

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080323\
 Data File : VX036793.D
 Acq On : 03 Aug 2023 12:31
 Operator : JC/MD
 Sample : 03881-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-1

Quant Time: Aug 04 07:31:57 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)

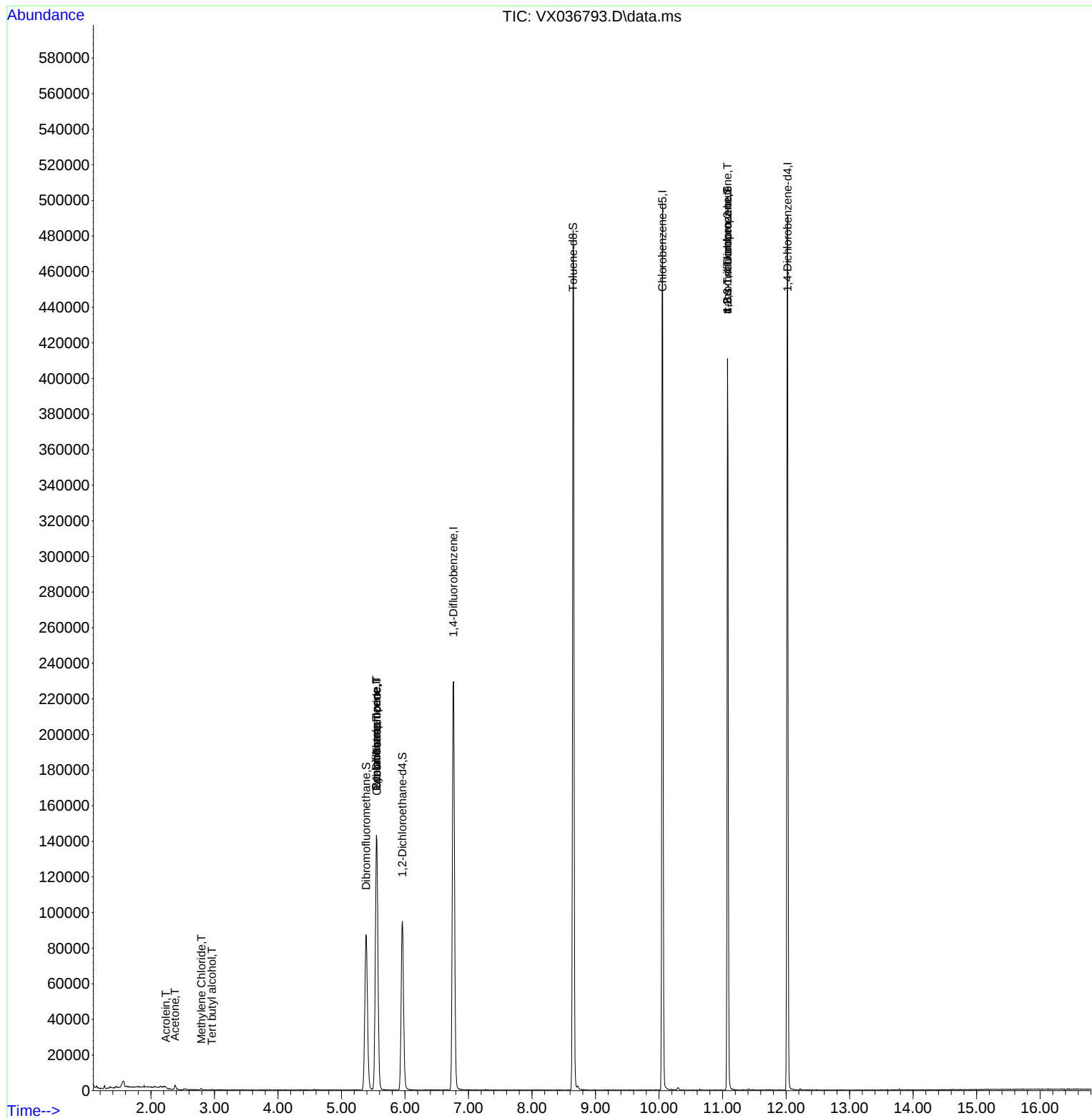
Internal Standards						
1) Pentafluorobenzene	5.550	168	132974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	241088	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91253	46.379	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.760%
35) Dibromofluoromethane	5.385	113	76769	46.327	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.660%
50) Toluene-d8	8.647	98	287972	49.004	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.000%
62) 4-Bromofluorobenzene	11.079	95	109393	49.341	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.680%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	322	0.691	ug/l #	78
13) Acrolein	2.233	56	65	0.245	ug/l #	14
16) Acetone	2.380	43	2603	3.188	ug/l #	83
20) Methylene Chloride	2.794	84	469	0.258	ug/l #	77
31) Cyclohexane	5.550	56	3128	1.148	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10949	4.433	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14388	5.479	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	57497	23.799	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	57497	53.941	ug/l #	5

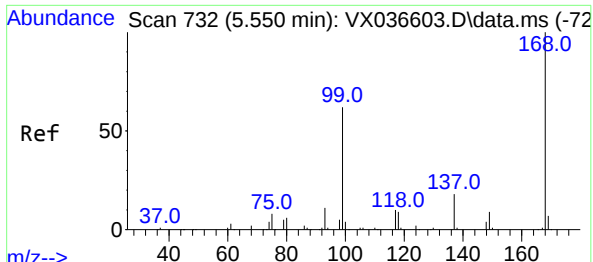
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MH-1

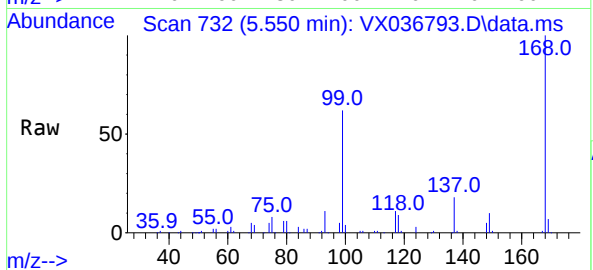
Quant Time: Aug 04 07:31:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration



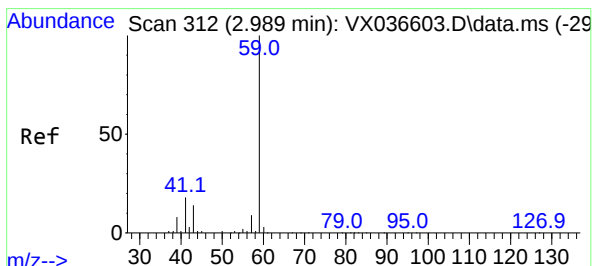
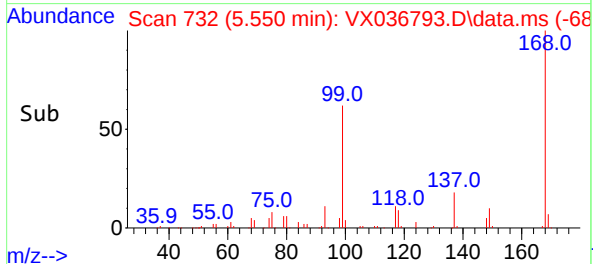
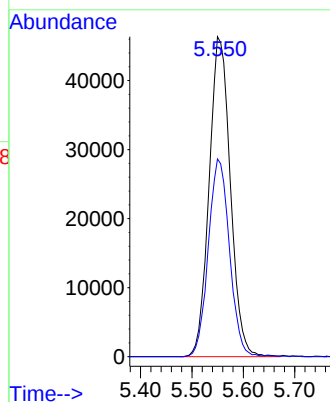


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036793.D
Acq: 03 Aug 2023 12:31

Instrument :
MSVOA_X
ClientSampleId :
MH-1

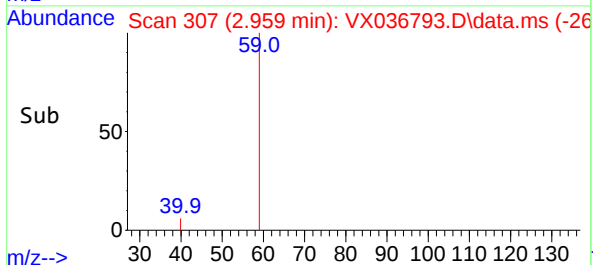
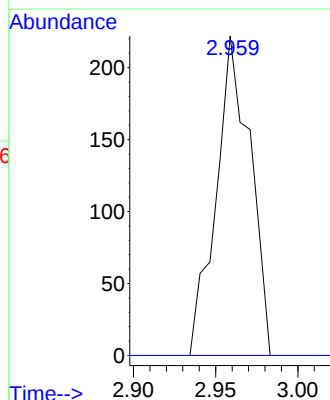
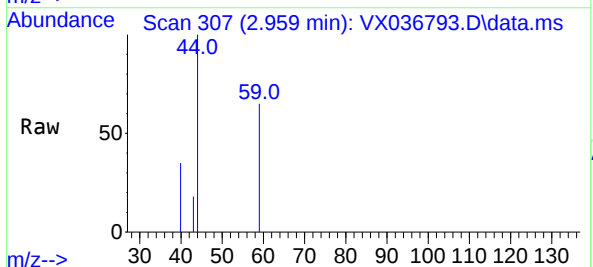


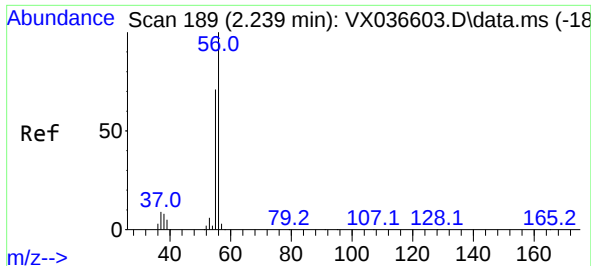
Tgt Ion:168 Resp: 132974
Ion Ratio Lower Upper
168 100
99 61.8 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.691 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX036793.D
Acq: 03 Aug 2023 12:31

Tgt Ion: 59 Resp: 322
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

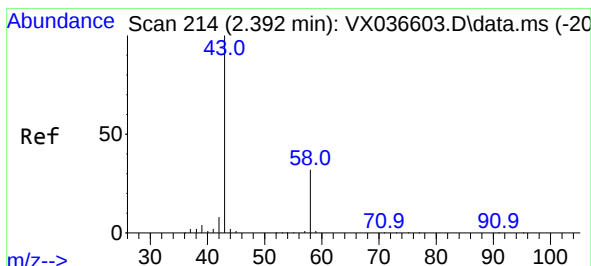
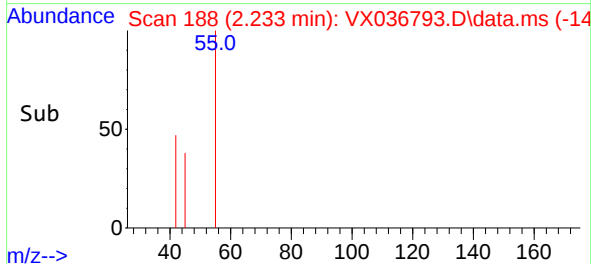
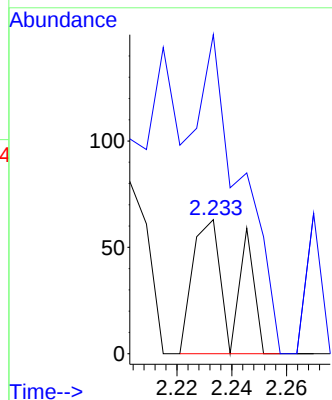
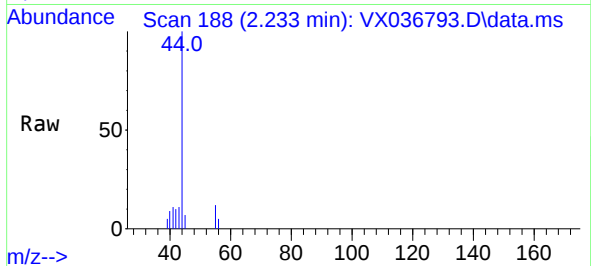




#13
Acrolein
Concen: 0.245 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036793.D
Acq: 03 Aug 2023 12:31

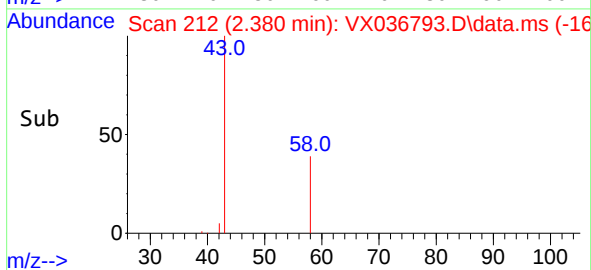
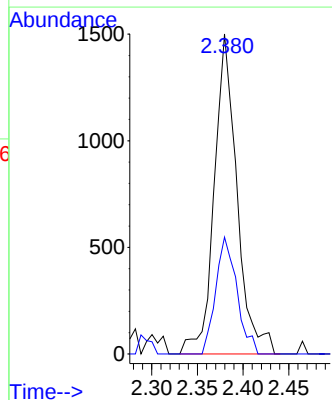
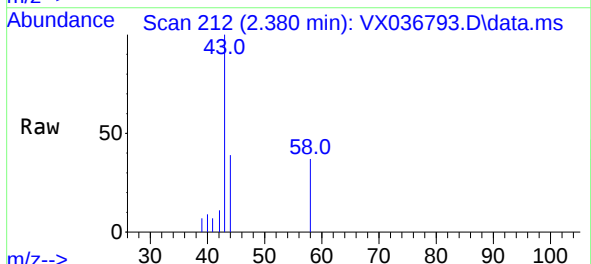
Instrument :
MSVOA_X
ClientSampleId :
MH-1

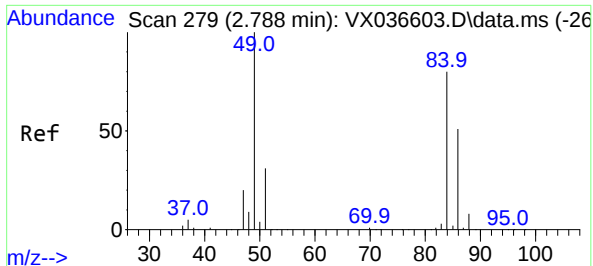
Tgt Ion: 56 Resp: 65
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 3.188 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036793.D
Acq: 03 Aug 2023 12:31

Tgt Ion: 43 Resp: 2603
Ion Ratio Lower Upper
43 100
58 36.5 21.9 32.9#



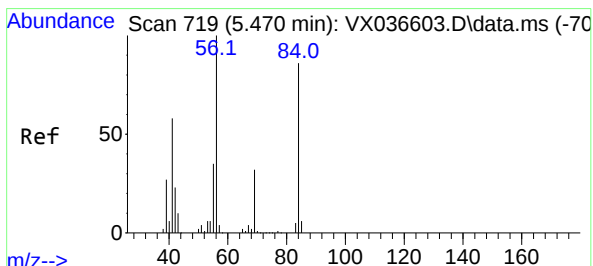
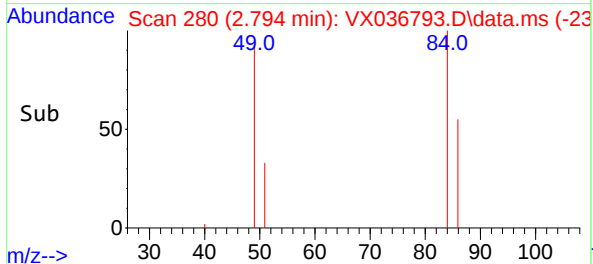
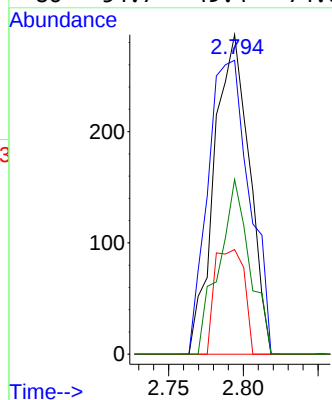
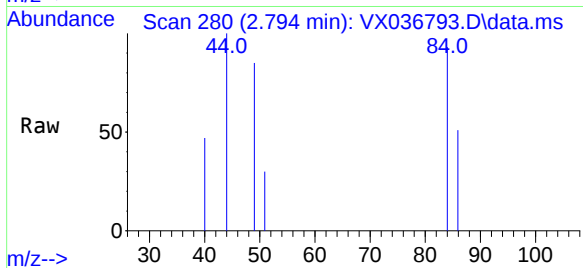


#20
Methylene Chloride
Concen: 0.258 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036793.D
Acq: 03 Aug 2023 12:31

Instrument :
MSVOA_X
ClientSampleId :
MH-1

Tgt Ion: 84 Resp: 469

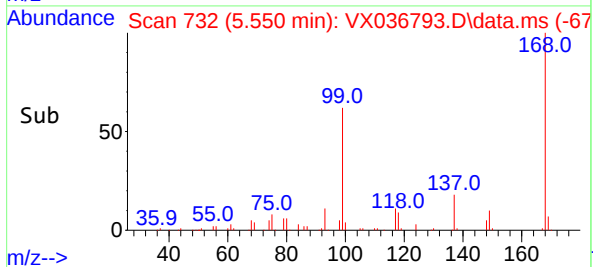
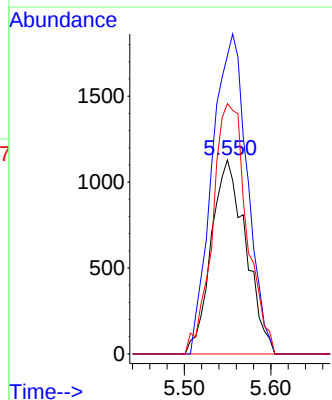
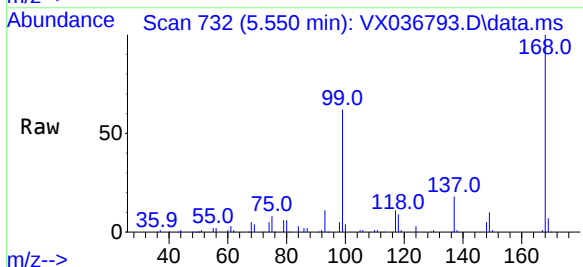
Ion	Ratio	Lower	Upper
84	100		
49	92.0	103.6	155.4#
51	32.8	33.8	50.6#
86	54.7	49.4	74.0

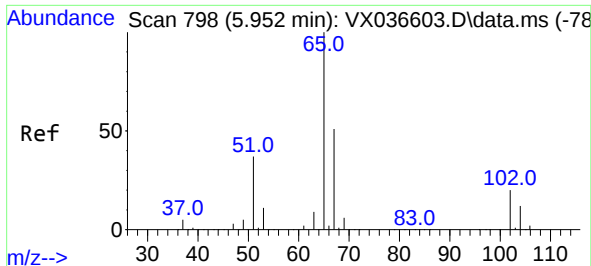


#31
Cyclohexane
Concen: 1.148 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX036793.D
Acq: 03 Aug 2023 12:31

Tgt Ion: 56 Resp: 3128

Ion	Ratio	Lower	Upper
56	100		
69	153.7	23.4	35.2#
84	129.1	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.379 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036793.D

Acq: 03 Aug 2023 12:31

Instrument :

MSVOA_X

ClientSampleId :

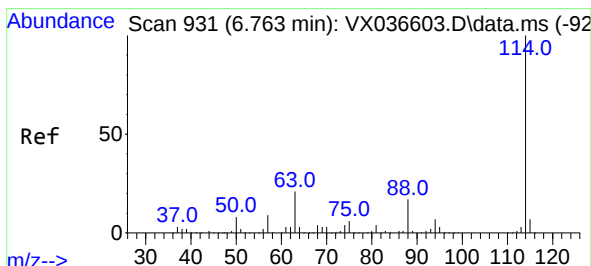
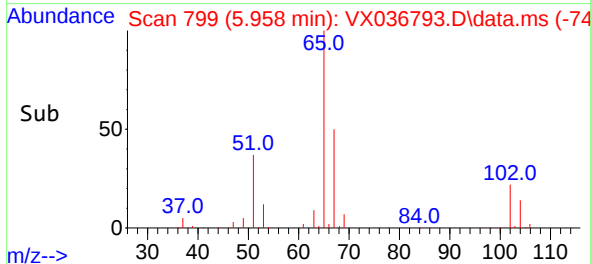
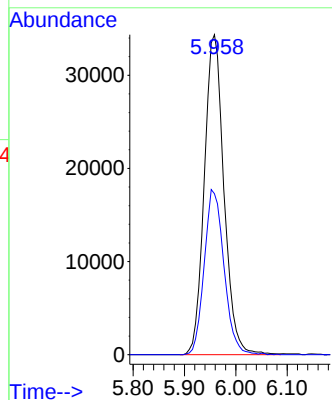
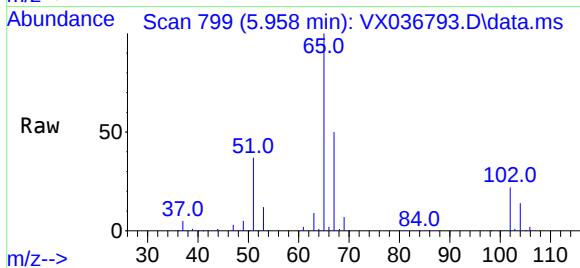
MH-1

Tgt Ion: 65 Resp: 91253

Ion Ratio Lower Upper

65 100

67 51.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036793.D

Acq: 03 Aug 2023 12:31

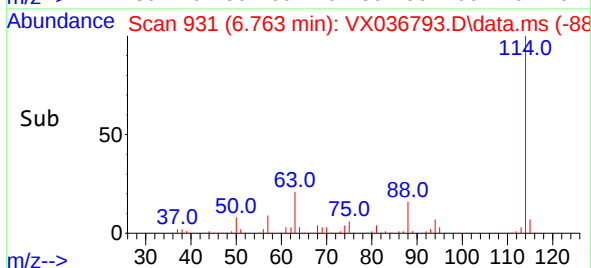
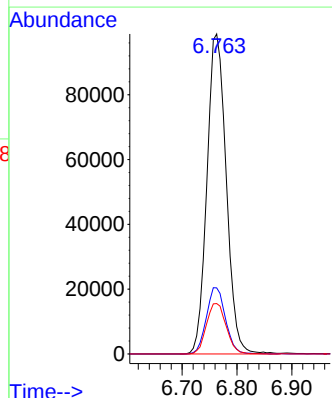
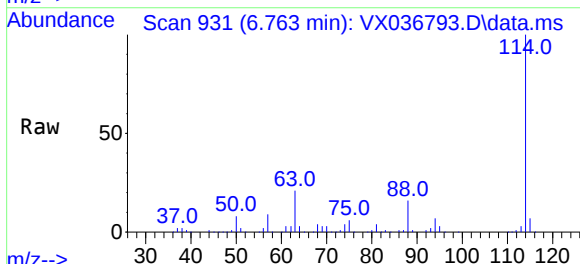
Tgt Ion: 114 Resp: 241088

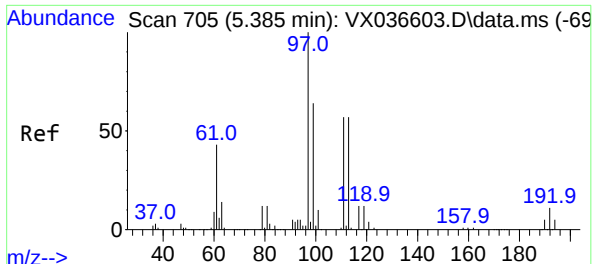
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

88 15.8 0.0 36.6

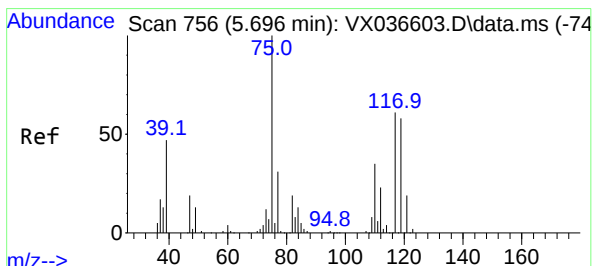
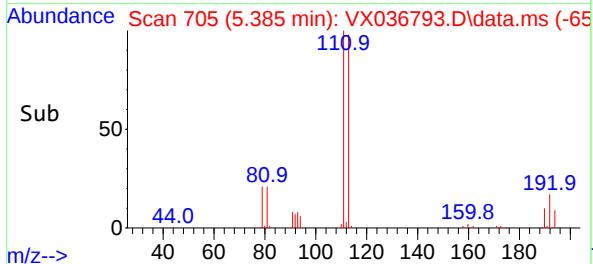
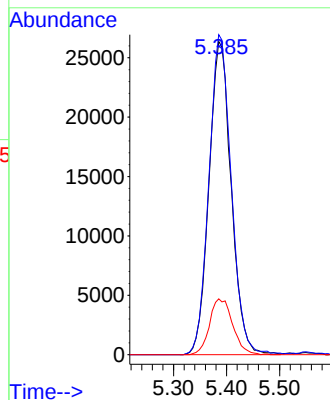
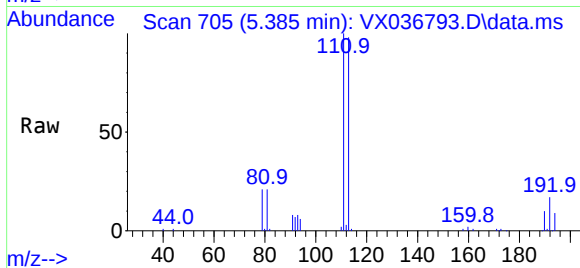




#35
Dibromofluoromethane
Concen: 46.327 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036793.D
Acq: 03 Aug 2023 12:31

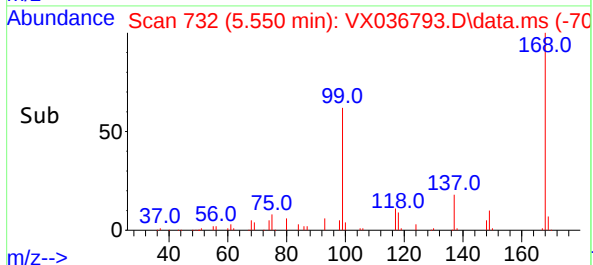
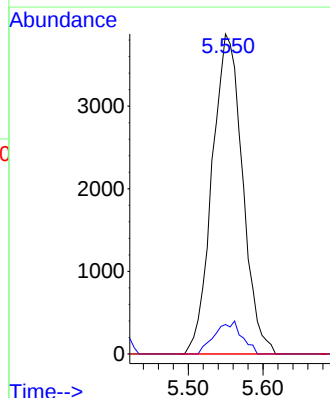
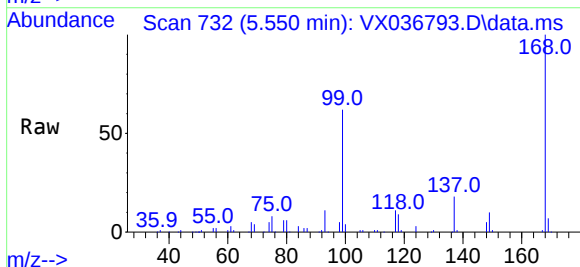
Instrument :
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MH-1

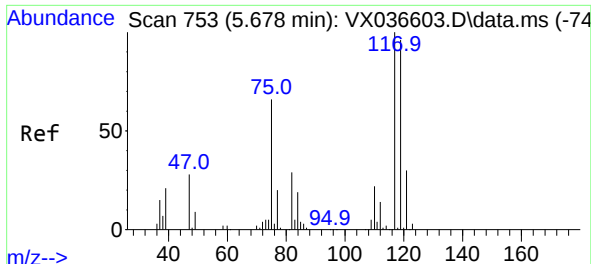
Tgt Ion:	113	Resp:	76769
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.9	124.3
192	18.5	13.3	19.9



#36
1,1-Dichloropropene
Concen: 4.433 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036793.D
Acq: 03 Aug 2023 12:31

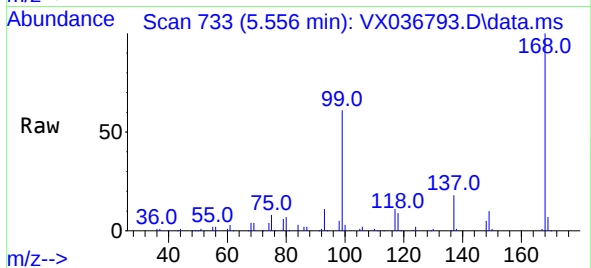
Tgt Ion:	75	Resp:	10949
Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.0	50.9#
77	0.0	24.7	37.1#



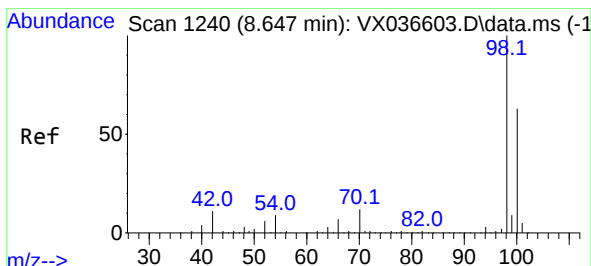
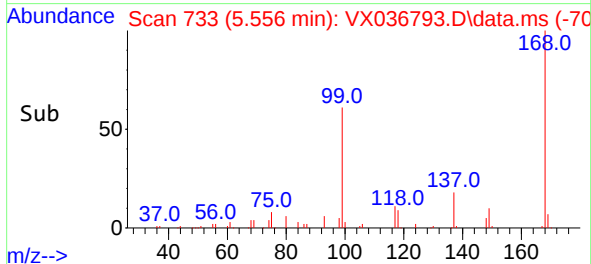
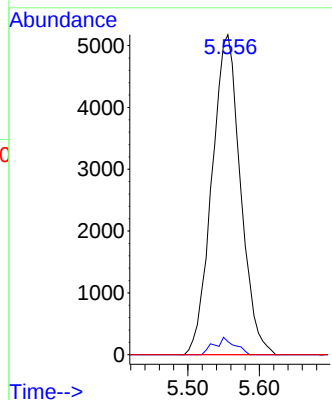


#38
Carbon Tetrachloride
Concen: 5.479 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX036793.D
Acq: 03 Aug 2023 12:31

Instrument :
MSVOA_X
ClientSampleId :
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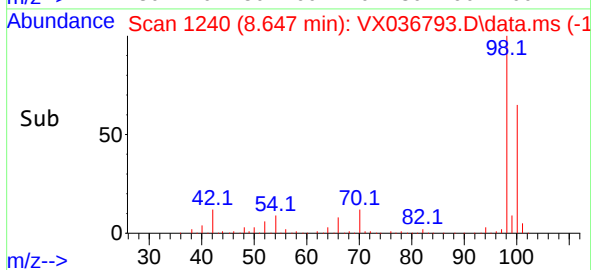
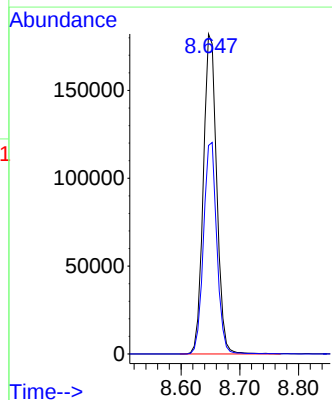
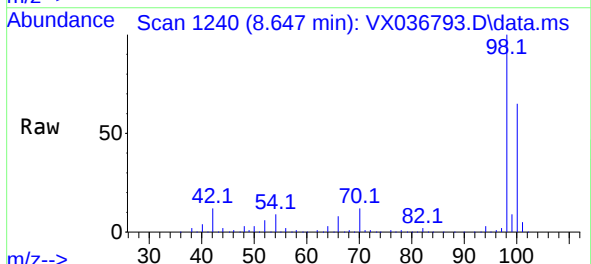


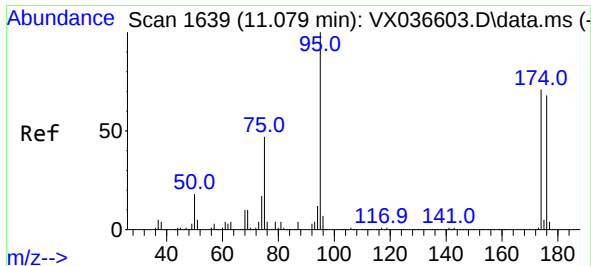
Tgt Ion:117 Resp: 14388
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.004 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036793.D
Acq: 03 Aug 2023 12:31

Tgt Ion: 98 Resp: 287972
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7

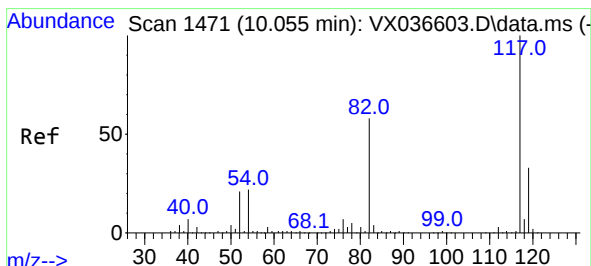
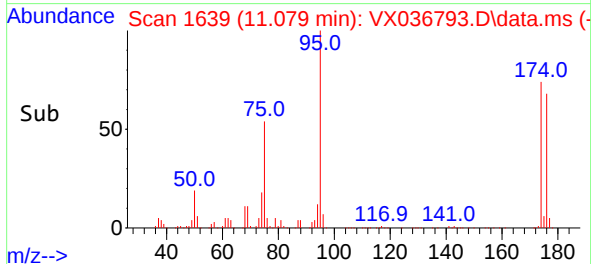
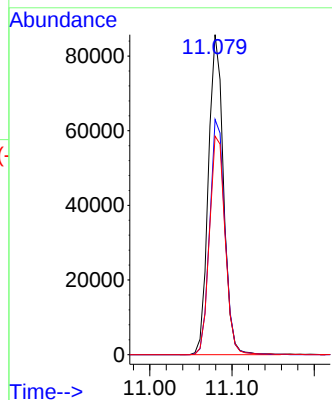
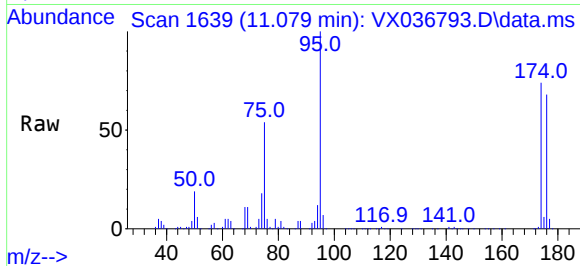




#62
4-Bromofluorobenzene
Concen: 49.341 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036793.D
Acq: 03 Aug 2023 12:31

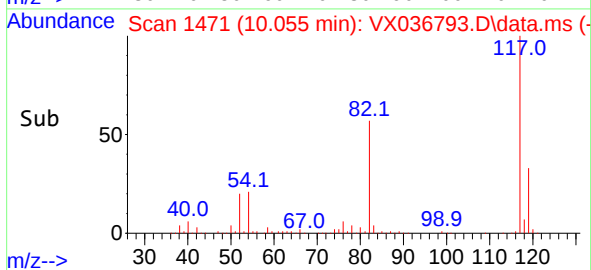
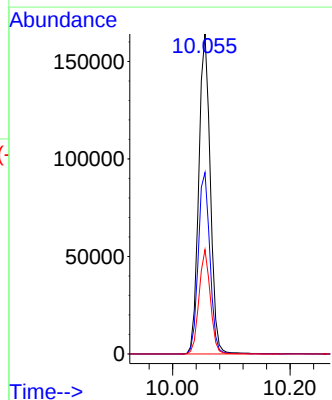
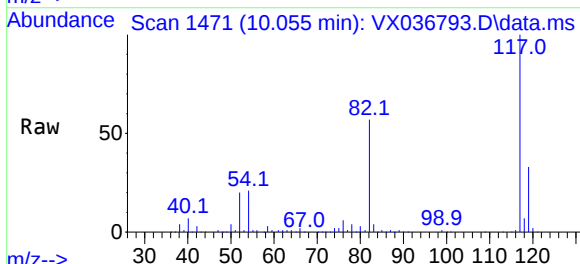
Instrument :
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ClientSampleId :
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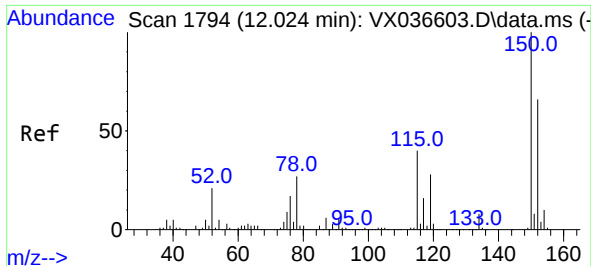
Tgt Ion: 95 Resp: 109393
Ion Ratio Lower Upper
95 100
174 74.0 0.0 135.6
176 70.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036793.D
Acq: 03 Aug 2023 12:31

Tgt Ion: 117 Resp: 223636
Ion Ratio Lower Upper
117 100
82 56.7 46.2 69.4
119 32.6 25.5 38.3

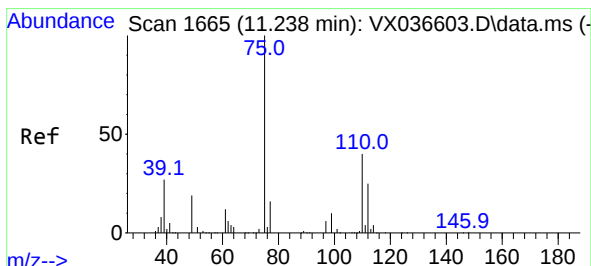
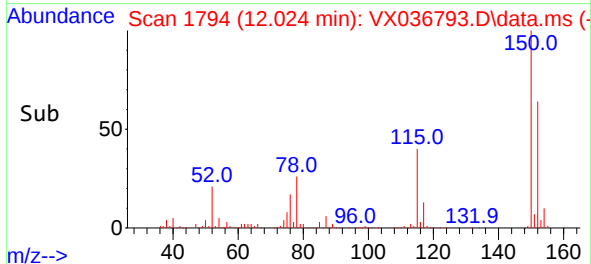
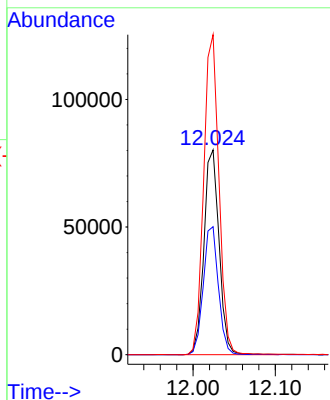
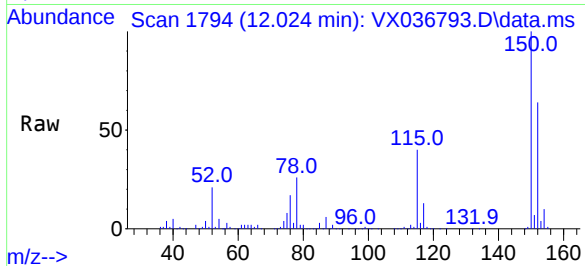




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036793.D
Acq: 03 Aug 2023 12:31

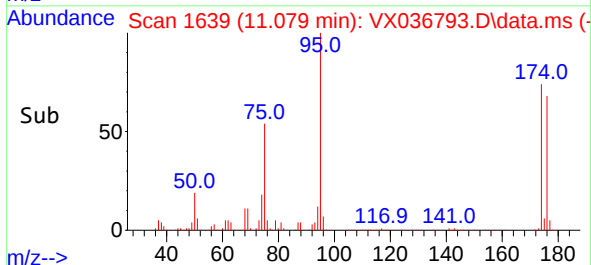
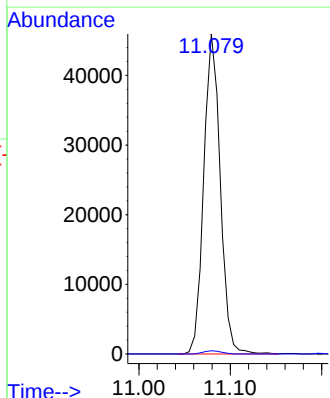
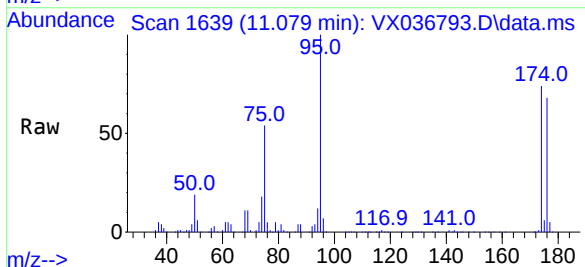
Instrument :
MSVOA_X
ClientSampleId :
MH-1

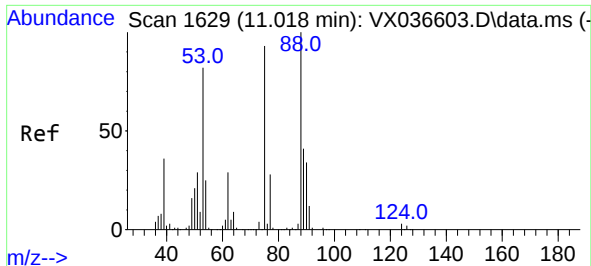
Tgt Ion:152 Resp: 102716
Ion Ratio Lower Upper
152 100
115 62.5 43.3 129.9
150 157.5 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 23.799 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036793.D
Acq: 03 Aug 2023 12:31

Tgt Ion: 75 Resp: 57497
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.941 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036793.D
 Acq: 03 Aug 2023 12:31

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-1

Tgt Ion: 75 Resp: 57497
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

