

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120825\
 Data File : VX048750.D
 Acq On : 08 Dec 2025 13:35
 Operator : JC/MD
 Sample : Q3787-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15B-42.5-120425MS

Quant Time: Dec 09 04:09:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120425W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 03:27:34 2025
 Response via : Initial Calibration

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

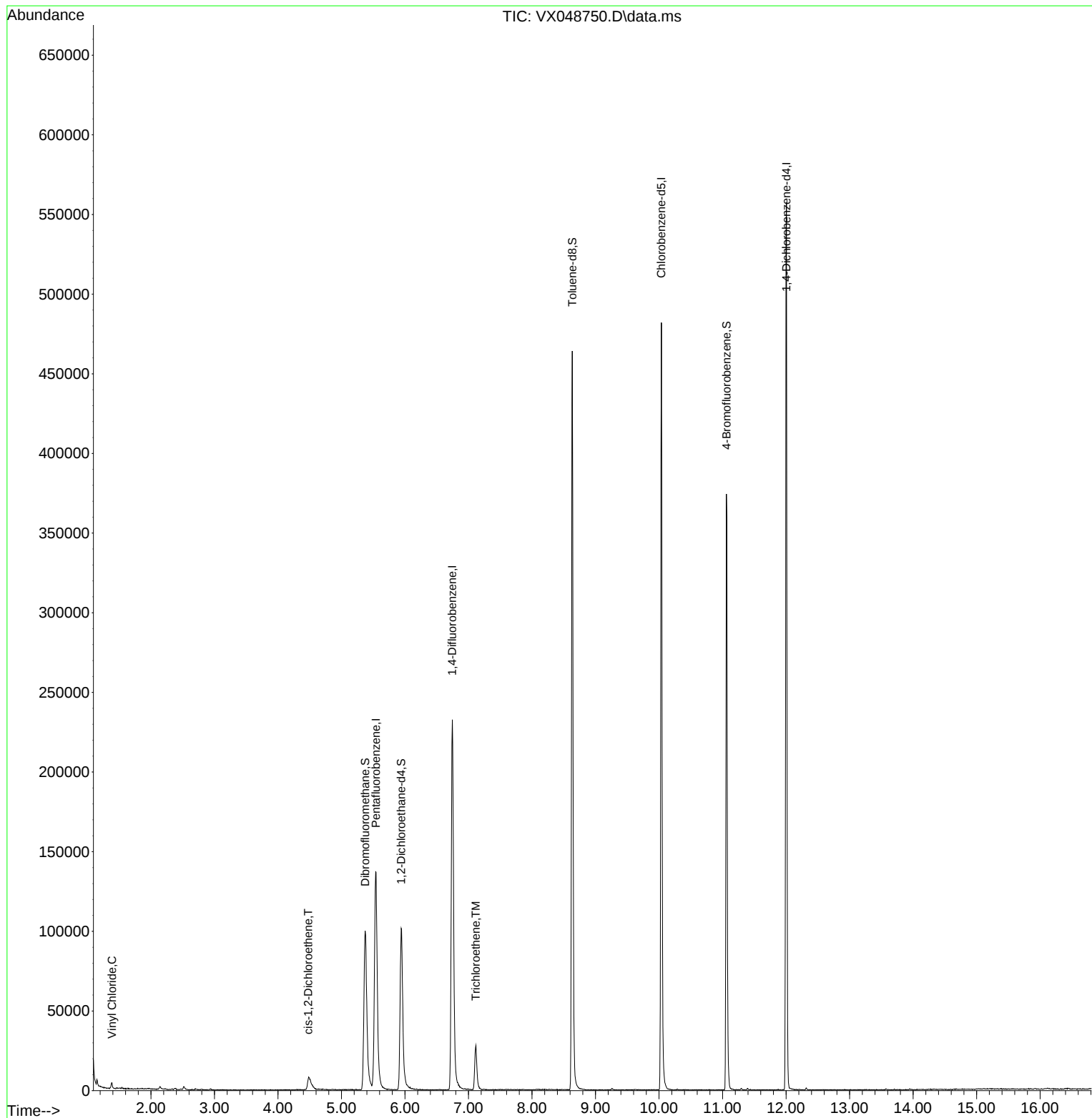
Internal Standards						
1) Pentafluorobenzene	5.544	168	137818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	254506	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	219870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	118869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	112523	60.831	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 121.660%#	
35) Dibromofluoromethane	5.373	113	100776	57.508	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 115.020%	
50) Toluene-d8	8.635	98	284538	46.322	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 92.640%	
62) 4-Bromofluorobenzene	11.061	95	99977	47.200	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.400%	
Target Compounds						Qvalue
4) Vinyl Chloride	1.386	62	2106	1.116	ug/l #	88
27) cis-1,2-Dichloroethene	4.477	96	5959	3.233	ug/l	95
44) Trichloroethene	7.117	130	12005	6.466	ug/l	99

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

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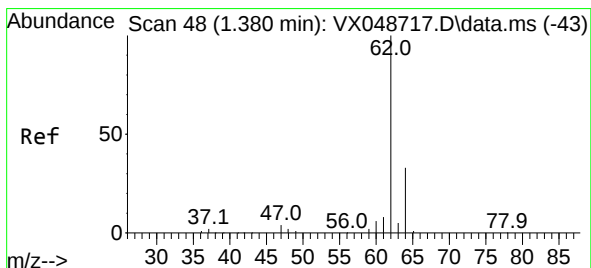
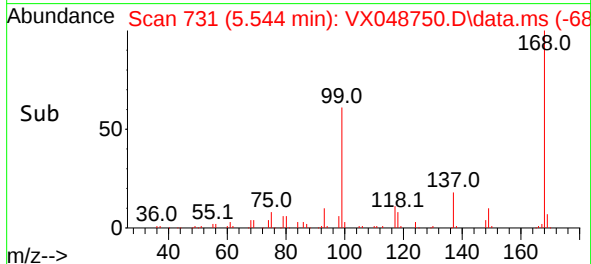
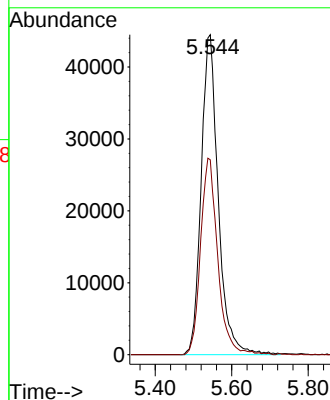
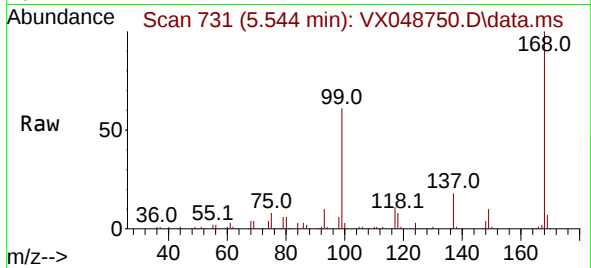




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048750.D
Acq: 08 Dec 2025 13:35

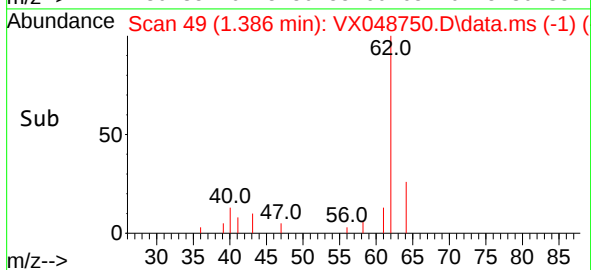
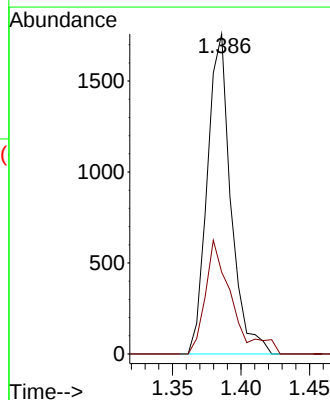
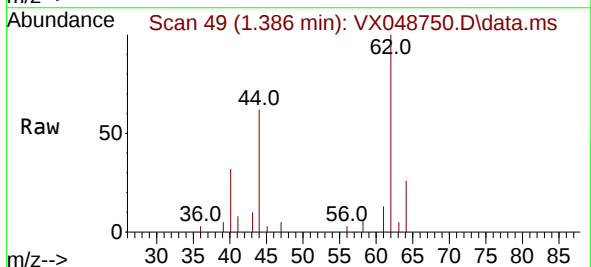
Instrument :
MSVOA_X
ClientSampleId :
MW-15B-42.5-120425MS

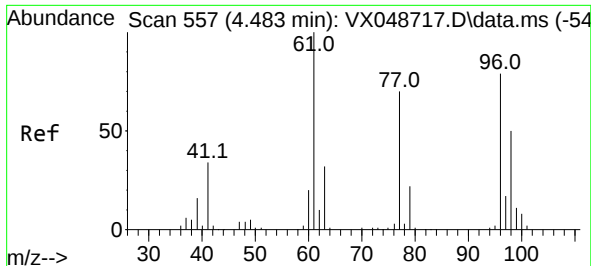
Tgt Ion:168 Resp: 137818
Ion Ratio Lower Upper
168 100
99 60.9 44.2 66.4



#4
Vinyl Chloride
Concen: 1.116 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.006 min
Lab File: VX048750.D
Acq: 08 Dec 2025 13:35

Tgt Ion: 62 Resp: 2106
Ion Ratio Lower Upper
62 100
64 25.6 26.0 39.0#





#27

cis-1,2-Dichloroethene

Concen: 3.233 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX048750.D

Acq: 08 Dec 2025 13:35

Instrument :

MSVOA_X

ClientSampleId :

MW-15B-42.5-120425MS

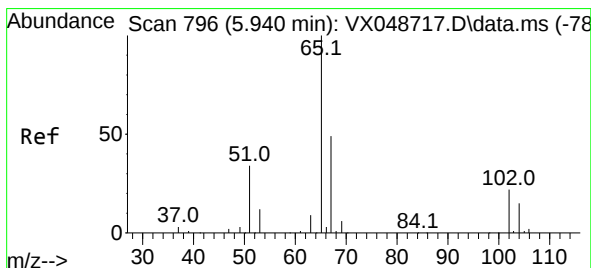
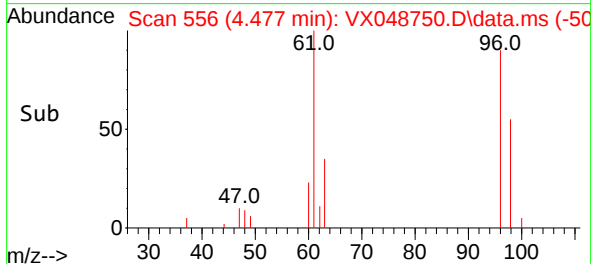
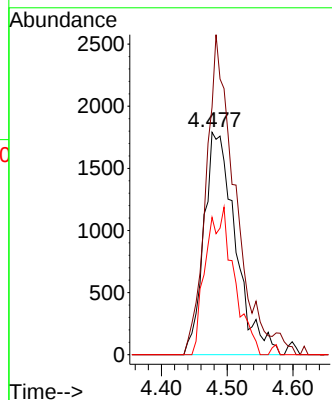
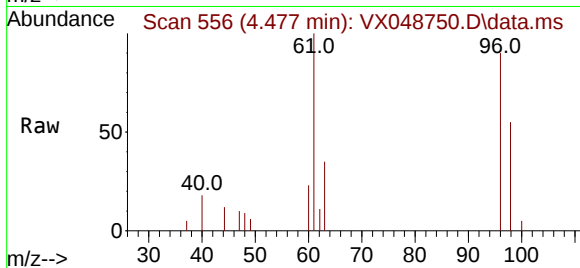
Tgt Ion: 96 Resp: 5959

Ion Ratio Lower Upper

96 100

61 131.0 0.0 271.0

98 59.7 0.0 130.2



#33

1,2-Dichloroethane-d4

Concen: 60.831 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048750.D

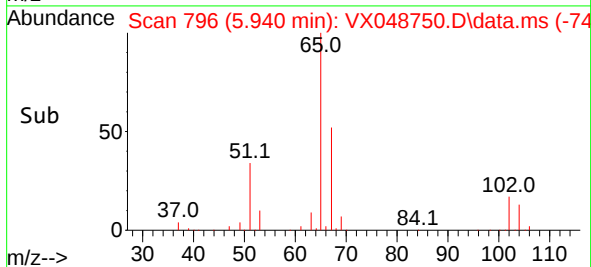
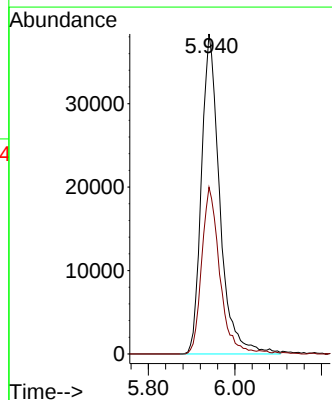
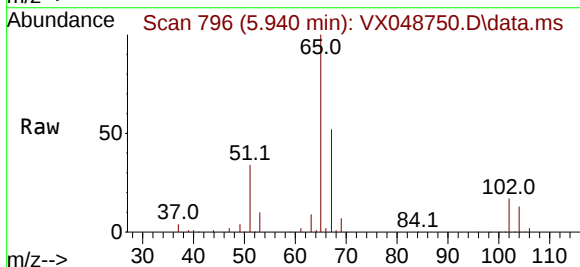
Acq: 08 Dec 2025 13:35

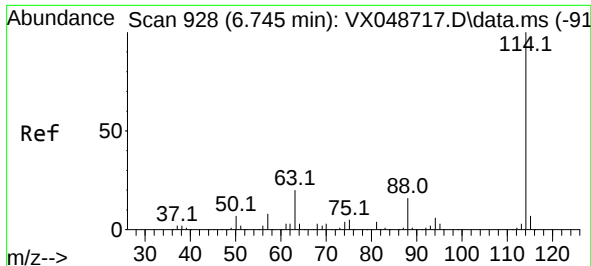
Tgt Ion: 65 Resp: 112523

Ion Ratio Lower Upper

65 100

67 51.1 0.0 107.4

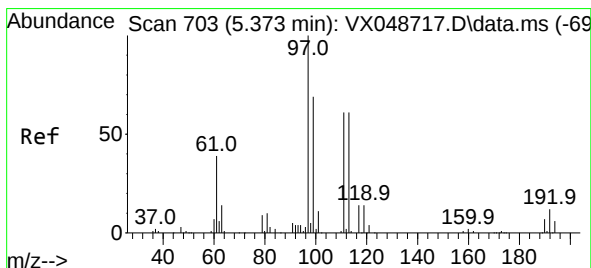
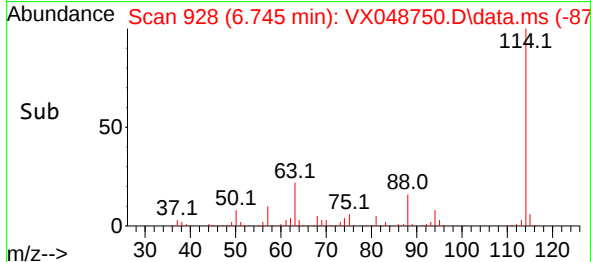
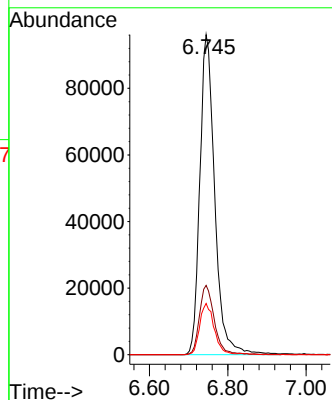
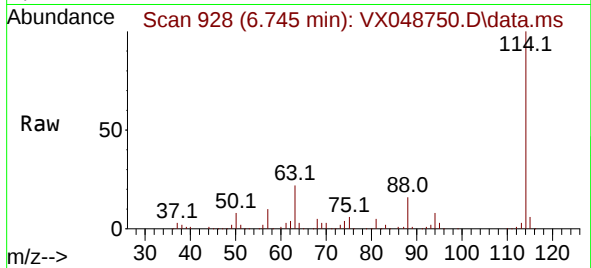




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX048750.D
Acq: 08 Dec 2025 13:35

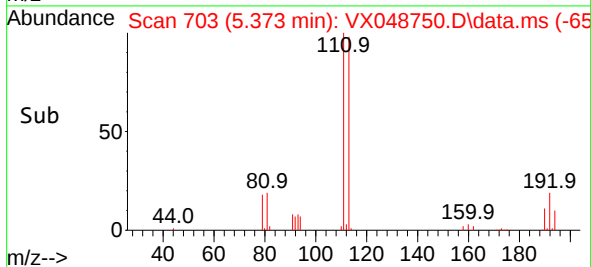
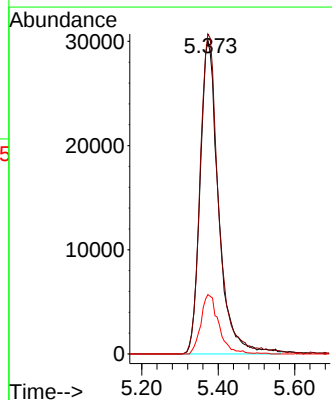
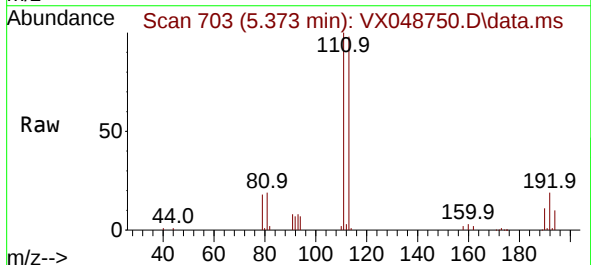
Instrument :
MSVOA_X
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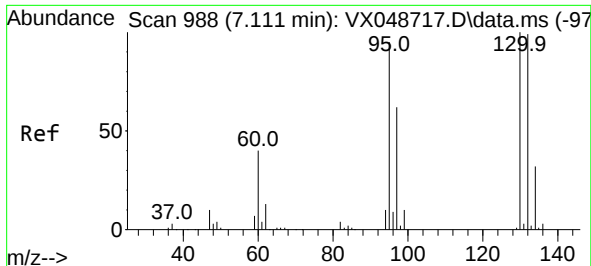
Tgt Ion:114 Resp: 254506
Ion Ratio Lower Upper
114 100
63 21.6 0.0 39.0
88 16.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 57.508 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048750.D
Acq: 08 Dec 2025 13:35

Tgt Ion:113 Resp: 100776
Ion Ratio Lower Upper
113 100
111 101.0 79.5 119.3
192 18.4 16.1 24.1

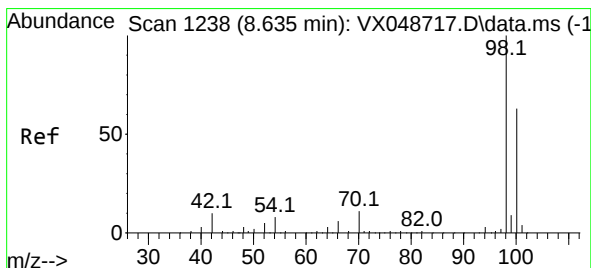
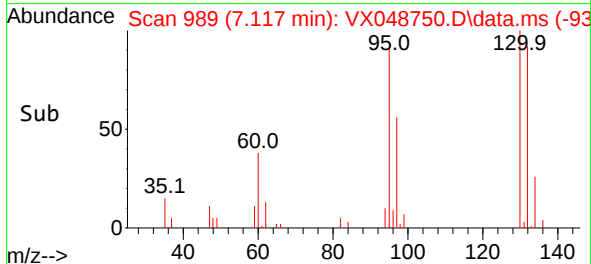
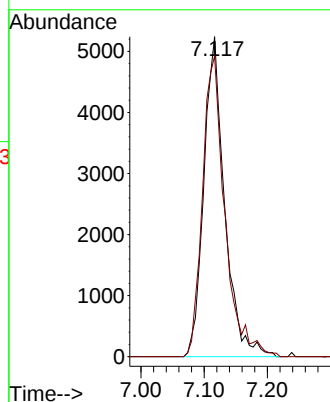
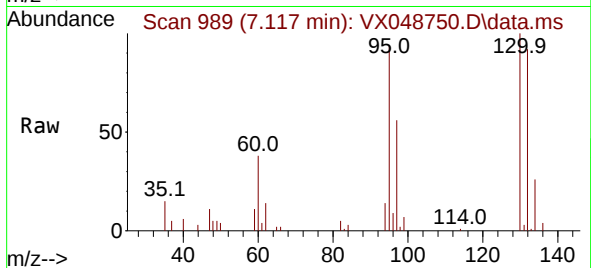




#44
Trichloroethene
Concen: 6.466 ug/l
RT: 7.117 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048750.D
Acq: 08 Dec 2025 13:35

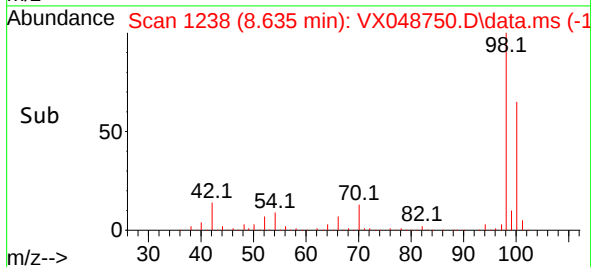
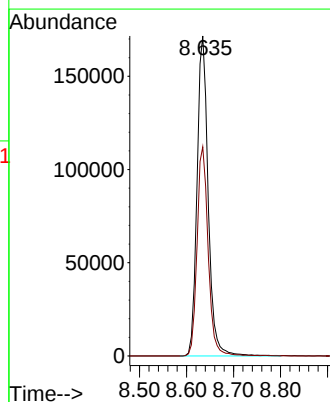
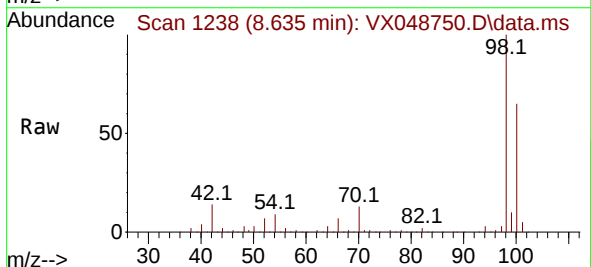
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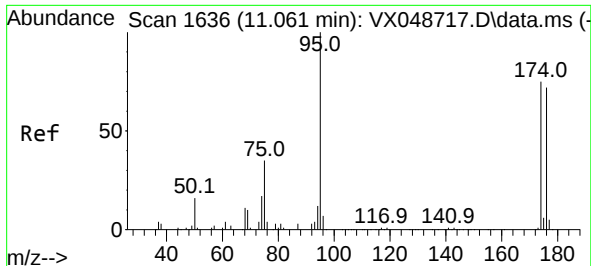
Tgt Ion:130 Resp: 12005
Ion Ratio Lower Upper
130 100
95 94.0 0.0 189.6



#50
Toluene-d8
Concen: 46.322 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048750.D
Acq: 08 Dec 2025 13:35

Tgt Ion: 98 Resp: 284538
Ion Ratio Lower Upper
98 100
100 64.9 53.4 80.0

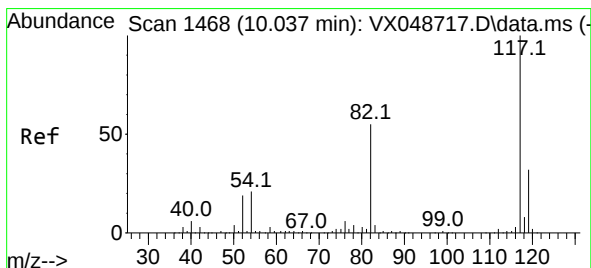
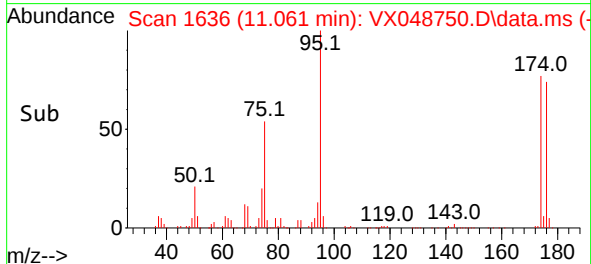
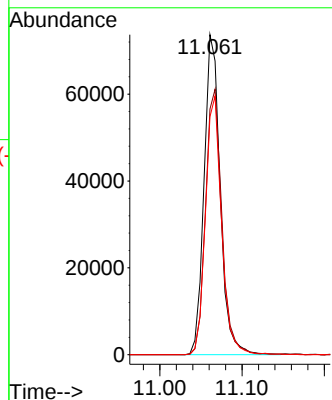
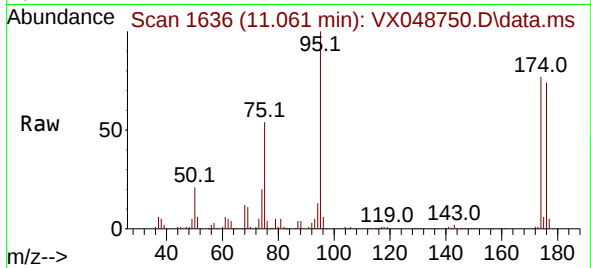




#62
4-Bromofluorobenzene
Concen: 47.200 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048750.D
Acq: 08 Dec 2025 13:35

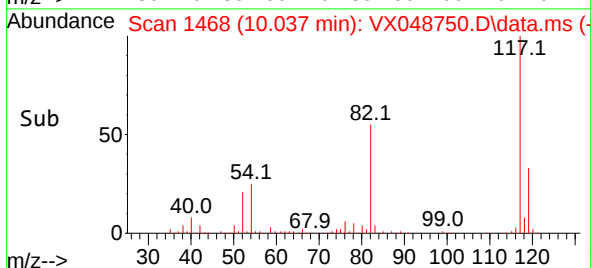
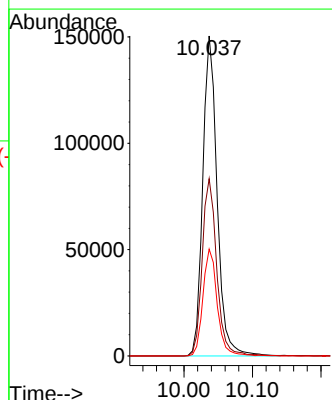
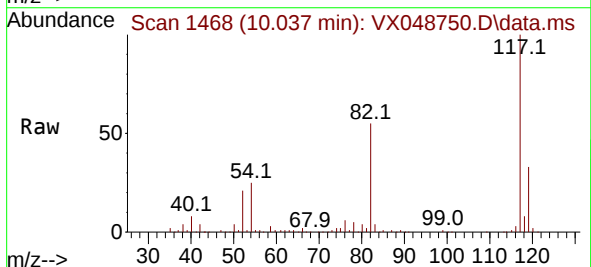
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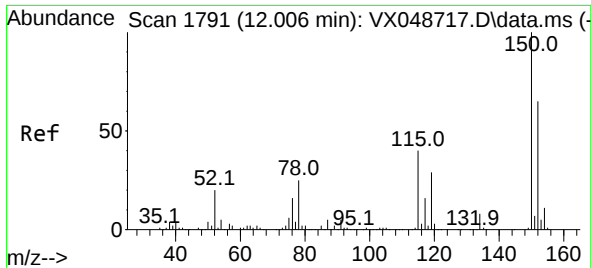
Tgt Ion: 95 Resp: 99977
Ion Ratio Lower Upper
95 100
174 84.8 0.0 157.8
176 81.2 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048750.D
Acq: 08 Dec 2025 13:35

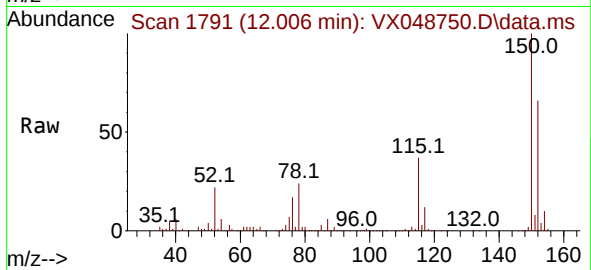
Tgt Ion: 117 Resp: 219870
Ion Ratio Lower Upper
117 100
82 55.4 44.1 66.1
119 33.4 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048750.D
 Acq: 08 Dec 2025 13:35

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15B-42.5-120425MS



Tgt Ion:152 Resp: 118869
 Ion Ratio Lower Upper
 152 100
 115 58.8 42.1 126.4
 150 157.1 0.0 347.8

