

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060123\
 Data File : VX035959.D
 Acq On : 01 Jun 2023 15:01
 Operator : JC/MD
 Sample : 02997-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DMA-1103

Quant Time: Jun 02 01:41:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

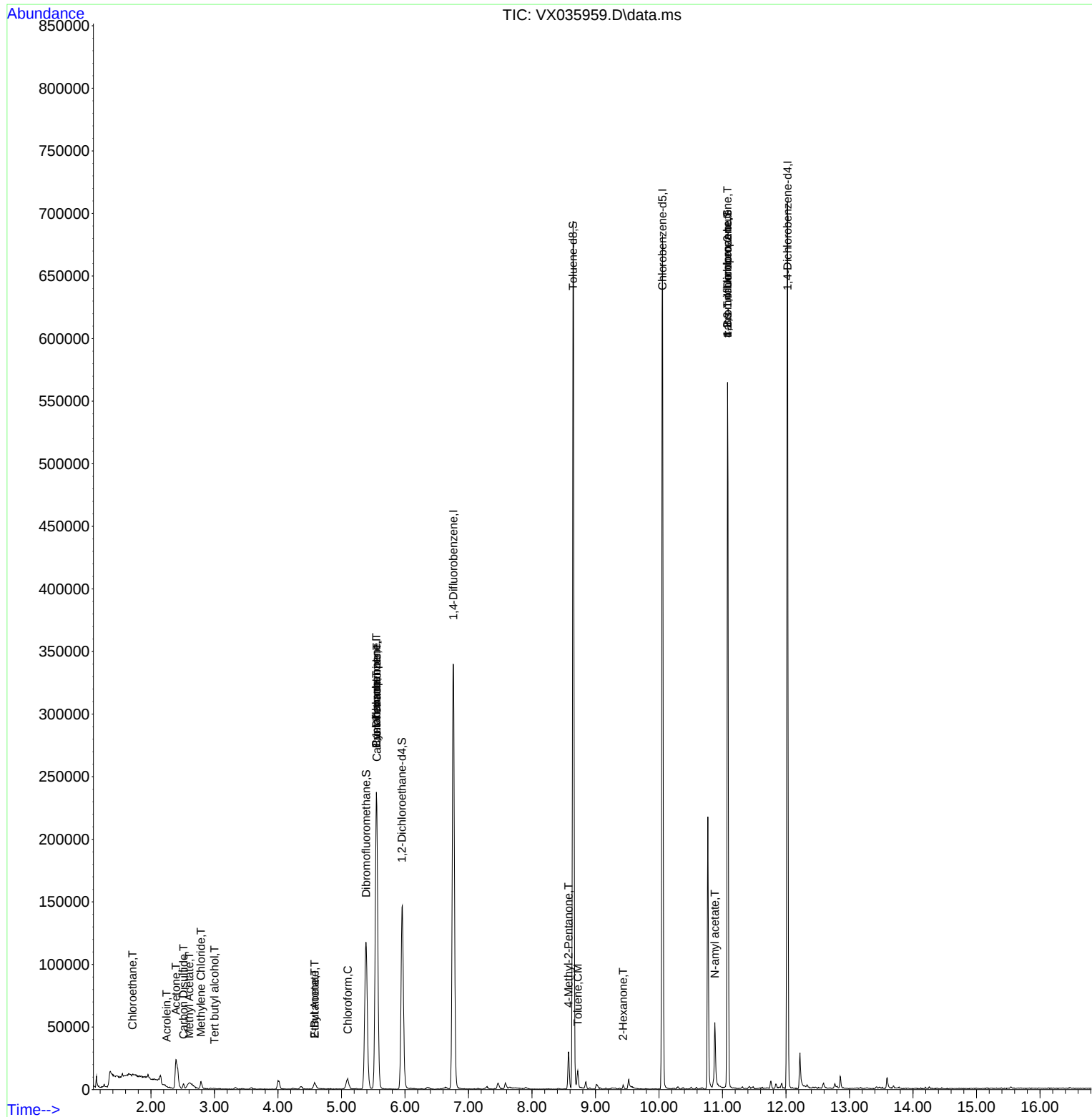
Internal Standards						
1) Pentafluorobenzene	5.550	168	209742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	342815	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	297183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	143705	42.193	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	84.380%		
35) Dibromofluoromethane	5.385	113	104253	45.214	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.420%		
50) Toluene-d8	8.647	98	396725	47.941	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.880%		
62) 4-Bromofluorobenzene	11.079	95	150533	46.081	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.160%		
Target Compounds					Qvalue	
6) Chloroethane	1.709	64	1248	0.861	ug/l #	57
11) Tert butyl alcohol	3.002	59	351	0.580	ug/l #	77
13) Acrolein	2.246	56	255	0.438	ug/l #	54
16) Acetone	2.392	43	33414	23.780	ug/l	96
17) Carbon Disulfide	2.514	76	4433	0.841	ug/l	97
18) Methyl Acetate	2.605	43	3368	0.617	ug/l #	54
20) Methylene Chloride	2.788	84	2400	0.887	ug/l #	85
25) 2-Butanone	4.574	43	9794	4.870	ug/l	94
30) Chloroform	5.099	83	9270	1.929	ug/l	87
31) Cyclohexane	5.550	56	4663	1.308	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	18232	5.930	ug/l #	51
37) Ethyl Acetate	4.574	43	9794	2.861	ug/l #	70
38) Carbon Tetrachloride	5.556	117	23033	7.688	ug/l #	16
51) 4-Methyl-2-Pentanone	8.574	43	17866	5.199	ug/l	97
52) Toluene	8.720	92	4713	0.812	ug/l	94
59) 2-Hexanone	9.433	43	1920	0.756	ug/l	92
74) N-amyl acetate	10.878	43	9818	2.220	ug/l #	50
76) 1,2,3-Trichloropropane	11.079	75	81430	25.861	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	81430	87.106	ug/l #	3

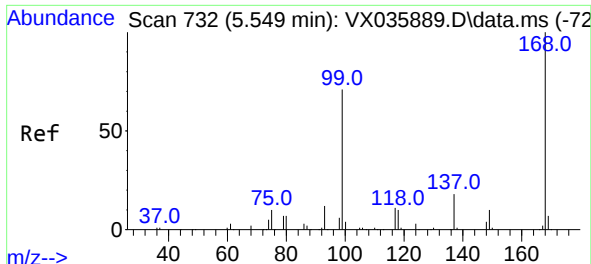
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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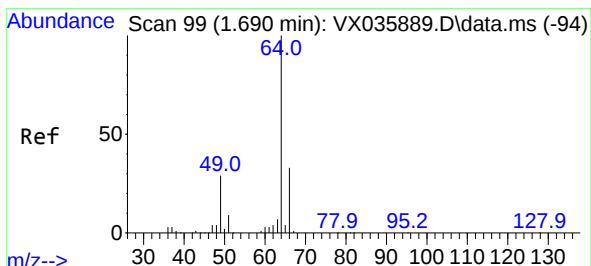
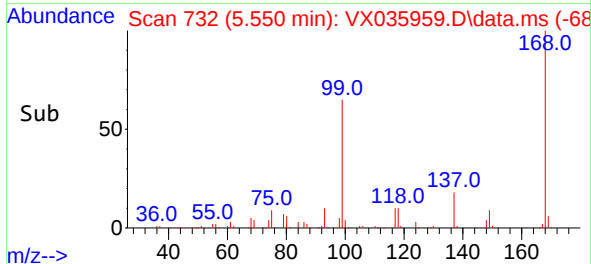
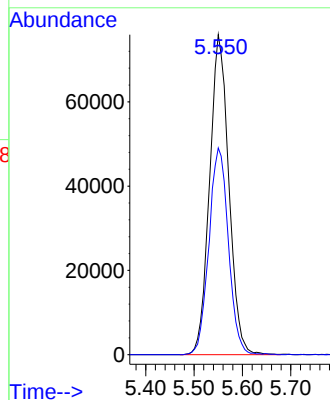
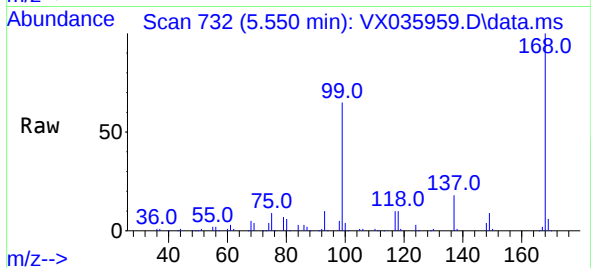




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035959.D
Acq: 01 Jun 2023 15:01

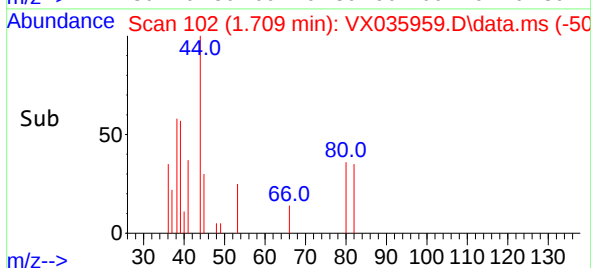
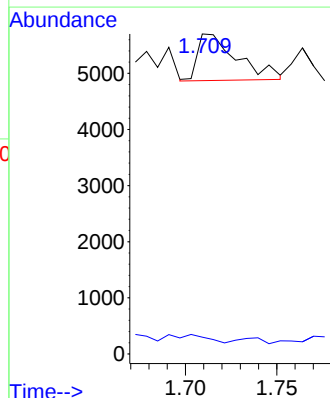
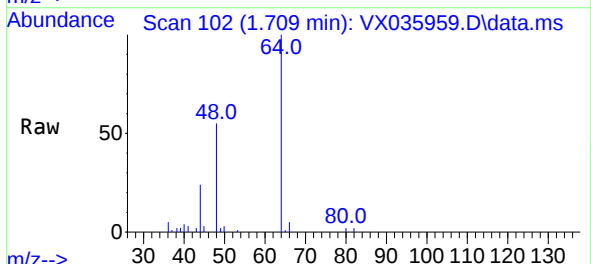
Instrument :
MSVOA_X
ClientSampleId :
DMA-1103

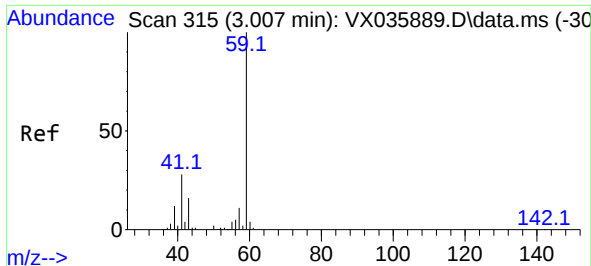
Tgt Ion:168 Resp: 209742
Ion Ratio Lower Upper
168 100
99 64.6 57.0 85.6



#6
Chloroethane
Concen: 0.861 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.019 min
Lab File: VX035959.D
Acq: 01 Jun 2023 15:01

Tgt Ion: 64 Resp: 1248
Ion Ratio Lower Upper
64 100
66 8.1 26.0 39.0#





#11

Tert butyl alcohol

Concen: 0.580 ug/l

RT: 3.002 min Scan# 31

Delta R.T. -0.005 min

Lab File: VX035959.D

Acq: 01 Jun 2023 15:01

Instrument :

MSVOA_X

ClientSampleId :

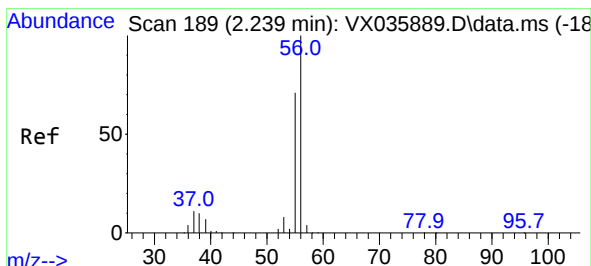
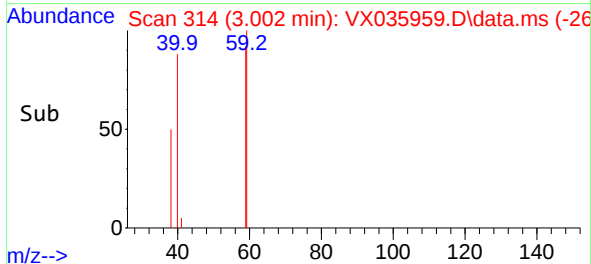
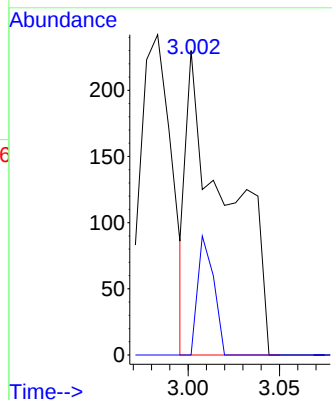
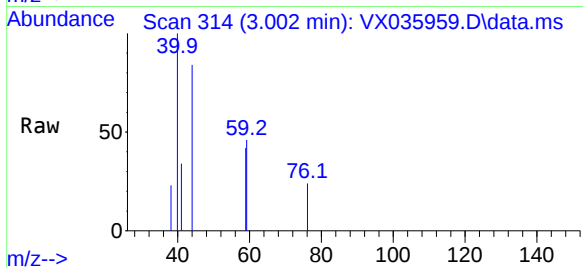
DMA-1103

Tgt Ion: 59 Resp: 351

Ion Ratio Lower Upper

59 100

57 15.7 6.0 9.0#



#13

Acrolein

Concen: 0.438 ug/l

RT: 2.246 min Scan# 190

Delta R.T. 0.007 min

Lab File: VX035959.D

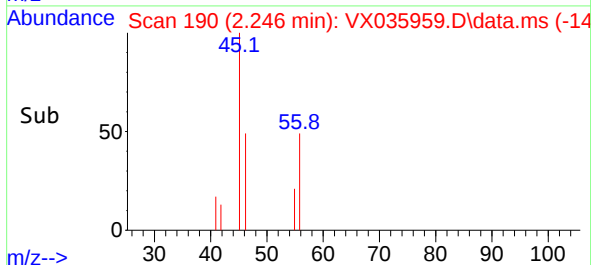
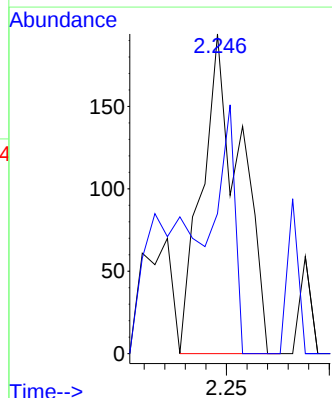
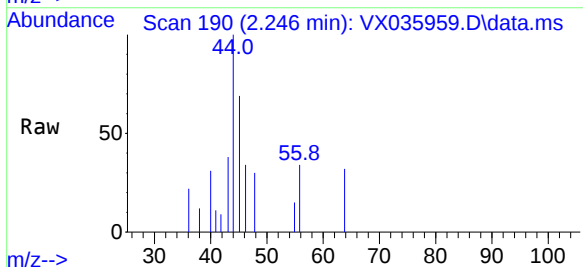
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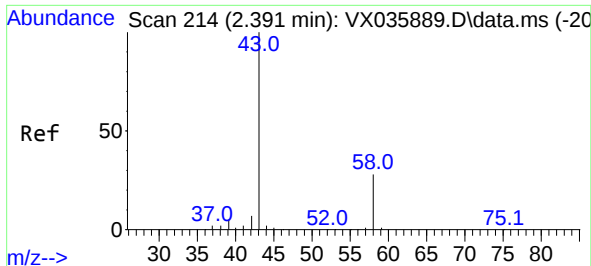
Tgt Ion: 56 Resp: 255

Ion Ratio Lower Upper

56 100

55 33.7 57.3 85.9#

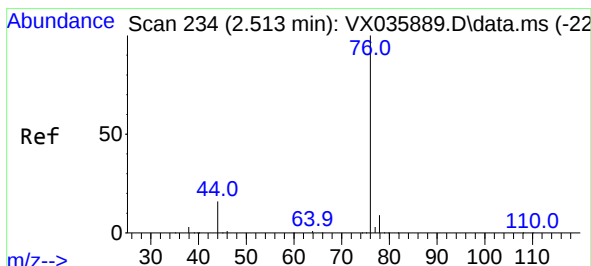
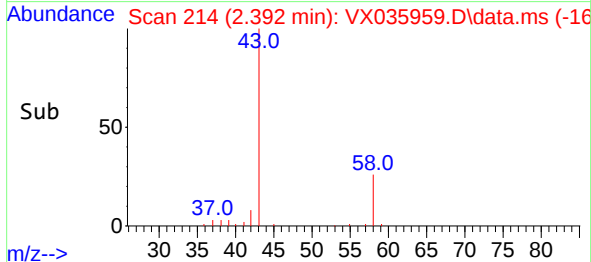
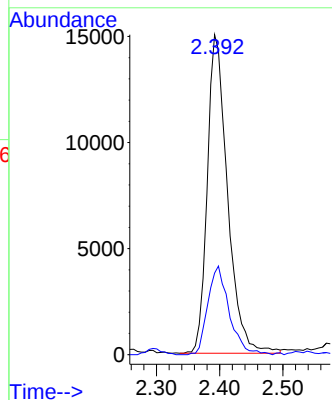
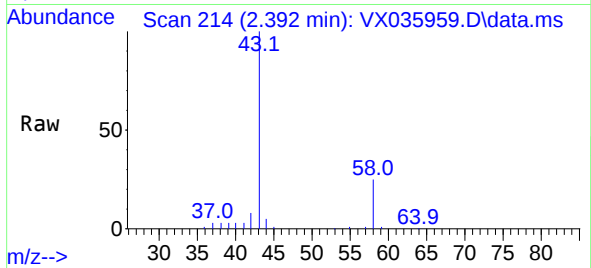




#16
Acetone
Concen: 23.780 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.001 min
Lab File: VX035959.D
Acq: 01 Jun 2023 15:01

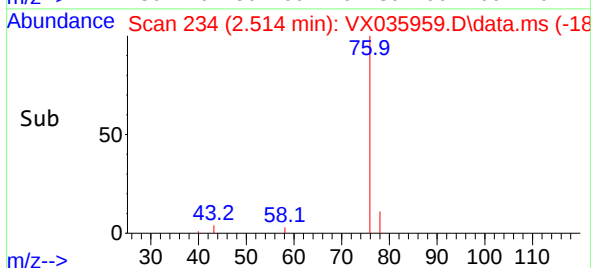
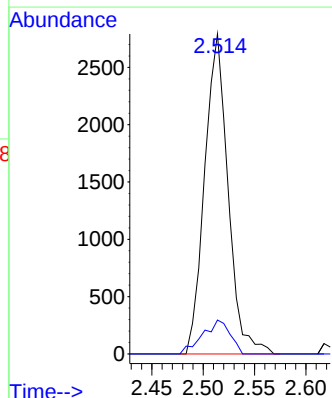
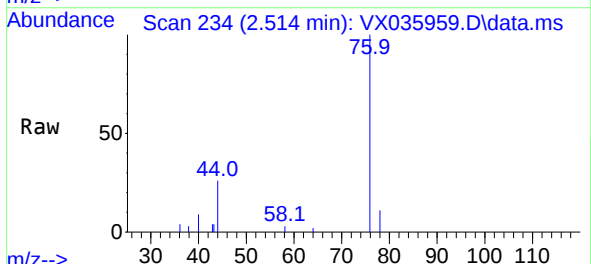
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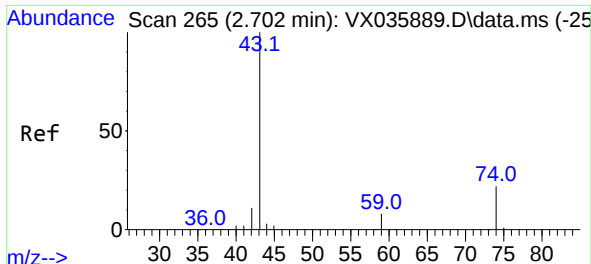
Tgt Ion: 43 Resp: 33414
Ion Ratio Lower Upper
43 100
58 25.6 22.2 33.2



#17
Carbon Disulfide
Concen: 0.841 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.001 min
Lab File: VX035959.D
Acq: 01 Jun 2023 15:01

Tgt Ion: 76 Resp: 4433
Ion Ratio Lower Upper
76 100
78 10.6 7.6 11.4

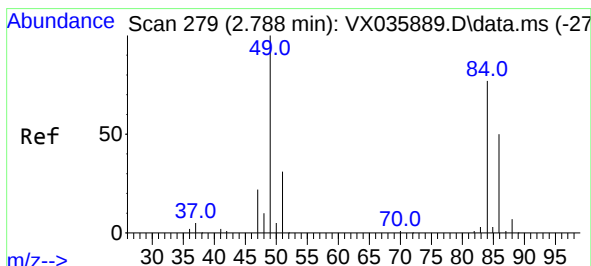
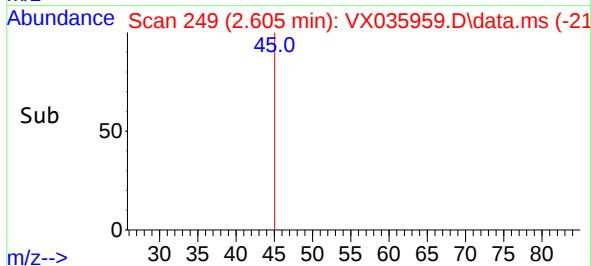
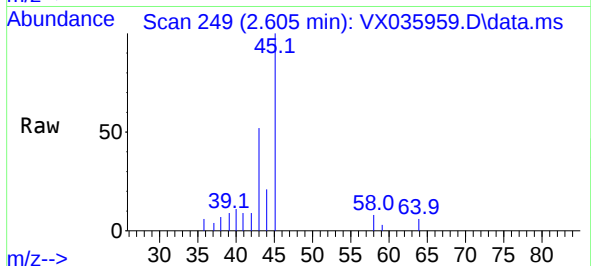




#18
Methyl Acetate
Concen: 0.617 ug/l
RT: 2.605 min Scan# 249
Delta R.T. -0.097 min
Lab File: VX035959.D
Acq: 01 Jun 2023 15:01

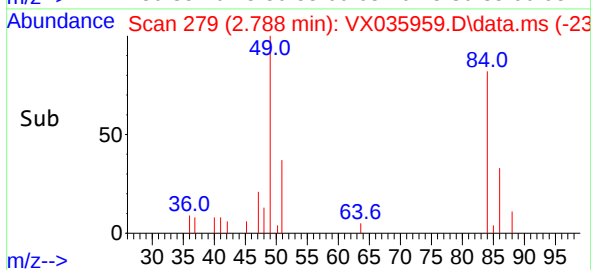
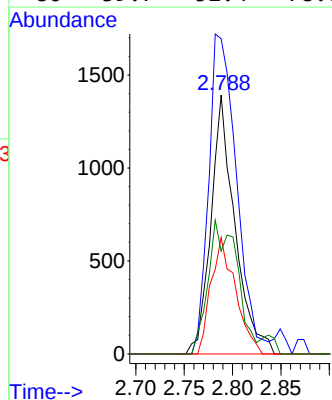
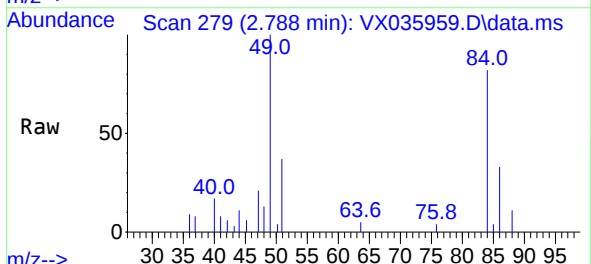
Instrument :
MSVOA_X
ClientSampleId :
DMA-1103

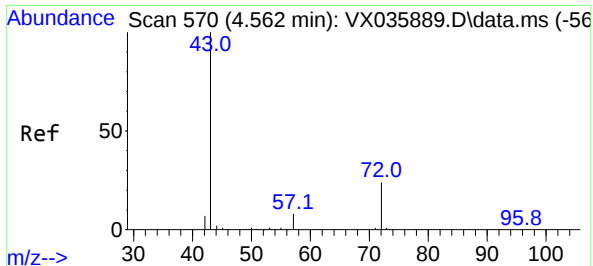
Tgt Ion: 43 Resp: 3368
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#



#20
Methylene Chloride
Concen: 0.887 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035959.D
Acq: 01 Jun 2023 15:01

Tgt Ion: 84 Resp: 2400
Ion Ratio Lower Upper
84 100
49 121.8 104.6 156.8
51 45.0 32.2 48.4
86 39.7 52.4 78.6#

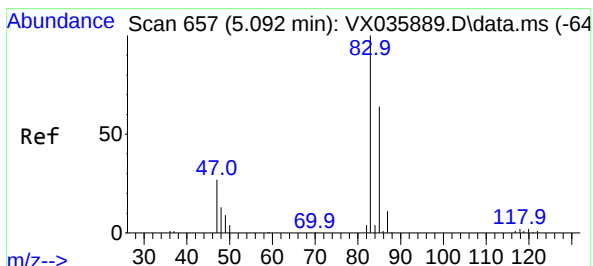
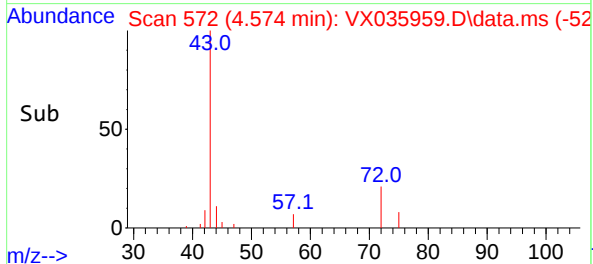
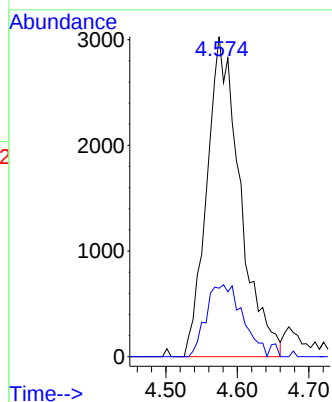
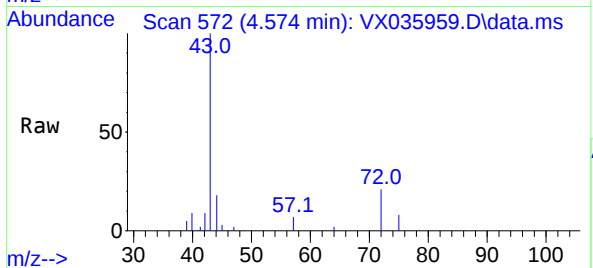




#25
2-Butanone
Concen: 4.870 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX035959.D
Acq: 01 Jun 2023 15:01

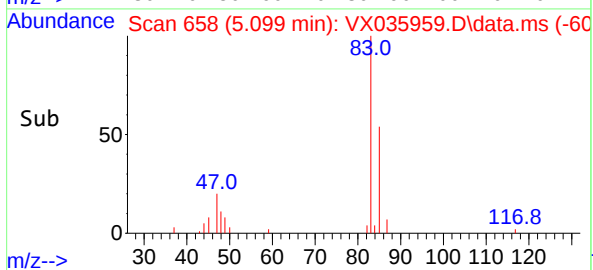
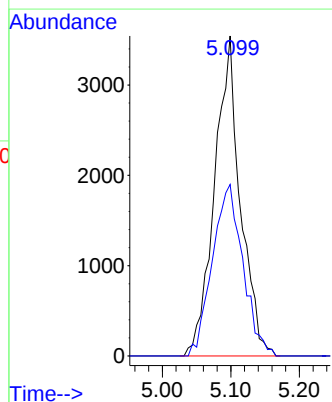
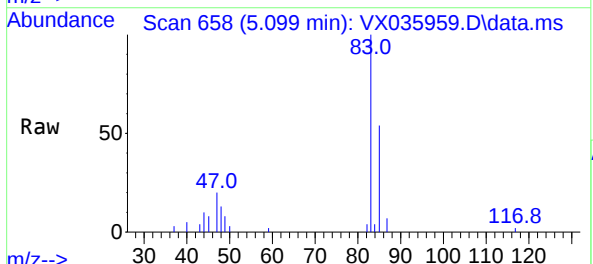
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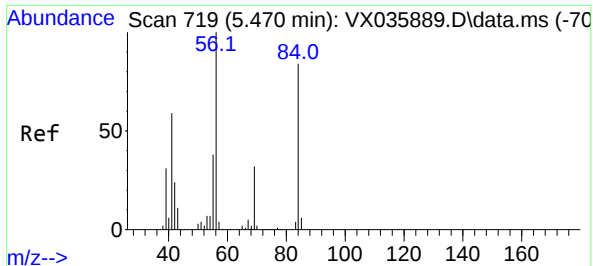
Tgt Ion: 43 Resp: 9794
Ion Ratio Lower Upper
43 100
72 21.4 19.4 29.2



#30
Chloroform
Concen: 1.929 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.007 min
Lab File: VX035959.D
Acq: 01 Jun 2023 15:01

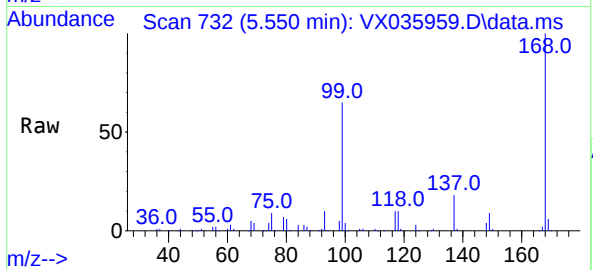
Tgt Ion: 83 Resp: 9270
Ion Ratio Lower Upper
83 100
85 53.6 51.0 76.4



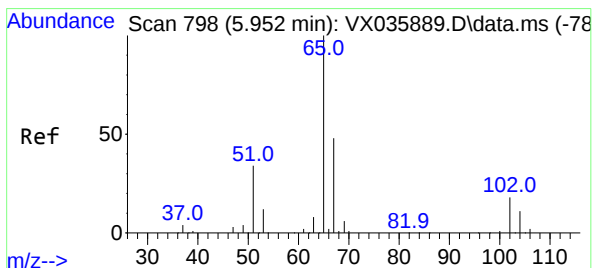
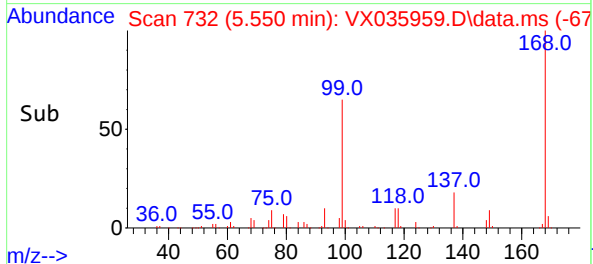
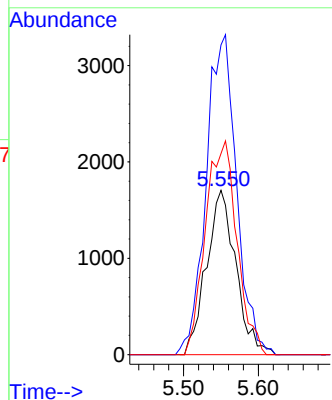


#31
Cyclohexane
Concen: 1.308 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX035959.D
Acq: 01 Jun 2023 15:01

Instrument :
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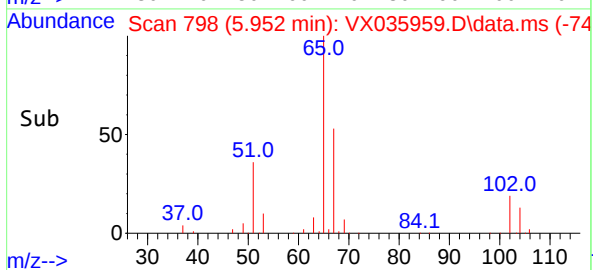
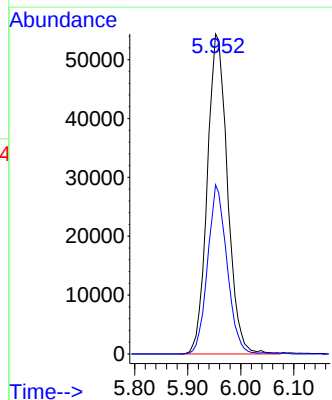
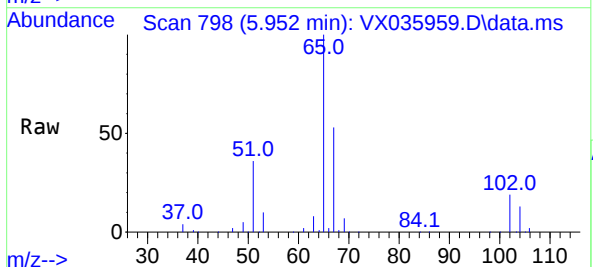


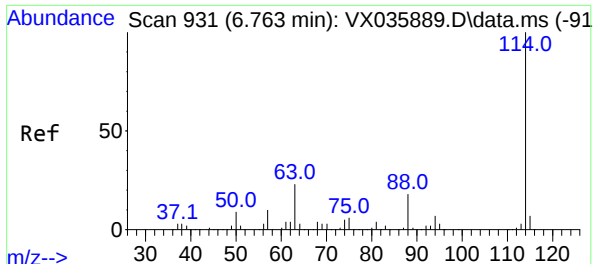
Tgt Ion: 56 Resp: 4663
Ion Ratio Lower Upper
56 100
69 188.5 25.9 38.9#
84 122.4 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 42.193 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035959.D
Acq: 01 Jun 2023 15:01

Tgt Ion: 65 Resp: 143705
Ion Ratio Lower Upper
65 100
67 50.5 0.0 99.6

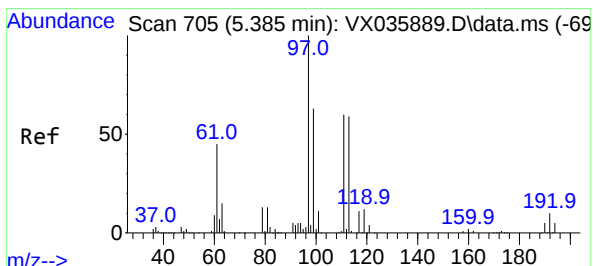
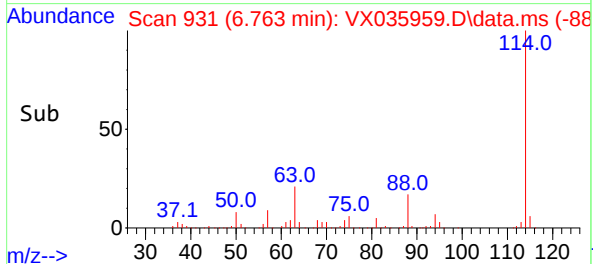
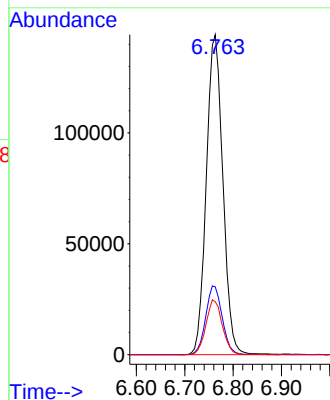
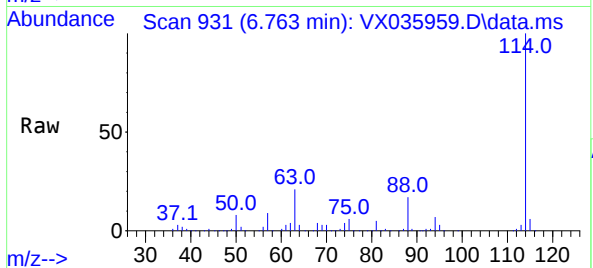




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035959.D
Acq: 01 Jun 2023 15:01

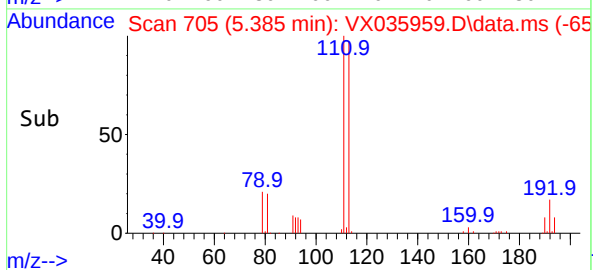
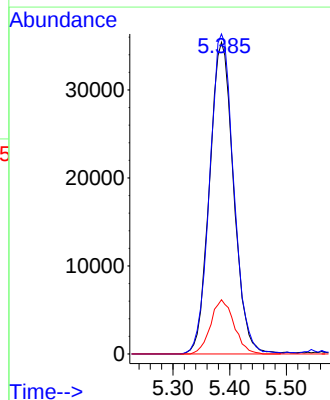
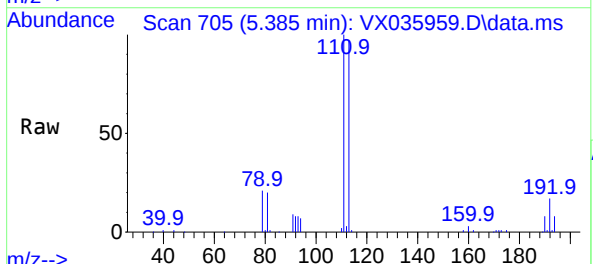
Instrument :
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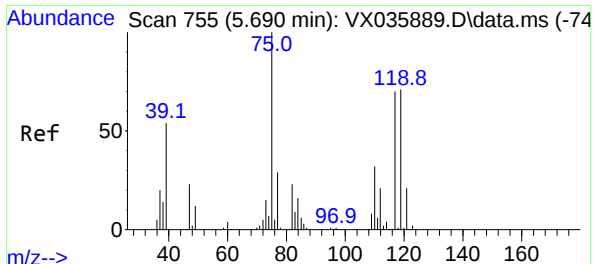
Tgt Ion:114 Resp: 342815
Ion Ratio Lower Upper
114 100
63 21.2 0.0 46.0
88 16.5 0.0 35.2



#35
Dibromofluoromethane
Concen: 45.214 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035959.D
Acq: 01 Jun 2023 15:01

Tgt Ion:113 Resp: 104253
Ion Ratio Lower Upper
113 100
111 102.3 81.7 122.5
192 16.9 13.5 20.3

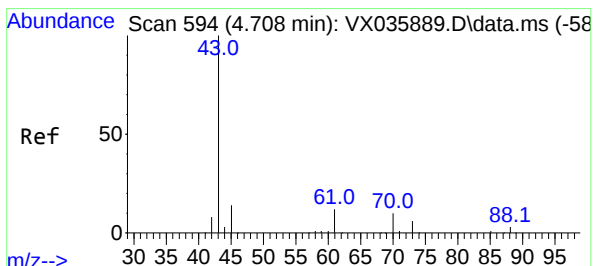
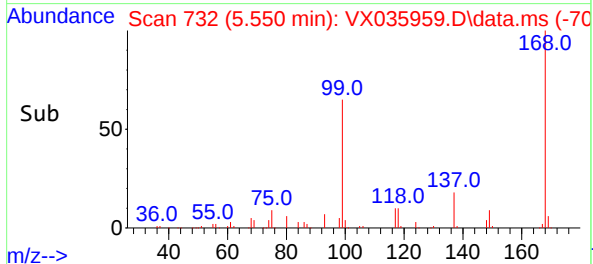
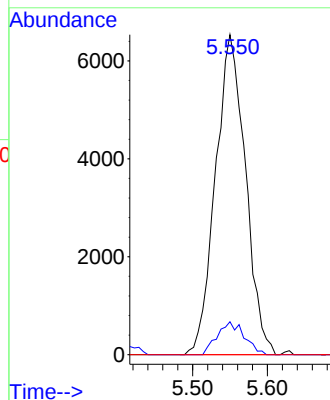
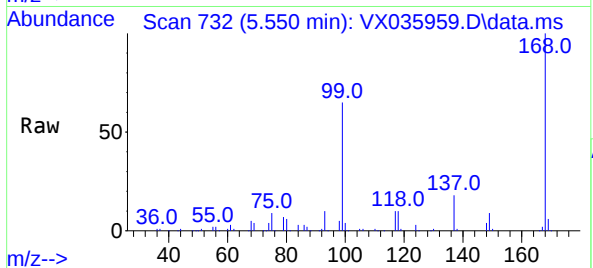




#36
1,1-Dichloropropene
Concen: 5.930 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX035959.D
Acq: 01 Jun 2023 15:01

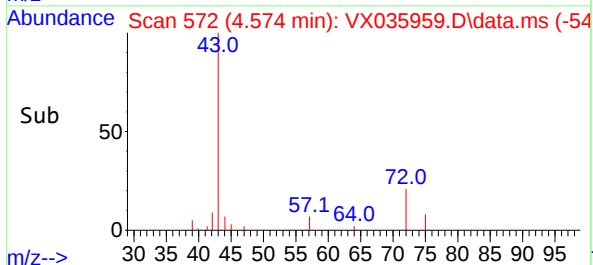
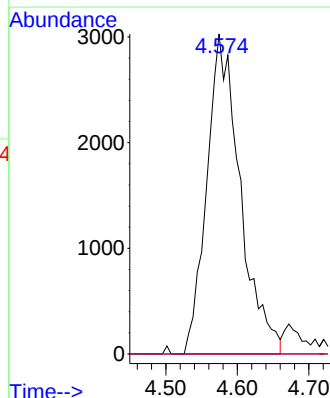
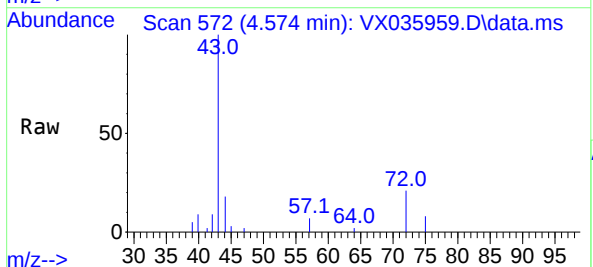
Instrument :
MSVOA_X
ClientSampleId :
DMA-1103

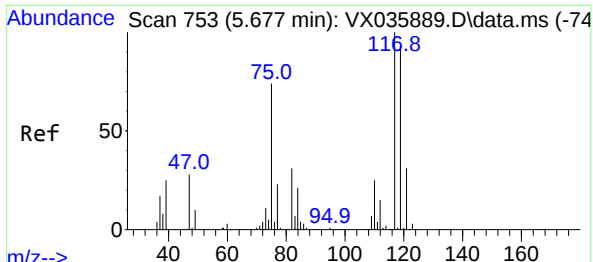
Tgt Ion: 75 Resp: 18232
Ion Ratio Lower Upper
75 100
110 9.3 16.6 49.7#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 2.861 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.134 min
Lab File: VX035959.D
Acq: 01 Jun 2023 15:01

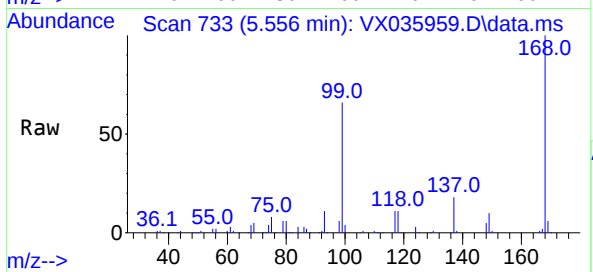
Tgt Ion: 43 Resp: 9794
Ion Ratio Lower Upper
43 100
61 0.0 10.3 15.5#
70 0.0 8.3 12.5#



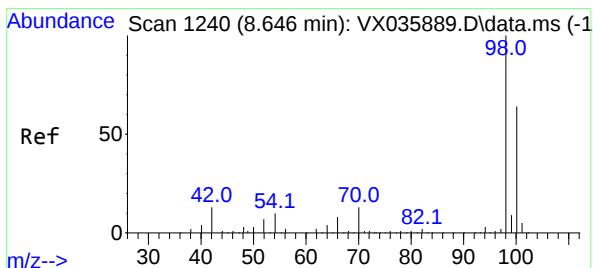
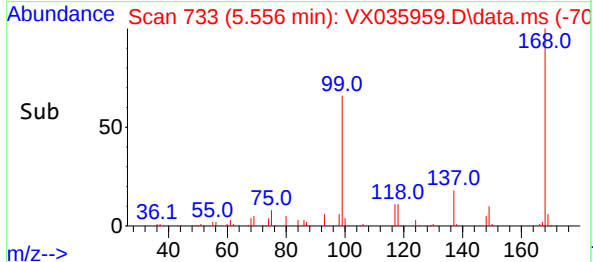
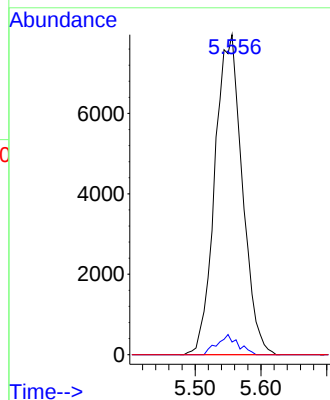


#38
Carbon Tetrachloride
Concen: 7.688 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX035959.D
Acq: 01 Jun 2023 15:01

Instrument :
MSVOA_X
ClientSampleId :
DMA-1103

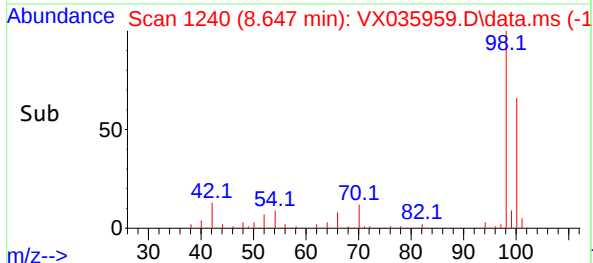
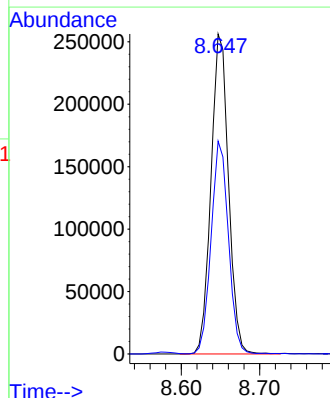
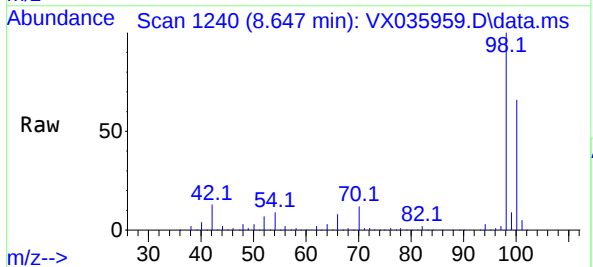


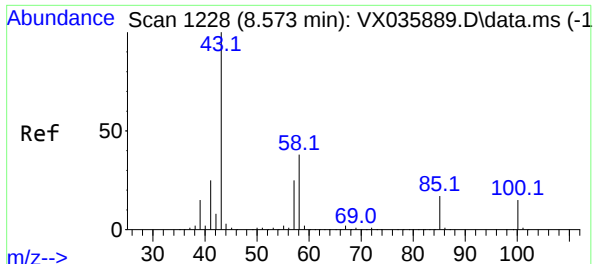
Tgt Ion:117 Resp: 23033
Ion Ratio Lower Upper
117 100
119 4.0 74.1 111.1#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 47.941 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035959.D
Acq: 01 Jun 2023 15:01

Tgt Ion: 98 Resp: 396725
Ion Ratio Lower Upper
98 100
100 65.9 53.4 80.0

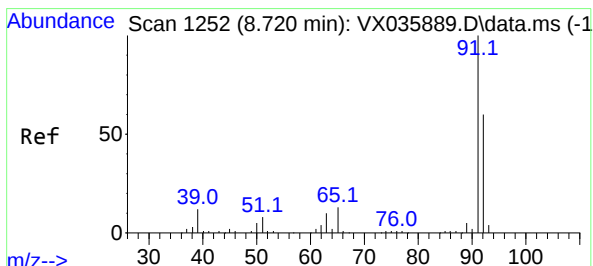
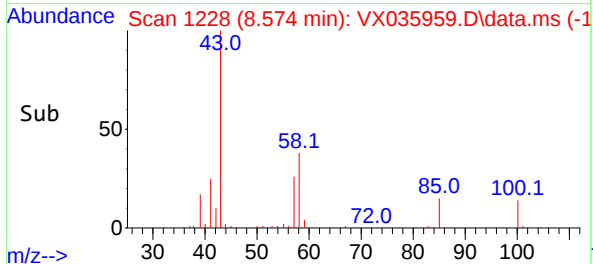
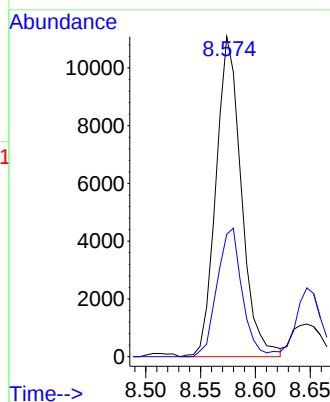
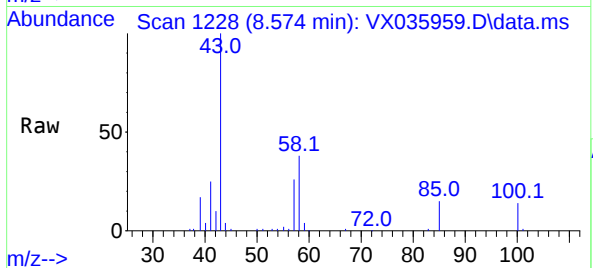




#51
4-Methyl-2-Pentanone
Concen: 5.199 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035959.D
Acq: 01 Jun 2023 15:01

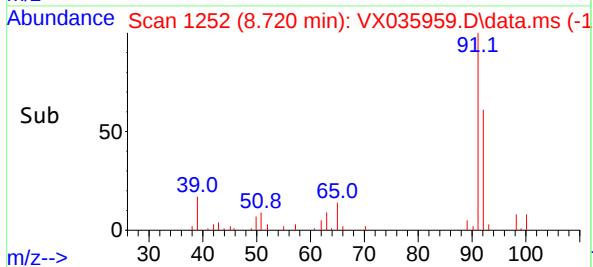
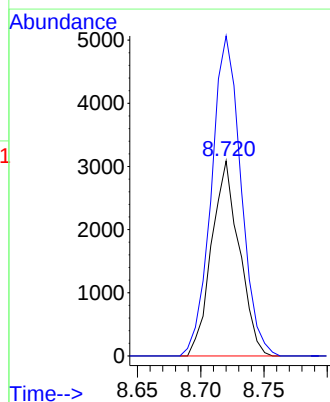
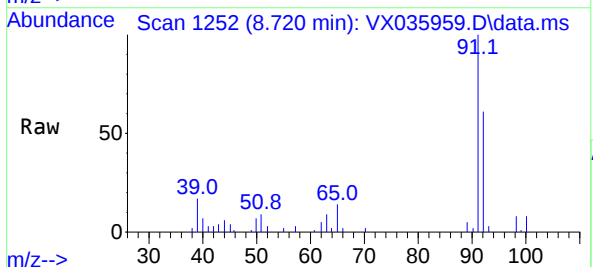
Instrument :
MSVOA_X
ClientSampleId :
DMA-1103

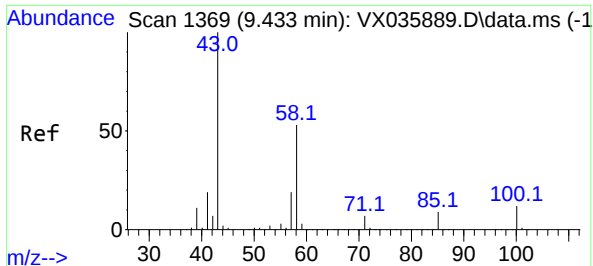
Tgt Ion: 43 Resp: 17866
Ion Ratio Lower Upper
43 100
58 39.2 30.1 45.1



#52
Toluene
Concen: 0.812 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035959.D
Acq: 01 Jun 2023 15:01

Tgt Ion: 92 Resp: 4713
Ion Ratio Lower Upper
92 100
91 174.5 133.5 200.3

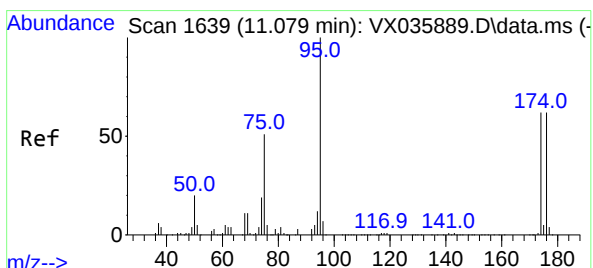
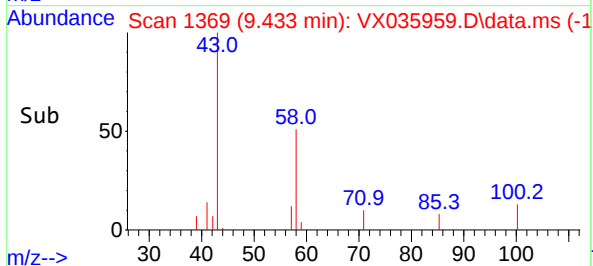
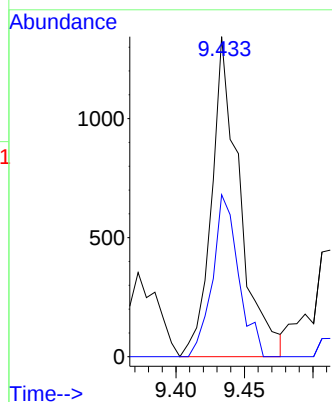
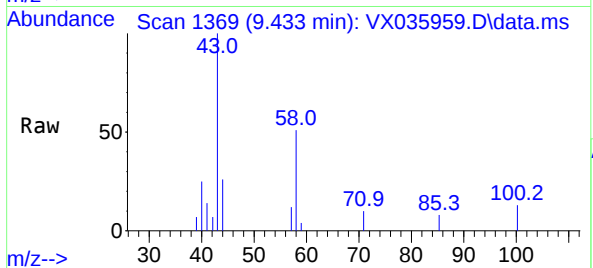




#59
2-Hexanone
Concen: 0.756 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX035959.D
Acq: 01 Jun 2023 15:01

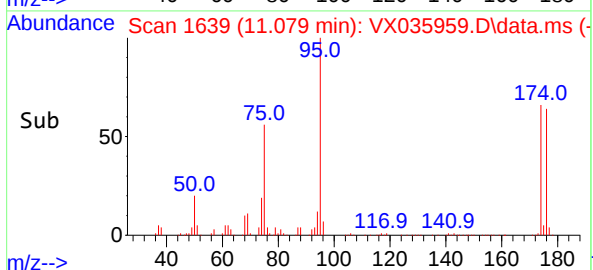
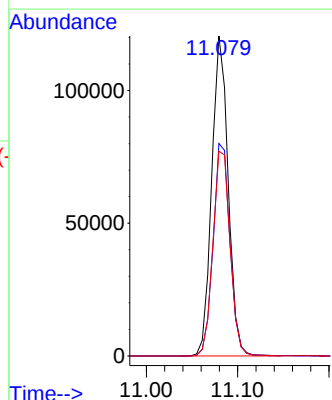
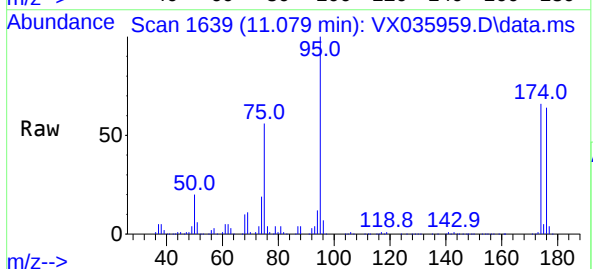
Instrument :
MSVOA_X
ClientSampleId :
DMA-1103

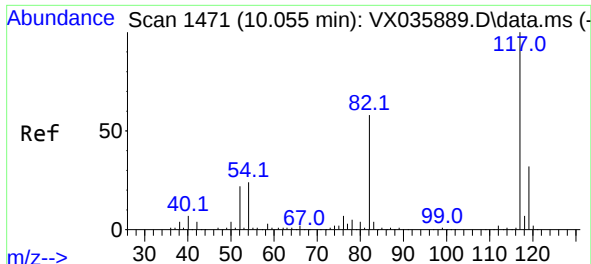
Tgt Ion: 43 Resp: 1920
Ion Ratio Lower Upper
43 100
58 46.7 26.3 78.8



#62
4-Bromofluorobenzene
Concen: 46.081 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035959.D
Acq: 01 Jun 2023 15:01

Tgt Ion: 95 Resp: 150533
Ion Ratio Lower Upper
95 100
174 68.0 0.0 132.6
176 67.2 0.0 128.0

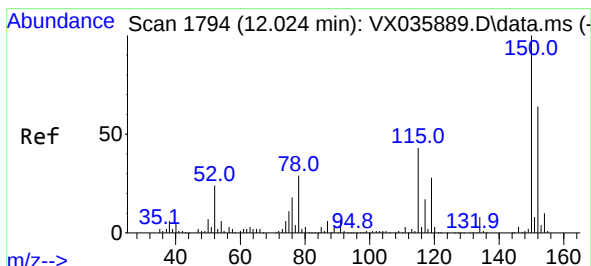
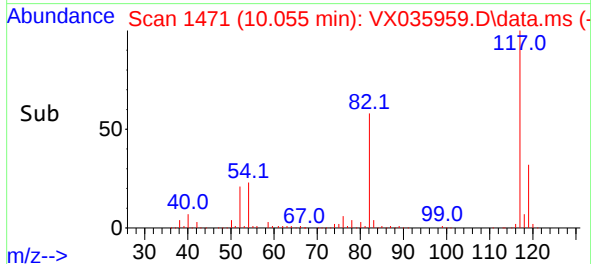
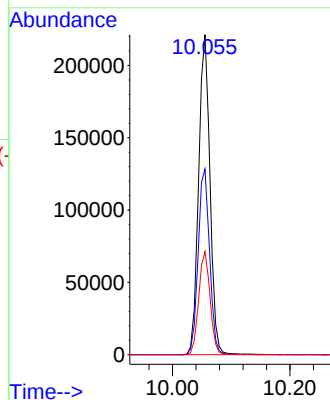
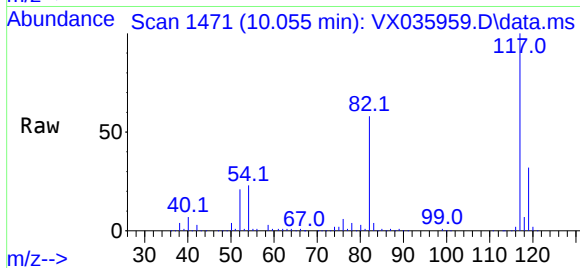




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035959.D
Acq: 01 Jun 2023 15:01

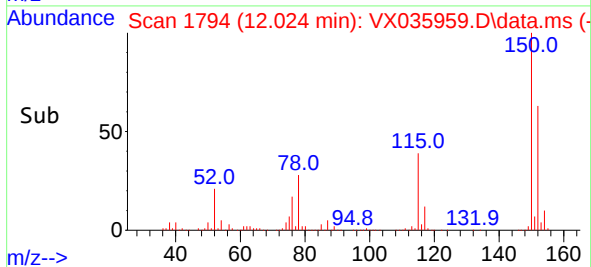
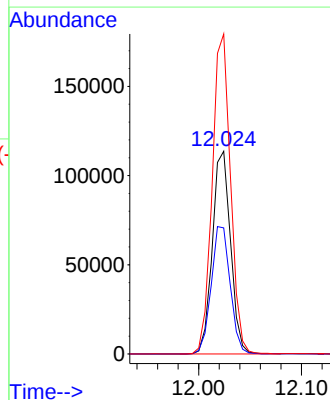
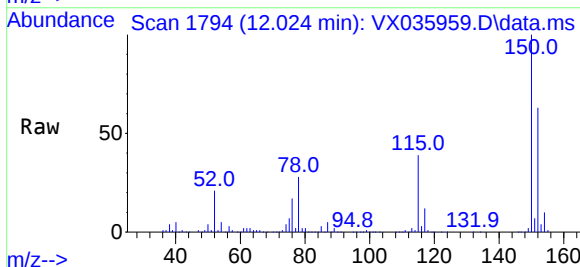
Instrument :
MSVOA_X
ClientSampleId :
DMA-1103

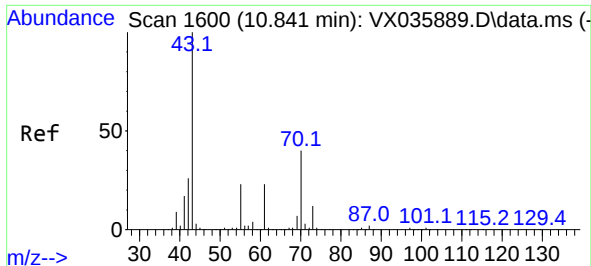
Tgt Ion:117 Resp: 297183
Ion Ratio Lower Upper
117 100
82 58.0 46.6 69.8
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035959.D
Acq: 01 Jun 2023 15:01

Tgt Ion:152 Resp: 139610
Ion Ratio Lower Upper
152 100
115 65.7 45.5 136.5
150 158.6 0.0 345.2

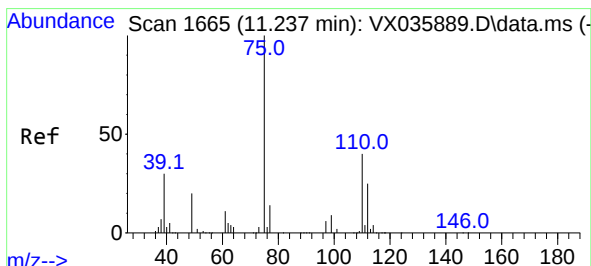
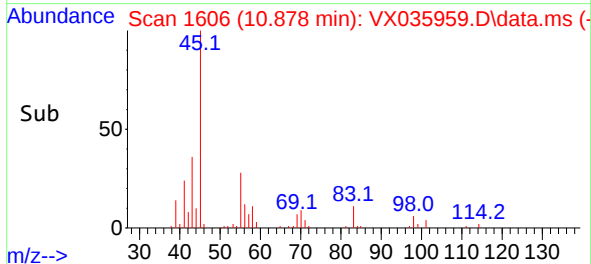
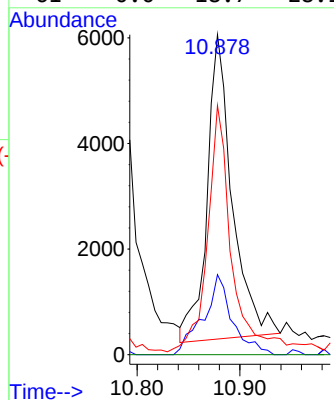
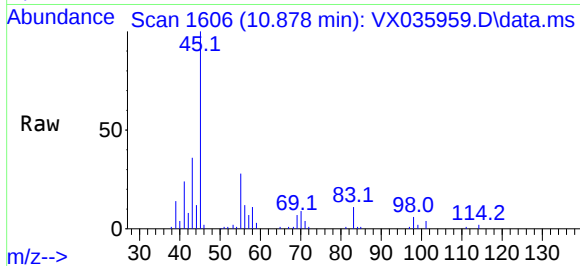




#74
N-amy1 acetate
Concen: 2.220 ug/l
RT: 10.878 min Scan# 1606
Delta R.T. 0.037 min
Lab File: VX035959.D
Acq: 01 Jun 2023 15:01

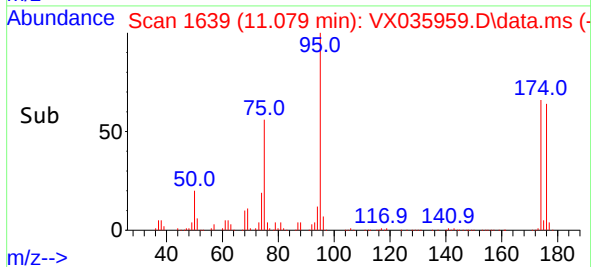
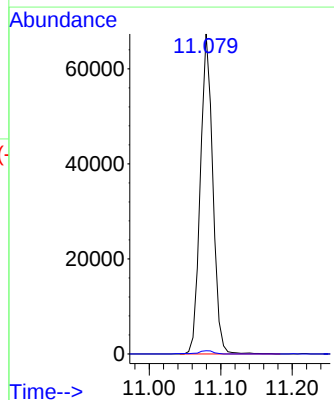
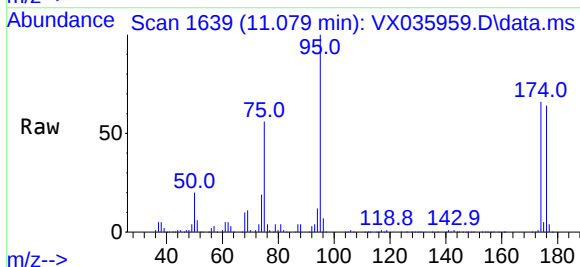
Instrument :
MSVOA_X
ClientSampleId :
DMA-1103

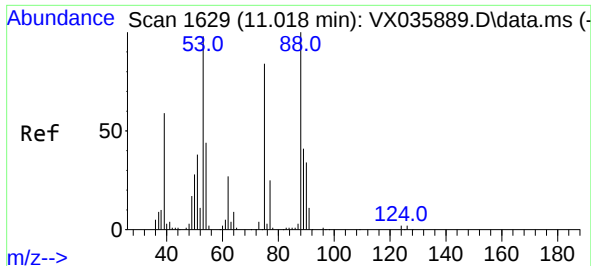
Tgt Ion: 43	Resp:	9818
Ion Ratio	Lower	Upper
43	100	
70	30.3	32.6 48.8#
55	77.2	19.0 28.4#
61	0.0	18.7 28.1#



#76
1,2,3-Trichloropropane
Concen: 25.861 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035959.D
Acq: 01 Jun 2023 15:01

Tgt Ion: 75	Resp:	81430
Ion Ratio	Lower	Upper
75	100	
77	1.3	21.4 64.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 87.106 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX035959.D
Acq: 01 Jun 2023 15:01

Instrument :
MSVOA_X
ClientSampleId :
DMA-1103

Tgt Ion: 75 Resp: 81430
Ion Ratio Lower Upper
75 100
53 0.0 95.2 142.8#
89 0.0 38.0 57.0#

