

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
 Data File : VX048085.D
 Acq On : 09 Oct 2025 14:41
 Operator : JC/MD
 Sample : Q3311-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101S

Quant Time: Oct 10 01:25:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

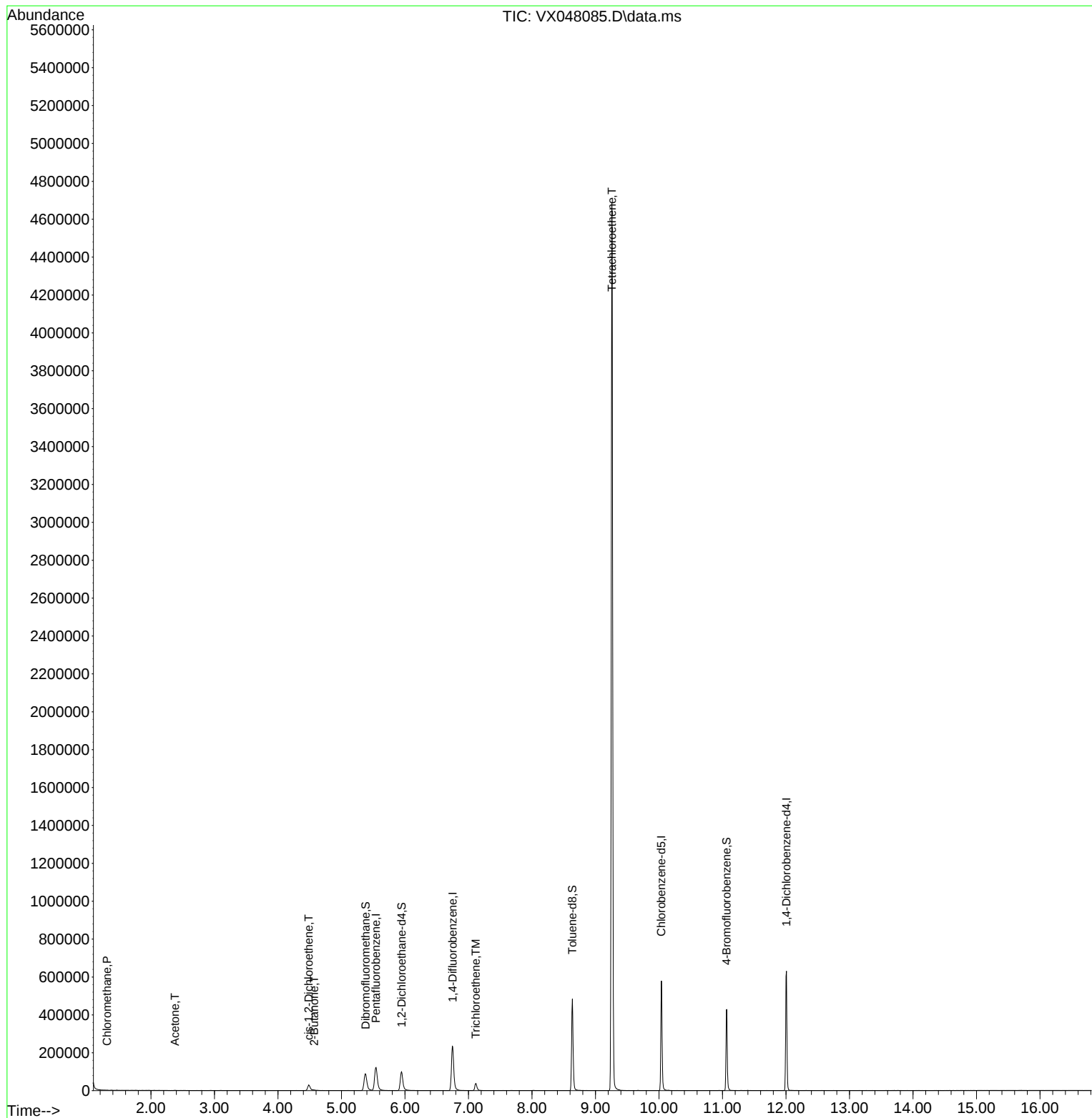
Internal Standards						
1) Pentafluorobenzene	5.544	168	123020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	255257	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	258974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	132248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	108754	55.539	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.080%
35) Dibromofluoromethane	5.379	113	86859	50.739	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.480%
50) Toluene-d8	8.635	98	294044	49.640	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.280%
62) 4-Bromofluorobenzene	11.061	95	124713	55.476	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.960%
Target Compounds						
						Qvalue
3) Chloromethane	1.307	50	651	0.389	ug/l	90
16) Acetone	2.380	43	1763	2.071	ug/l	90
25) 2-Butanone	4.568	43	5416	5.100	ug/l	90
27) cis-1,2-Dichloroethene	4.483	96	20366	10.568	ug/l	88
44) Trichloroethene	7.117	130	16310	8.879	ug/l	96
64) Tetrachloroethene	9.257	164	902554	534.613	ug/l	99

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

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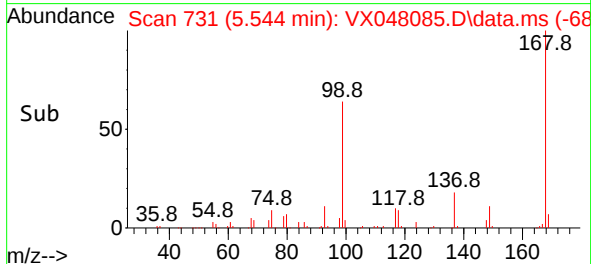
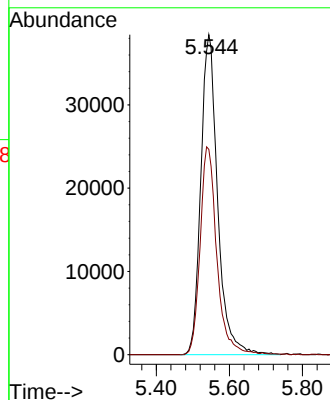
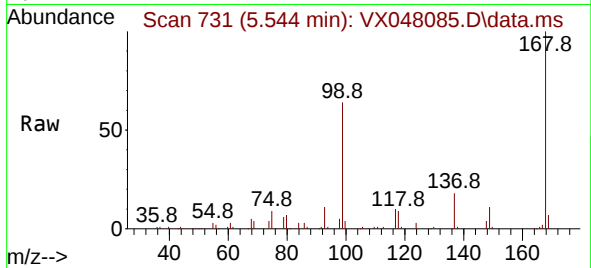




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048085.D
Acq: 09 Oct 2025 14:41

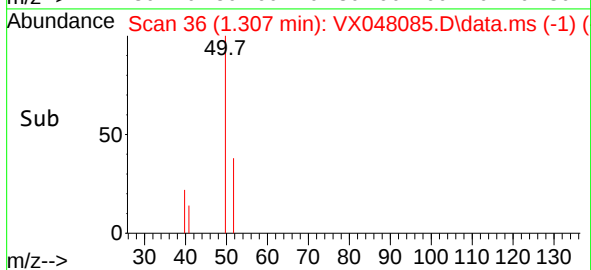
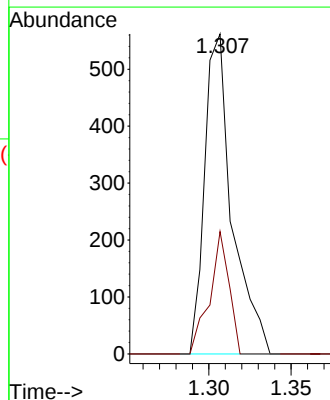
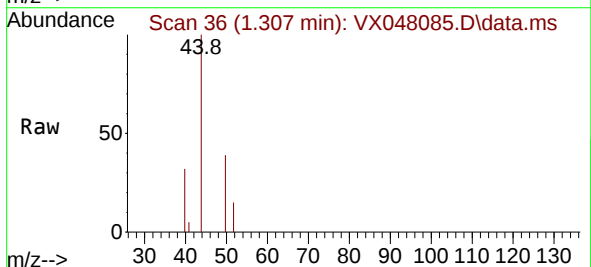
Instrument :
MSVOA_X
ClientSampleId :
MW-101S

Tgt Ion:168 Resp: 123020
Ion Ratio Lower Upper
168 100
99 64.2 48.8 73.2



#3
Chloromethane
Concen: 0.389 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX048085.D
Acq: 09 Oct 2025 14:41

Tgt Ion: 50 Resp: 651
Ion Ratio Lower Upper
50 100
52 38.3 26.1 39.1

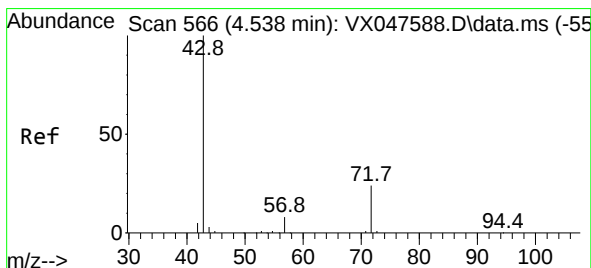
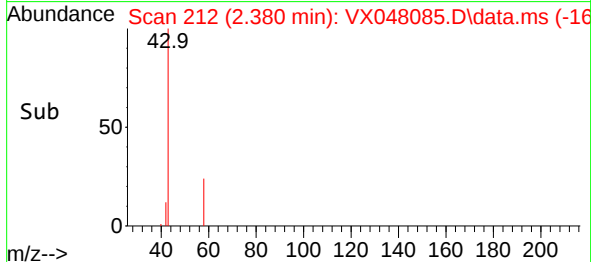
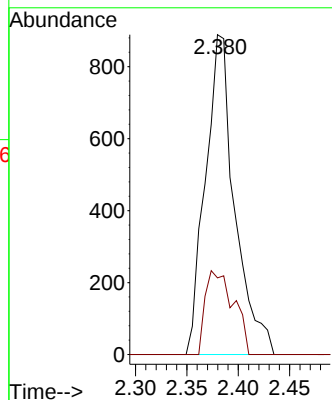
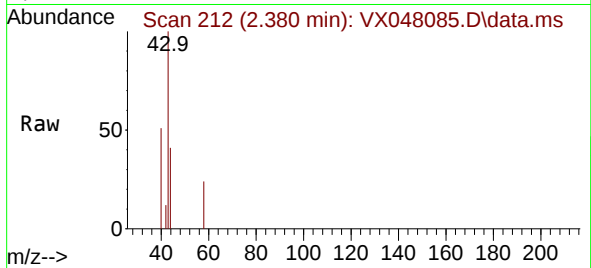




#16
Acetone
Concen: 2.071 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048085.D
Acq: 09 Oct 2025 14:41

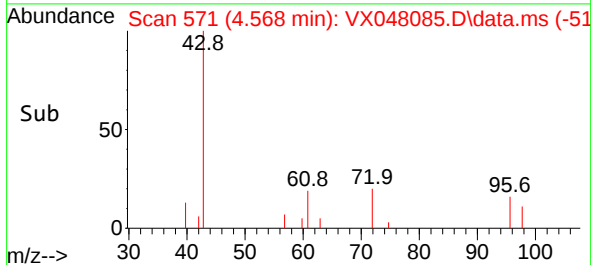
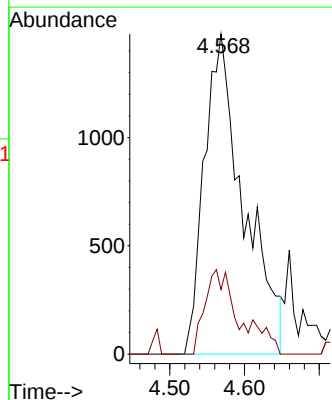
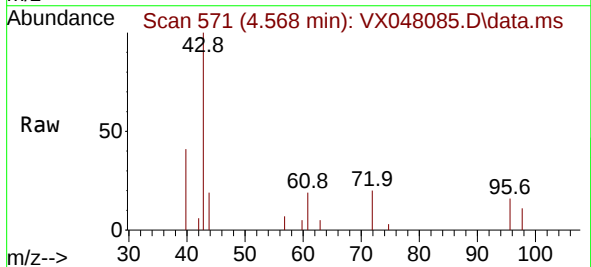
Instrument :
MSVOA_X
ClientSampleId :
MW-101S

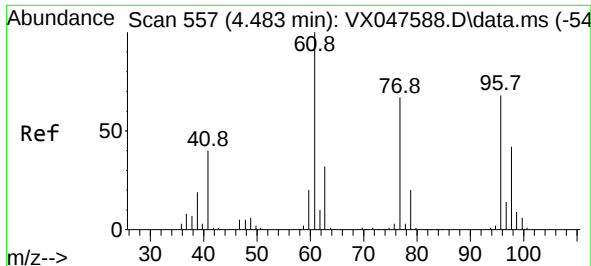
Tgt Ion: 43 Resp: 1763
Ion Ratio Lower Upper
43 100
58 24.0 23.4 35.0



#25
2-Butanone
Concen: 5.100 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.030 min
Lab File: VX048085.D
Acq: 09 Oct 2025 14:41

Tgt Ion: 43 Resp: 5416
Ion Ratio Lower Upper
43 100
72 20.1 20.1 30.1





#27

cis-1,2-Dichloroethene

Concen: 10.568 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX048085.D

Acq: 09 Oct 2025 14:41

Instrument :

MSVOA_X

ClientSampleId :

MW-101S

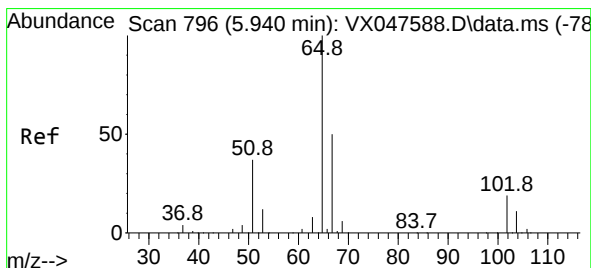
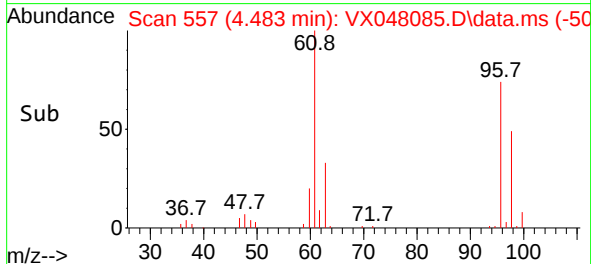
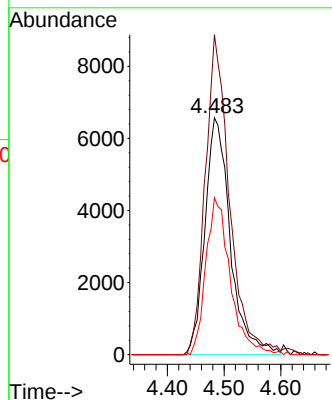
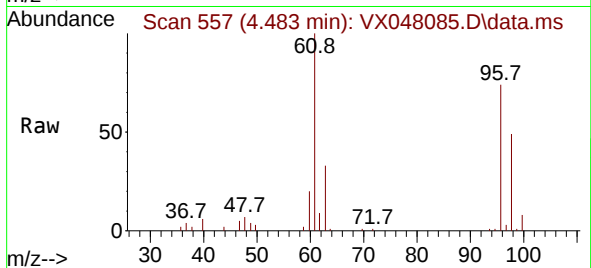
Tgt Ion: 96 Resp: 20366

Ion Ratio Lower Upper

96 100

61 129.5 0.0 303.2

98 64.2 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 55.539 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX048085.D

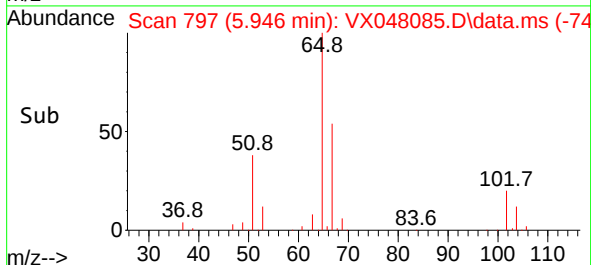
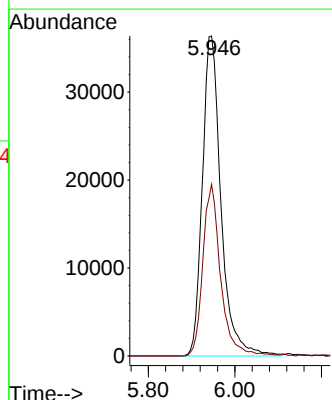
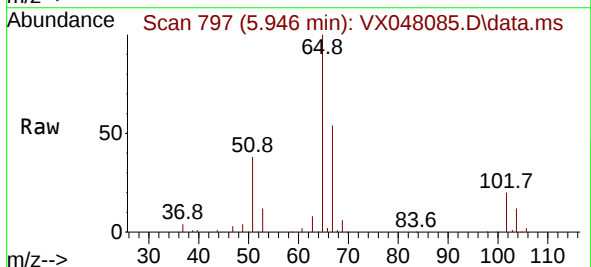
Acq: 09 Oct 2025 14:41

Tgt Ion: 65 Resp: 108754

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.0

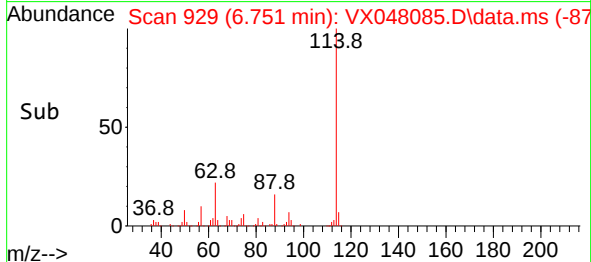
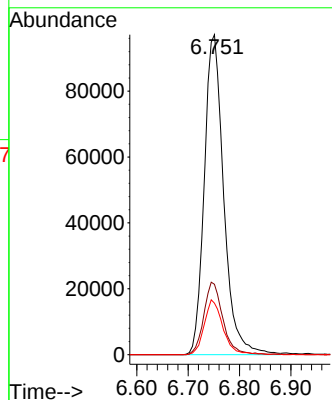
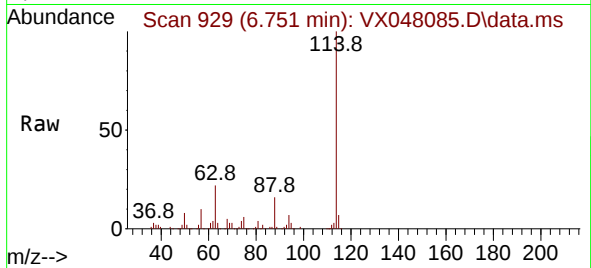




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048085.D
Acq: 09 Oct 2025 14:41

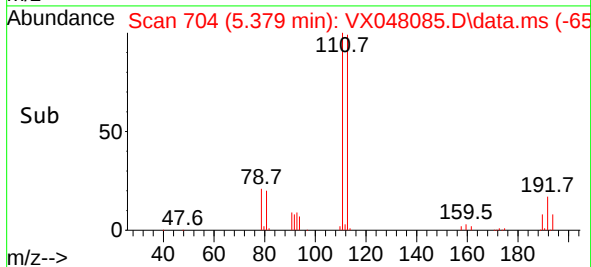
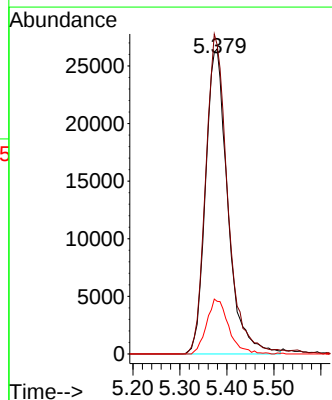
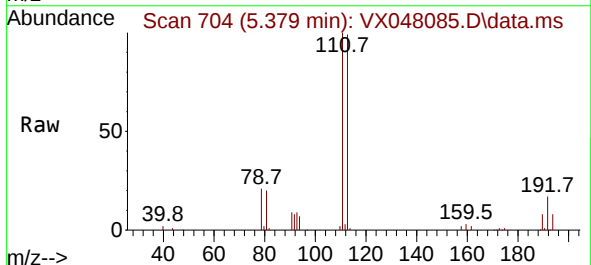
Instrument :
MSVOA_X
ClientSampleId :
MW-101S

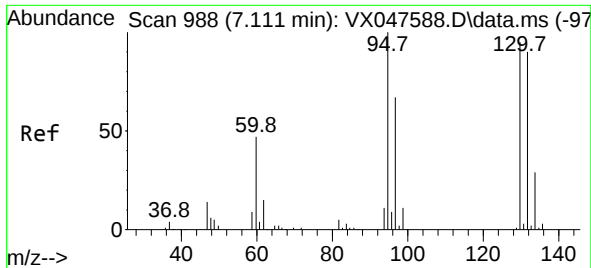
Tgt Ion:114 Resp: 255257
Ion Ratio Lower Upper
114 100
63 22.0 0.0 44.0
88 16.1 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.739 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048085.D
Acq: 09 Oct 2025 14:41

Tgt Ion:113 Resp: 86859
Ion Ratio Lower Upper
113 100
111 104.2 80.9 121.3
192 17.8 14.2 21.4





#44

Trichloroethene

Concen: 8.879 ug/l

RT: 7.117 min Scan# 9

Delta R.T. 0.006 min

Lab File: VX048085.D

Acq: 09 Oct 2025 14:41

Instrument :

MSVOA_X

ClientSampleId :

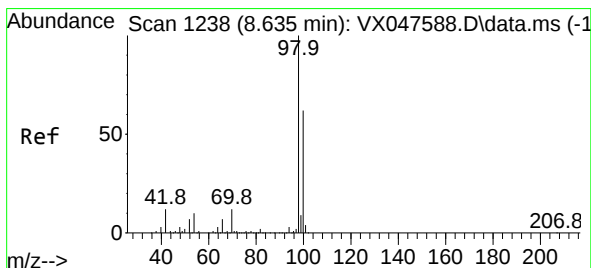
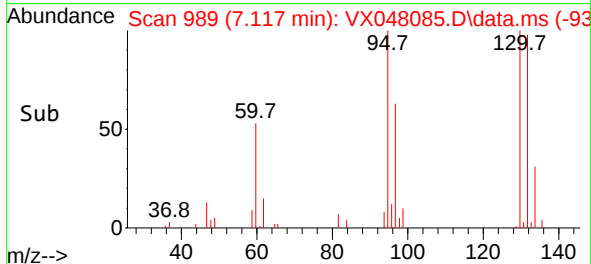
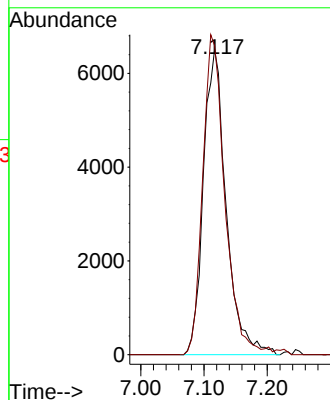
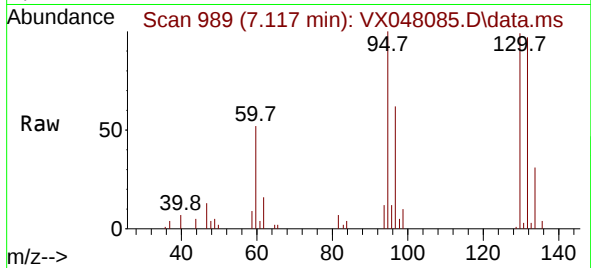
MW-101S

Tgt Ion:130 Resp: 16310

Ion Ratio Lower Upper

130 100

95 101.2 0.0 210.8



#50

Toluene-d8

Concen: 49.640 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VX048085.D

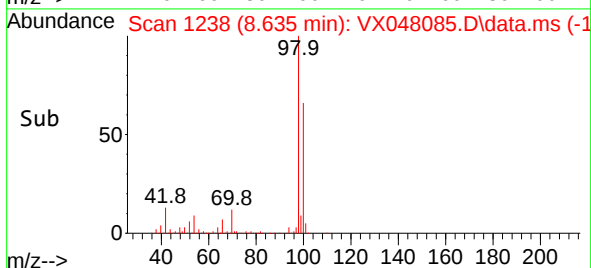
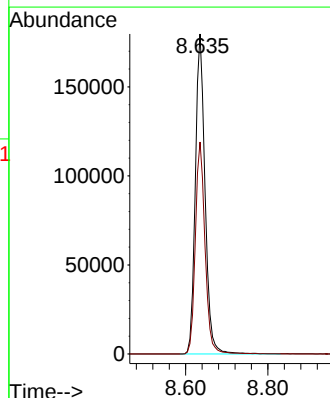
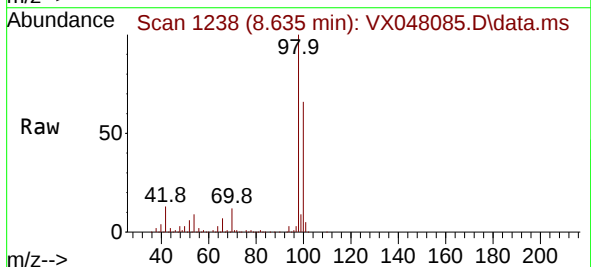
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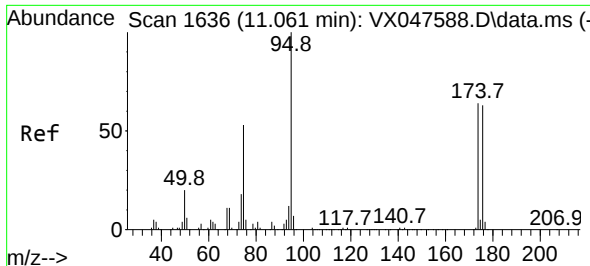
Tgt Ion: 98 Resp: 294044

Ion Ratio Lower Upper

98 100

100 66.3 53.0 79.4

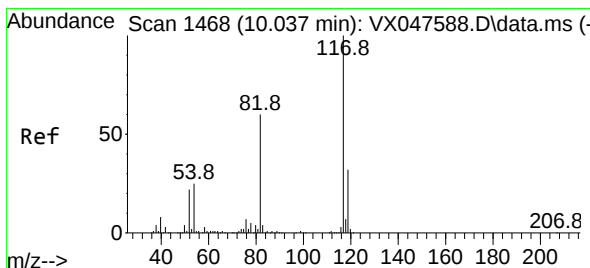
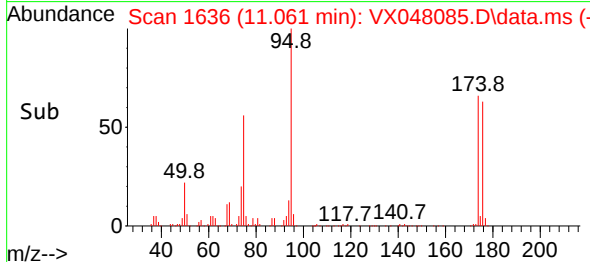
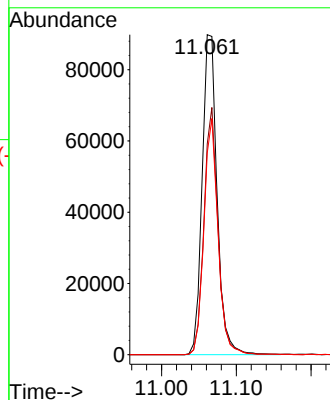
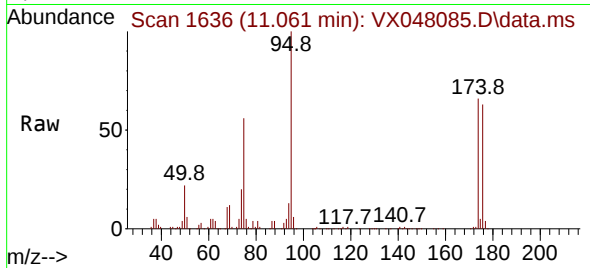




#62
4-Bromofluorobenzene
Concen: 55.476 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX048085.D
Acq: 09 Oct 2025 14:41

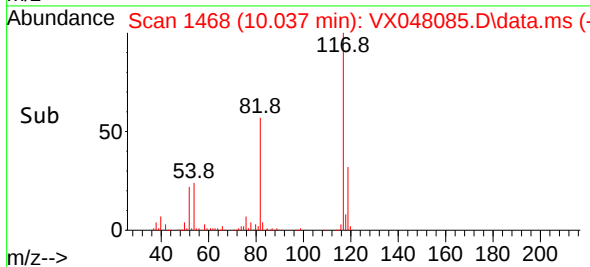
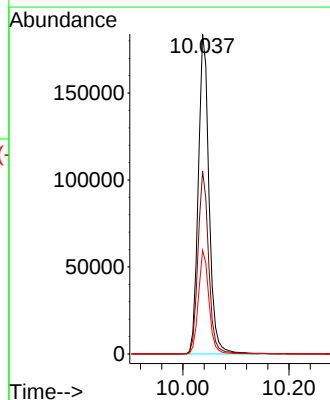
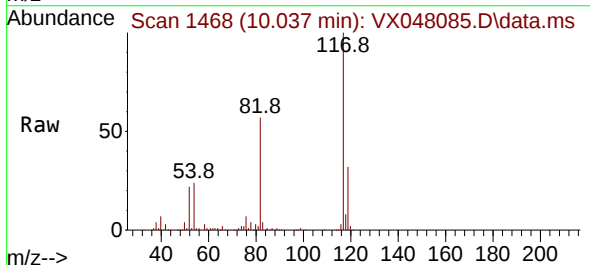
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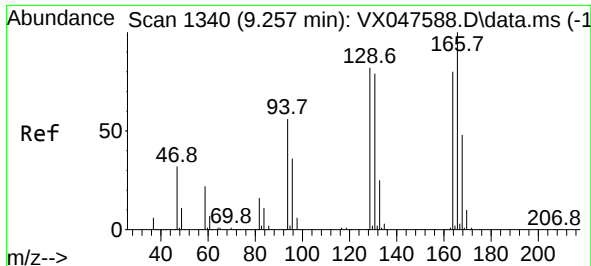
Tgt Ion: 95 Resp: 124713
Ion Ratio Lower Upper
95 100
174 72.8 0.0 141.6
176 69.7 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048085.D
Acq: 09 Oct 2025 14:41

Tgt Ion: 117 Resp: 258974
Ion Ratio Lower Upper
117 100
82 57.2 47.8 71.6
119 32.3 25.2 37.8

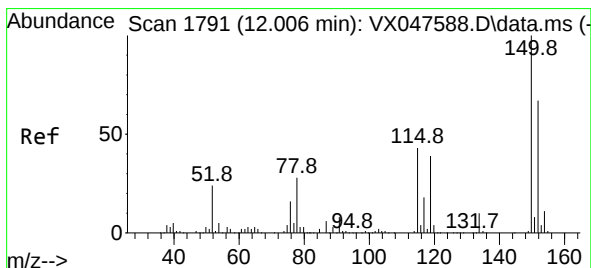
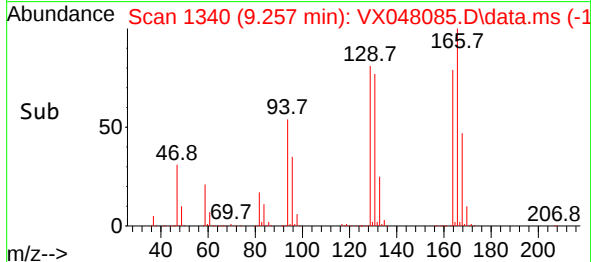
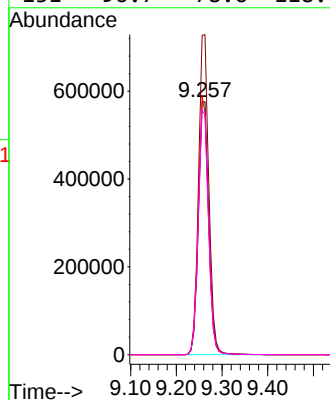
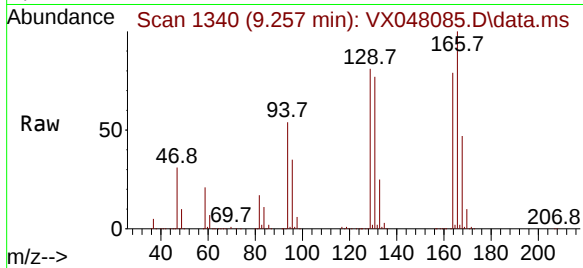




#64
Tetrachloroethene
Concen: 534.613 ug/l
RT: 9.257 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048085.D
Acq: 09 Oct 2025 14:41

Instrument :
MSVOA_X
ClientSampleId :
MW-101S

Tgt Ion:164 Resp: 902554
Ion Ratio Lower Upper
164 100
166 126.3 100.2 150.2
129 101.7 81.8 122.6
131 96.7 78.6 118.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048085.D
Acq: 09 Oct 2025 14:41

Tgt Ion:152 Resp: 132248
Ion Ratio Lower Upper
152 100
115 62.4 44.9 134.5
150 156.0 0.0 352.0

