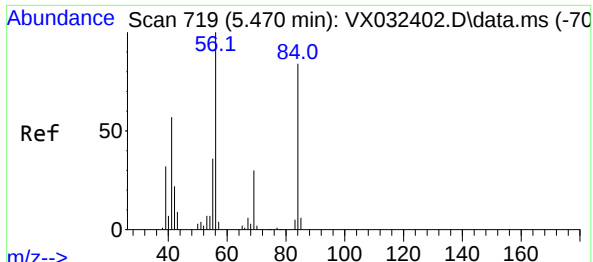
Tgt Ion: 43 Resp: 673
Ion Ratio Lower Upper
43 100
58 33.1 23.8 35.8



#25
2-Butanone
Concen: 0.289 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX032677.D
Acq: 09 Nov 2022 14:21

Tgt Ion: 43 Resp: 273
Ion Ratio Lower Upper
43 100
72 0.0 22.2 33.2#

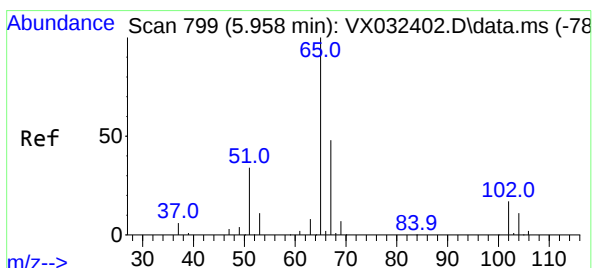
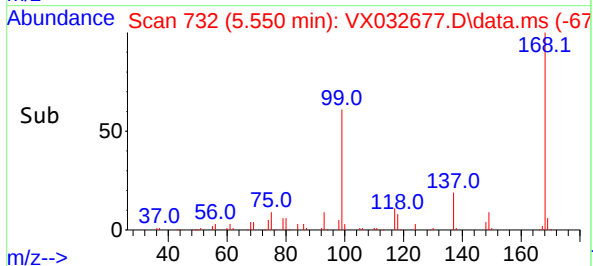
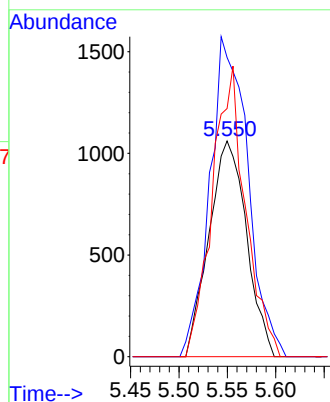
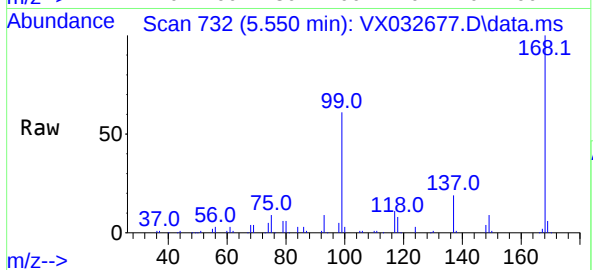




#31
Cyclohexane
Concen: 1.410 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032677.D
Acq: 09 Nov 2022 14:21

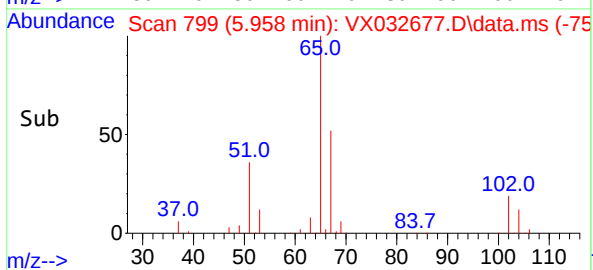
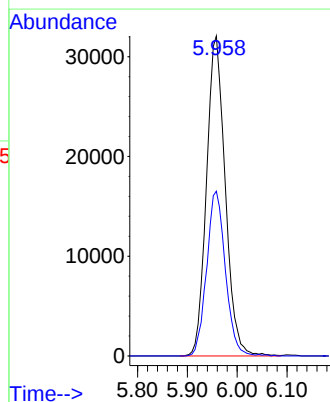
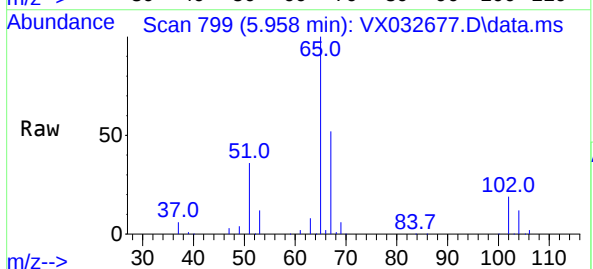
Instrument :
MSVOA_X
ClientSampleId :
MW-10

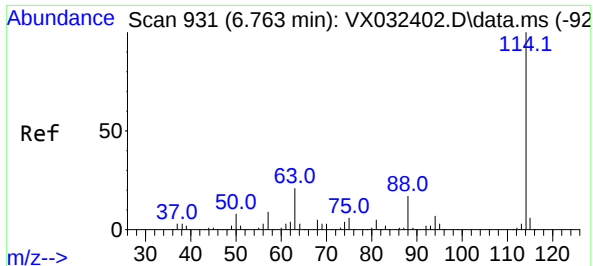
Tgt Ion: 56 Resp: 2866
Ion Ratio Lower Upper
56 100
69 138.7 24.1 36.1#
84 115.1 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 49.915 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032677.D
Acq: 09 Nov 2022 14:21

Tgt Ion: 65 Resp: 83663
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.8

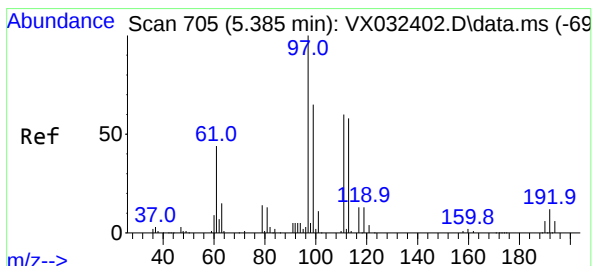
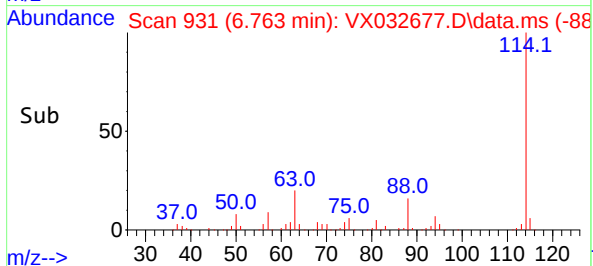
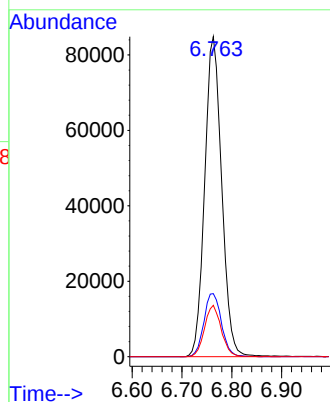
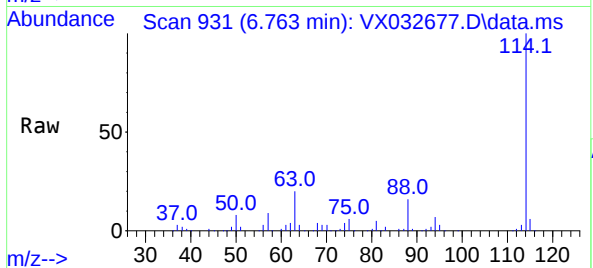




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032677.D
Acq: 09 Nov 2022 14:21

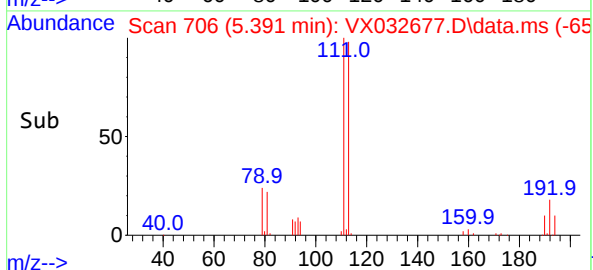
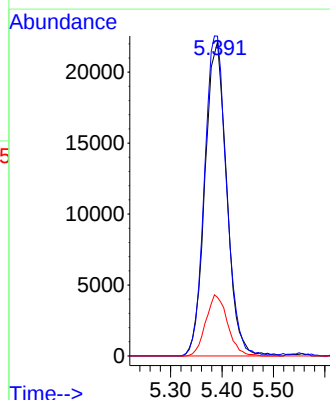
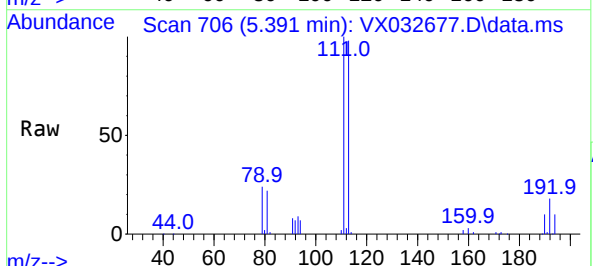
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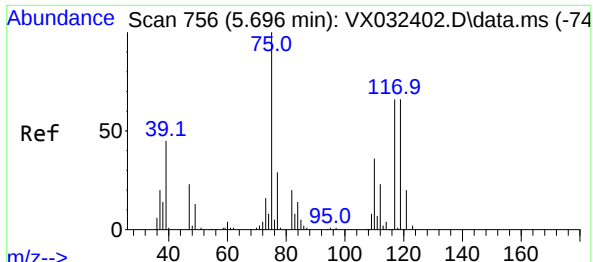
Tgt Ion:114 Resp: 200743
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.6
88 16.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.357 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032677.D
Acq: 09 Nov 2022 14:21

Tgt Ion:113 Resp: 64948
Ion Ratio Lower Upper
113 100
111 103.3 82.4 123.6
192 19.5 15.4 23.2

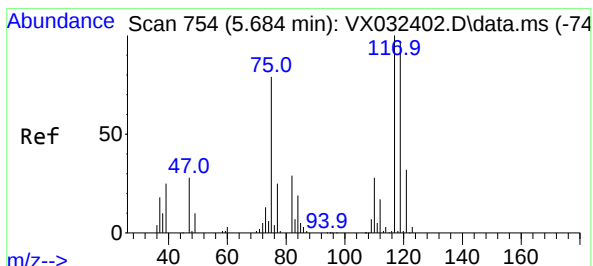
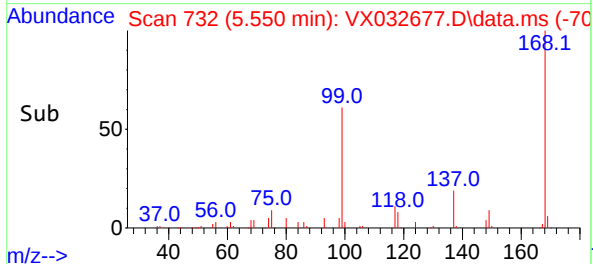
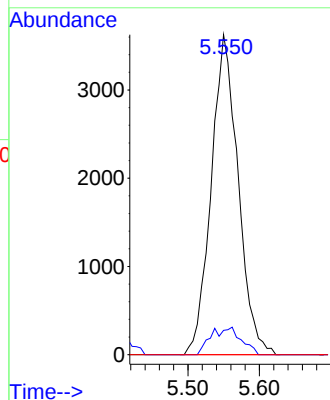
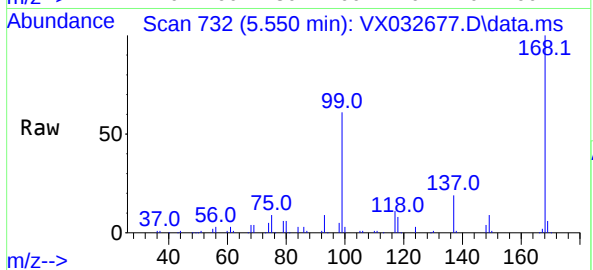




#36
1,1-Dichloropropene
Concen: 4.756 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX032677.D
Acq: 09 Nov 2022 14:21

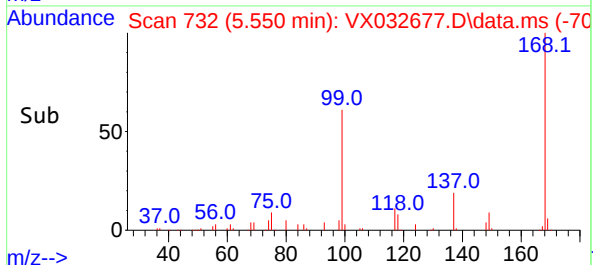
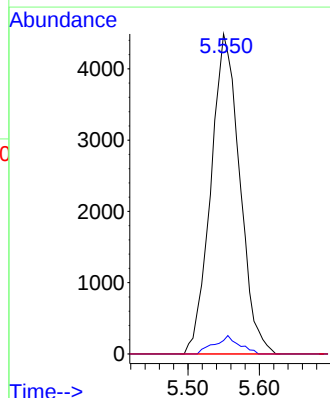
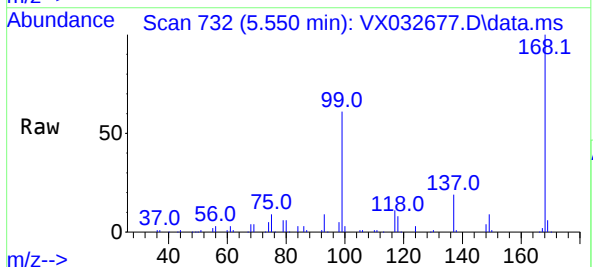
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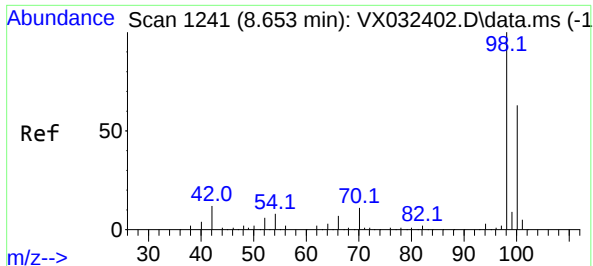
Tgt Ion: 75 Resp: 9483
Ion Ratio Lower Upper
75 100
110 9.6 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.701 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032677.D
Acq: 09 Nov 2022 14:21

Tgt Ion: 117 Resp: 12609
Ion Ratio Lower Upper
117 100
119 4.2 77.2 115.8#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 48.860 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032677.D

Acq: 09 Nov 2022 14:21

Instrument :

MSVOA_X

ClientSampleId :

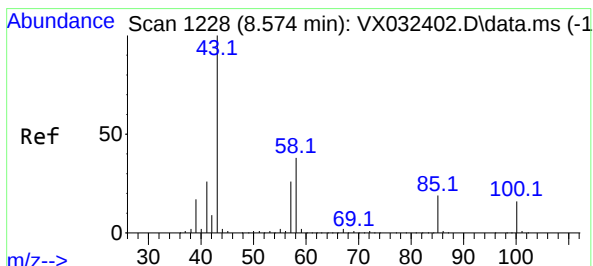
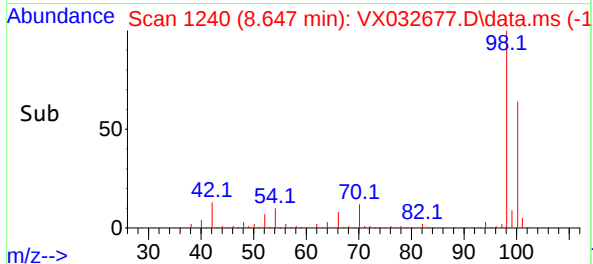
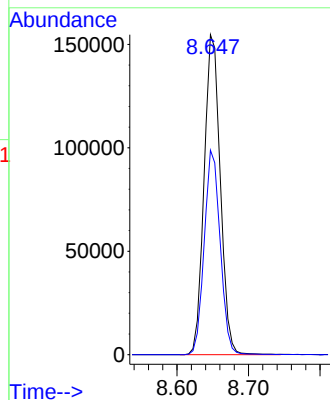
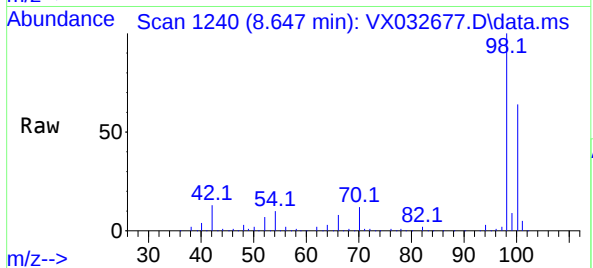
MW-10

Tgt Ion: 98 Resp: 243279

Ion Ratio Lower Upper

98 100

100 63.1 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.585 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX032677.D

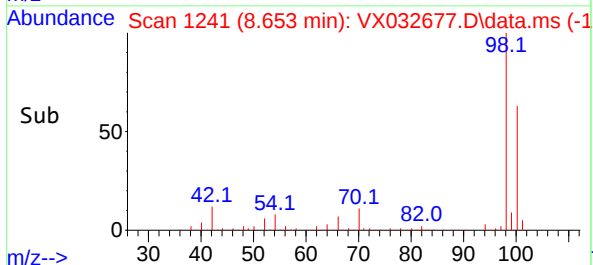
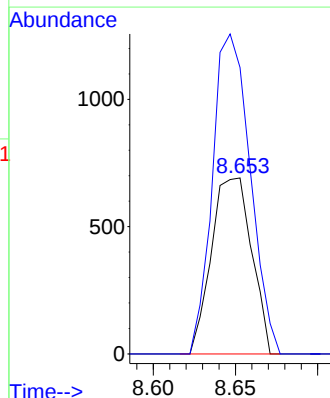
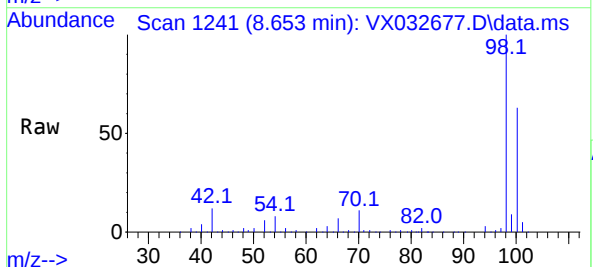
Acq: 09 Nov 2022 14:21

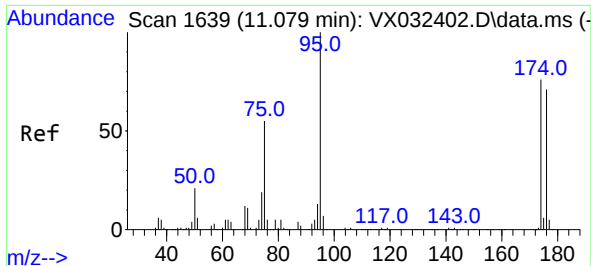
Tgt Ion: 43 Resp: 1175

Ion Ratio Lower Upper

43 100

58 170.6 30.9 46.3#





#62

4-Bromofluorobenzene

Concen: 46.880 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032677.D

Acq: 09 Nov 2022 14:21

Instrument :

MSVOA_X

ClientSampleId :

MW-10

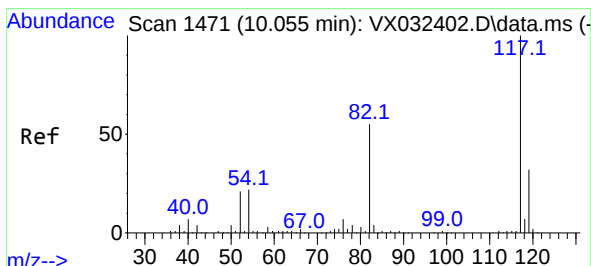
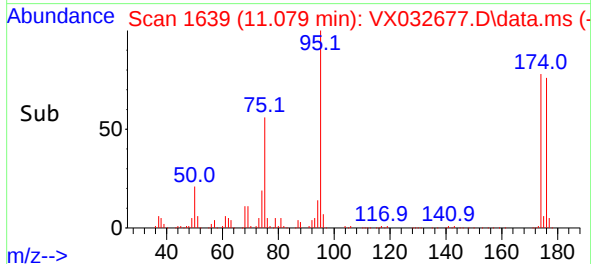
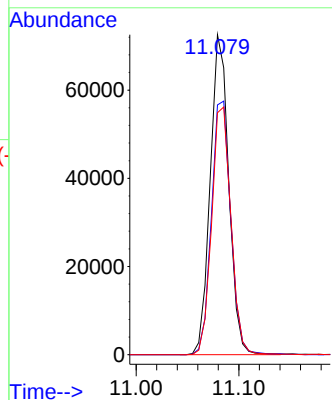
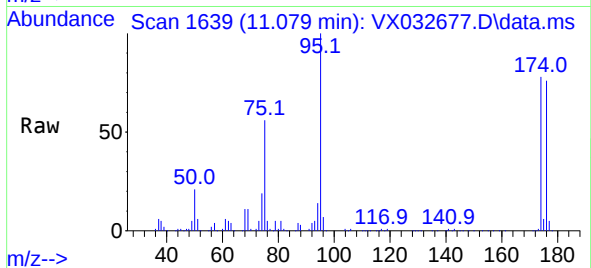
Tgt Ion: 95 Resp: 91180

Ion Ratio Lower Upper

95 100

174 82.7 0.0 164.0

176 80.4 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: VX032677.D

Acq: 09 Nov 2022 14:21

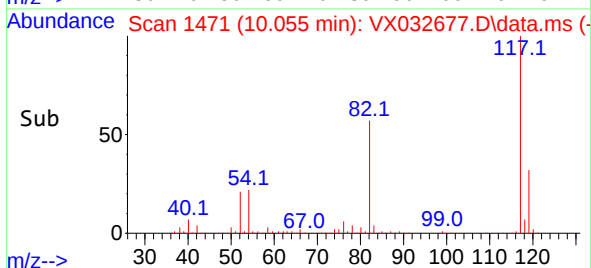
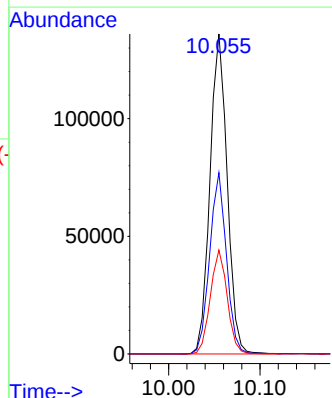
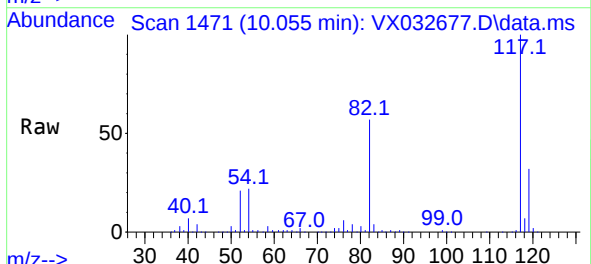
Tgt Ion: 117 Resp: 177430

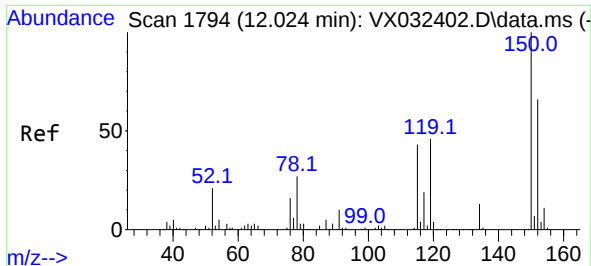
Ion Ratio Lower Upper

117 100

82 56.6 44.3 66.5

119 32.4 25.7 38.5

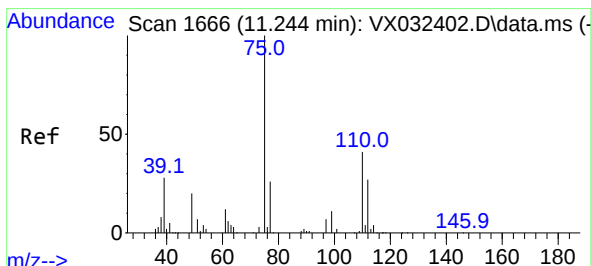
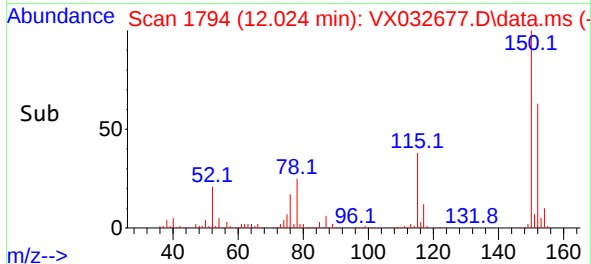
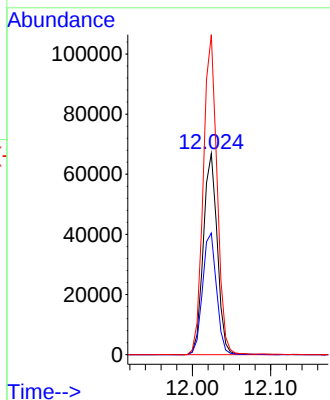
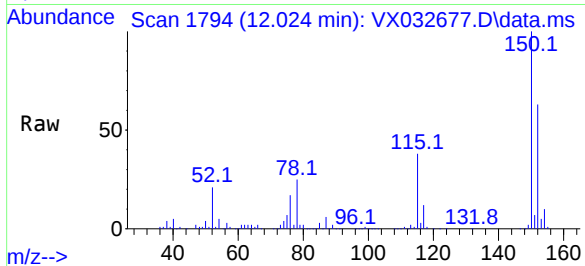




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX032677.D
Acq: 09 Nov 2022 14:21

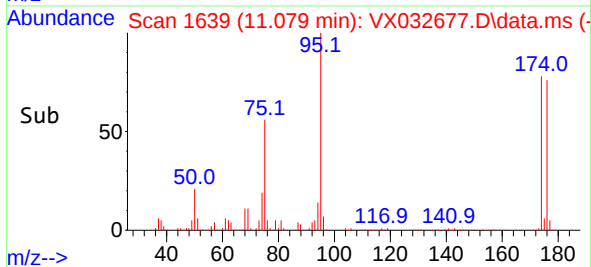
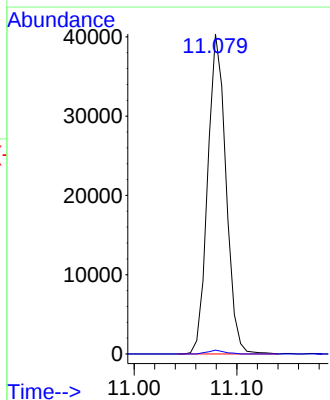
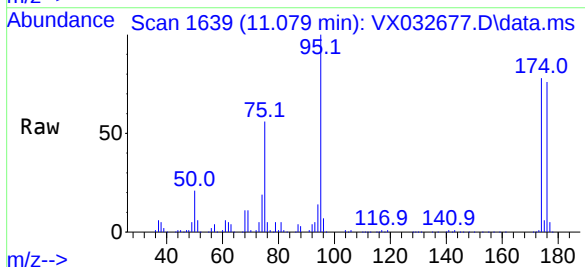
Instrument :
MSVOA_X
ClientSampleId :
MW-10

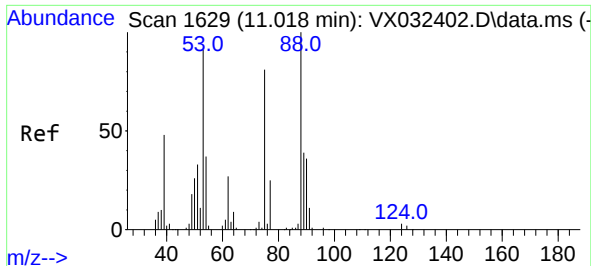
Tgt Ion:152 Resp: 82544
Ion Ratio Lower Upper
152 100
115 60.8 44.0 132.0
150 157.0 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.202 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032677.D
Acq: 09 Nov 2022 14:21

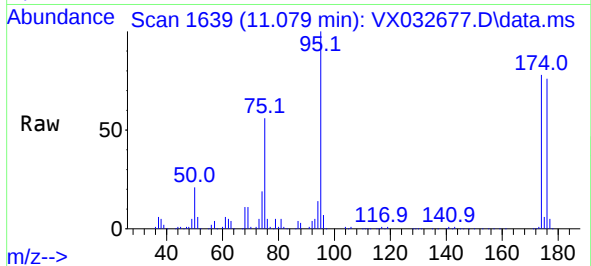
Tgt Ion: 75 Resp: 49953
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.556 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX032677.D
 Acq: 09 Nov 2022 14:21

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10



Tgt Ion: 75 Resp: 49953
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

