

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080323\
 Data File : VX036792.D
 Acq On : 03 Aug 2023 12:07
 Operator : JC/MD
 Sample : 03881-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-2

Quant Time: Aug 04 07:31:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

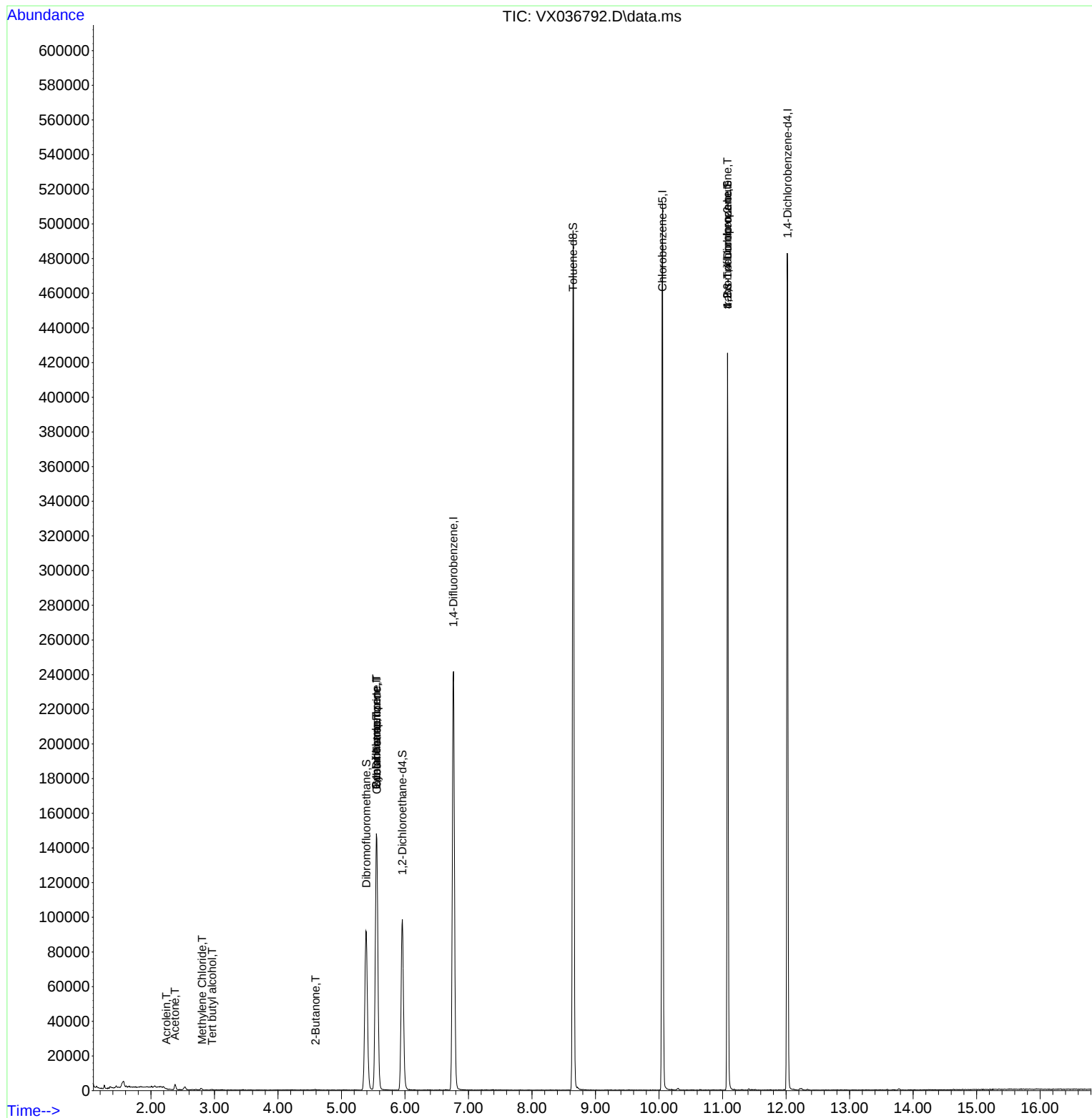
Internal Standards						
1) Pentafluorobenzene	5.550	168	136782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	251657	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	95098	46.988	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.980%
35) Dibromofluoromethane	5.391	113	80630	46.614	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.220%
50) Toluene-d8	8.647	98	297722	48.536	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.080%
62) 4-Bromofluorobenzene	11.079	95	109685	47.395	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.780%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	291	0.607	ug/l #	78
13) Acrolein	2.239	56	166	0.607	ug/l #	12
16) Acetone	2.380	43	3267	3.890	ug/l #	89
20) Methylene Chloride	2.806	84	459	0.246	ug/l #	45
25) 2-Butanone	4.593	43	434	0.319	ug/l #	51
31) Cyclohexane	5.550	56	3085	1.101	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11554	4.481	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14755	5.383	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	56904	24.801	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	56904	56.212	ug/l #	5

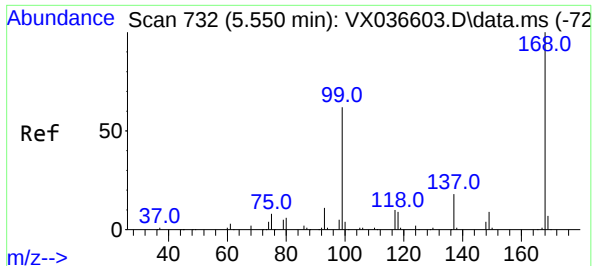
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080323\
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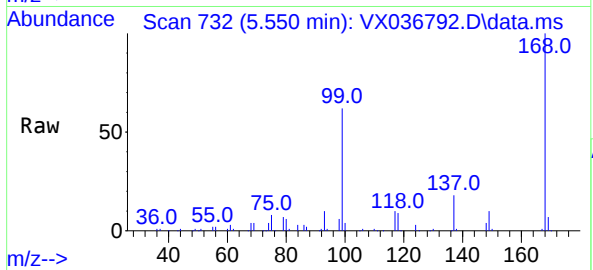
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



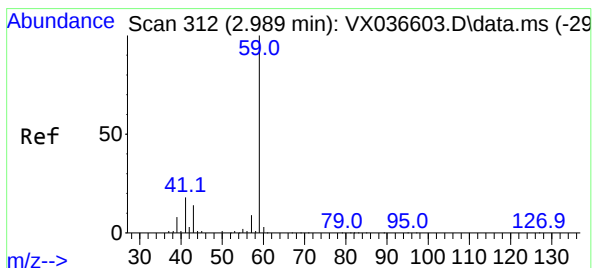
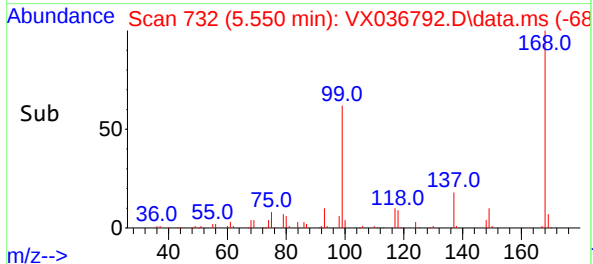
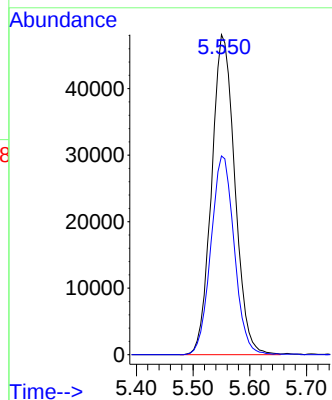


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036792.D
Acq: 03 Aug 2023 12:07

Instrument :
MSVOA_X
ClientSampleId :
MH-2

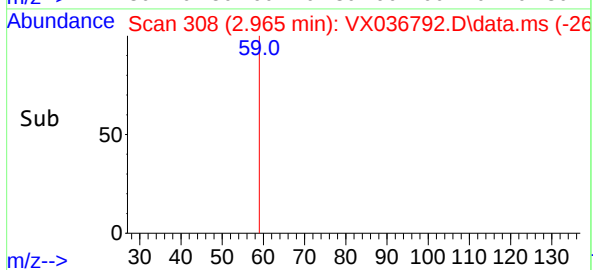
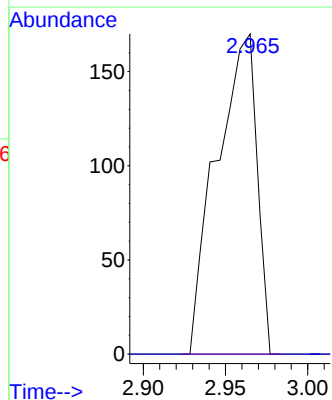
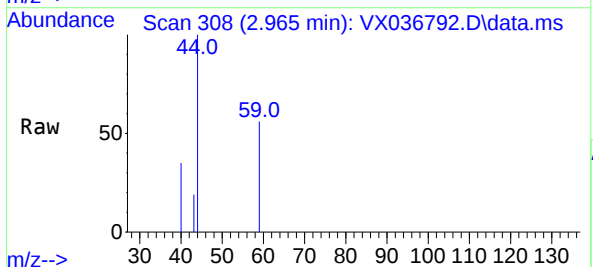


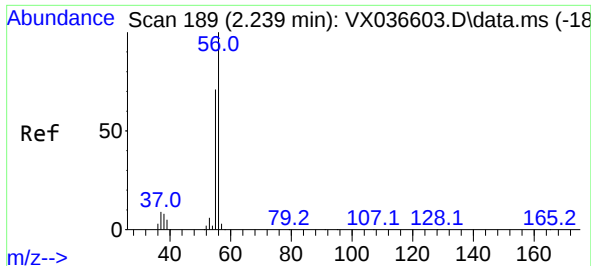
Tgt Ion:168 Resp: 136782
Ion Ratio Lower Upper
168 100
99 62.1 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.607 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX036792.D
Acq: 03 Aug 2023 12:07

Tgt Ion: 59 Resp: 291
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

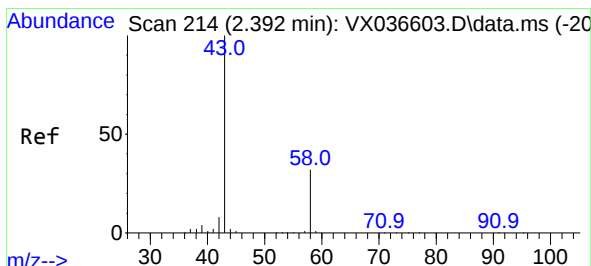
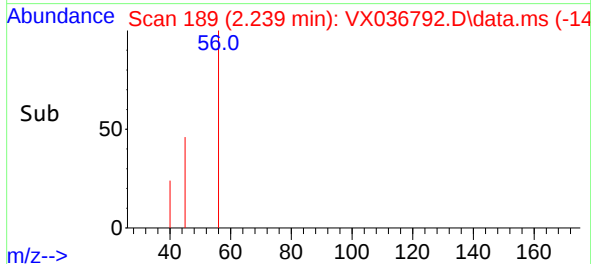
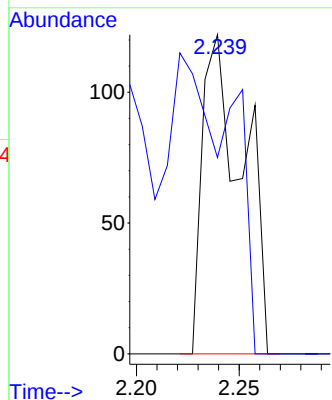
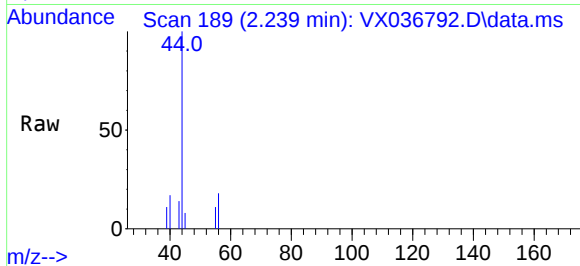




#13
Acrolein
Concen: 0.607 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036792.D
Acq: 03 Aug 2023 12:07

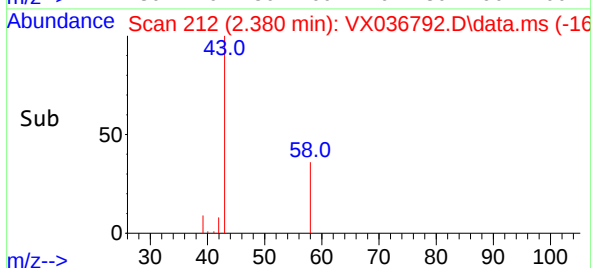
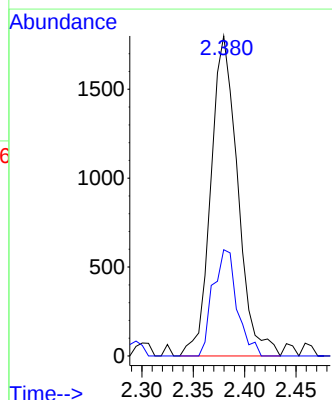
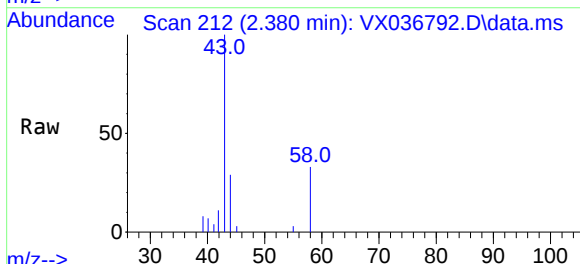
Instrument :
MSVOA_X
ClientSampleId :
MH-2

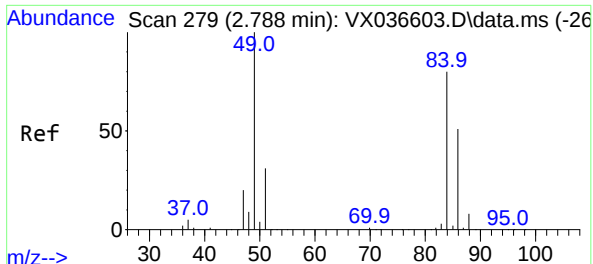
Tgt Ion: 56 Resp: 166
Ion Ratio Lower Upper
56 100
55 144.6 57.1 85.7#



#16
Acetone
Concen: 3.890 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036792.D
Acq: 03 Aug 2023 12:07

Tgt Ion: 43 Resp: 3267
Ion Ratio Lower Upper
43 100
58 33.2 21.9 32.9#



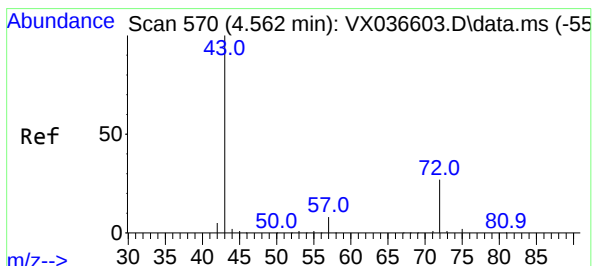
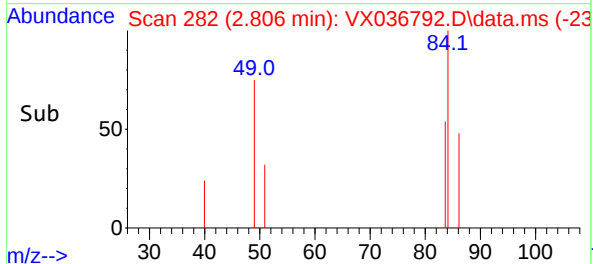
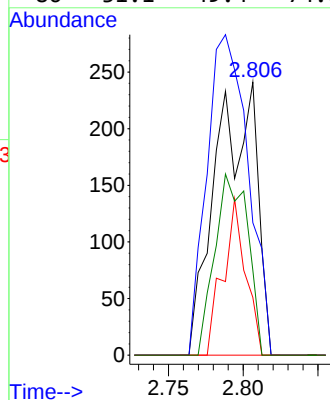
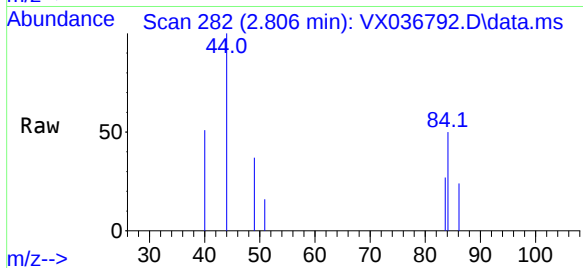


#20
Methylene Chloride
Concen: 0.246 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.018 min
Lab File: VX036792.D
Acq: 03 Aug 2023 12:07

Instrument :
MSVOA_X
ClientSampleId :
MH-2

Tgt Ion: 84 Resp: 459

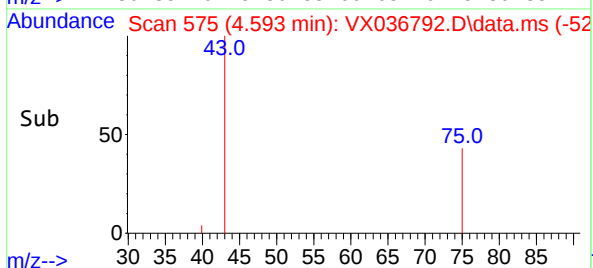
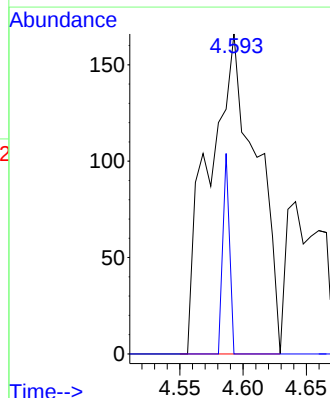
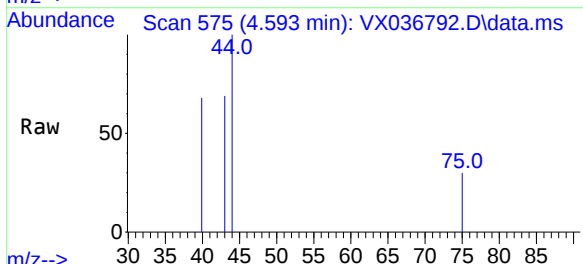
Ion	Ratio	Lower	Upper
84	100		
49	48.5	103.6	155.4#
51	21.2	33.8	50.6#
86	31.1	49.4	74.0#

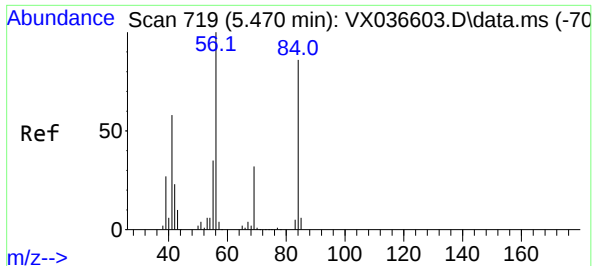


#25
2-Butanone
Concen: 0.319 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.031 min
Lab File: VX036792.D
Acq: 03 Aug 2023 12:07

Tgt Ion: 43 Resp: 434

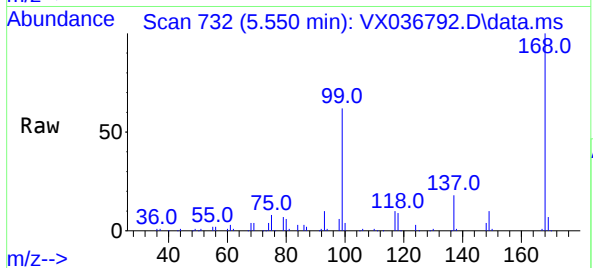
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#



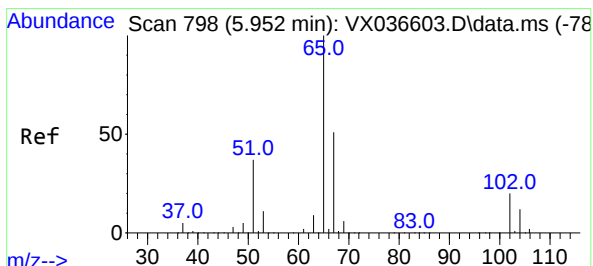
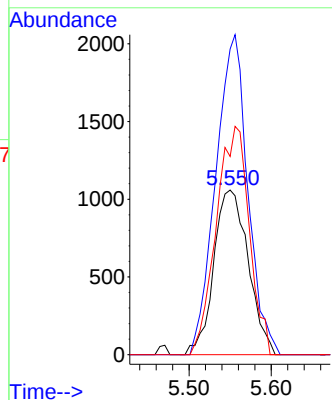
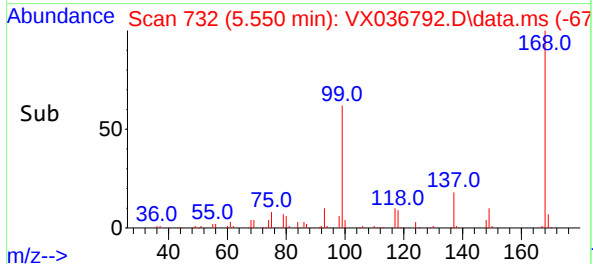


#31
Cyclohexane
Concen: 1.101 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX036792.D
Acq: 03 Aug 2023 12:07

Instrument :
MSVOA_X
ClientSampleId :
MH-2

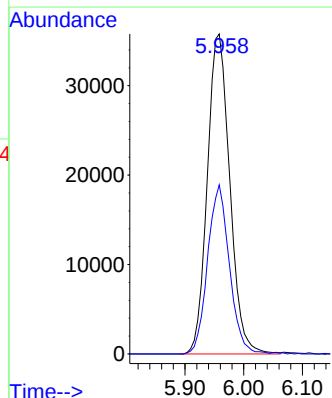
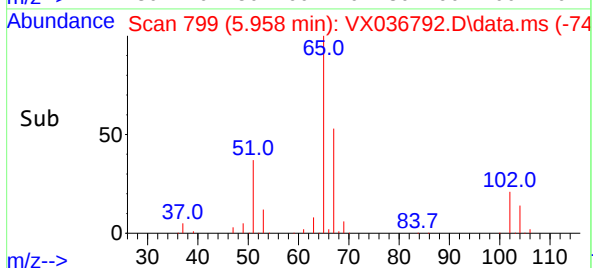
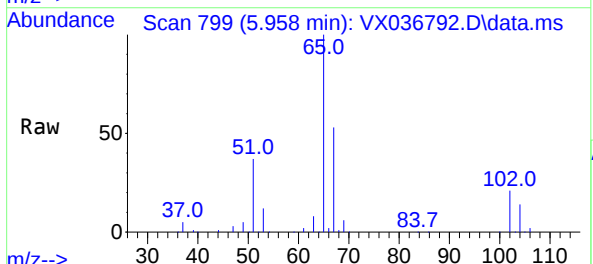


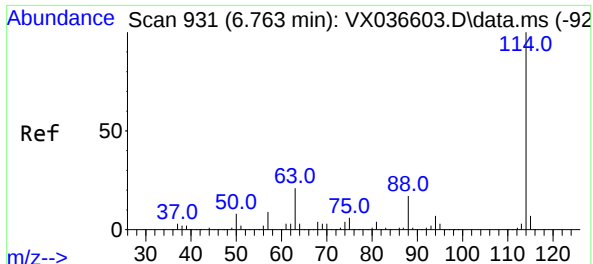
Tgt Ion: 56 Resp: 3085
Ion Ratio Lower Upper
56 100
69 185.6 23.4 35.2#
84 120.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.988 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036792.D
Acq: 03 Aug 2023 12:07

Tgt Ion: 65 Resp: 95098
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2

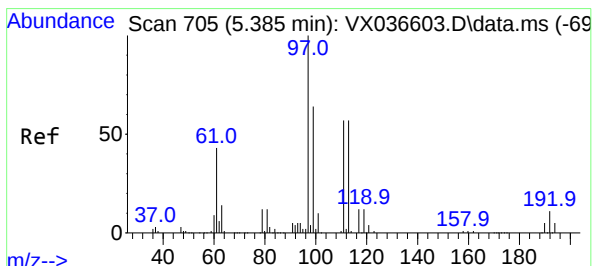
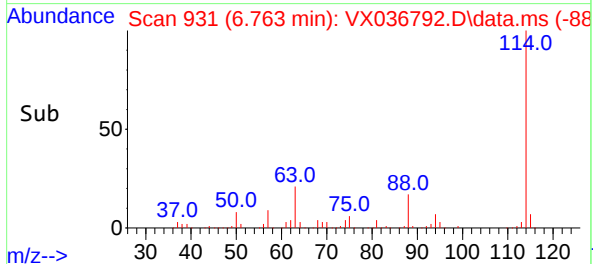
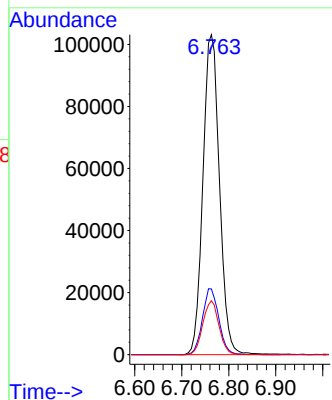
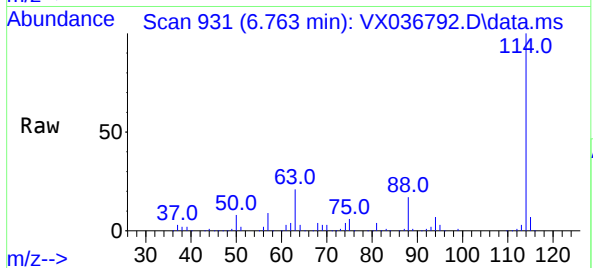




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036792.D
Acq: 03 Aug 2023 12:07

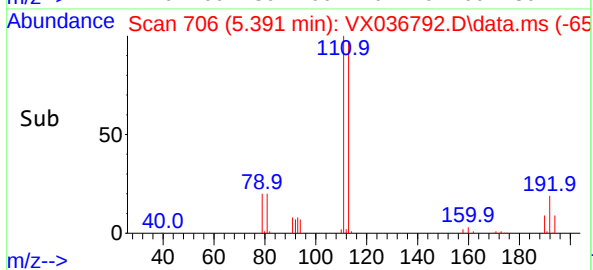
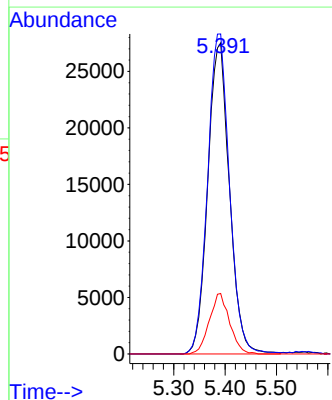
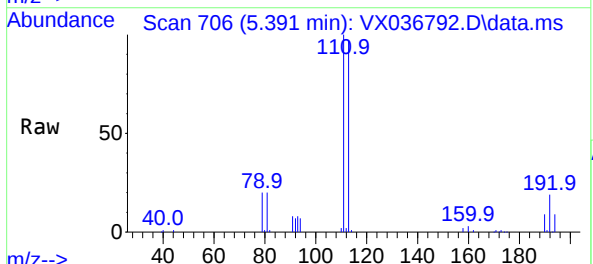
Instrument :
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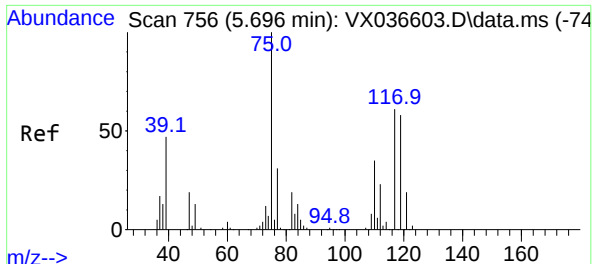
Tgt Ion:114 Resp: 251657
Ion Ratio Lower Upper
114 100
63 20.6 0.0 45.0
88 16.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.614 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036792.D
Acq: 03 Aug 2023 12:07

Tgt Ion:113 Resp: 80630
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 18.2 13.3 19.9

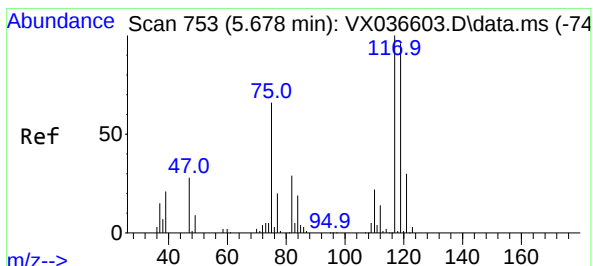
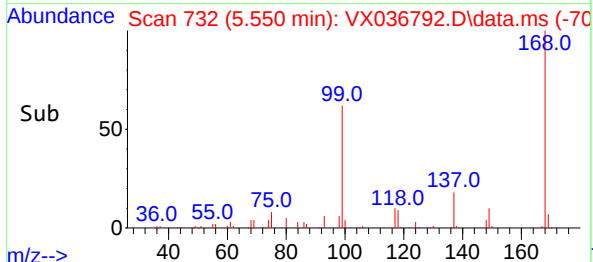
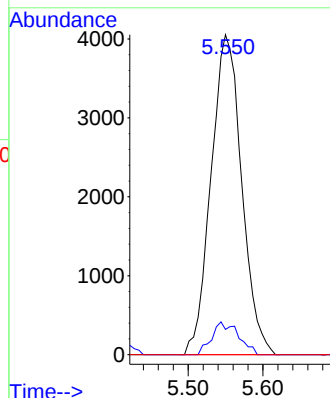
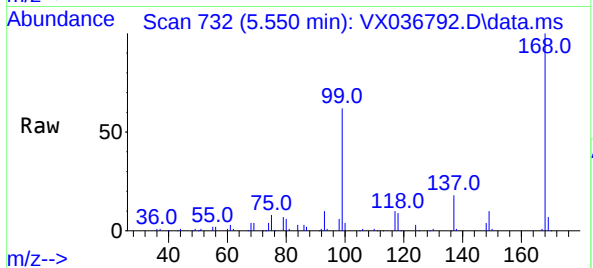




#36
1,1-Dichloropropene
Concen: 4.481 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX036792.D
Acq: 03 Aug 2023 12:07

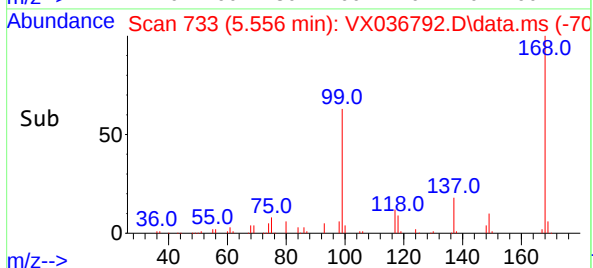
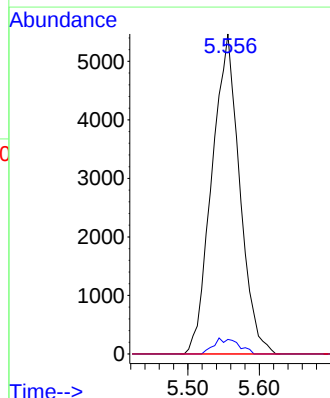
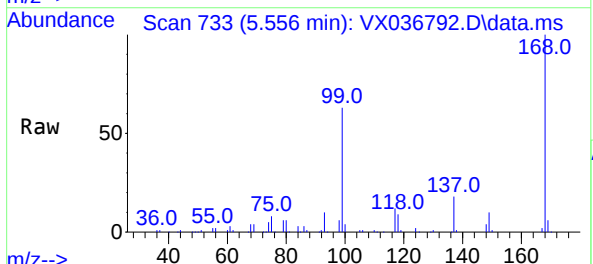
Instrument :
MSVOA_X
ClientSampleId :
MH-2

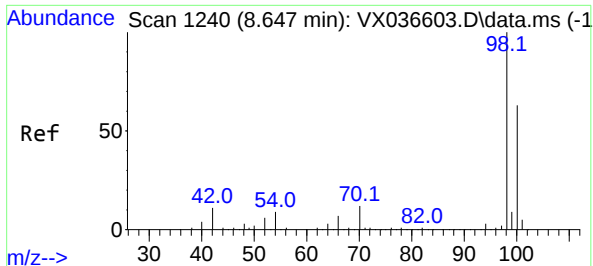
Tgt Ion: 75 Resp: 11554
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.383 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX036792.D
Acq: 03 Aug 2023 12:07

Tgt Ion: 117 Resp: 14755
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#

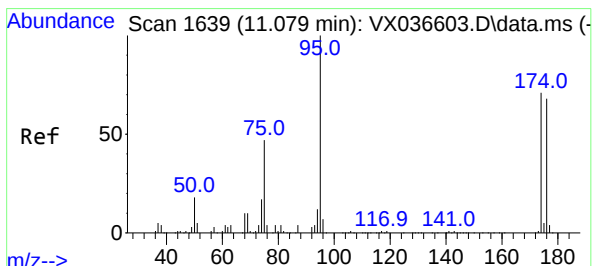
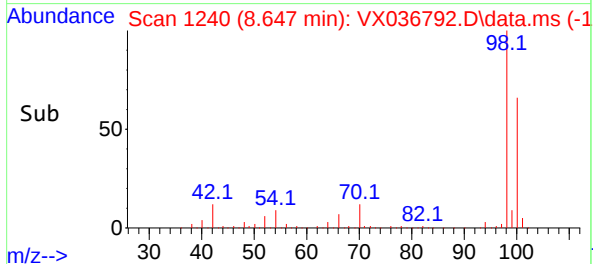
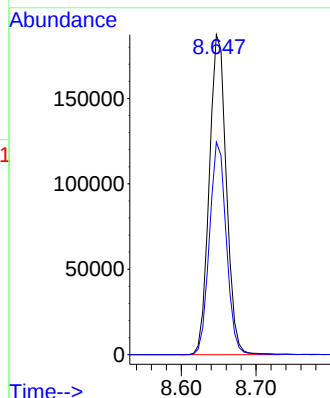
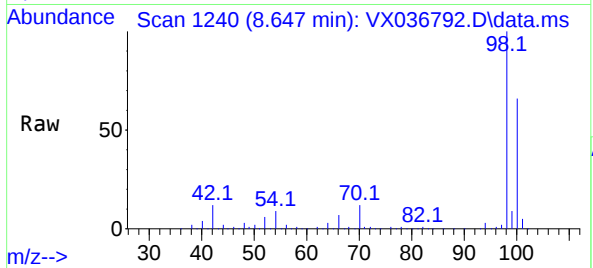




#50
Toluene-d8
Concen: 48.536 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036792.D
Acq: 03 Aug 2023 12:07

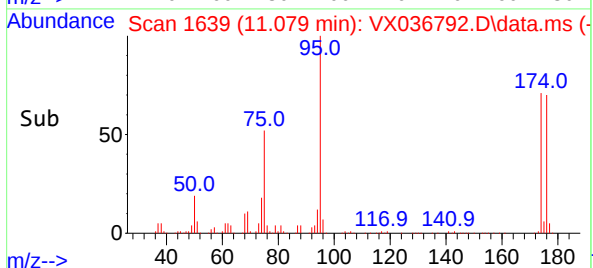
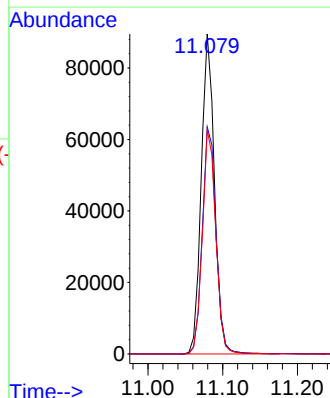
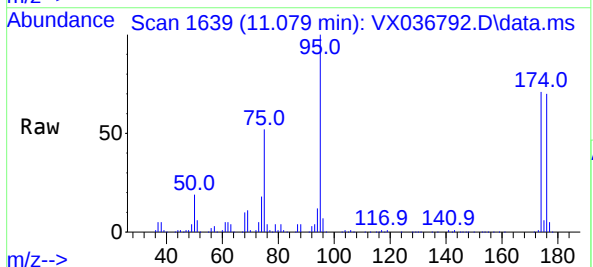
Instrument :
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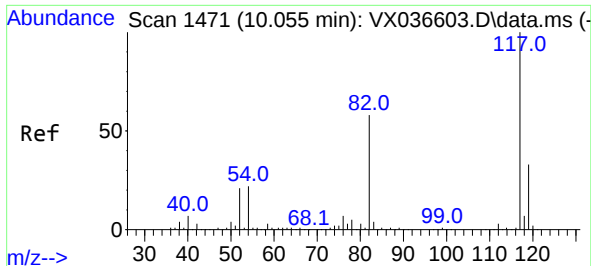
Tgt Ion: 98 Resp: 297722
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.395 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036792.D
Acq: 03 Aug 2023 12:07

Tgt Ion: 95 Resp: 109685
Ion Ratio Lower Upper
95 100
174 73.7 0.0 135.6
176 71.0 0.0 131.0

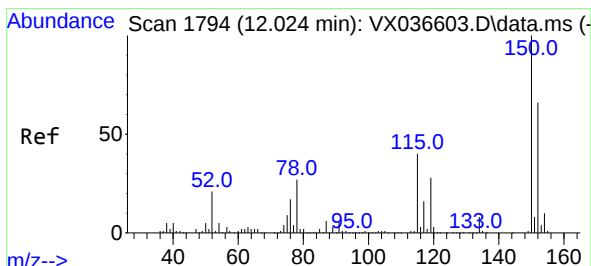
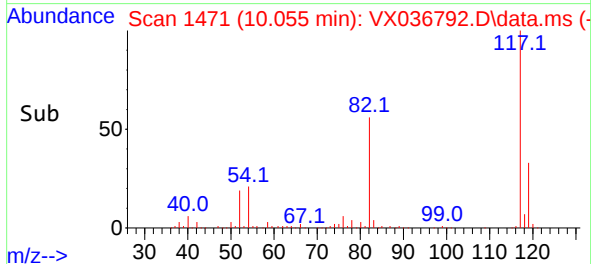
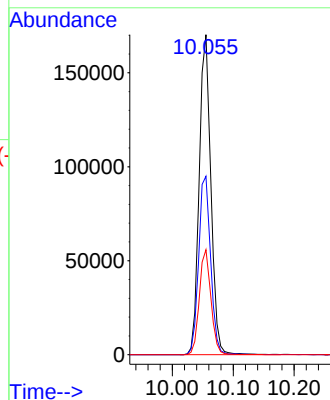
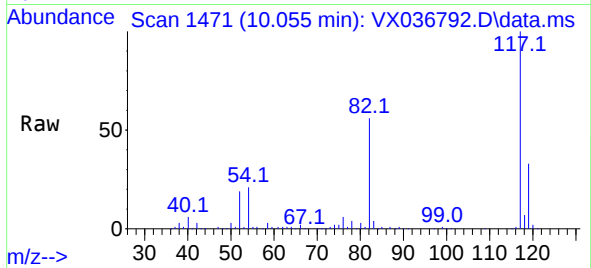




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036792.D
Acq: 03 Aug 2023 12:07

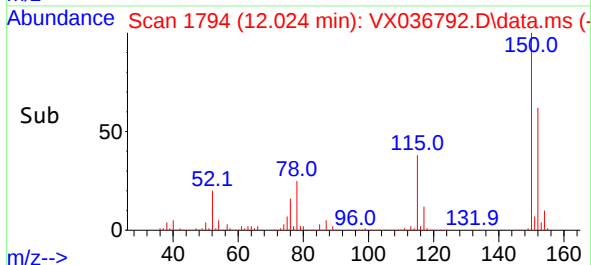
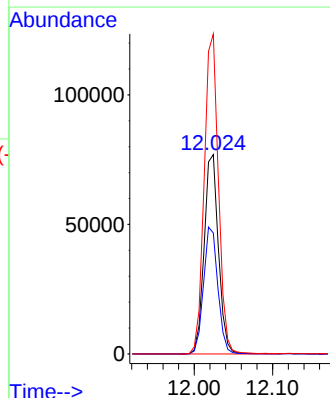
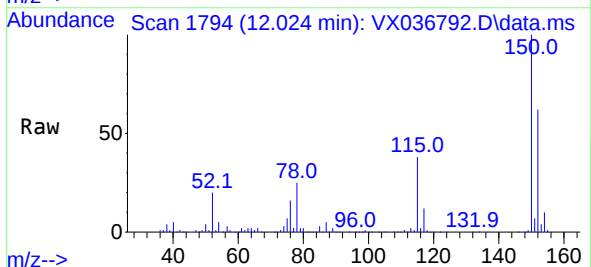
Instrument :
MSVOA_X
ClientSampleId :
MH-2

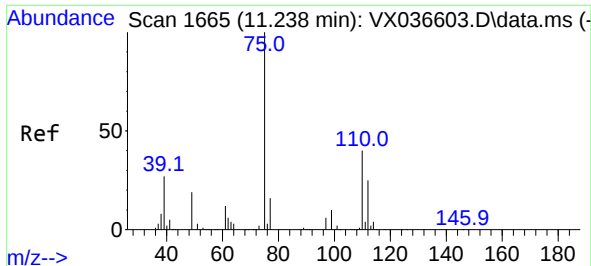
Tgt Ion:117 Resp: 226384
Ion Ratio Lower Upper
117 100
82 55.8 46.2 69.4
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036792.D
Acq: 03 Aug 2023 12:07

Tgt Ion:152 Resp: 97549
Ion Ratio Lower Upper
152 100
115 63.7 43.3 129.9
150 159.6 0.0 345.0

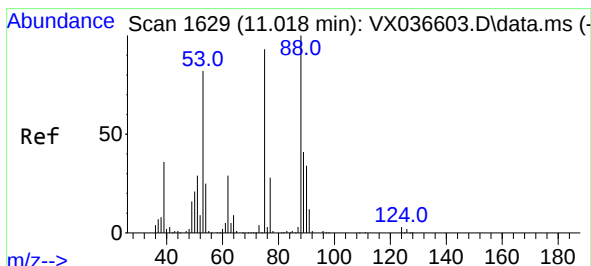
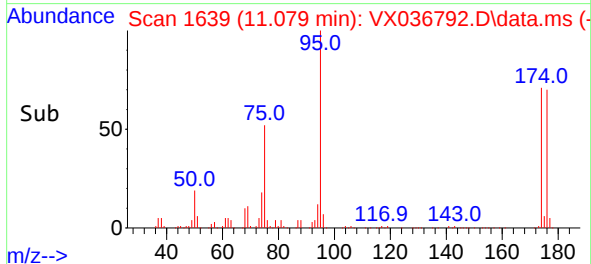
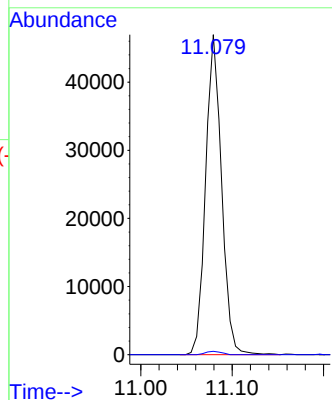
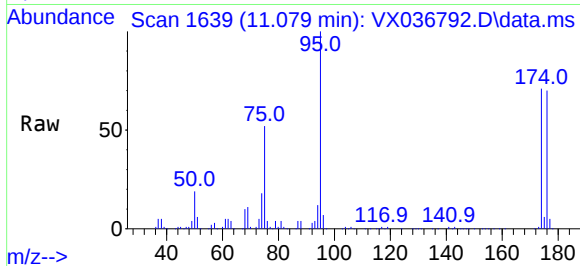




#76
1,2,3-Trichloropropane
Concen: 24.801 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036792.D
Acq: 03 Aug 2023 12:07

Instrument :
MSVOA_X
ClientSampleId :
MH-2

Tgt Ion: 75 Resp: 56904
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.212 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036792.D
Acq: 03 Aug 2023 12:07

Tgt Ion: 75 Resp: 56904
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

