

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
 Data File : VX048119.D
 Acq On : 10 Oct 2025 17:37
 Operator : JC/MD
 Sample : Q3311-11 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6BA

Quant Time: Oct 10 23:52:52 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)

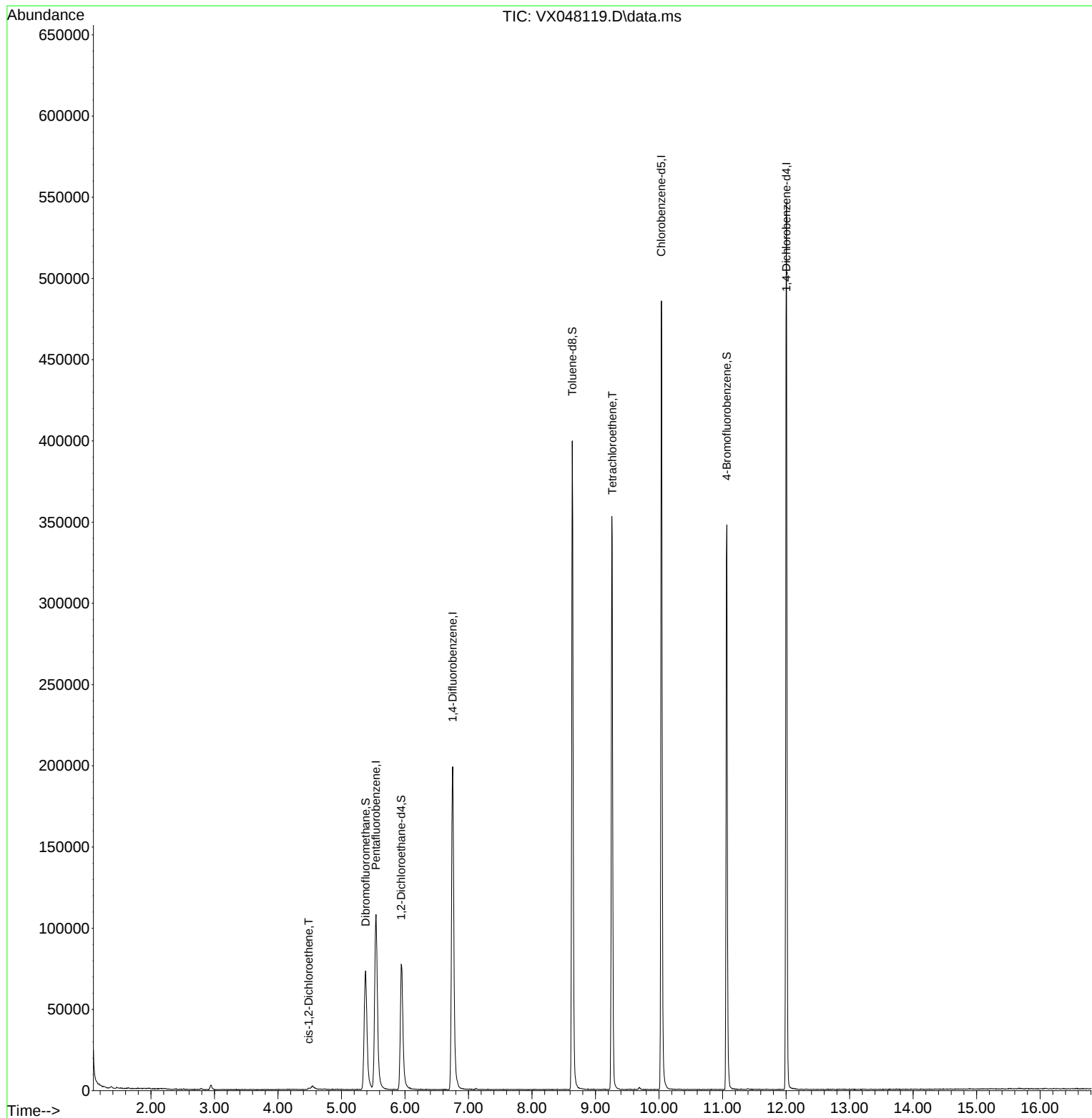
Internal Standards						
1) Pentafluorobenzene	5.544	168	106376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	218035	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	223748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	109569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	84165	49.707	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.420%
35) Dibromofluoromethane	5.379	113	70465	48.189	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.380%
50) Toluene-d8	8.635	98	241021	47.635	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.280%
62) 4-Bromofluorobenzene	11.067	95	101113	52.656	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.320%
Target Compounds						
27) cis-1,2-Dichloroethene	4.483	96	541	0.325	ug/l	77
64) Tetrachloroethene	9.263	164	66891	45.860	ug/l	96

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

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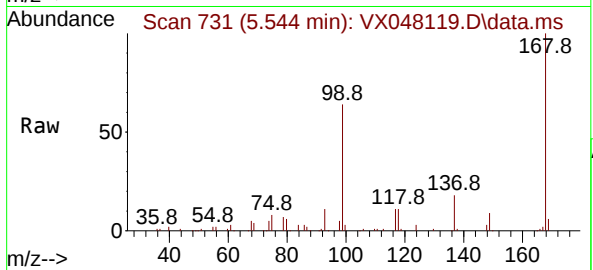
Quant Time: Oct 10 23:52:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



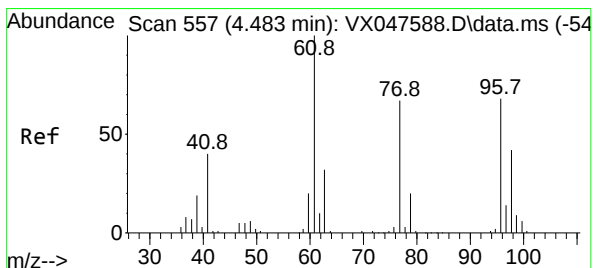
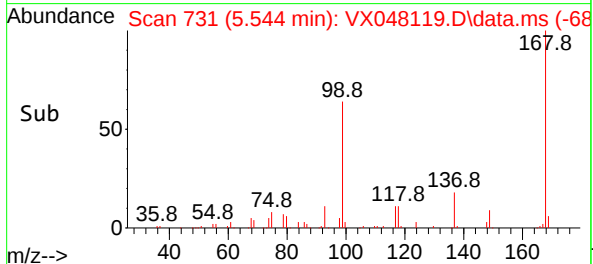
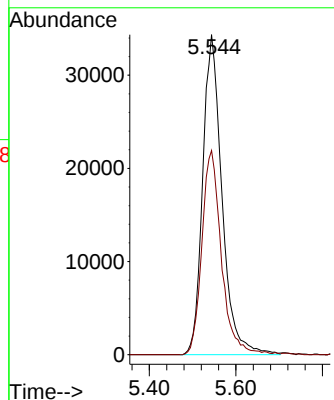


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX048119.D
Acq: 10 Oct 2025 17:37

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MSVOA_X
ClientSampleId :
MW-6BA

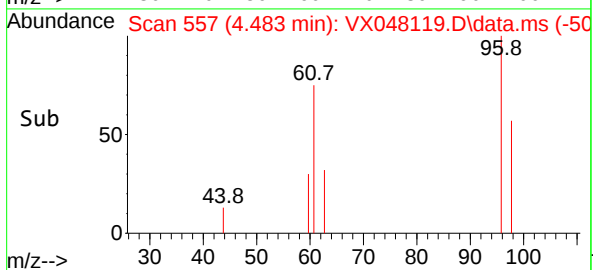
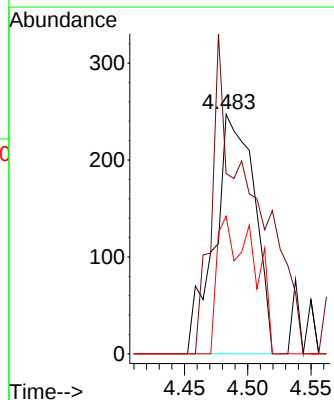
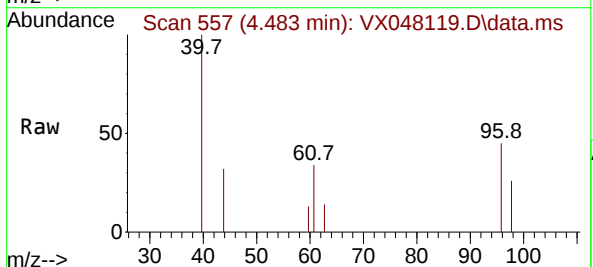


Tgt Ion:168 Resp: 106376
Ion Ratio Lower Upper
168 100
99 63.8 48.8 73.2



#27
cis-1,2-Dichloroethene
Concen: 0.325 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX048119.D
Acq: 10 Oct 2025 17:37

Tgt Ion: 96 Resp: 541
Ion Ratio Lower Upper
96 100
61 132.9 0.0 303.2
98 31.6 0.0 127.8





#33

1,2-Dichloroethane-d4

Concen: 49.707 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048119.D

Acq: 10 Oct 2025 17:37

Instrument :

MSVOA_X

ClientSampleId :

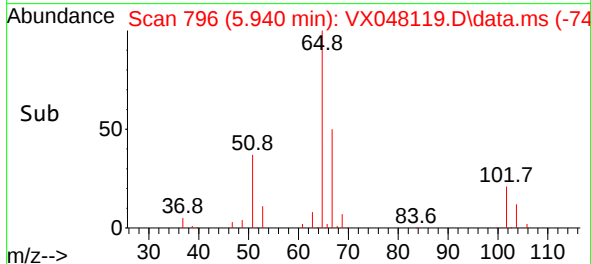
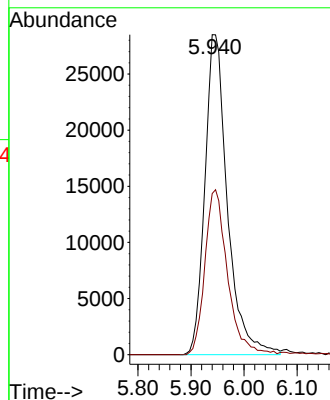
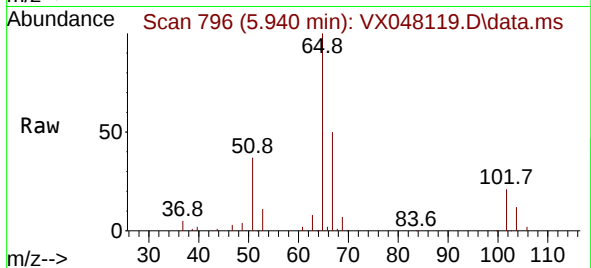
MW-6BA

Tgt Ion: 65 Resp: 84165

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048119.D

Acq: 10 Oct 2025 17:37

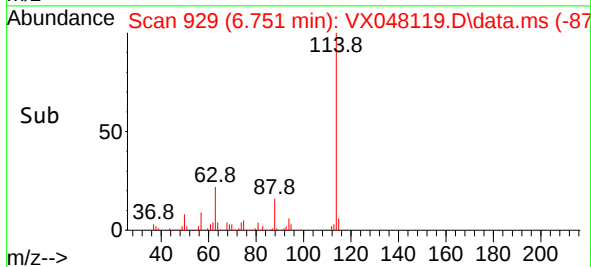
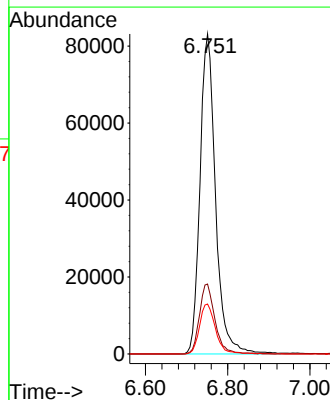
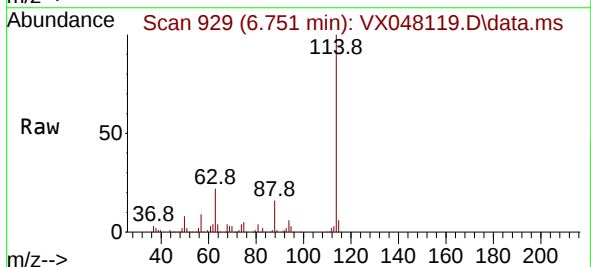
Tgt Ion: 114 Resp: 218035

Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.0

88 15.6 0.0 34.2

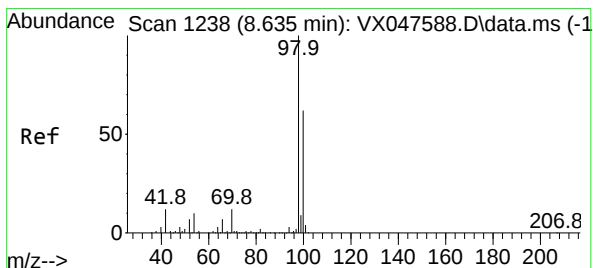
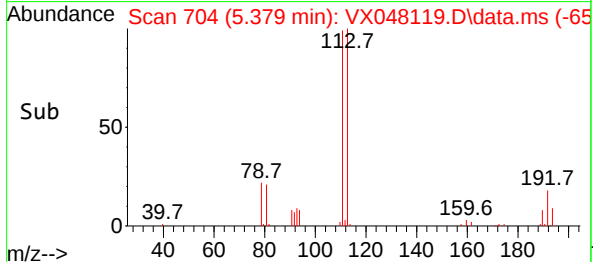
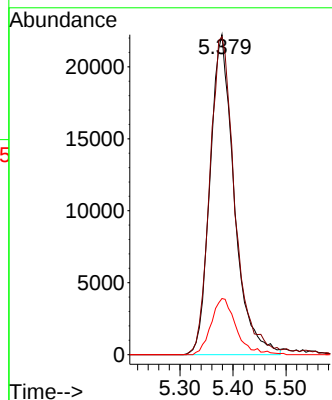
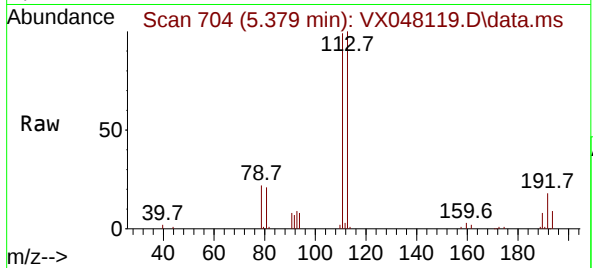




#35
Dibromofluoromethane
Concen: 48.189 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048119.D
Acq: 10 Oct 2025 17:37

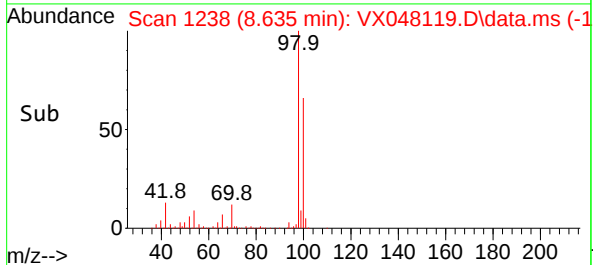
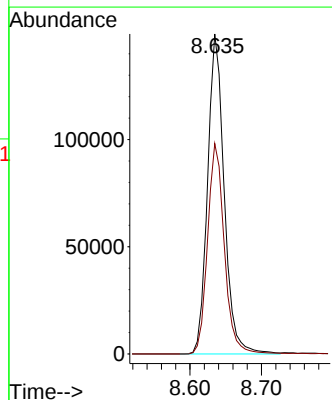
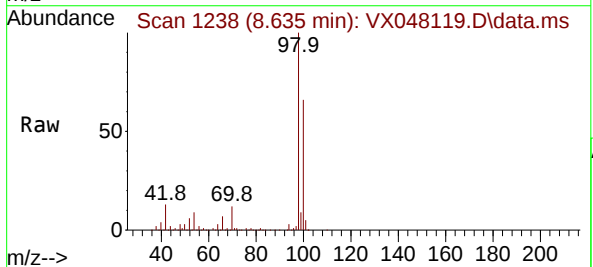
Instrument :
MSVOA_X
ClientSampleId :
MW-6BA

Tgt Ion:113 Resp: 70465
Ion Ratio Lower Upper
113 100
111 103.1 80.9 121.3
192 18.3 14.2 21.4



#50
Toluene-d8
Concen: 47.635 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048119.D
Acq: 10 Oct 2025 17:37

Tgt Ion: 98 Resp: 241021
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4

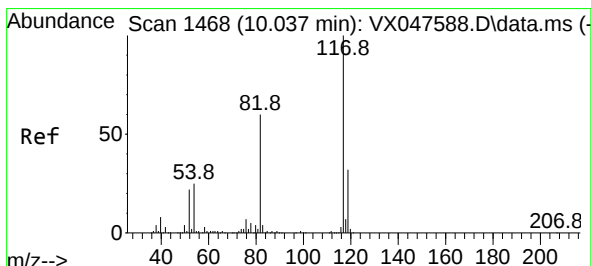
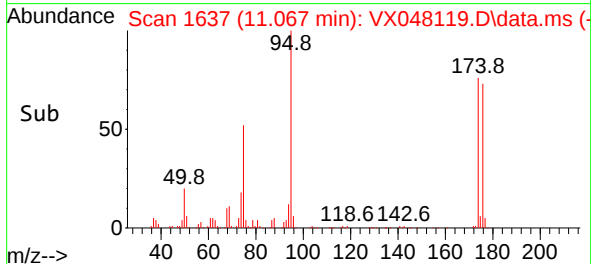
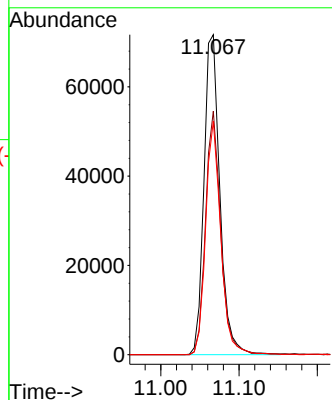
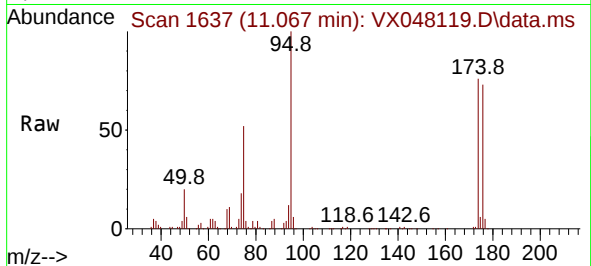




#62
4-Bromofluorobenzene
Concen: 52.656 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048119.D
Acq: 10 Oct 2025 17:37

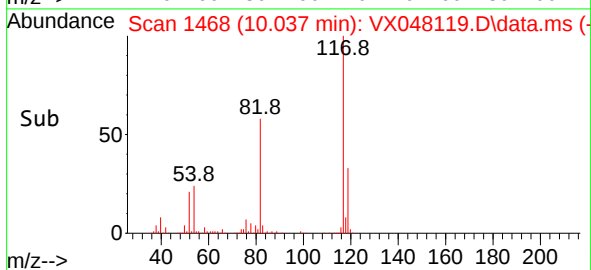
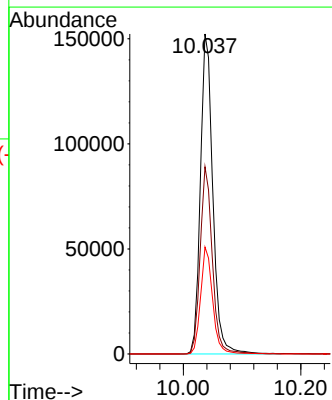
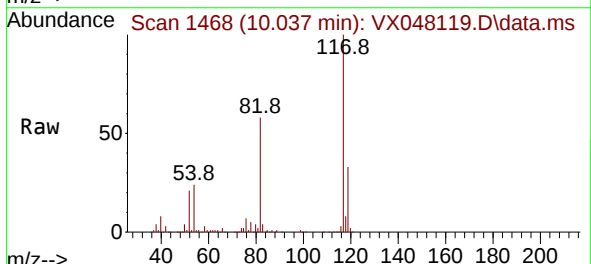
Instrument :
MSVOA_X
ClientSampleId :
MW-6BA

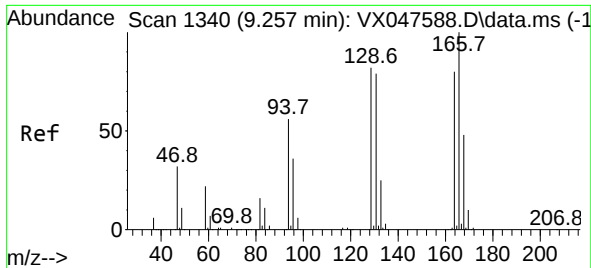
Tgt Ion: 95 Resp: 101113
Ion Ratio Lower Upper
95 100
174 73.0 0.0 141.6
176 69.4 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048119.D
Acq: 10 Oct 2025 17:37

Tgt Ion: 117 Resp: 223748
Ion Ratio Lower Upper
117 100
82 58.5 47.8 71.6
119 33.4 25.2 37.8

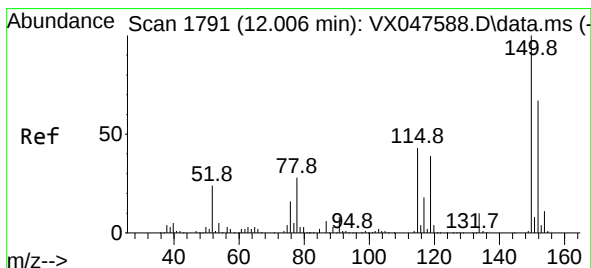
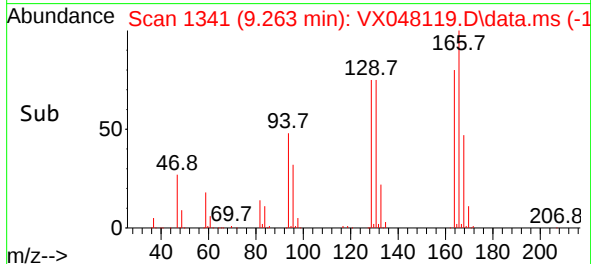
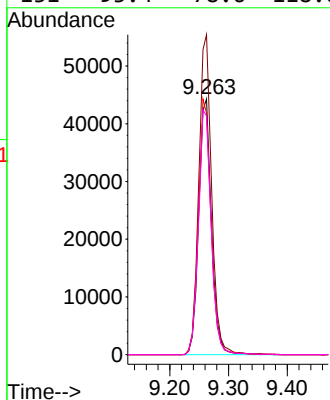
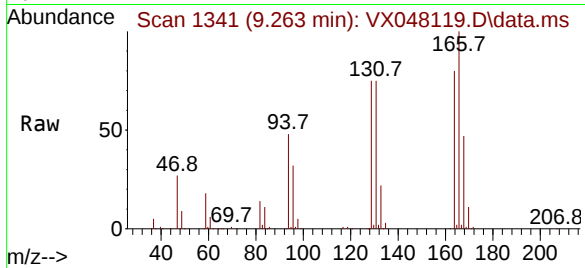




#64
Tetrachloroethene
Concen: 45.860 ug/l
RT: 9.263 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048119.D
Acq: 10 Oct 2025 17:37

Instrument :
MSVOA_X
ClientSampleId :
MW-6BA

Tgt Ion:164 Resp: 66891
Ion Ratio Lower Upper
164 100
166 125.2 100.2 150.2
129 94.4 81.8 122.6
131 93.4 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: VX048119.D
Acq: 10 Oct 2025 17:37

Tgt Ion:152 Resp: 109569
Ion Ratio Lower Upper
152 100
115 62.0 44.9 134.5
150 158.5 0.0 352.0

