

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
 Data File : VX046498.D
 Acq On : 04 Jun 2025 14:15
 Operator : JC/MD
 Sample : Q2200-01DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RMW-02B-66-060325DL

Quant Time: Jun 05 01:54:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

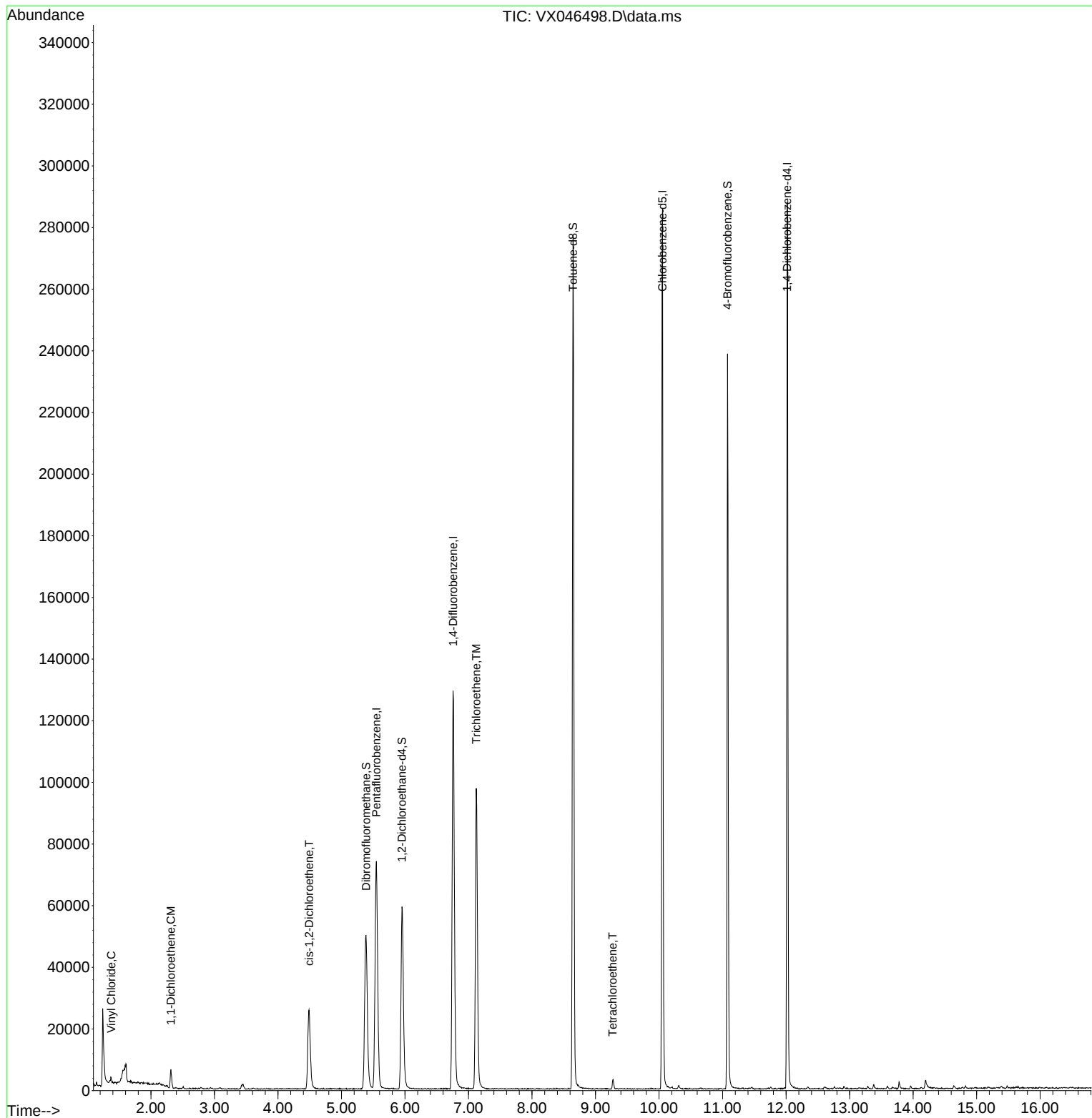
Internal Standards						
1) Pentafluorobenzene	5.550	168	62989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125027	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60283	51.335	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.660%
35) Dibromofluoromethane	5.385	113	45387	50.412	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.820%
50) Toluene-d8	8.646	98	155704	49.967	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.940%
62) 4-Bromofluorobenzene	11.079	95	63770	53.350	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.700%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.373	62	716	0.823	ug/l	98
12) 1,1-Dichloroethene	2.312	96	1603	2.146	ug/l #	91
27) cis-1,2-Dichloroethene	4.489	96	15418	17.051	ug/l	88
44) Trichloroethene	7.122	130	36397	42.679	ug/l	97
64) Tetrachloroethene	9.268	164	517	0.616	ug/l	91

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
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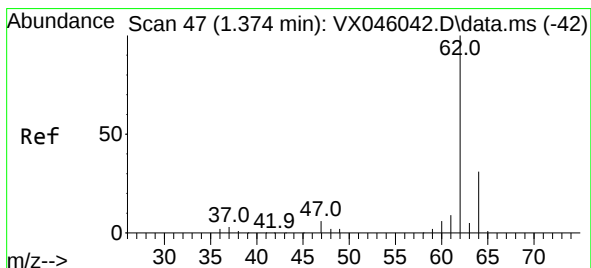
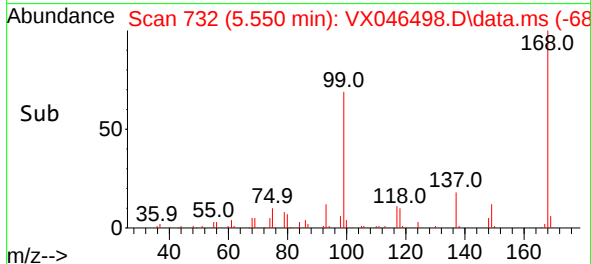
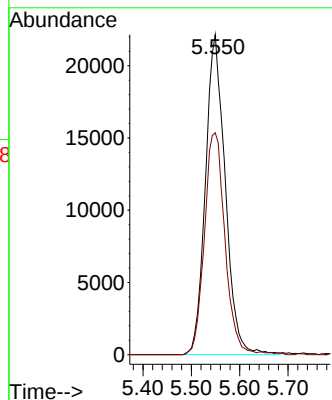
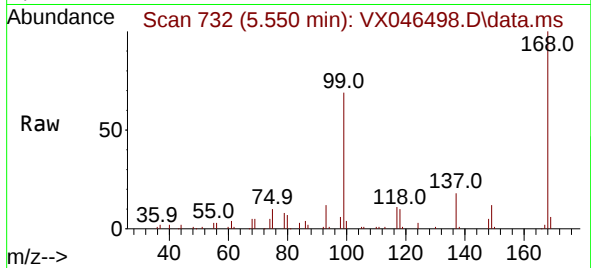




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046498.D
Acq: 04 Jun 2025 14:15

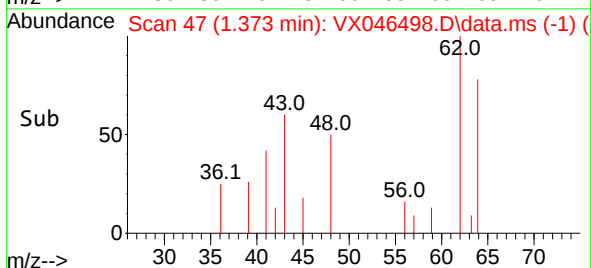
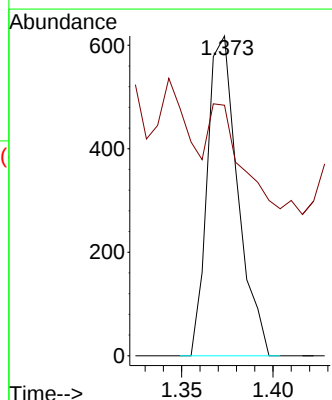
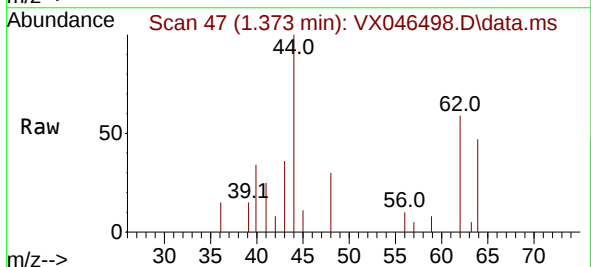
Instrument :
MSVOA_X
ClientSampleId :
RMW-02B-66-060325DL

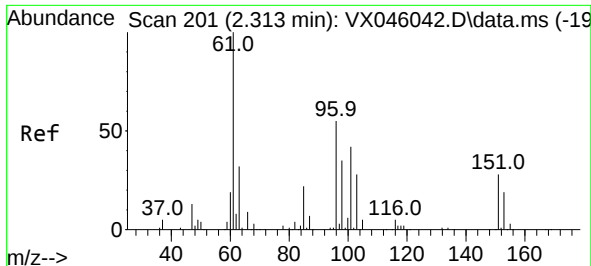
Tgt Ion:168 Resp: 62989
Ion Ratio Lower Upper
168 100
99 69.3 54.9 82.3



#4
Vinyl Chloride
Concen: 0.823 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046498.D
Acq: 04 Jun 2025 14:15

Tgt Ion: 62 Resp: 716
Ion Ratio Lower Upper
62 100
64 32.4 25.2 37.8





#12

1,1-Dichloroethene

Concen: 2.146 ug/l

RT: 2.312 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX046498.D

Acq: 04 Jun 2025 14:15

Instrument :

MSVOA_X

ClientSampleId :

RMW-02B-66-060325DL

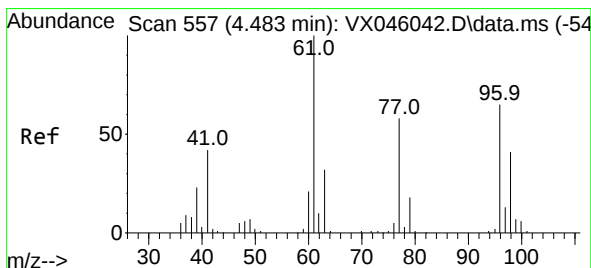
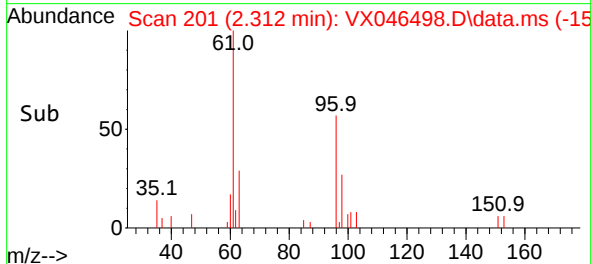
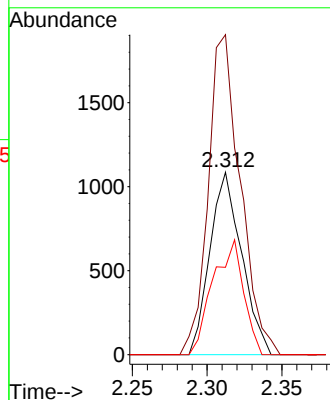
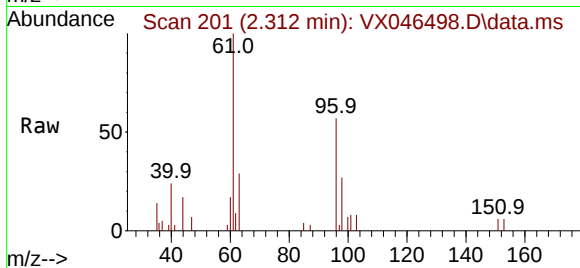
Tgt Ion: 96 Resp: 1603

Ion Ratio Lower Upper

96 100

61 175.4 146.2 219.2

98 47.9 51.0 76.6#



#27

cis-1,2-Dichloroethene

Concen: 17.051 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX046498.D

Acq: 04 Jun 2025 14:15

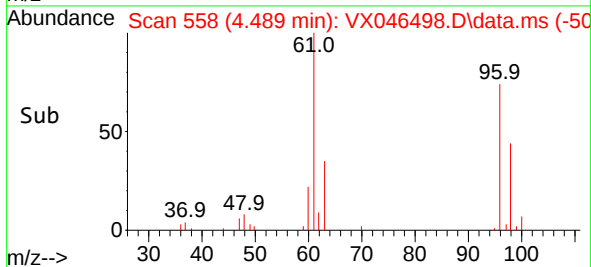
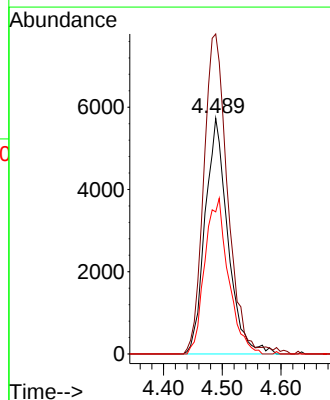
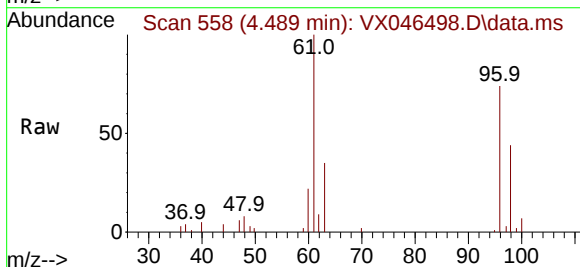
Tgt Ion: 96 Resp: 15418

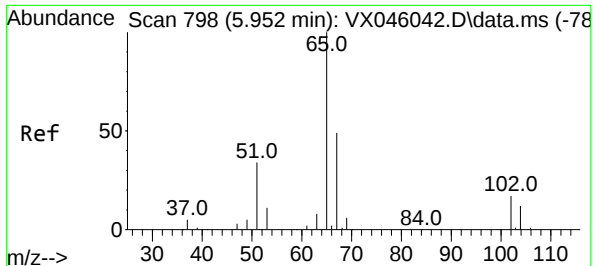
Ion Ratio Lower Upper

96 100

61 141.3 0.0 322.8

98 68.6 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 51.335 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046498.D

Acq: 04 Jun 2025 14:15

Instrument :

MSVOA_X

ClientSampleId :

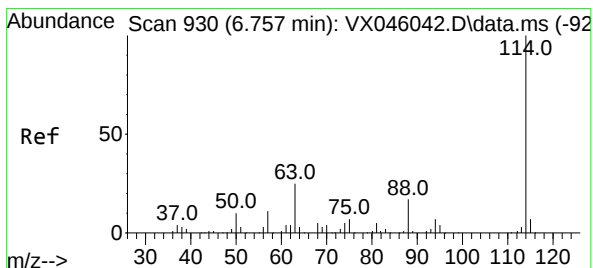
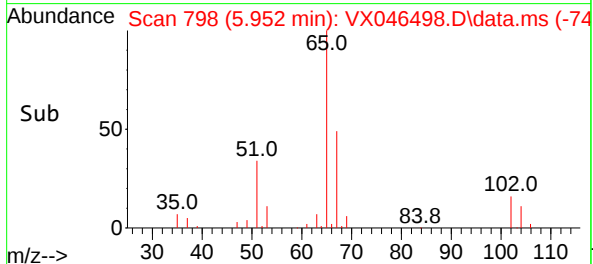
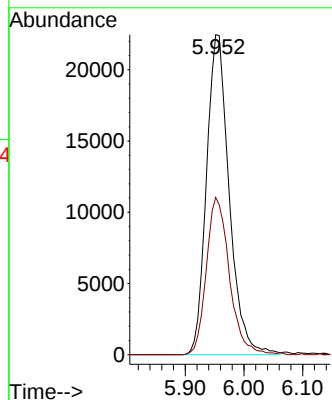
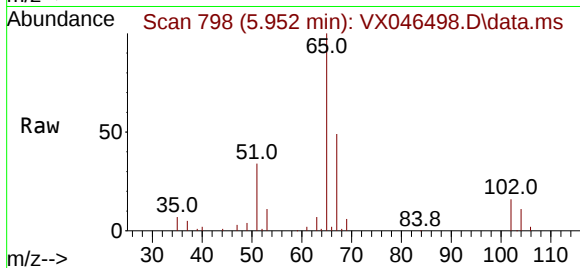
RMW-02B-66-060325DL

Tgt Ion: 65 Resp: 60283

Ion Ratio Lower Upper

65 100

67 50.0 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046498.D

Acq: 04 Jun 2025 14:15

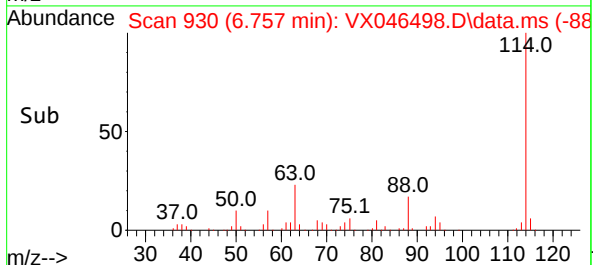
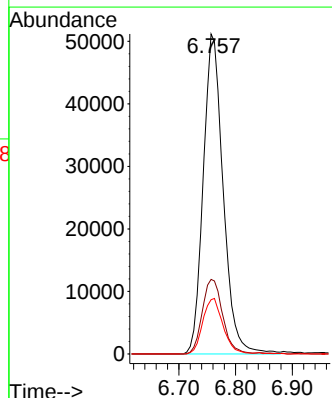
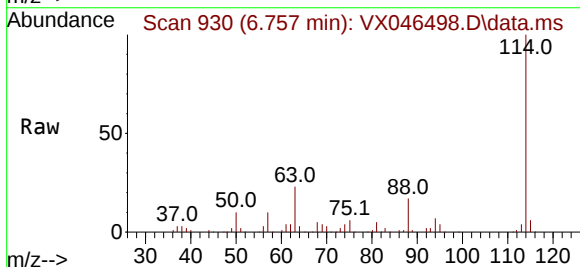
Tgt Ion: 114 Resp: 125027

Ion Ratio Lower Upper

114 100

63 23.3 0.0 49.2

88 17.0 0.0 33.6

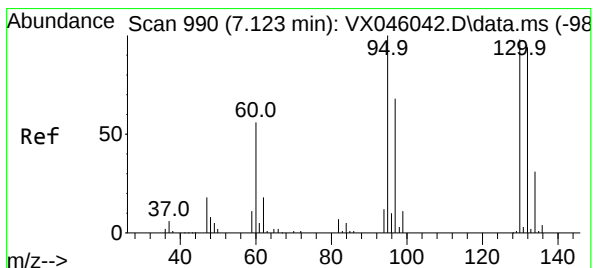
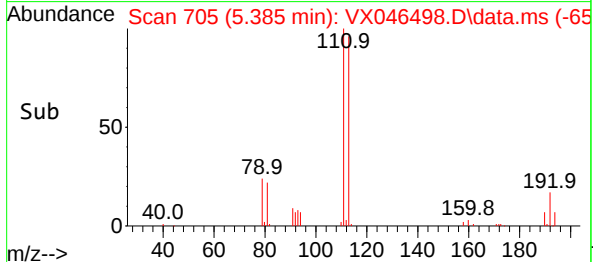
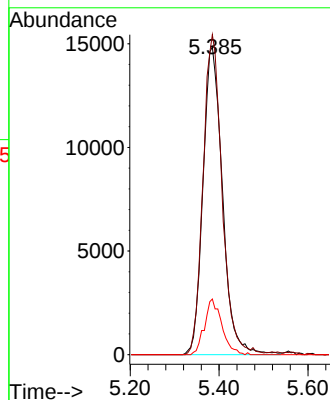
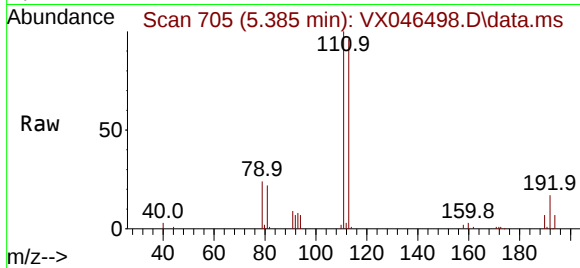




#35
Dibromofluoromethane
Concen: 50.412 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046498.D
Acq: 04 Jun 2025 14:15

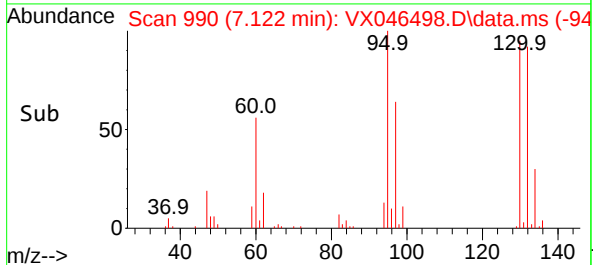
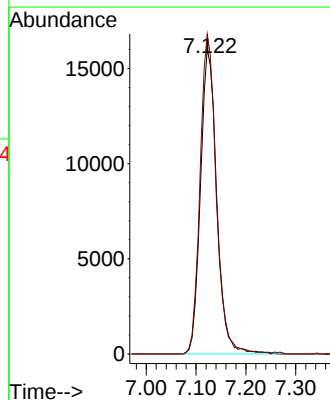
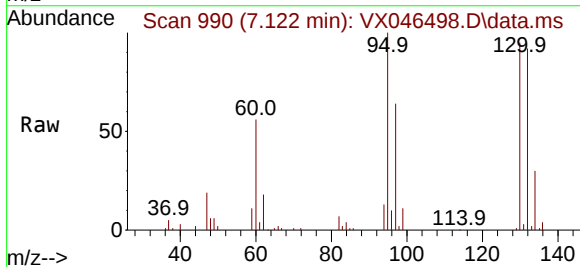
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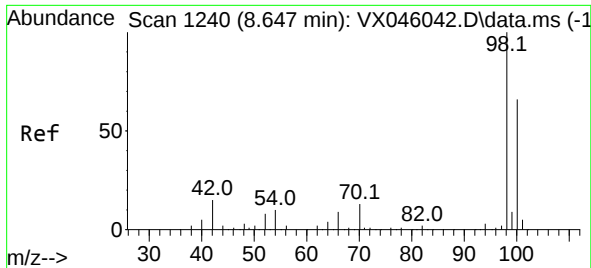
Tgt Ion:113 Resp: 45387
Ion Ratio Lower Upper
113 100
111 101.3 83.1 124.7
192 16.1 13.3 19.9



#44
Trichloroethene
Concen: 42.679 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX046498.D
Acq: 04 Jun 2025 14:15

Tgt Ion:130 Resp: 36397
Ion Ratio Lower Upper
130 100
95 104.8 0.0 204.2

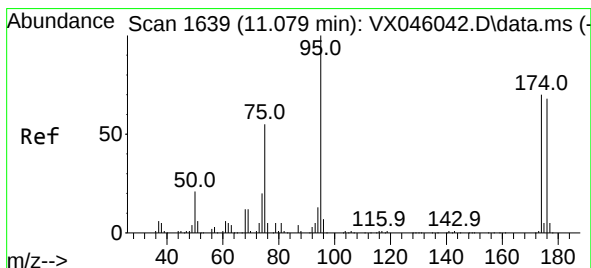
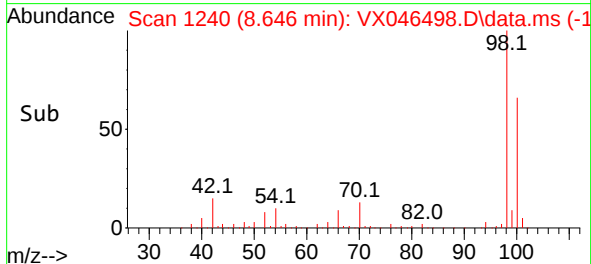
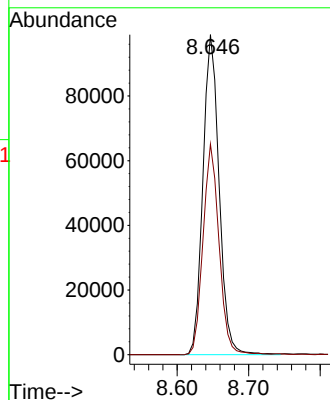
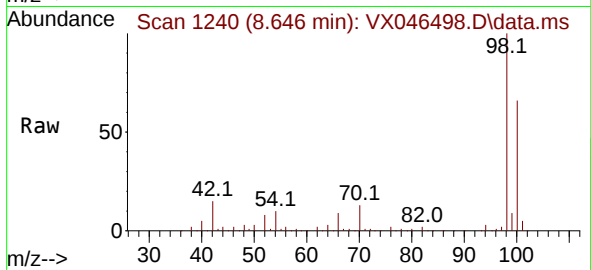




#50
Toluene-d8
Concen: 49.967 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046498.D
Acq: 04 Jun 2025 14:15

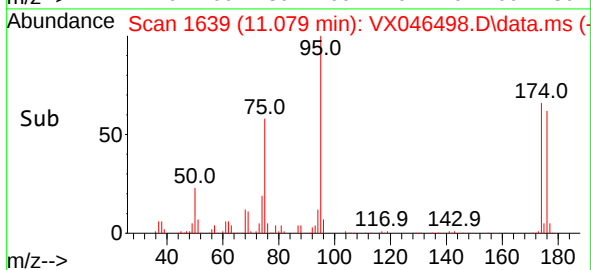
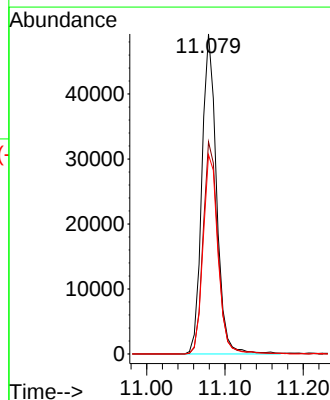
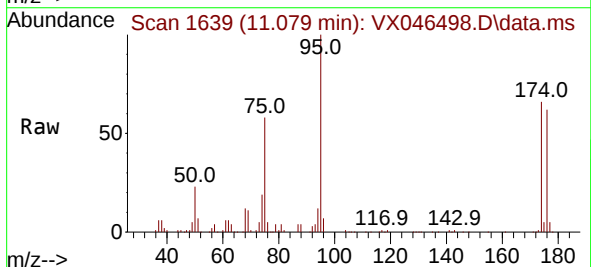
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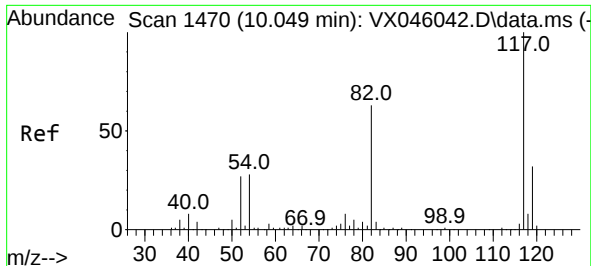
Tgt Ion: 98 Resp: 155704
Ion Ratio Lower Upper
98 100
100 65.0 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 53.350 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046498.D
Acq: 04 Jun 2025 14:15

Tgt Ion: 95 Resp: 63770
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.8
176 64.0 0.0 131.4

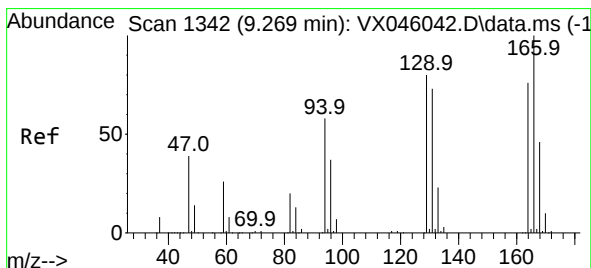
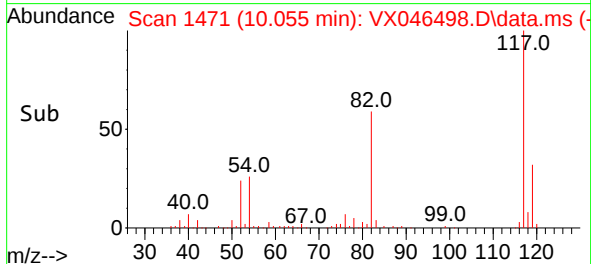
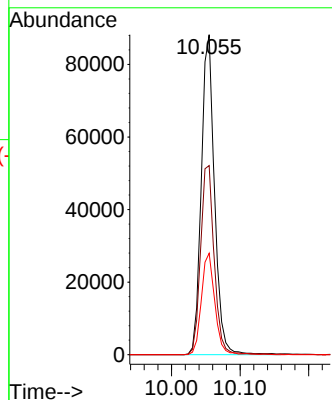
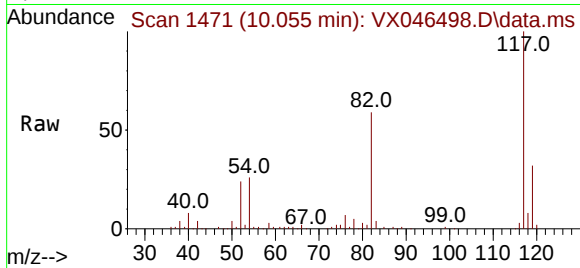




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046498.D
Acq: 04 Jun 2025 14:15

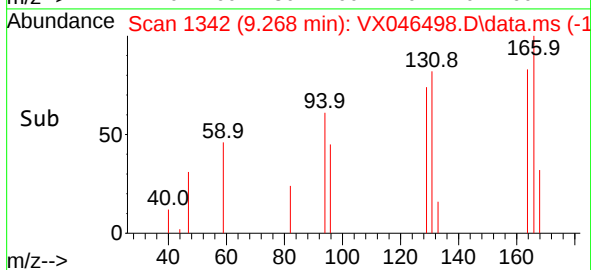
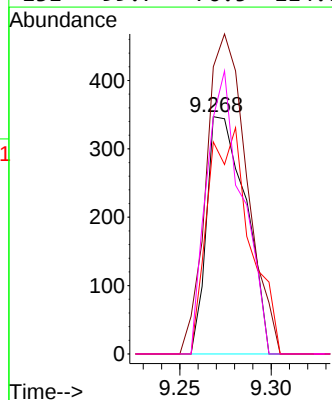
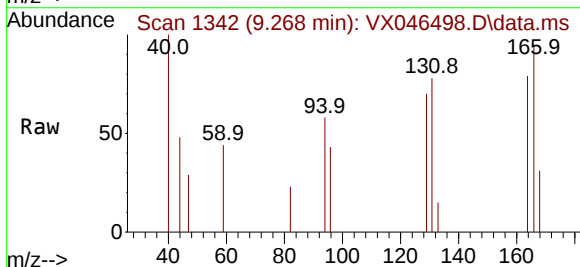
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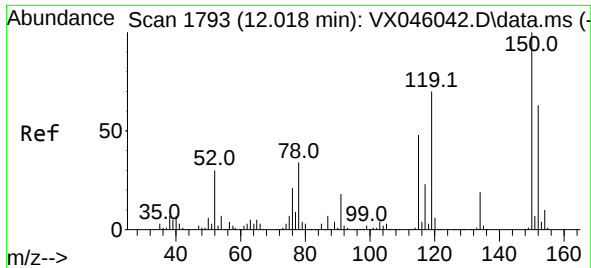
Tgt Ion:117 Resp: 118665
Ion Ratio Lower Upper
117 100
82 59.1 50.6 76.0
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 0.616 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046498.D
Acq: 04 Jun 2025 14:15

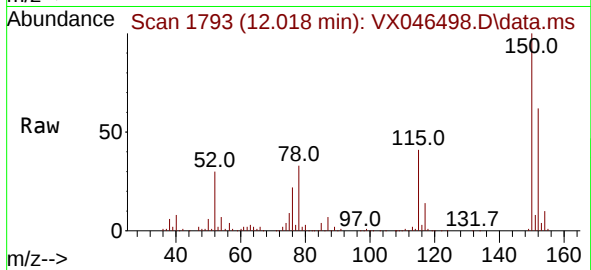
Tgt Ion:164 Resp: 517
Ion Ratio Lower Upper
164 100
166 121.0 105.0 157.6
129 89.3 83.5 125.3
131 99.7 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046498.D
 Acq: 04 Jun 2025 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 RMW-02B-66-060325DL



Tgt Ion:152 Resp: 53639
 Ion Ratio Lower Upper
 152 100
 115 65.3 46.9 140.7
 150 160.9 0.0 351.0

