

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060123\
 Data File : VX035957.D
 Acq On : 01 Jun 2023 14:14
 Operator : JC/MD
 Sample : 03002-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-48

Quant Time: Jun 02 01:41:02 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)

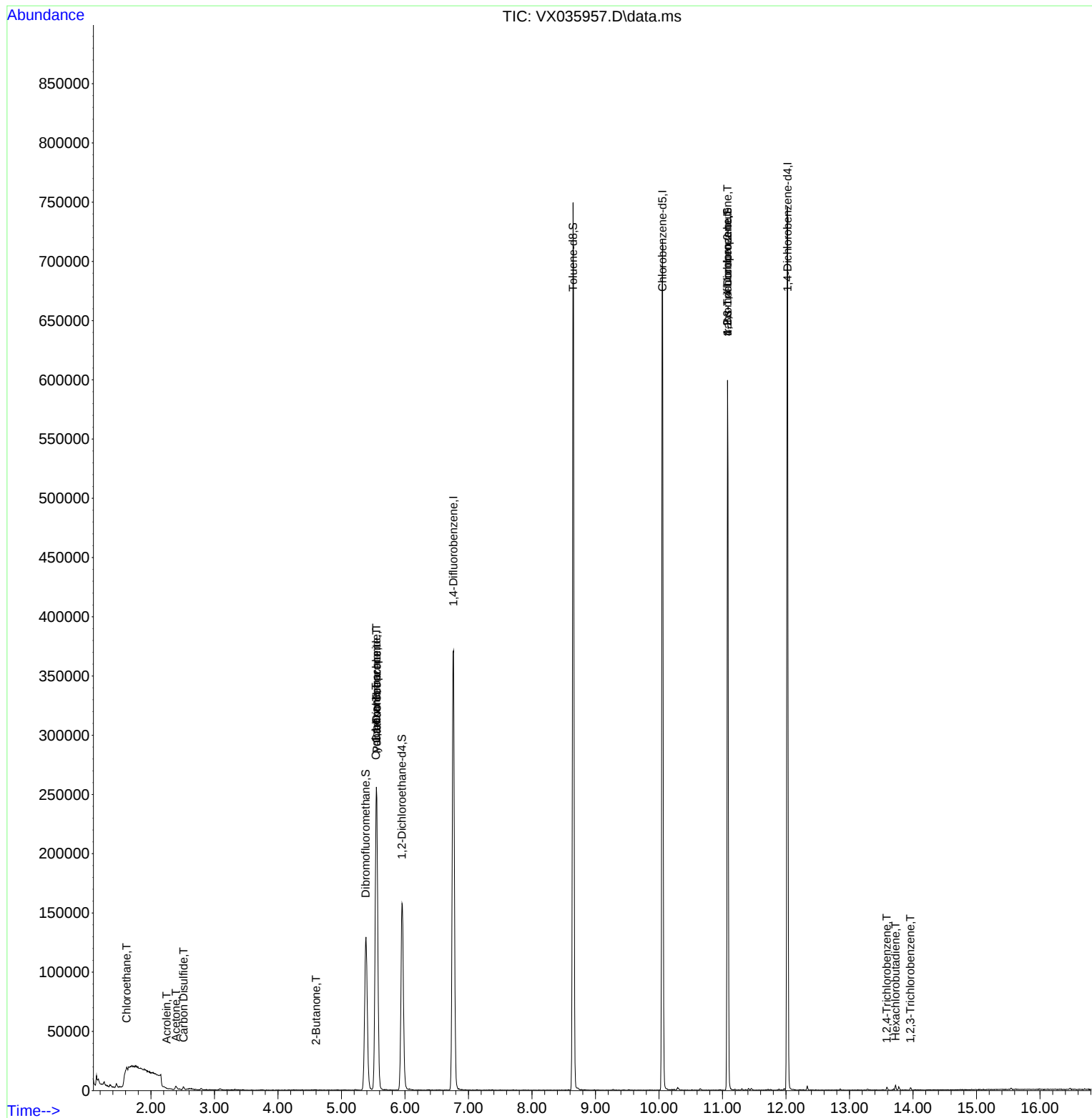
Internal Standards						
1) Pentafluorobenzene	5.556	168	218411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	372246	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	326198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	163549	46.113	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.220%
35) Dibromofluoromethane	5.379	113	113118	45.180	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.360%
50) Toluene-d8	8.647	98	431248	47.993	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.980%
62) 4-Bromofluorobenzene	11.079	95	164372	46.339	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.680%
Target Compounds						
					Qvalue	
6) Chloroethane	1.618	64	32680	21.662	ug/l #	49
13) Acrolein	2.246	56	188	0.310	ug/l #	39
16) Acetone	2.392	43	3816	2.608	ug/l	99
17) Carbon Disulfide	2.514	76	3070	0.559	ug/l	98
25) 2-Butanone	4.599	43	576	0.275	ug/l #	51
31) Cyclohexane	5.544	56	6241	1.681	ug/l #	43
36) 1,1-Dichloropropene	5.550	75	21054	6.307	ug/l #	51
38) Carbon Tetrachloride	5.550	117	25853	7.947	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	84056	24.524	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	84056	82.606	ug/l #	3
93) 1,2,4-Trichlorobenzene	13.585	180	640	0.221	ug/l	94
94) Hexachlorobutadiene	13.725	225	641	0.581	ug/l	93
96) 1,2,3-Trichlorobenzene	13.957	180	637	0.223	ug/l	93

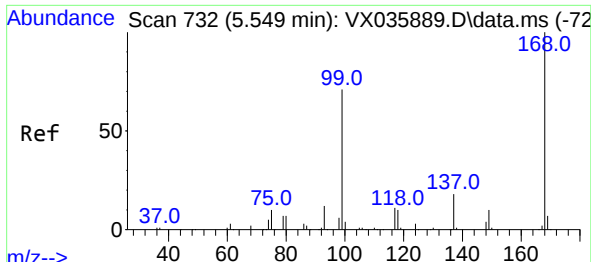
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 31 12:50:30 2023
Response via : Initial Calibration

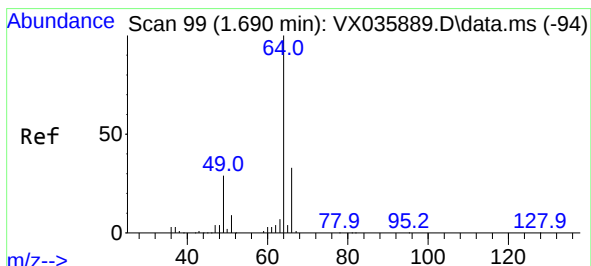
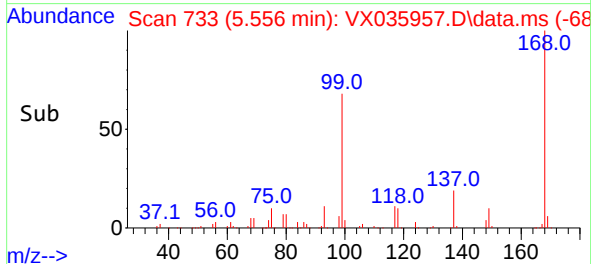
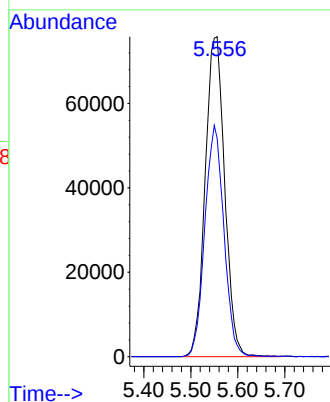
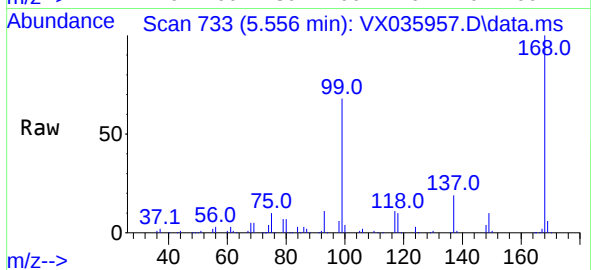




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035957.D
Acq: 01 Jun 2023 14:14

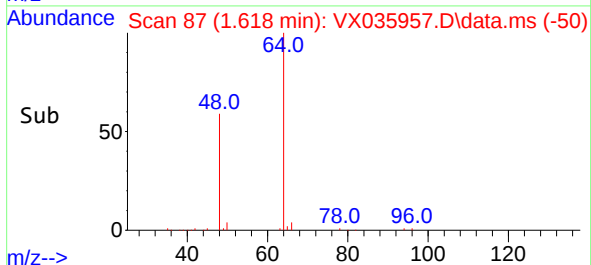
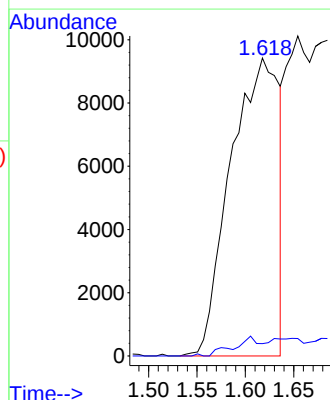
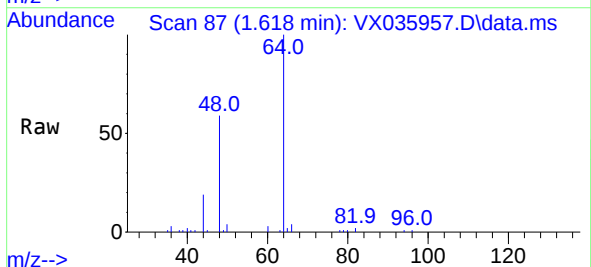
Instrument :
MSVOA_X
ClientSampleId :
MW-48

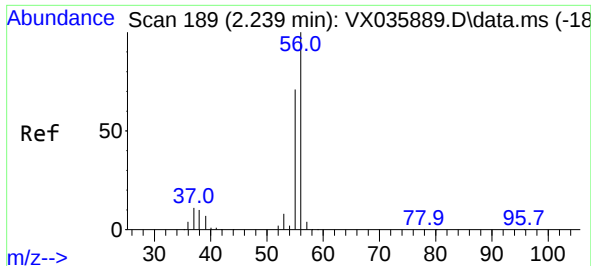
Tgt Ion:168 Resp: 218411
Ion Ratio Lower Upper
168 100
99 68.2 57.0 85.6



#6
Chloroethane
Concen: 21.662 ug/l
RT: 1.618 min Scan# 87
Delta R.T. -0.072 min
Lab File: VX035957.D
Acq: 01 Jun 2023 14:14

Tgt Ion: 64 Resp: 32680
Ion Ratio Lower Upper
64 100
66 4.1 26.0 39.0





#13

Acrolein

Concen: 0.310 ug/l

RT: 2.246 min Scan# 189

Delta R.T. 0.007 min

Lab File: VX035957.D

Acq: 01 Jun 2023 14:14

Instrument :

MSVOA_X

ClientSampleId :

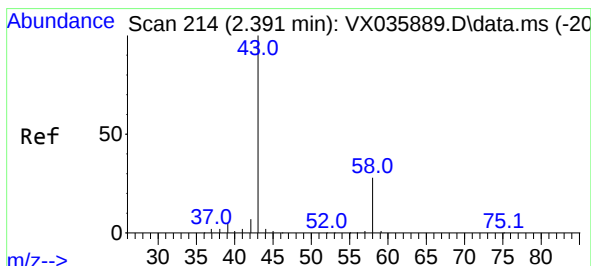
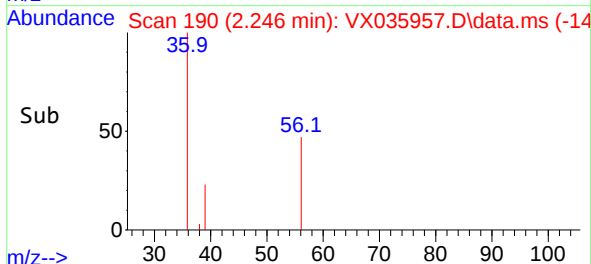
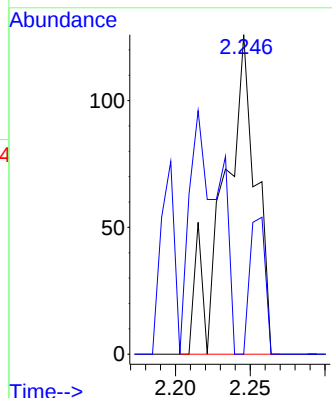
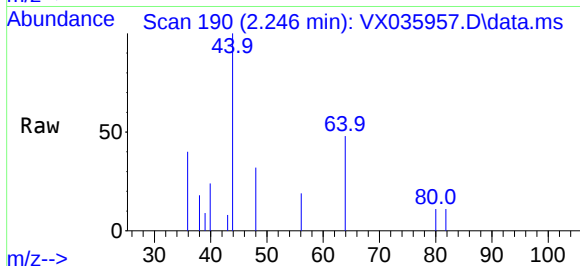
MW-48

Tgt Ion: 56 Resp: 188

Ion Ratio Lower Upper

56 100

55 20.7 57.3 85.9#



#16

Acetone

Concen: 2.608 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.001 min

Lab File: VX035957.D

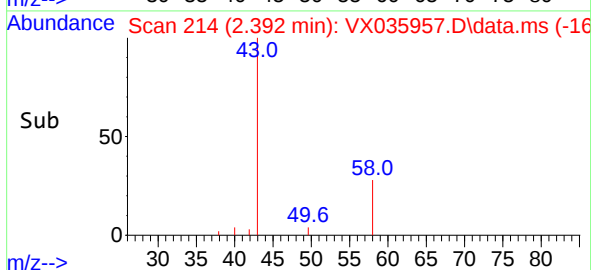
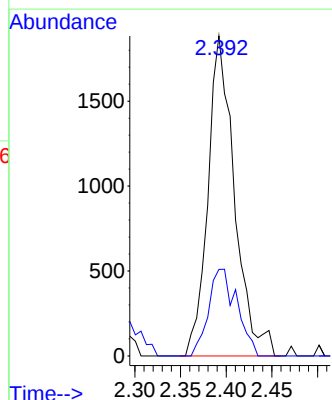
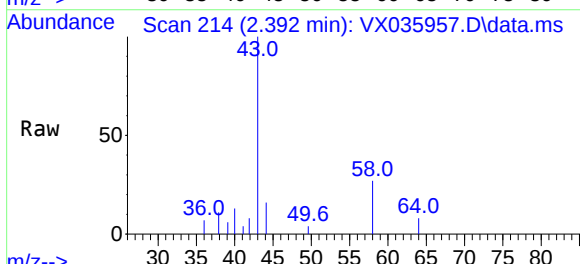
Acq: 01 Jun 2023 14:14

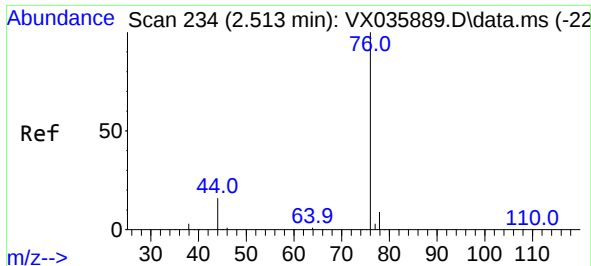
Tgt Ion: 43 Resp: 3816

Ion Ratio Lower Upper

43 100

58 27.0 22.2 33.2

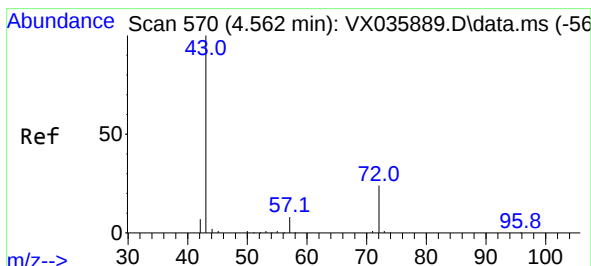
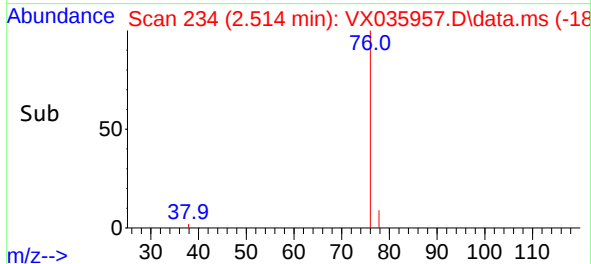
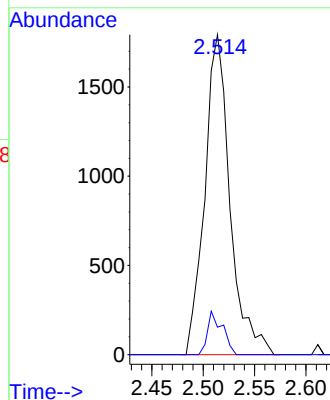
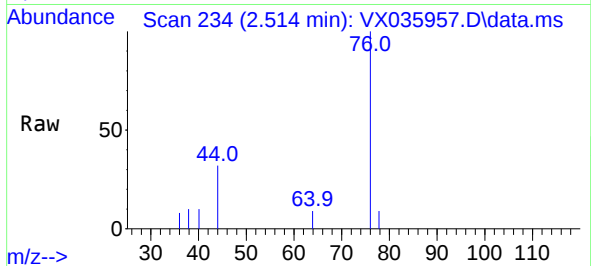




#17
Carbon Disulfide
Concen: 0.559 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX035957.D
Acq: 01 Jun 2023 14:14

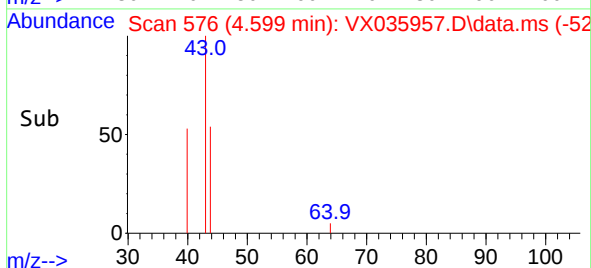
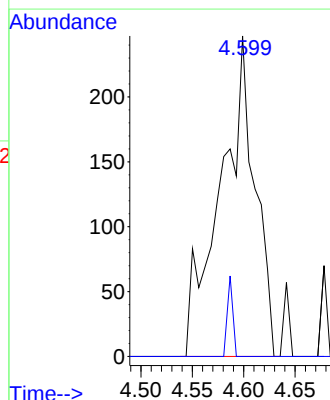
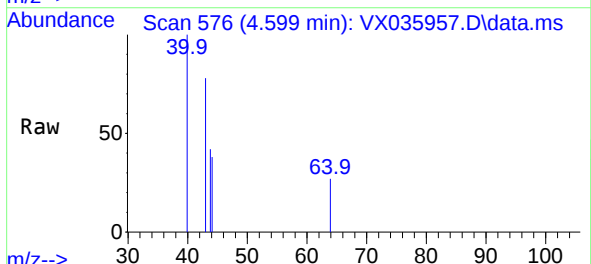
Instrument :
MSVOA_X
ClientSampleId :
MW-48

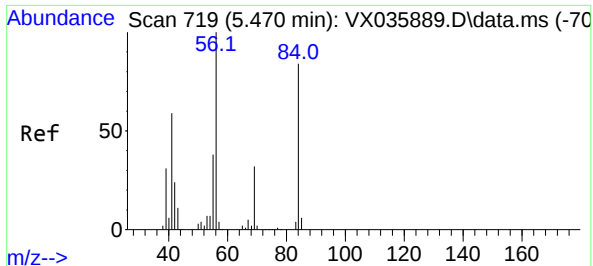
Tgt Ion: 76 Resp: 3070
Ion Ratio Lower Upper
76 100
78 8.6 7.6 11.4



#25
2-Butanone
Concen: 0.275 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.037 min
Lab File: VX035957.D
Acq: 01 Jun 2023 14:14

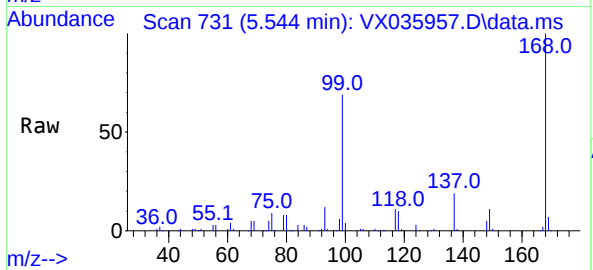
Tgt Ion: 43 Resp: 576
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



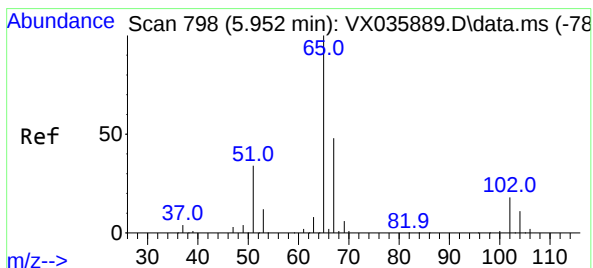
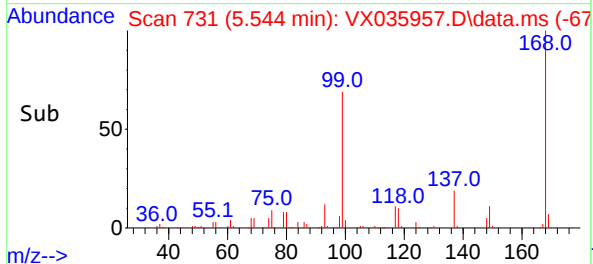
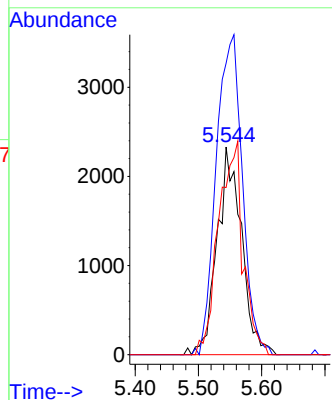


#31
Cyclohexane
Concen: 1.681 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX035957.D
Acq: 01 Jun 2023 14:14

Instrument :
MSVOA_X
ClientSampleId :
MW-48

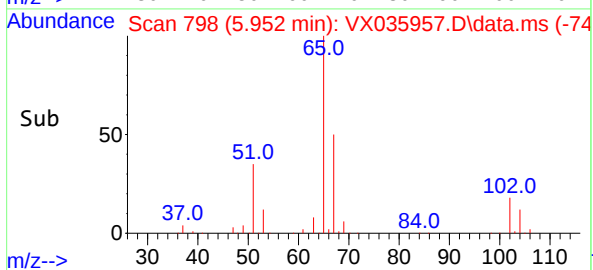
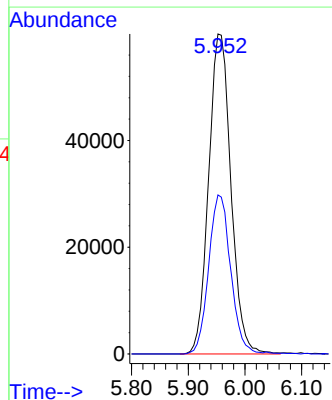
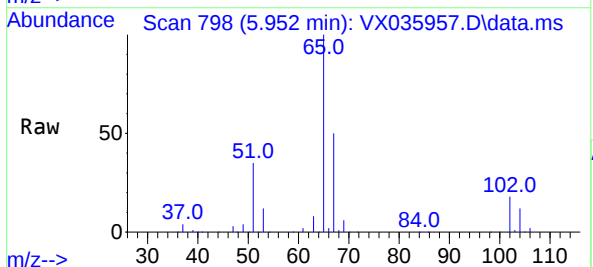


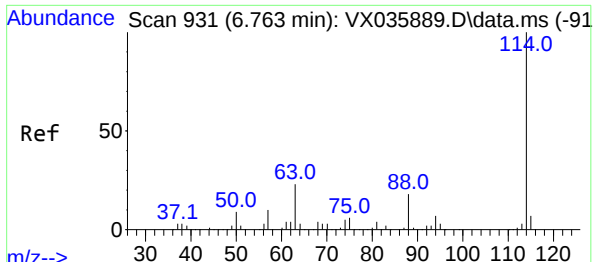
Tgt Ion: 56 Resp: 6241
Ion Ratio Lower Upper
56 100
69 140.4 25.9 38.9#
84 80.5 67.6 101.4



#33
1,2-Dichloroethane-d4
Concen: 46.113 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035957.D
Acq: 01 Jun 2023 14:14

Tgt Ion: 65 Resp: 163549
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.6

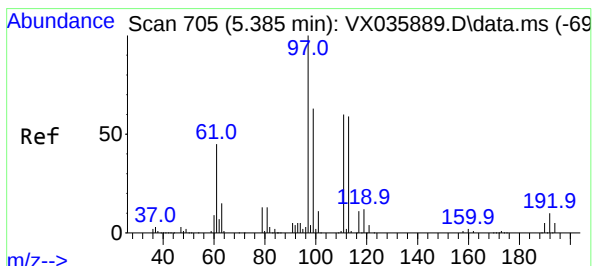
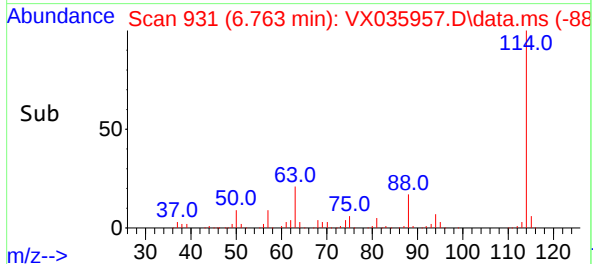
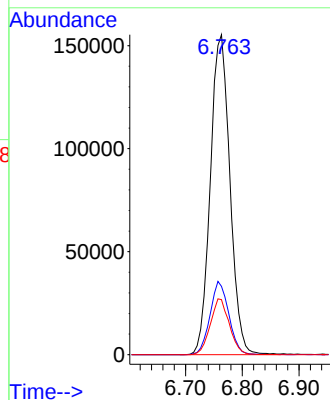
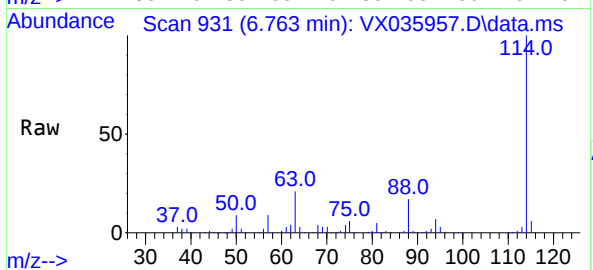




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035957.D
Acq: 01 Jun 2023 14:14

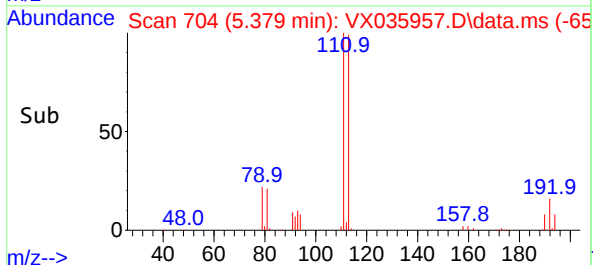
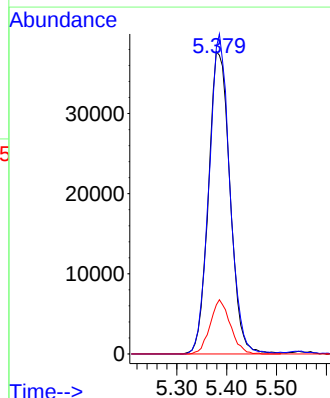
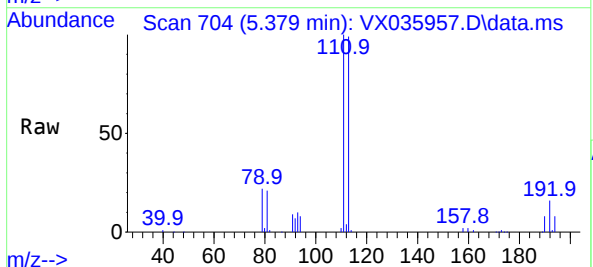
Instrument :
MSVOA_X
ClientSampleId :
MW-48

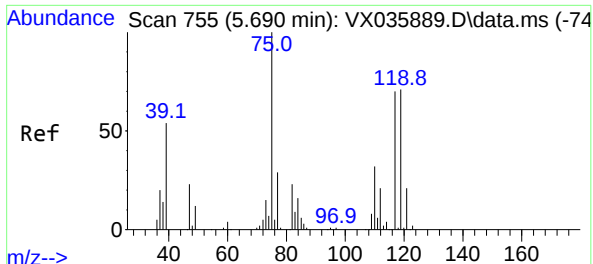
Tgt Ion:114 Resp: 372246
Ion Ratio Lower Upper
114 100
63 21.4 0.0 46.0
88 17.2 0.0 35.2



#35
Dibromofluoromethane
Concen: 45.180 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035957.D
Acq: 01 Jun 2023 14:14

Tgt Ion:113 Resp: 113118
Ion Ratio Lower Upper
113 100
111 101.9 81.7 122.5
192 16.8 13.5 20.3

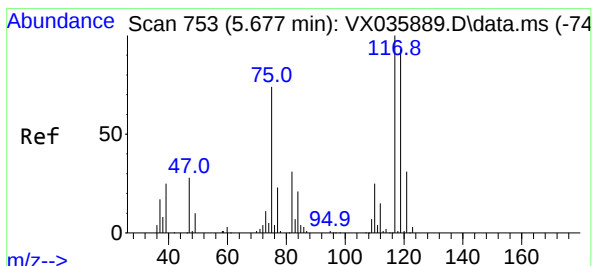
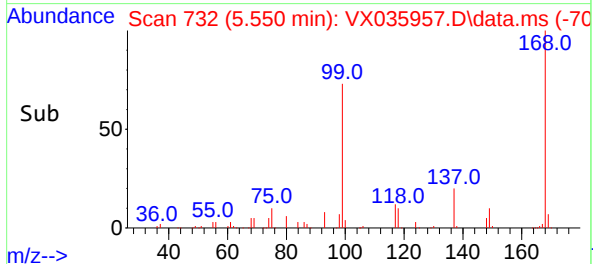
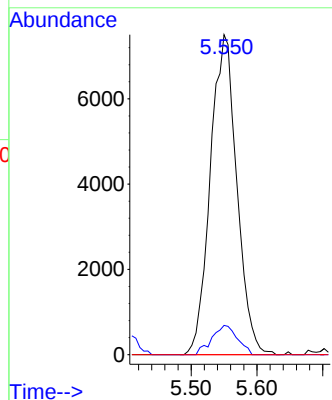
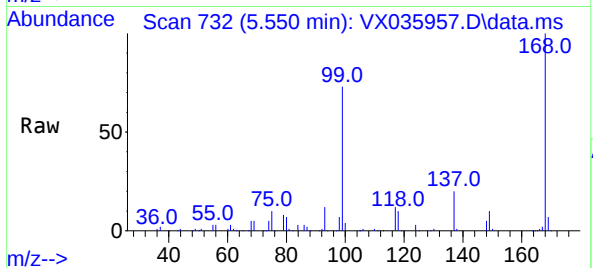




#36
1,1-Dichloropropene
Concen: 6.307 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX035957.D
Acq: 01 Jun 2023 14:14

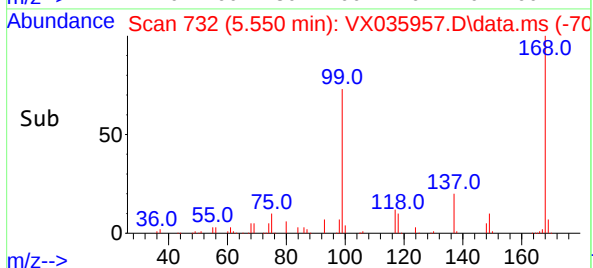
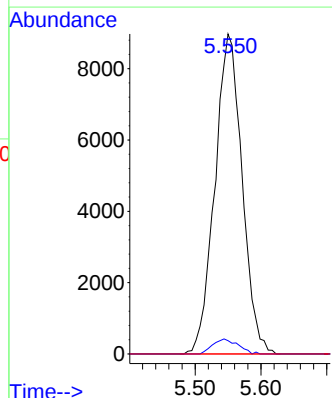
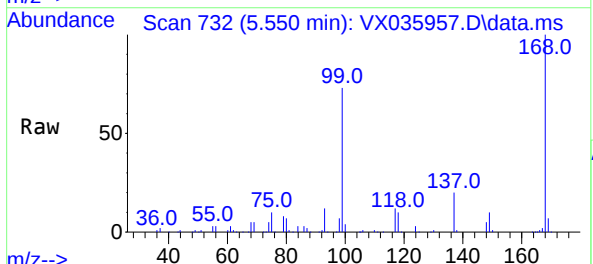
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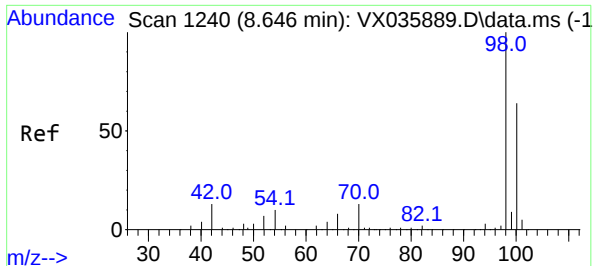
Tgt Ion: 75 Resp: 21054
Ion Ratio Lower Upper
75 100
110 8.8 16.6 49.7#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.947 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX035957.D
Acq: 01 Jun 2023 14:14

Tgt Ion: 117 Resp: 25853
Ion Ratio Lower Upper
117 100
119 4.2 74.1 111.1#
121 0.0 25.0 37.4#

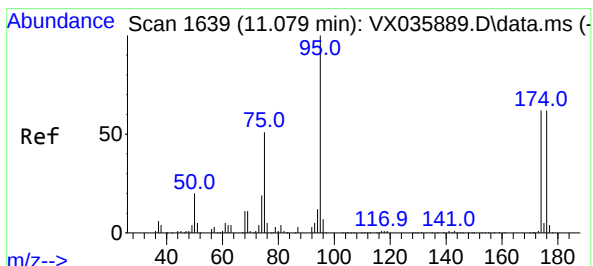
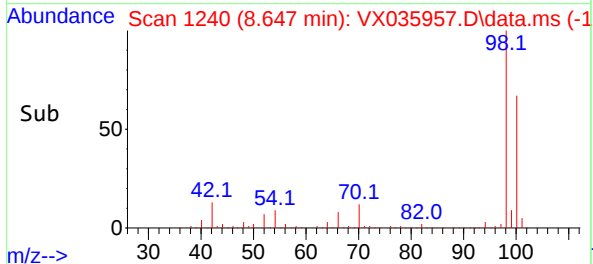
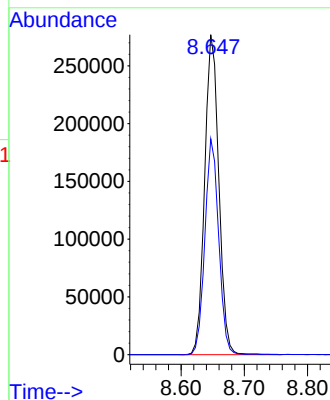
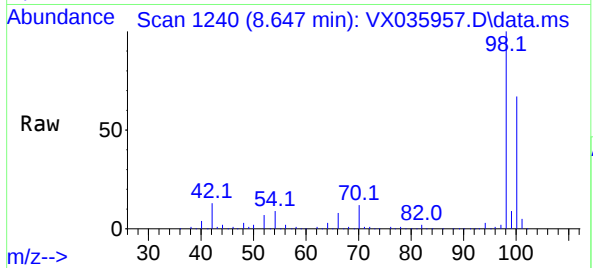




#50
Toluene-d8
Concen: 47.993 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035957.D
Acq: 01 Jun 2023 14:14

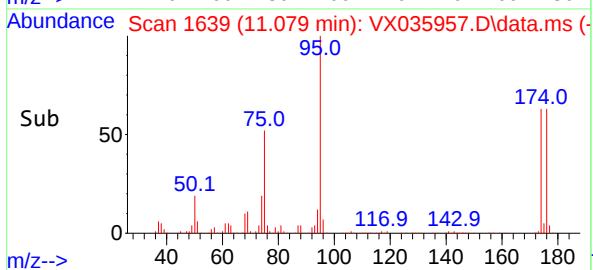
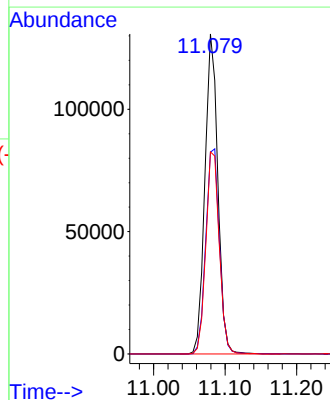
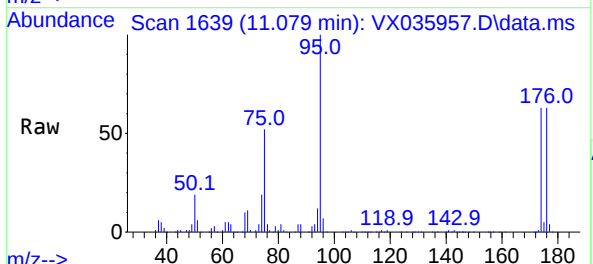
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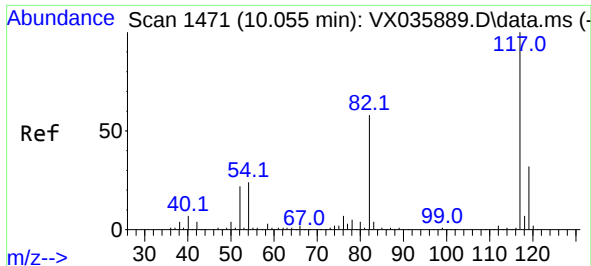
Tgt Ion: 98 Resp: 431248
Ion Ratio Lower Upper
98 100
100 65.8 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 46.339 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035957.D
Acq: 01 Jun 2023 14:14

Tgt Ion: 95 Resp: 164372
Ion Ratio Lower Upper
95 100
174 67.8 0.0 132.6
176 65.7 0.0 128.0



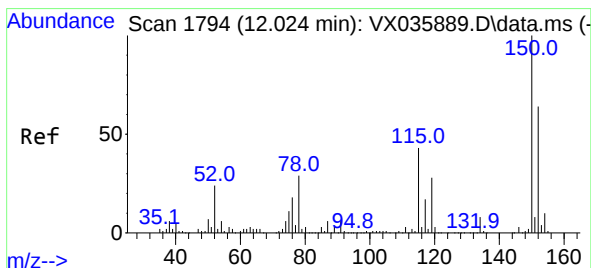
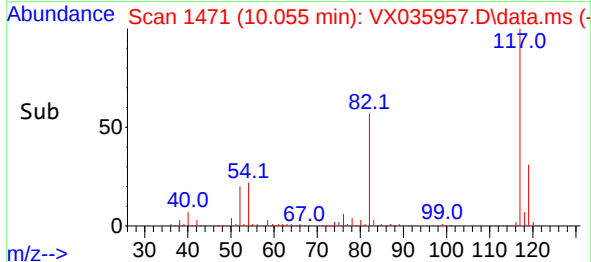
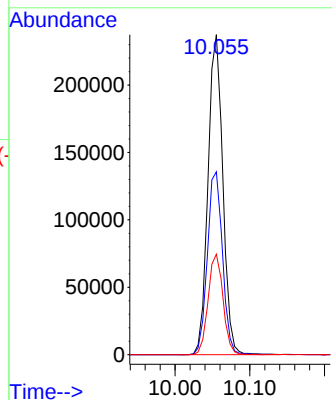
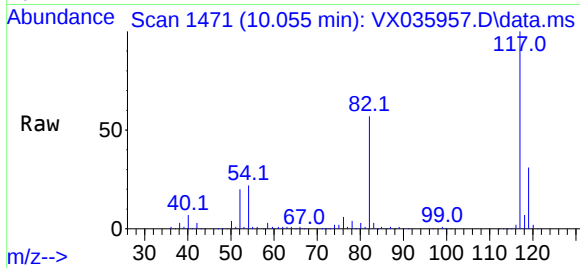


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035957.D
Acq: 01 Jun 2023 14:14

Instrument :
MSVOA_X
ClientSampleId :
MW-48

Tgt Ion:117 Resp: 326198

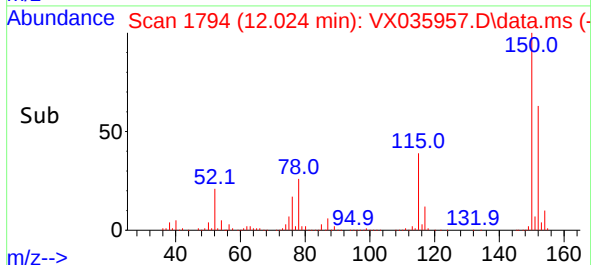
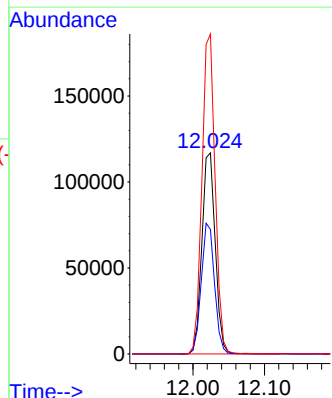
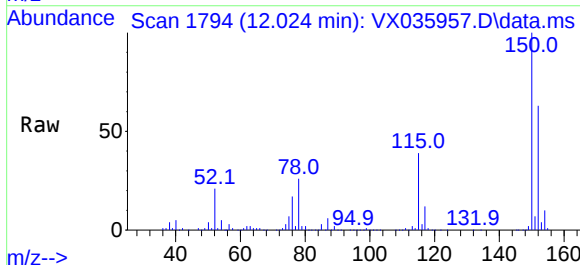
Ion	Ratio	Lower	Upper
117	100		
82	57.1	46.6	69.8
119	31.4	25.4	38.2

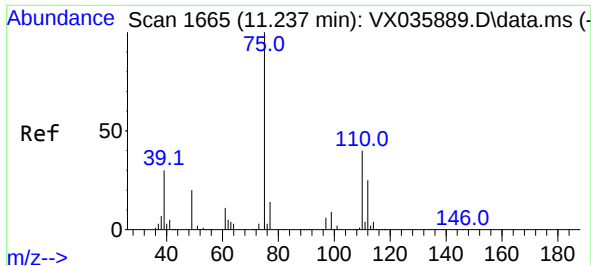


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035957.D
Acq: 01 Jun 2023 14:14

Tgt Ion:152 Resp: 151964

Ion	Ratio	Lower	Upper
152	100		
115	64.3	45.5	136.5
150	156.8	0.0	345.2

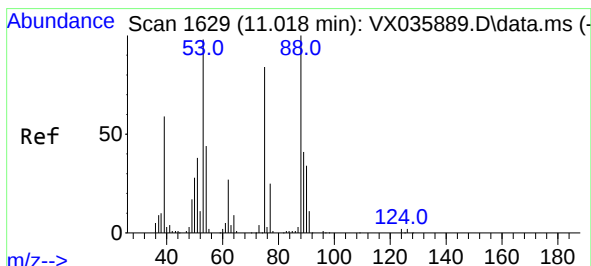
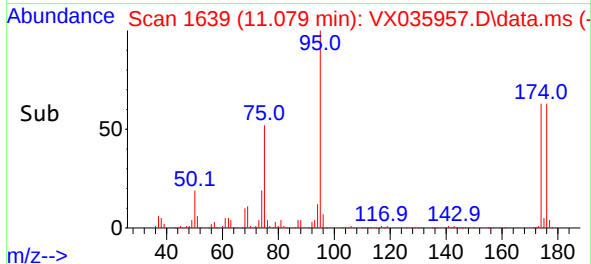
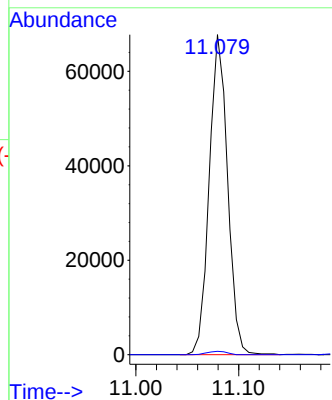
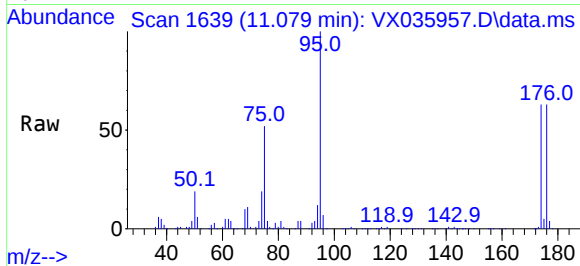




#76
1,2,3-Trichloropropane
Concen: 24.524 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035957.D
Acq: 01 Jun 2023 14:14

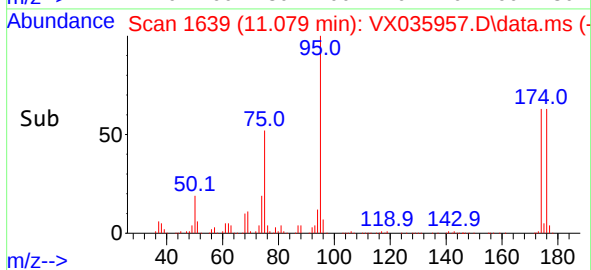
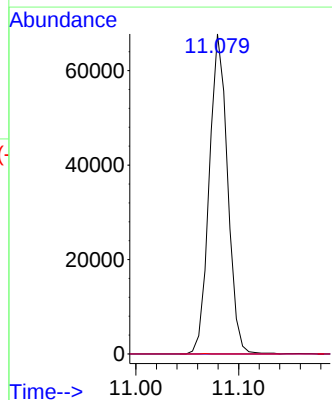
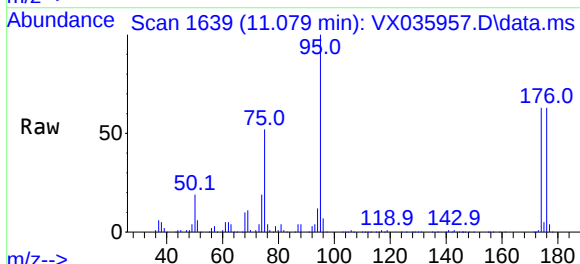
Instrument :
MSVOA_X
ClientSampleId :
MW-48

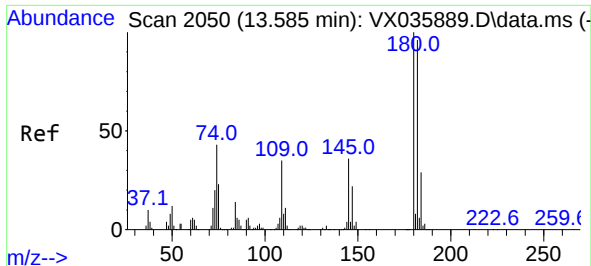
Tgt Ion: 75 Resp: 84056
Ion Ratio Lower Upper
75 100
77 1.1 21.4 64.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.606 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035957.D
Acq: 01 Jun 2023 14:14

Tgt Ion: 75 Resp: 84056
Ion Ratio Lower Upper
75 100
53 0.0 95.2 142.8#
89 0.0 38.0 57.0#

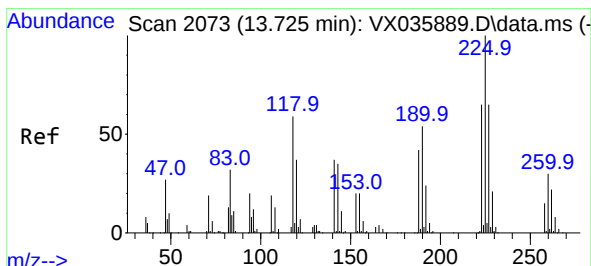
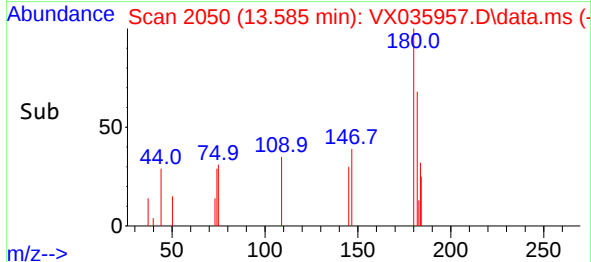
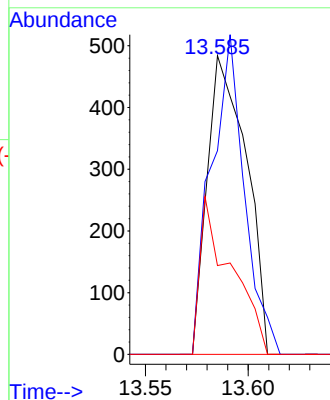
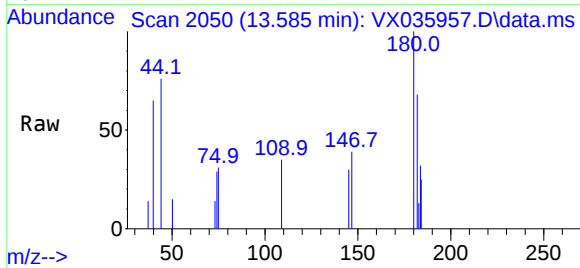




#93
1,2,4-Trichlorobenzene
Concen: 0.221 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX035957.D
Acq: 01 Jun 2023 14:14

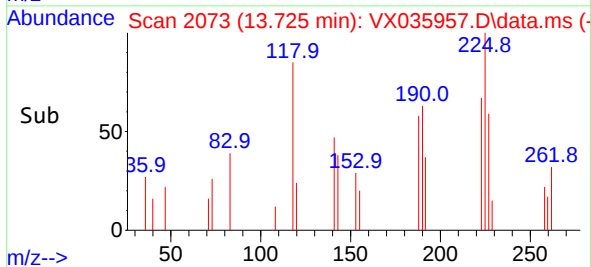
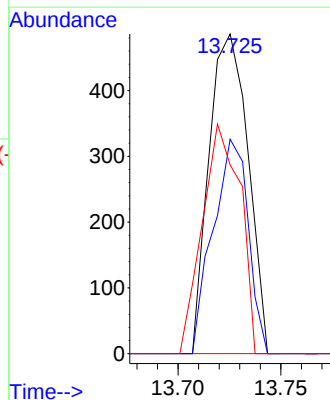
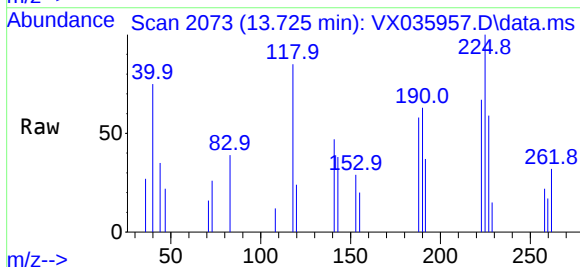
Instrument :
MSVOA_X
ClientSampleId :
MW-48

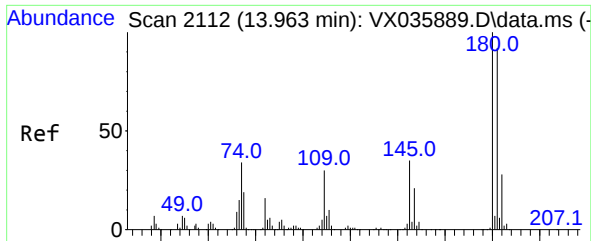
Tgt Ion:180	Resp:	640
Ion	Ratio	Lower Upper
180	100	
182	90.6	47.3 141.8
145	42.2	17.3 51.9



#94
Hexachlorobutadiene
Concen: 0.581 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035957.D
Acq: 01 Jun 2023 14:14

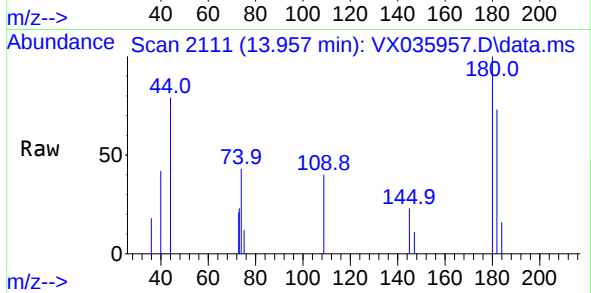
Tgt Ion:225	Resp:	641
Ion	Ratio	Lower Upper
225	100	
223	60.5	32.6 97.7
227	69.6	31.9 95.7





#96
 1,2,3-Trichlorobenzene
 Concen: 0.223 ug/l
 RT: 13.957 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VX035957.D
 Acq: 01 Jun 2023 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-48



Tgt Ion:	180	Resp:	637
Ion	Ratio	Lower	Upper
180	100		
182	93.7	46.9	140.7
145	21.8	18.1	54.3

