

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121625\
 Data File : VX048898.D
 Acq On : 16 Dec 2025 19:31
 Operator : JC/MD
 Sample : Q3849-07DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RMW-02B-67-121125DL

Quant Time: Dec 17 03:28:47 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)

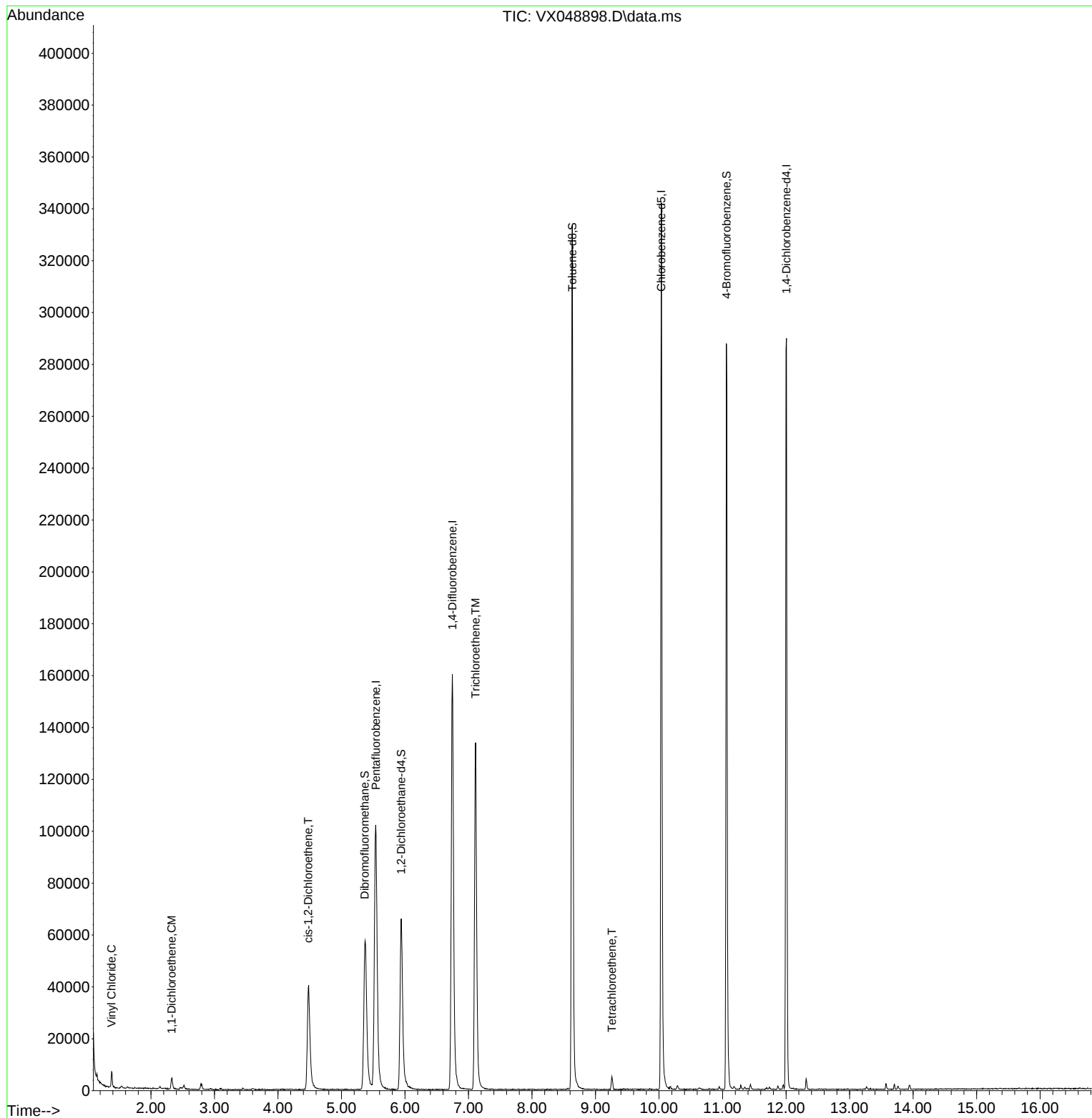
Internal Standards						
1) Pentafluorobenzene	5.544	168	104312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	173358	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	152235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	64003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	71834	41.198	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.400%
35) Dibromofluoromethane	5.367	113	57466	44.598	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.200%
50) Toluene-d8	8.634	98	213862	46.489	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.980%
62) 4-Bromofluorobenzene	11.061	95	78502	47.531	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.060%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.380	62	4360	3.199	ug/l	97
12) 1,1-Dichloroethene	2.325	96	1637	1.503	ug/l	95
27) cis-1,2-Dichloroethene	4.477	96	27698	17.675	ug/l	99
44) Trichloroethene	7.110	130	55525	41.537	ug/l	93
64) Tetrachloroethene	9.256	164	1028	1.050	ug/l #	80

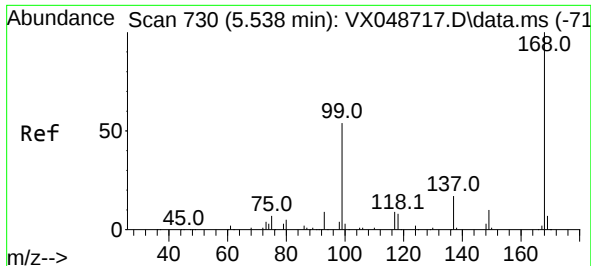
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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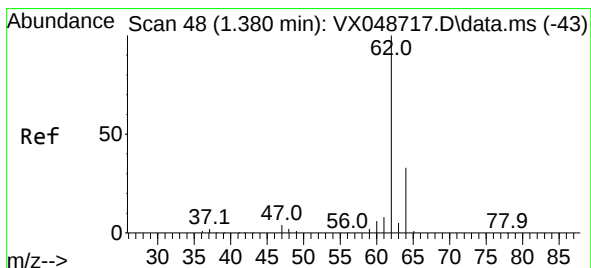
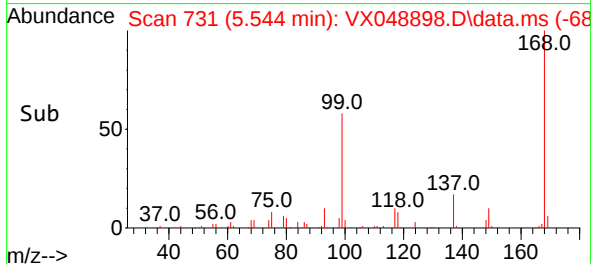
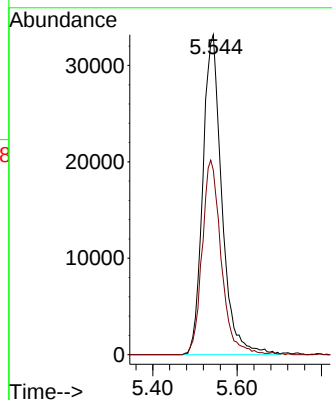
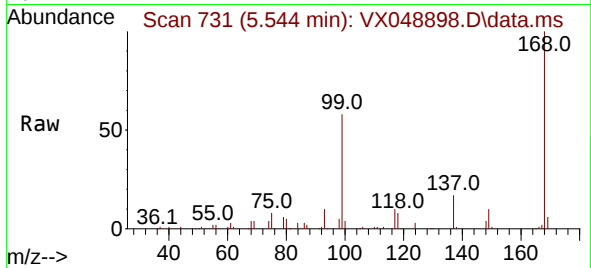




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX048898.D
Acq: 16 Dec 2025 19:31

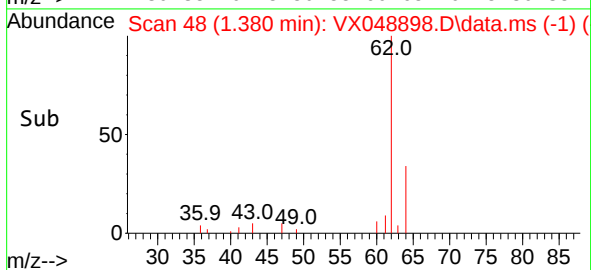
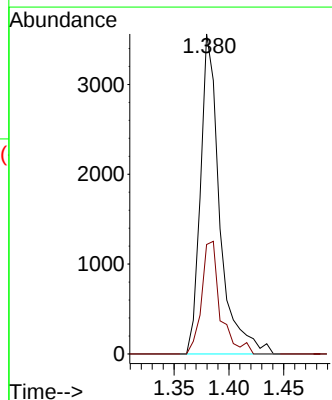
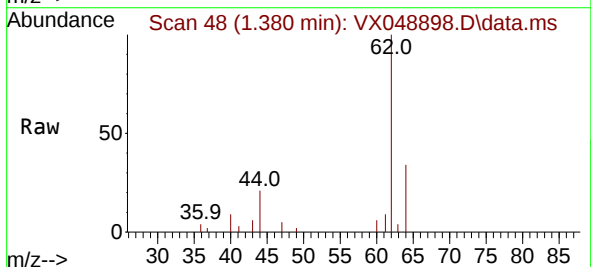
Instrument :
MSVOA_X
ClientSampleId :
RMW-02B-67-121125DL

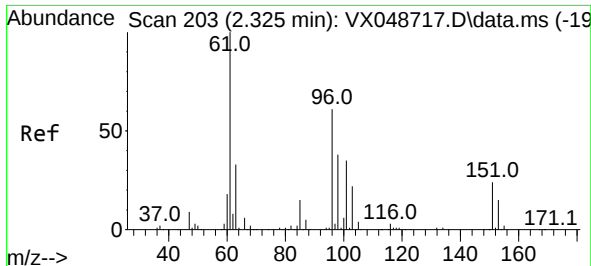
Tgt Ion:168 Resp: 104312
Ion Ratio Lower Upper
168 100
99 57.6 44.2 66.4



#4
Vinyl Chloride
Concen: 3.199 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048898.D
Acq: 16 Dec 2025 19:31

Tgt Ion: 62 Resp: 4360
Ion Ratio Lower Upper
62 100
64 34.2 26.0 39.0





#12

1,1-Dichloroethene

Concen: 1.503 ug/l

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX048898.D

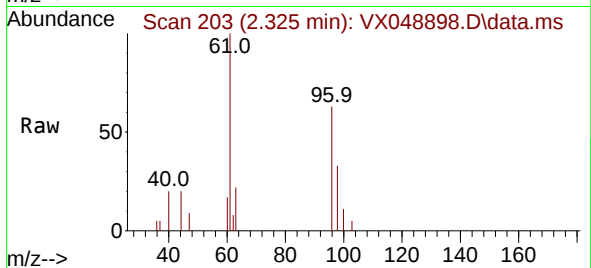
Acq: 16 Dec 2025 19:31

Instrument :

MSVOA_X

ClientSampleId :

RMW-02B-67-121125DL



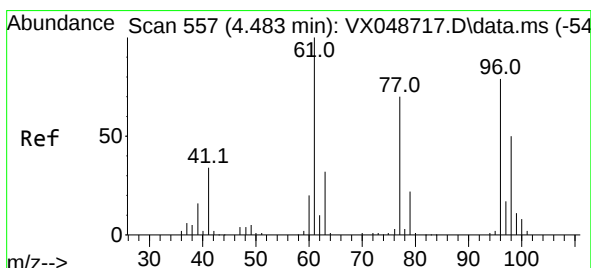
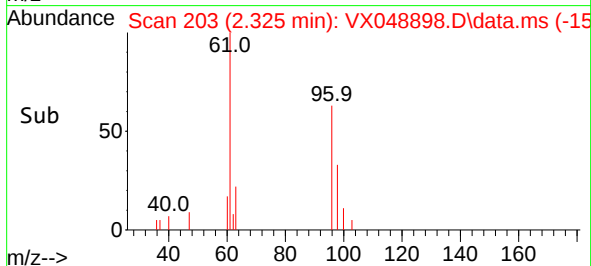
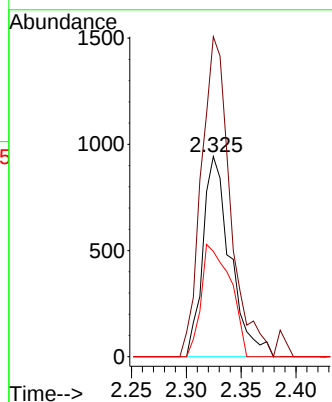
Tgt Ion: 96 Resp: 1637

Ion Ratio Lower Upper

96 100

61 159.8 130.7 196.1

98 52.6 49.8 74.8



#27

cis-1,2-Dichloroethene

Concen: 17.675 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX048898.D

Acq: 16 Dec 2025 19:31

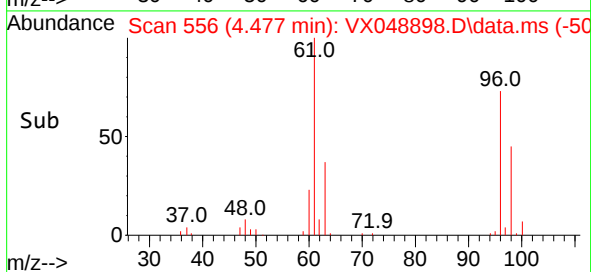
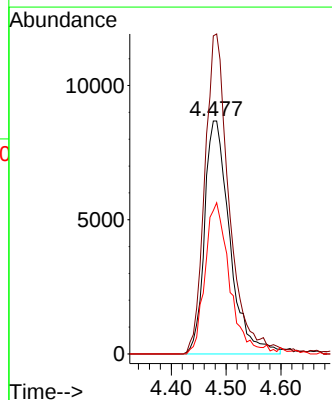
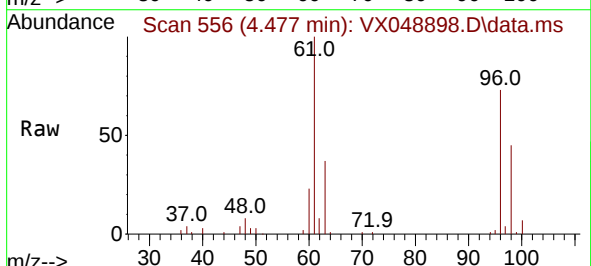
Tgt Ion: 96 Resp: 27698

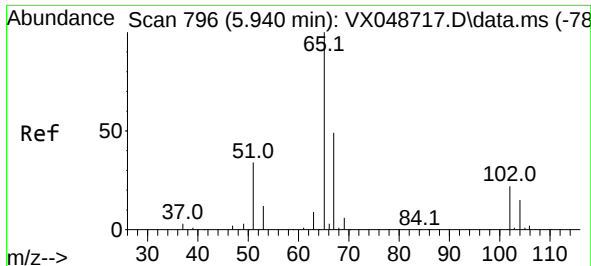
Ion Ratio Lower Upper

96 100

61 134.2 0.0 271.0

98 63.5 0.0 130.2





#33

1,2-Dichloroethane-d4

Concen: 41.198 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048898.D

Acq: 16 Dec 2025 19:31

Instrument :

MSVOA_X

ClientSampleId :

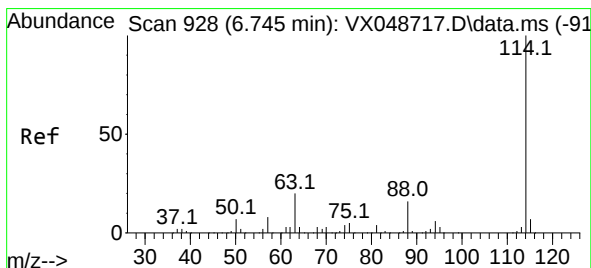
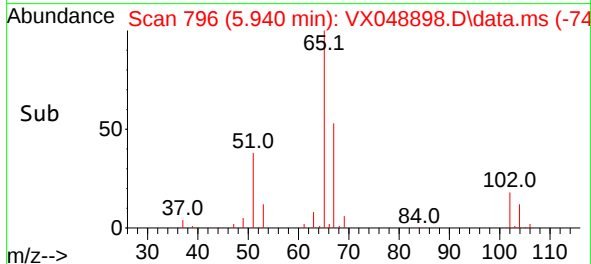
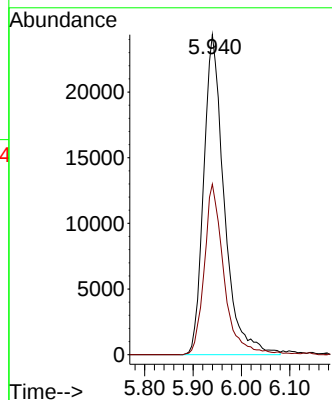
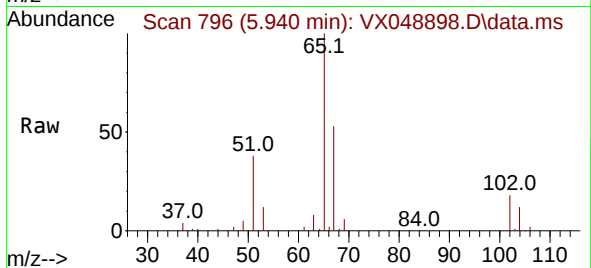
RMW-02B-67-121125DL

Tgt Ion: 65 Resp: 71834

Ion Ratio Lower Upper

65 100

67 51.2 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048898.D

Acq: 16 Dec 2025 19:31

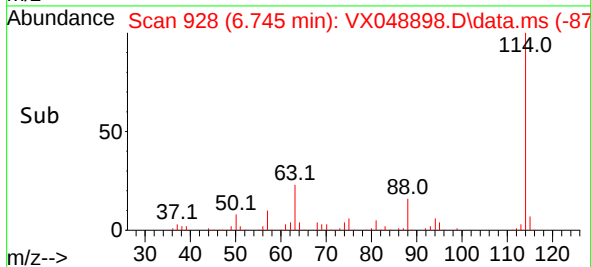
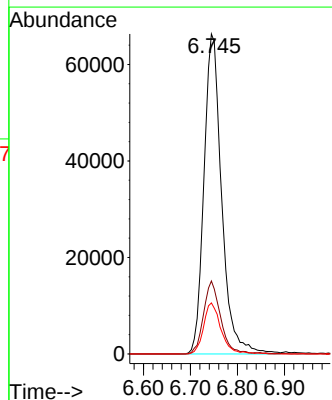
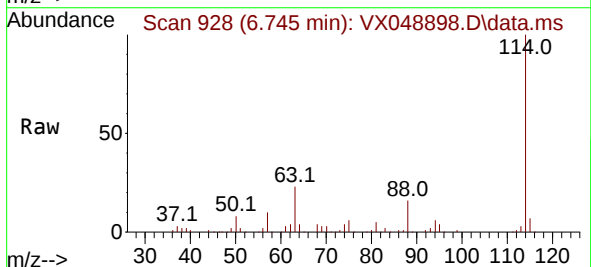
Tgt Ion: 114 Resp: 173358

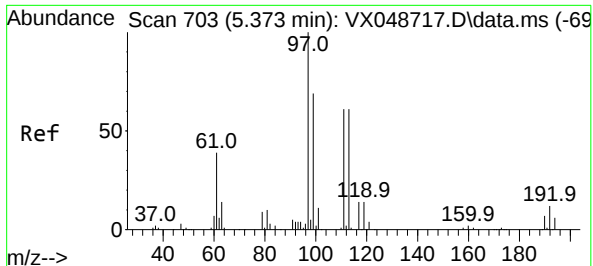
Ion Ratio Lower Upper

114 100

63 22.8 0.0 39.0

88 16.0 0.0 31.8

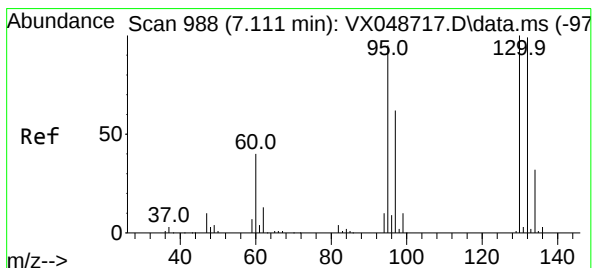
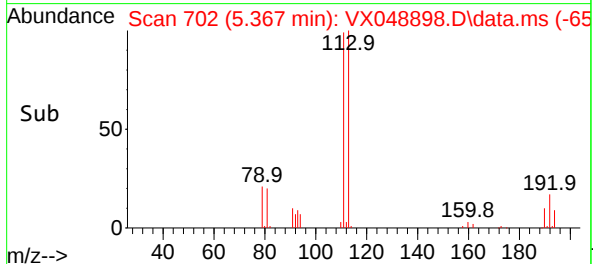
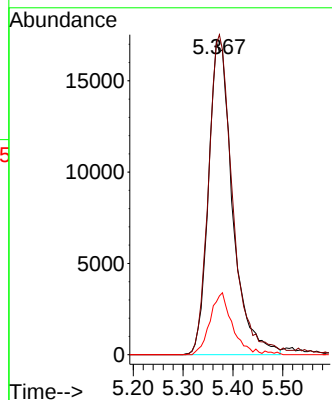
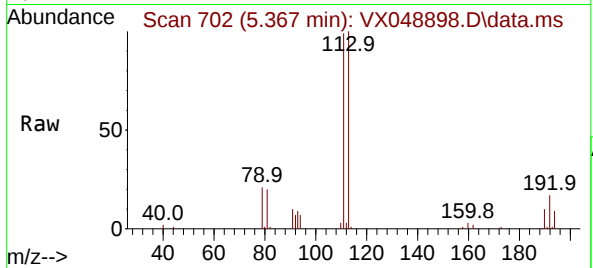




#35
Dibromofluoromethane
Concen: 44.598 ug/l
RT: 5.367 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048898.D
Acq: 16 Dec 2025 19:31

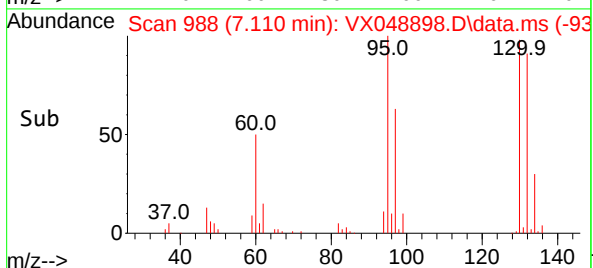
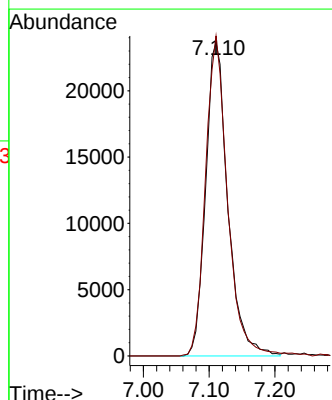
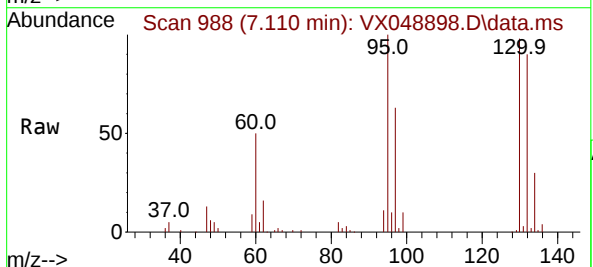
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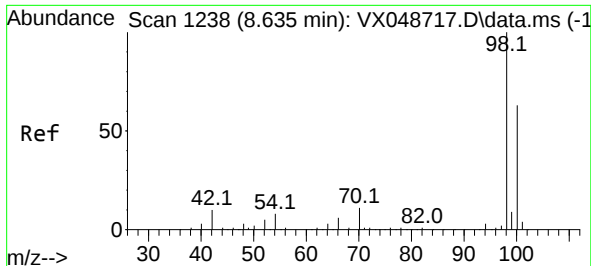
Tgt Ion:113 Resp: 57466
Ion Ratio Lower Upper
113 100
111 102.7 79.5 119.3
192 18.3 16.1 24.1



#44
Trichloroethene
Concen: 41.537 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048898.D
Acq: 16 Dec 2025 19:31

Tgt Ion:130 Resp: 55525
Ion Ratio Lower Upper
130 100
95 102.0 0.0 189.6

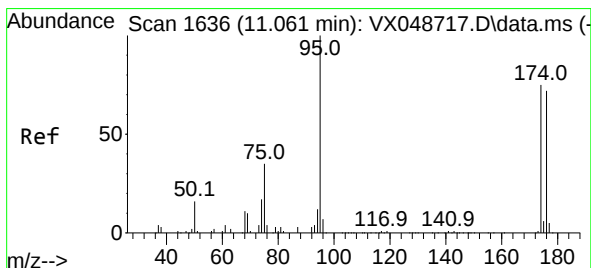
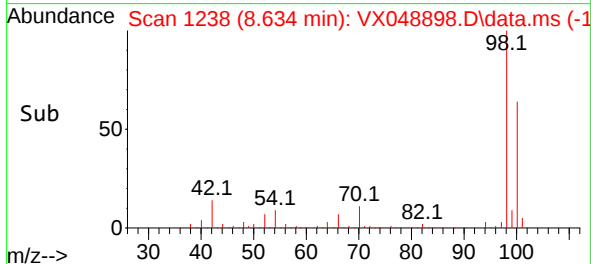
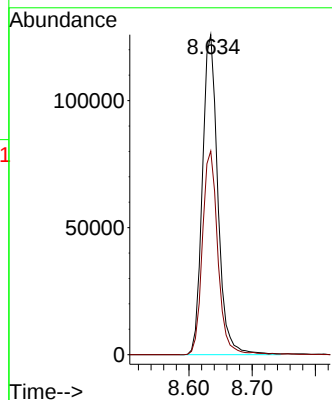
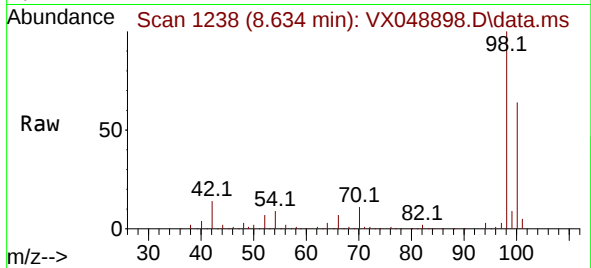




#50
Toluene-d8
Concen: 46.489 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048898.D
Acq: 16 Dec 2025 19:31

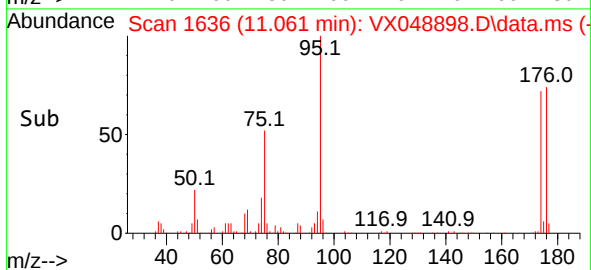
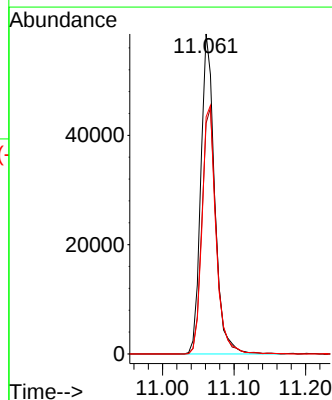
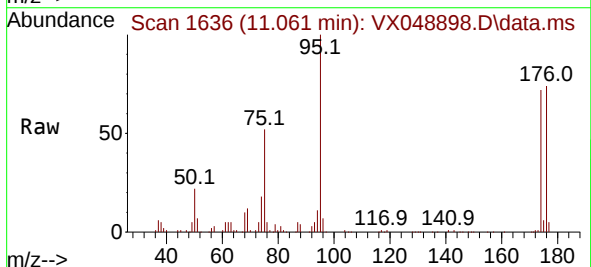
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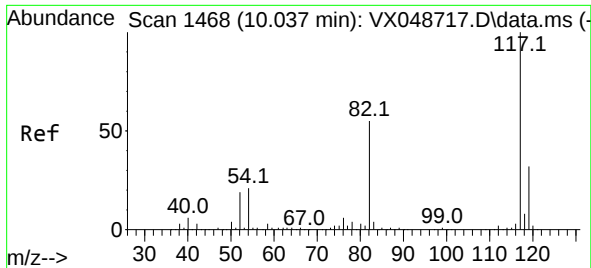
Tgt Ion: 98 Resp: 213862
Ion Ratio Lower Upper
98 100
100 63.8 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 47.531 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048898.D
Acq: 16 Dec 2025 19:31

Tgt Ion: 95 Resp: 78502
Ion Ratio Lower Upper
95 100
174 79.7 0.0 157.8
176 78.5 0.0 154.0

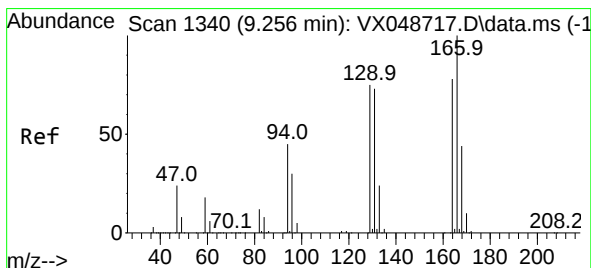
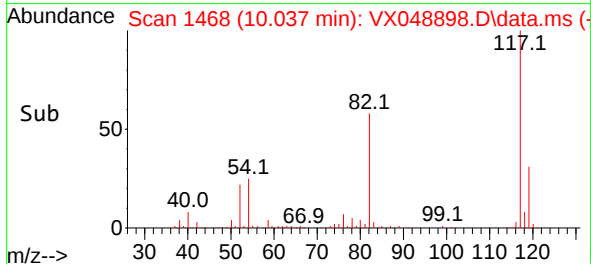
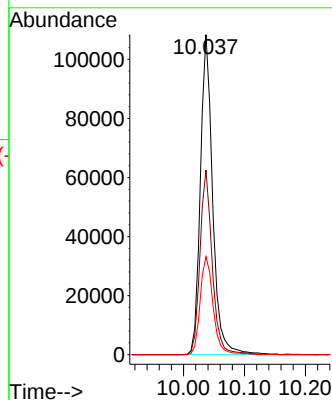
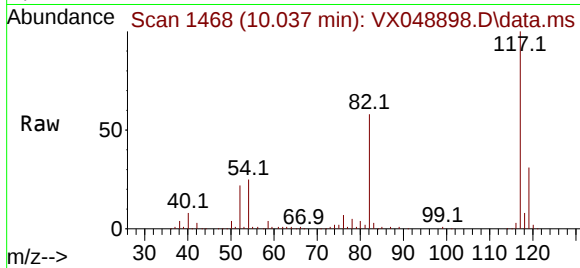




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048898.D
Acq: 16 Dec 2025 19:31

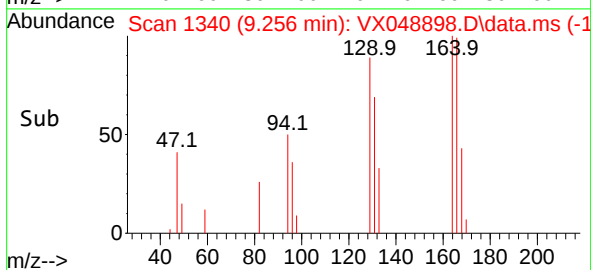
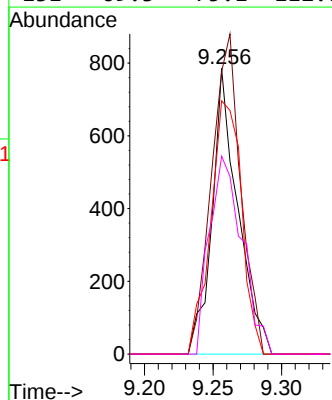
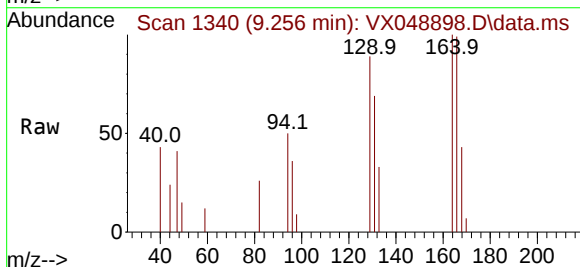
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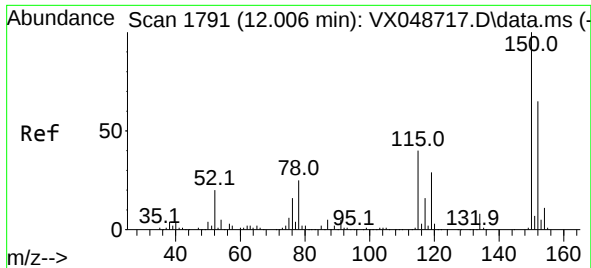
Tgt Ion:117 Resp: 152235
Ion Ratio Lower Upper
117 100
82 57.7 44.1 66.1
119 30.7 25.2 37.8



#64
Tetrachloroethene
Concen: 1.050 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048898.D
Acq: 16 Dec 2025 19:31

Tgt Ion:164 Resp: 1028
Ion Ratio Lower Upper
164 100
166 98.9 103.1 154.7#
129 88.7 76.9 115.3
131 69.3 75.1 112.7#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX048898.D

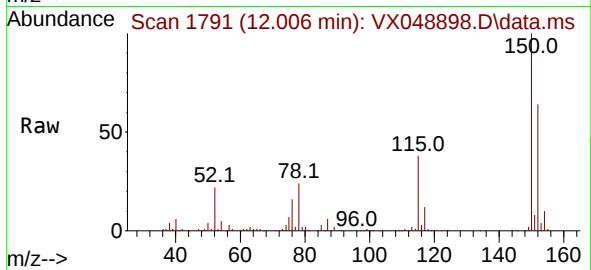
Acq: 16 Dec 2025 19:31

Instrument :

MSVOA_X

ClientSampleId :

RMW-02B-67-121125DL



Tgt Ion:152 Resp: 64003

Ion Ratio Lower Upper

152 100

115 58.2 42.1 126.4

150 157.0 0.0 347.8

