

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121625\
 Data File : VX048908.D
 Acq On : 16 Dec 2025 23:00
 Operator : JC/MD
 Sample : Q3849-08DL 400X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-06-7-121125DL

Quant Time: Dec 17 03:31:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 17 03:22:16 2025
 Response via : Initial Calibration

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

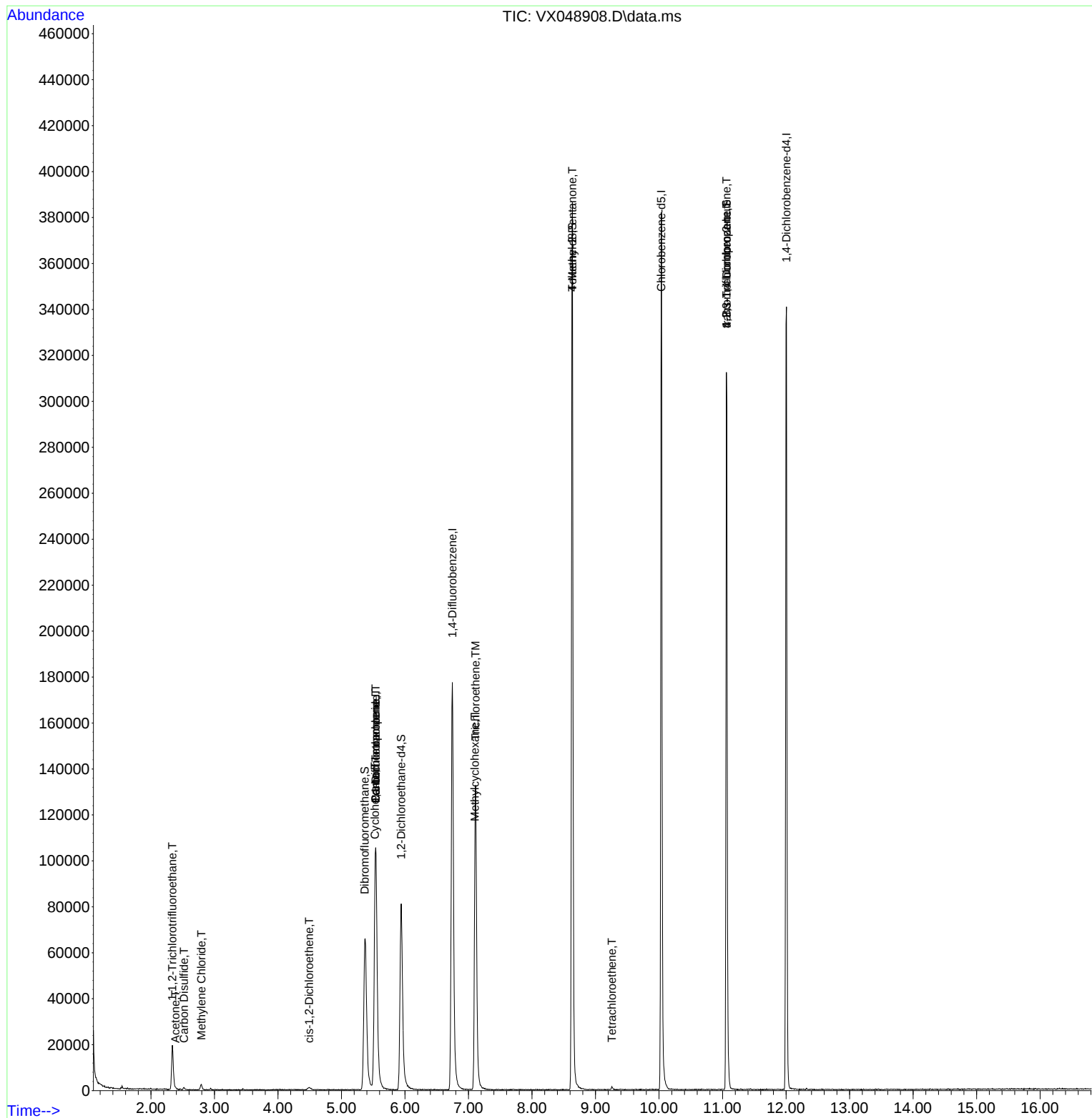
Internal Standards						
1) Pentafluorobenzene	5.537	168	109584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	192084	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	171711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	73115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	86546	47.248	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.500%
35) Dibromofluoromethane	5.367	113	63899	44.756	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.520%
50) Toluene-d8	8.634	98	239492	46.985	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.980%
62) 4-Bromofluorobenzene	11.061	95	85082	46.493	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.980%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.337	101	8513	7.310	ug/l	98
16) Acetone	2.386	43	321	0.832	ug/l #	43
17) Carbon Disulfide	2.520	76	1409	0.408	ug/l #	74
20) Methylene Chloride	2.794	84	1133	0.711	ug/l #	79
27) cis-1,2-Dichloroethene	4.489	96	1006	0.611	ug/l	78
31) Cyclohexane	5.525	56	2536	1.232	ug/l #	50
36) 1,1-Dichloropropene	5.537	75	8886	4.959	ug/l #	48
38) Carbon Tetrachloride	5.537	117	11534	5.400	ug/l #	12
39) Methylcyclohexane	7.098	83	632	0.314	ug/l #	25
44) Trichloroethene	7.110	130	56665	38.257	ug/l	94
51) 4-Methyl-2-Pentanone	8.634	43	1248	0.786	ug/l #	1
64) Tetrachloroethene	9.256	164	312	0.283	ug/l	89
76) 1,2,3-Trichloropropane	11.061	75	46721	39.742	ug/l #	30
81) trans-1,4-Dichloro-2-b...	11.061	75	46721	100.936	ug/l #	3

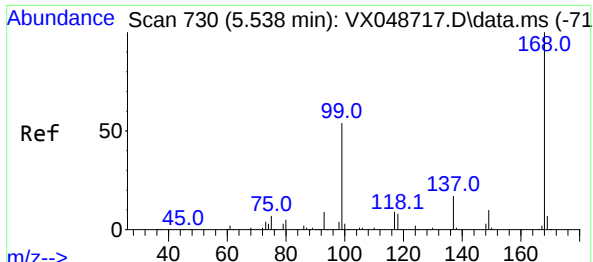
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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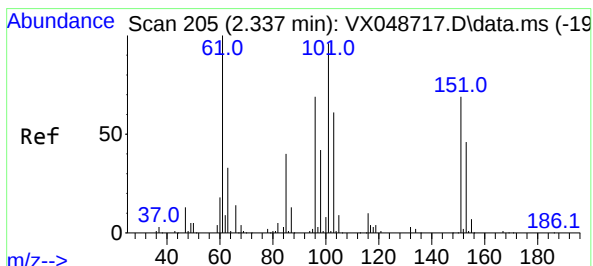
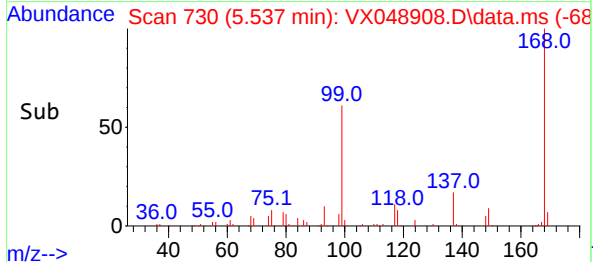
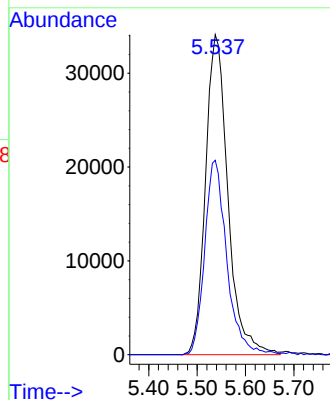
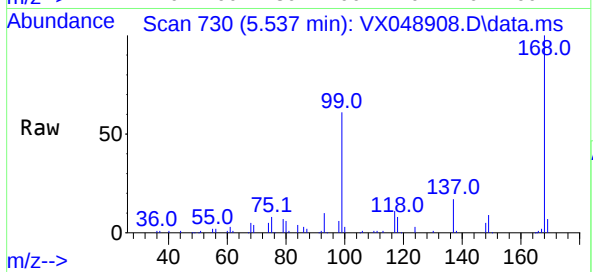




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX048908.D
Acq: 16 Dec 2025 23:00

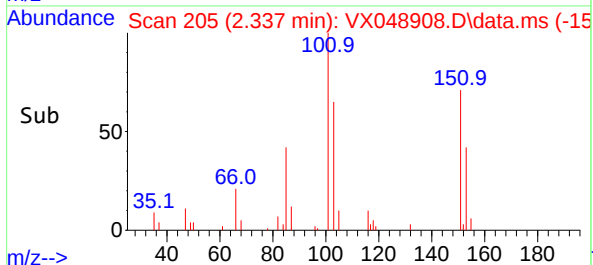
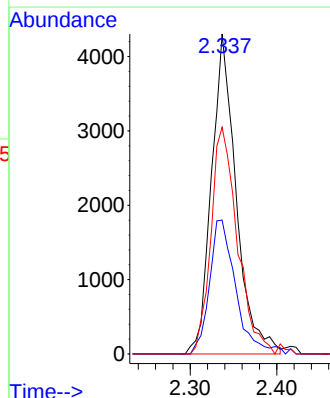
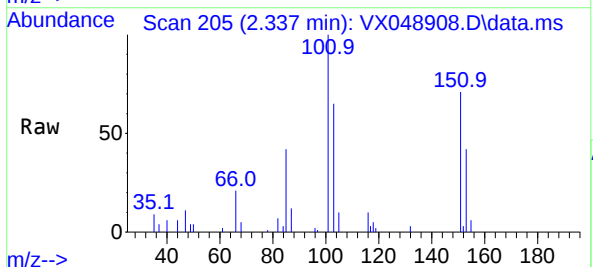
Instrument :
MSVOA_X
ClientSampleId :
MW-06-7-121125DL

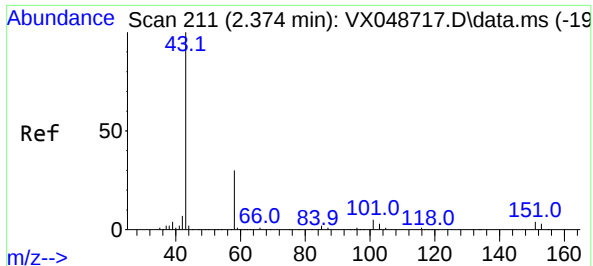
Tgt Ion:168 Resp: 109584
Ion Ratio Lower Upper
168 100
99 60.7 44.2 66.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.310 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048908.D
Acq: 16 Dec 2025 23:00

Tgt Ion:101 Resp: 8513
Ion Ratio Lower Upper
101 100
85 44.9 34.2 51.2
151 75.9 60.2 90.4

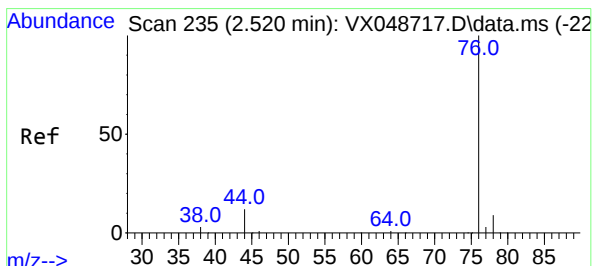
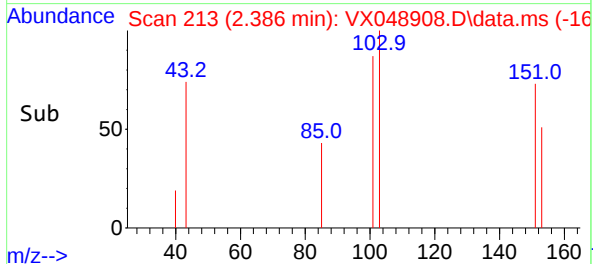
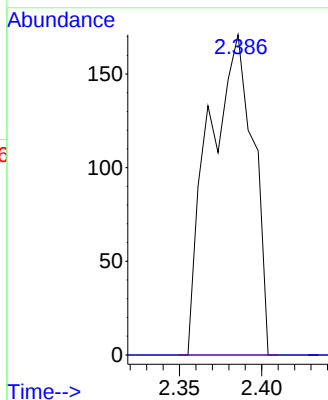
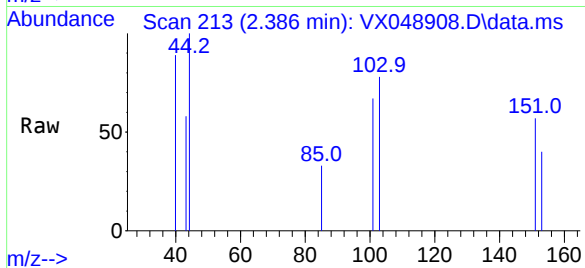




#16
Acetone
Concen: 0.832 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX048908.D
Acq: 16 Dec 2025 23:00

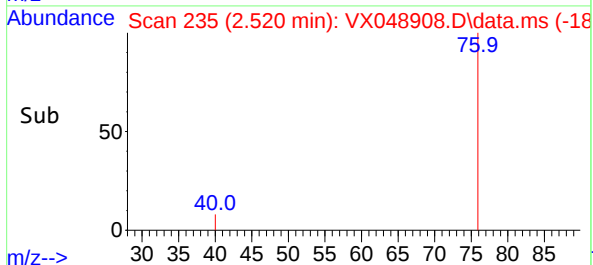
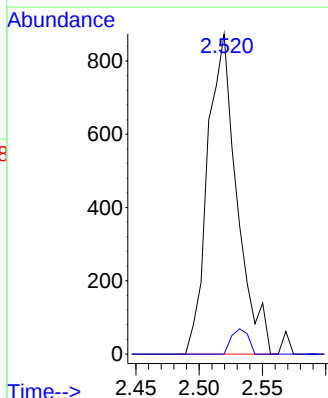
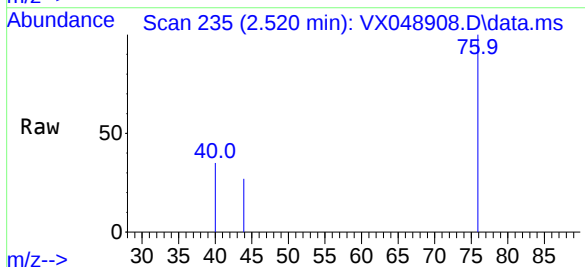
Instrument :
MSVOA_X
ClientSampleId :
MW-06-7-121125DL

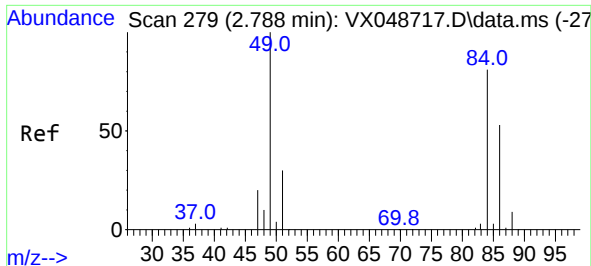
Tgt Ion: 43 Resp: 321
Ion Ratio Lower Upper
43 100
58 0.0 25.0 37.4#



#17
Carbon Disulfide
Concen: 0.408 ug/l
RT: 2.520 min Scan# 235
Delta R.T. -0.000 min
Lab File: VX048908.D
Acq: 16 Dec 2025 23:00

Tgt Ion: 76 Resp: 1409
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#



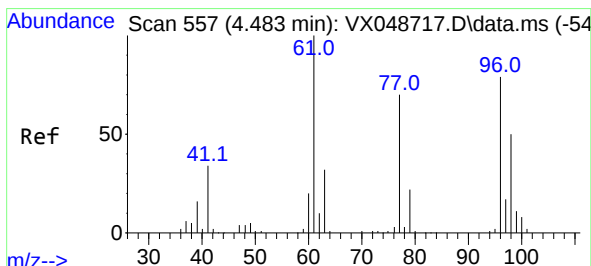
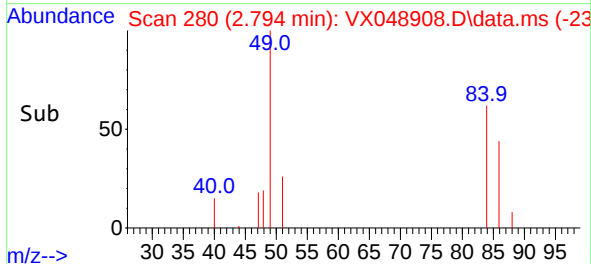
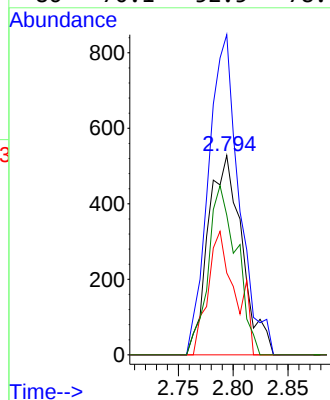
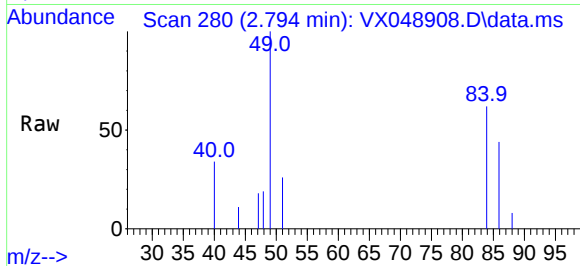


#20
Methylene Chloride
Concen: 0.711 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048908.D
Acq: 16 Dec 2025 23:00

Instrument :
MSVOA_X
ClientSampleId :
MW-06-7-121125DL

Tgt Ion: 84 Resp: 1133

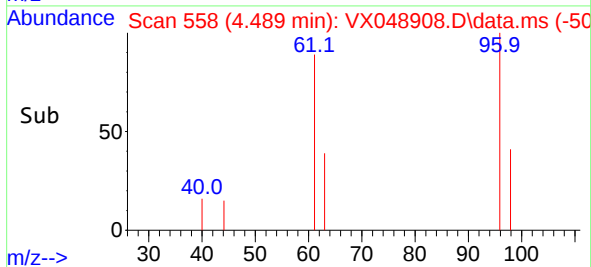
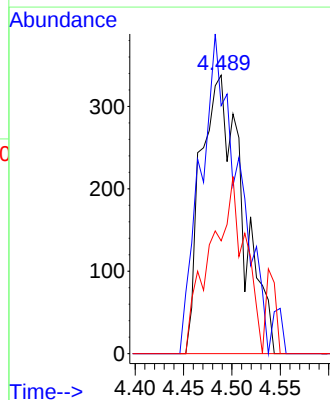
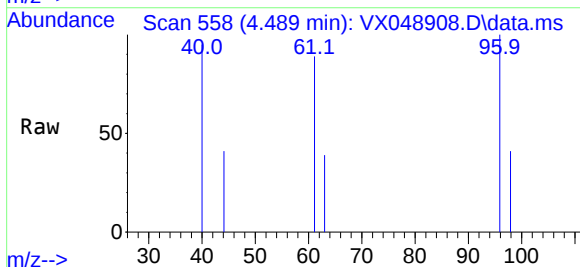
Ion	Ratio	Lower	Upper
84	100		
49	160.6	98.7	148.1#
51	41.1	29.4	44.2
86	70.1	52.5	78.7

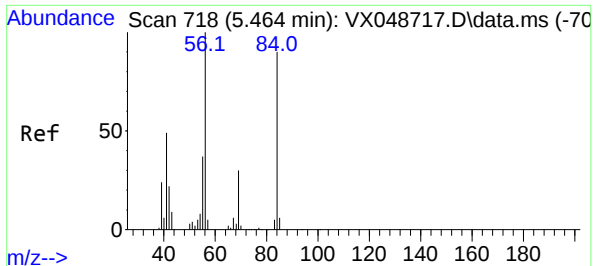


#27
cis-1,2-Dichloroethene
Concen: 0.611 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.012 min
Lab File: VX048908.D
Acq: 16 Dec 2025 23:00

Tgt Ion: 96 Resp: 1006

Ion	Ratio	Lower	Upper
96	100		
61	105.2	0.0	271.0
98	53.5	0.0	130.2

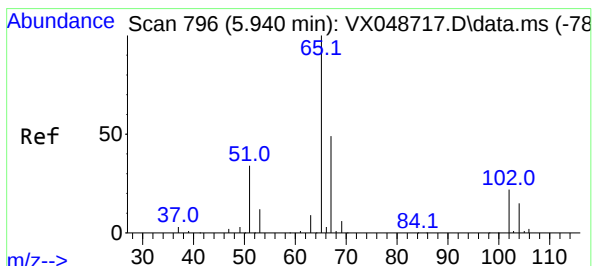
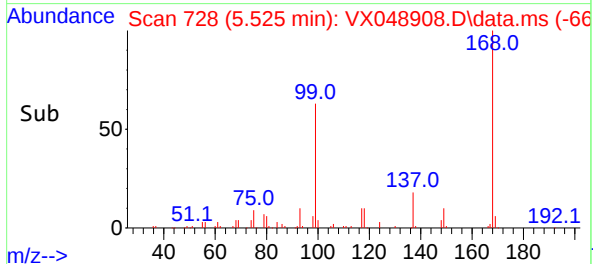
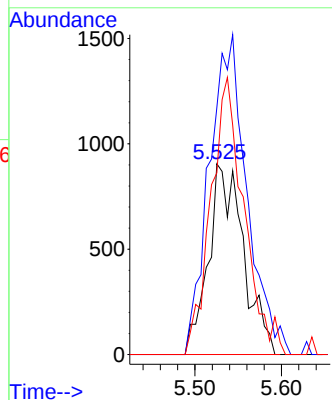
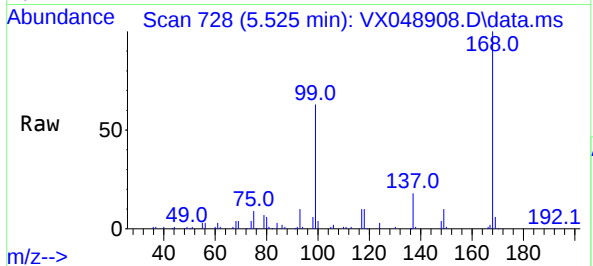




#31
Cyclohexane
Concen: 1.232 ug/l
RT: 5.525 min Scan# 718
Delta R.T. 0.067 min
Lab File: VX048908.D
Acq: 16 Dec 2025 23:00

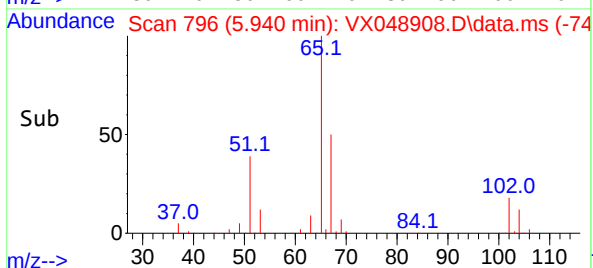
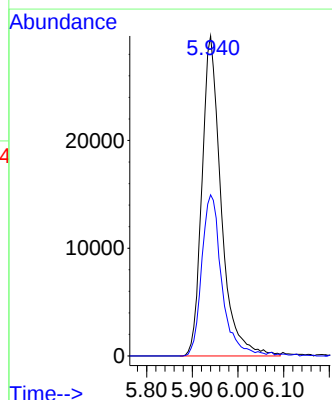
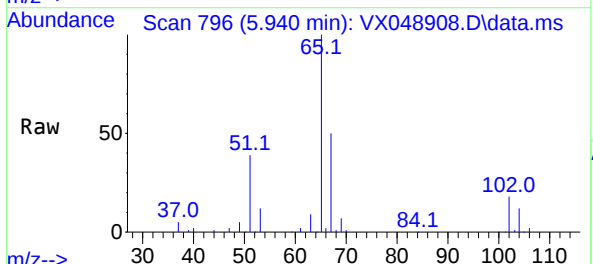
Instrument :
MSVOA_X
ClientSampleId :
MW-06-7-121125DL

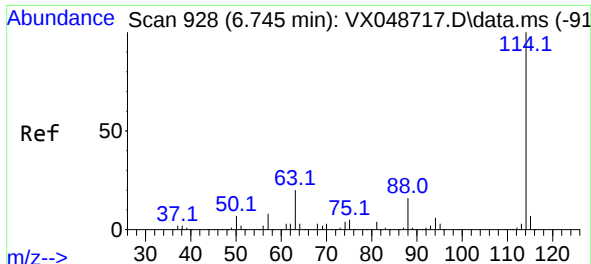
Tgt Ion: 56 Resp: 2536
Ion Ratio Lower Upper
56 100
69 129.5 24.2 36.2#
84 95.2 72.1 108.1



#33
1,2-Dichloroethane-d4
Concen: 47.248 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048908.D
Acq: 16 Dec 2025 23:00

Tgt Ion: 65 Resp: 86546
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.4

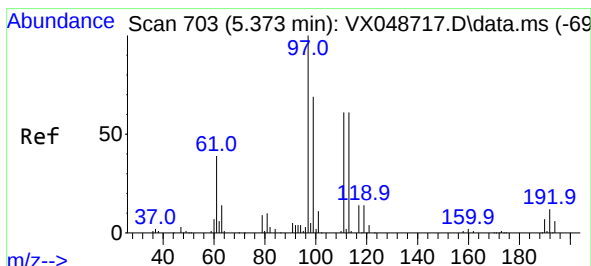
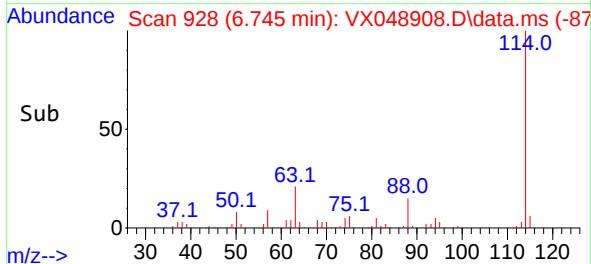
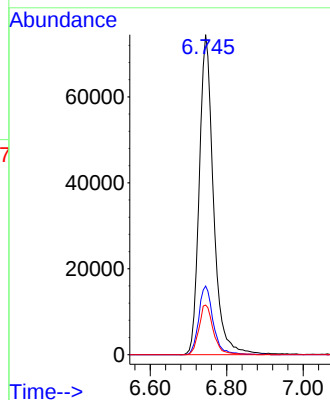
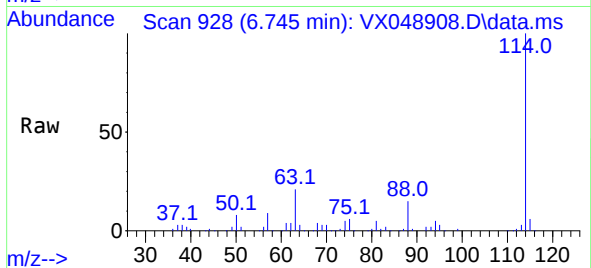




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048908.D
Acq: 16 Dec 2025 23:00

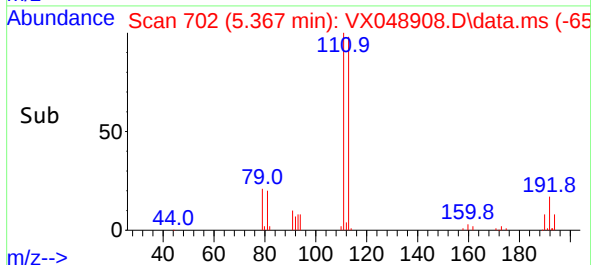
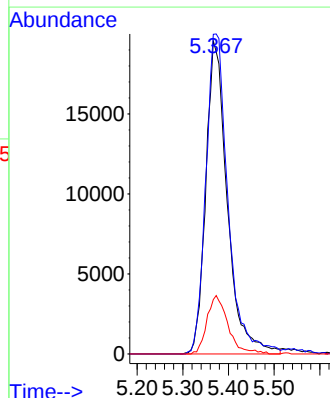
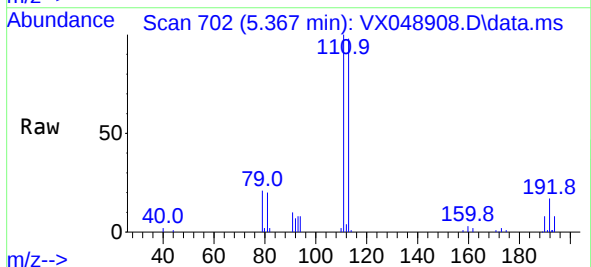
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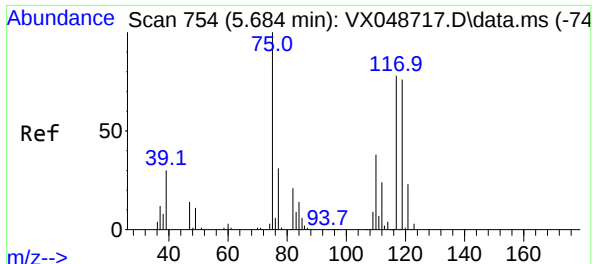
Tgt Ion:114 Resp: 192084
Ion Ratio Lower Upper
114 100
63 21.5 0.0 39.0
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 44.756 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.000 min
Lab File: VX048908.D
Acq: 16 Dec 2025 23:00

Tgt Ion:113 Resp: 63899
Ion Ratio Lower Upper
113 100
111 105.5 79.5 119.3
192 18.3 16.1 24.1

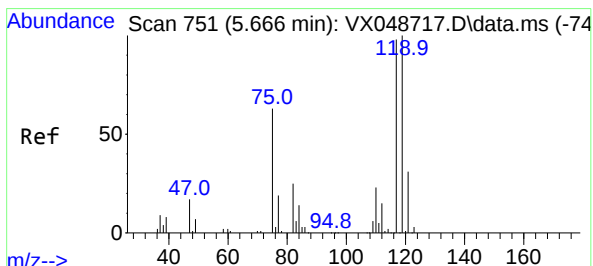
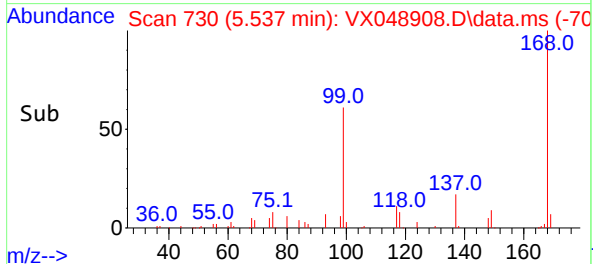
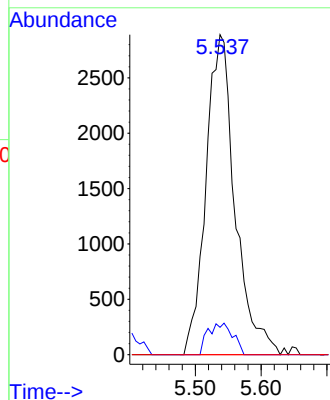
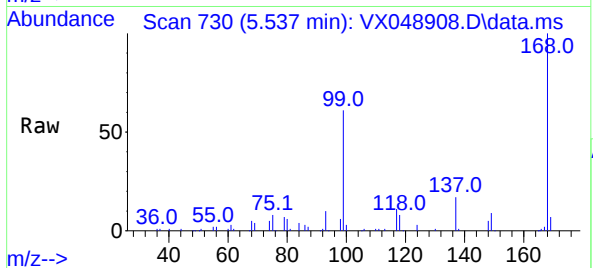




#36
1,1-Dichloropropene
Concen: 4.959 ug/l
RT: 5.537 min Scan# 710
Delta R.T. -0.146 min
Lab File: VX048908.D
Acq: 16 Dec 2025 23:00

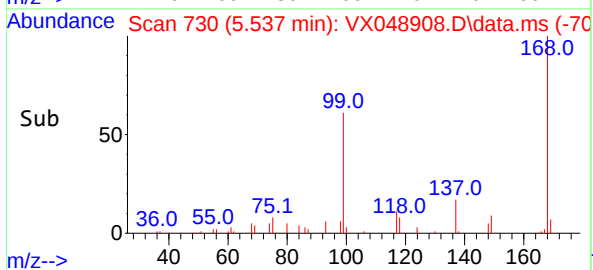
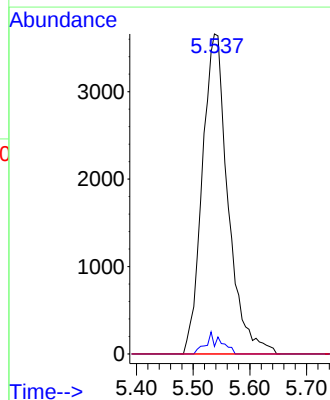
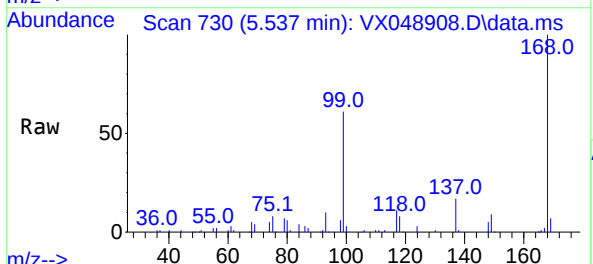
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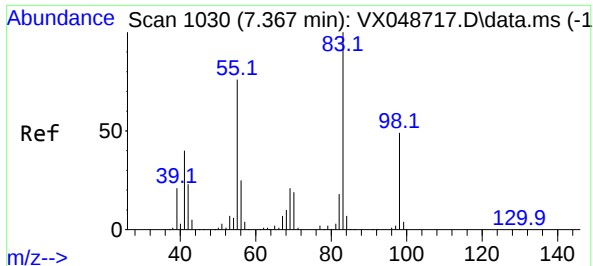
Tgt Ion: 75 Resp: 8886
Ion Ratio Lower Upper
75 100
110 8.5 18.6 55.8#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.400 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.128 min
Lab File: VX048908.D
Acq: 16 Dec 2025 23:00

Tgt Ion: 117 Resp: 11534
Ion Ratio Lower Upper
117 100
119 2.3 80.5 120.7#
121 0.0 25.4 38.0#





#39

Methylcyclohexane

Concen: 0.314 ug/l

RT: 7.098 min Scan# 91

Delta R.T. -0.268 min

Lab File: VX048908.D

Acq: 16 Dec 2025 23:00

Instrument :

MSVOA_X

ClientSampleId :

MW-06-7-121125DL

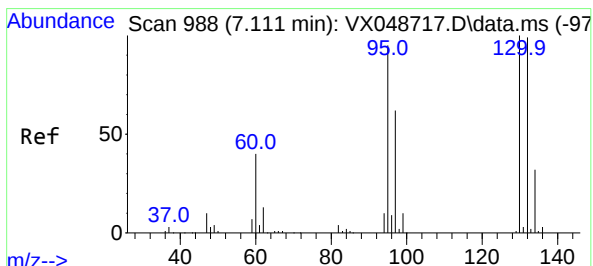
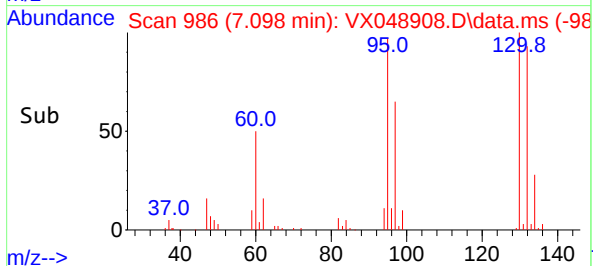
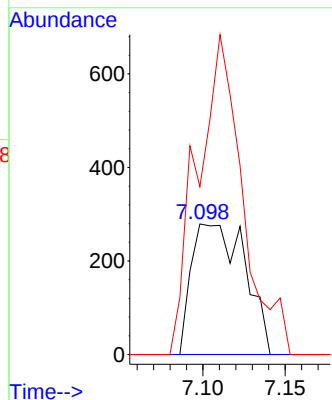
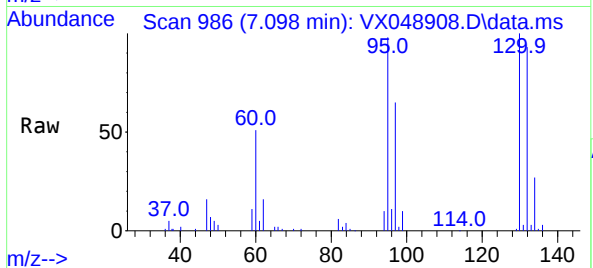
Tgt Ion: 83 Resp: 632

Ion Ratio Lower Upper

83 100

55 0.0 60.6 90.8#

98 85.3 39.3 58.9#



#44

Trichloroethene

Concen: 38.257 ug/l

RT: 7.110 min Scan# 988

Delta R.T. -0.000 min

Lab File: VX048908.D

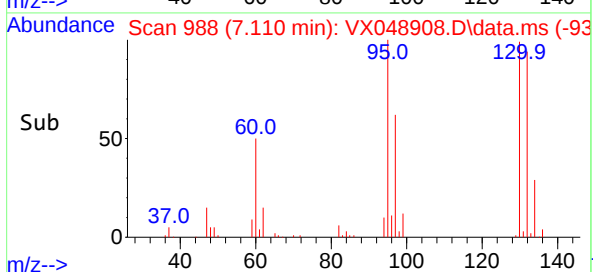
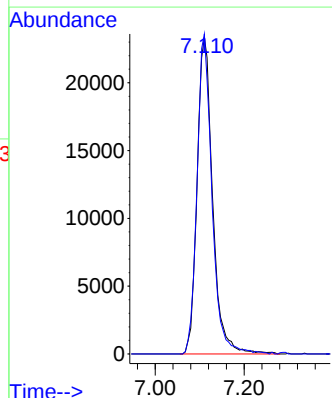
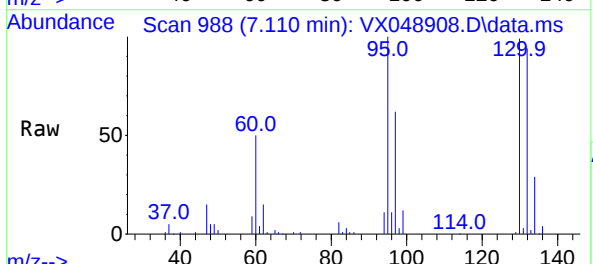
Acq: 16 Dec 2025 23:00

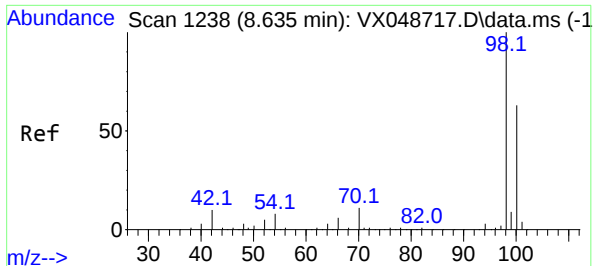
Tgt Ion:130 Resp: 56665

Ion Ratio Lower Upper

130 100

95 101.1 0.0 189.6

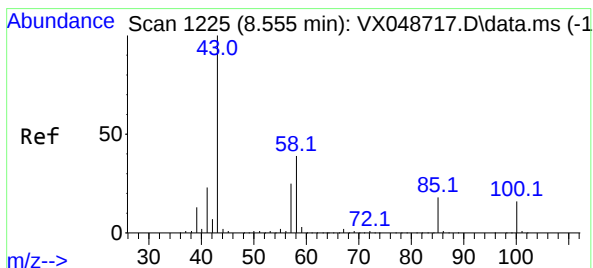
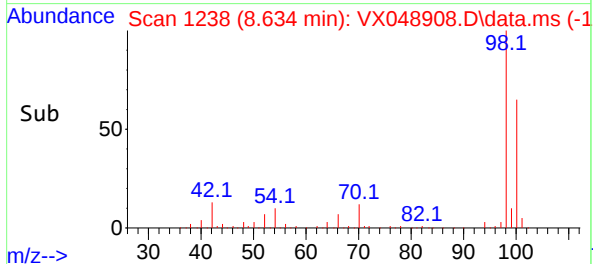
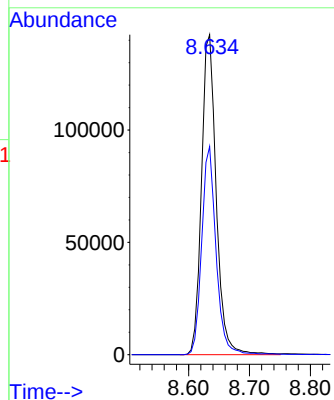
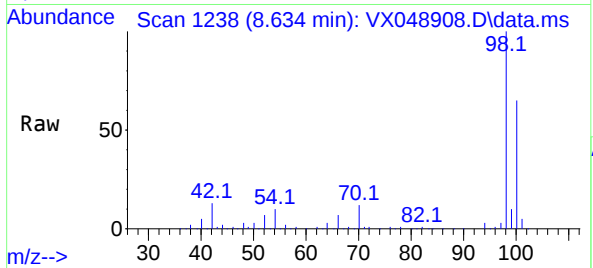




#50
Toluene-d8
Concen: 46.985 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048908.D
Acq: 16 Dec 2025 23:00

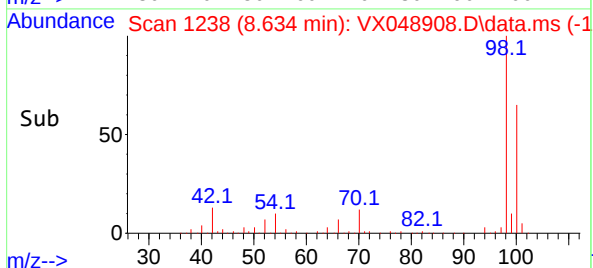
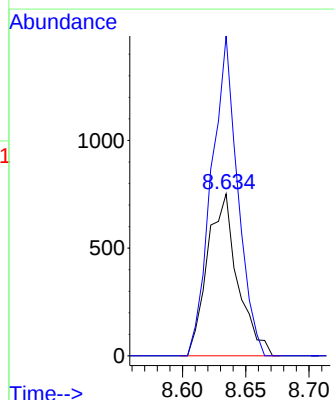
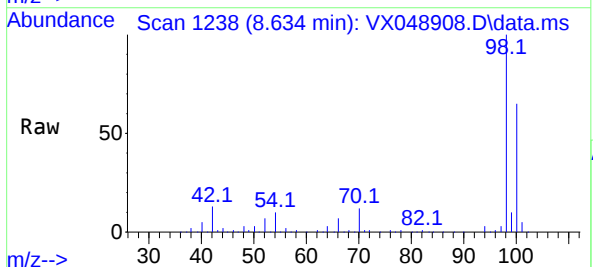
Instrument :
MSVOA_X
ClientSampleId :
MW-06-7-121125DL

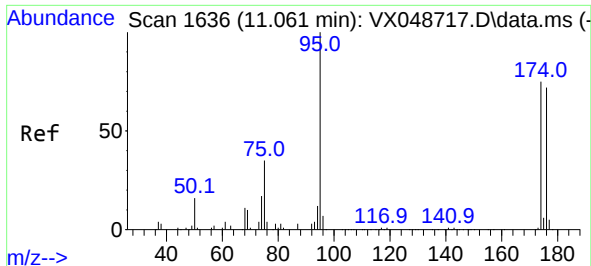
Tgt Ion: 98 Resp: 239492
Ion Ratio Lower Upper
98 100
100 63.5 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 0.786 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. 0.079 min
Lab File: VX048908.D
Acq: 16 Dec 2025 23:00

Tgt Ion: 43 Resp: 1248
Ion Ratio Lower Upper
43 100
58 172.0 32.2 48.4#

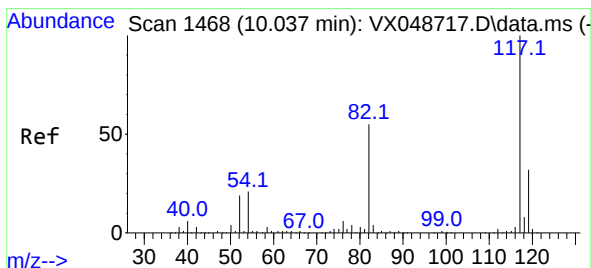
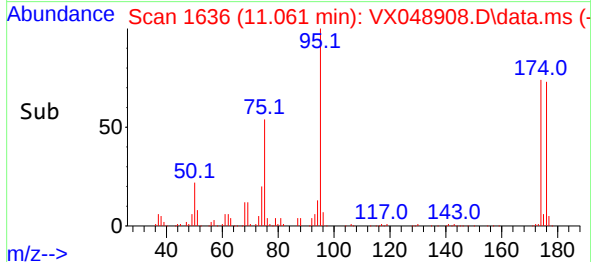
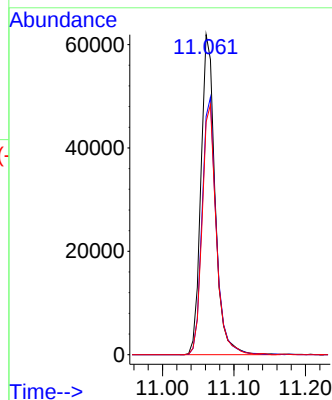
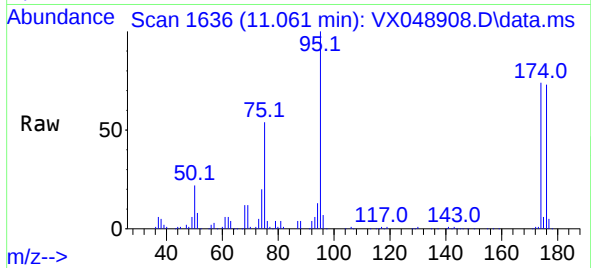




#62
4-Bromofluorobenzene
Concen: 46.493 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048908.D
Acq: 16 Dec 2025 23:00

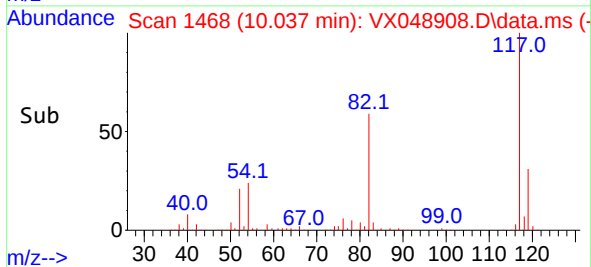
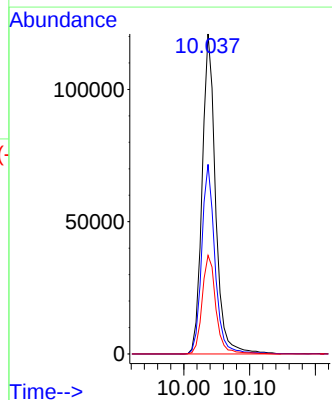
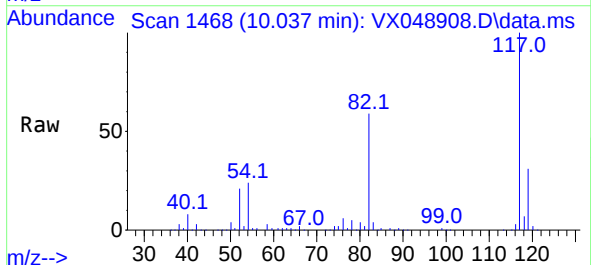
Instrument :
MSVOA_X
ClientSampleId :
MW-06-7-121125DL

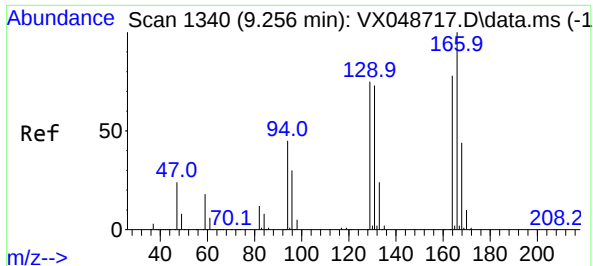
Tgt Ion: 95 Resp: 85082
Ion Ratio Lower Upper
95 100
174 80.7 0.0 157.8
176 78.3 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048908.D
Acq: 16 Dec 2025 23:00

Tgt Ion: 117 Resp: 171711
Ion Ratio Lower Upper
117 100
82 59.3 44.1 66.1
119 30.8 25.2 37.8



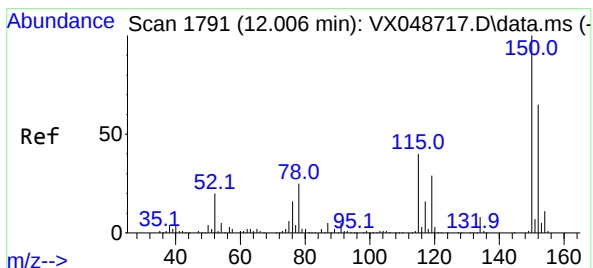
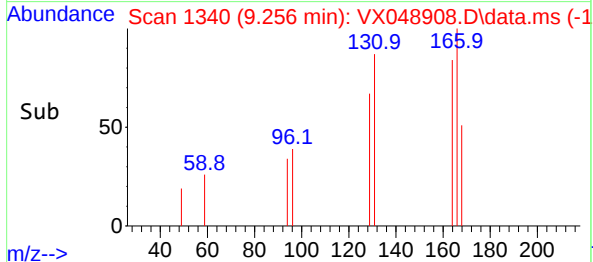
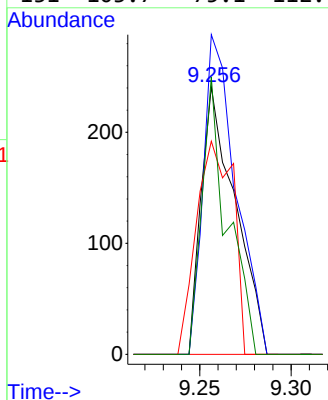
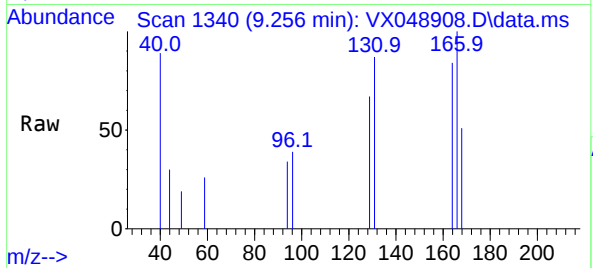


#64
Tetrachloroethene
Concen: 0.283 ug/l
RT: 9.256 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048908.D
Acq: 16 Dec 2025 23:00

Instrument :
MSVOA_X
ClientSampleId :
MW-06-7-121125DL

Tgt Ion:164 Resp: 312

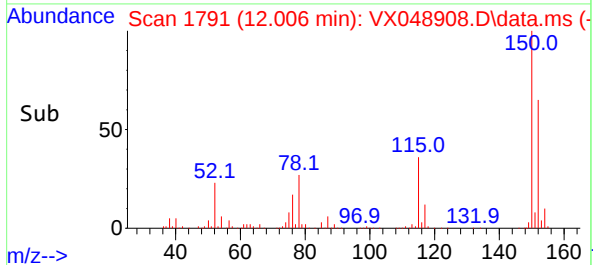
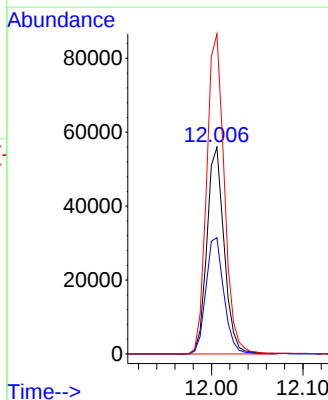
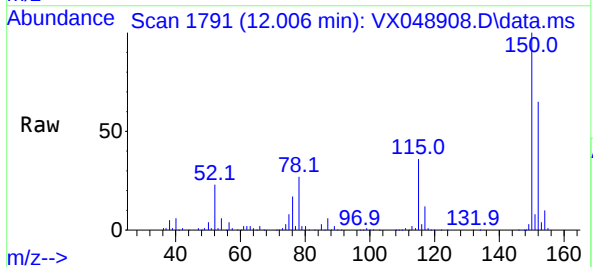
Ion	Ratio	Lower	Upper
164	100		
166	119.5	103.1	154.7
129	79.7	76.9	115.3
131	103.7	75.1	112.7

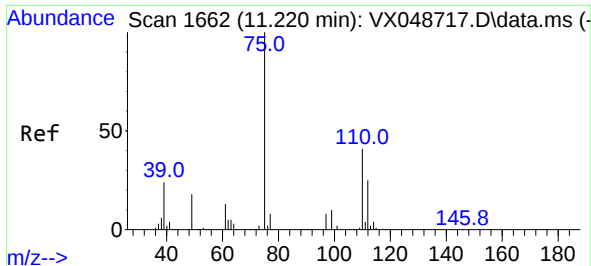


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VX048908.D
Acq: 16 Dec 2025 23:00

Tgt Ion:152 Resp: 73115

Ion	Ratio	Lower	Upper
152	100		
115	58.8	42.1	126.4
150	159.4	0.0	347.8

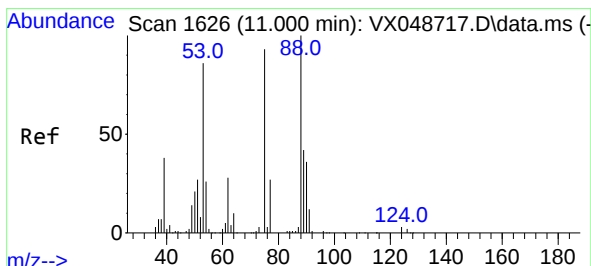
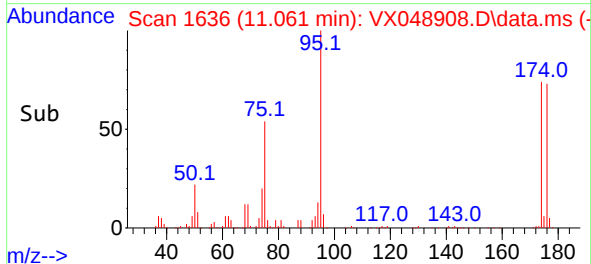
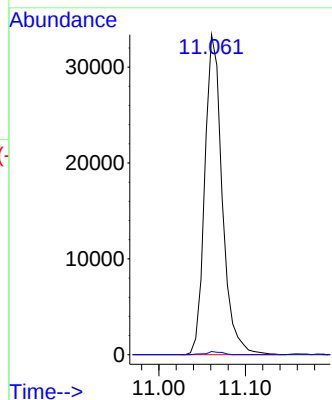
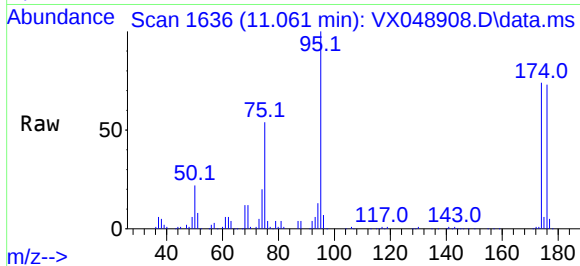




#76
1,2,3-Trichloropropane
Concen: 39.742 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048908.D
Acq: 16 Dec 2025 23:00

Instrument :
MSVOA_X
ClientSampleId :
MW-06-7-121125DL

Tgt Ion: 75 Resp: 46721
Ion Ratio Lower Upper
75 100
77 0.9 24.3 73.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.936 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048908.D
Acq: 16 Dec 2025 23:00

Tgt Ion: 75 Resp: 46721
Ion Ratio Lower Upper
75 100
53 0.0 79.9 119.9#
89 0.0 67.1 100.7#

