

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060425\
 Data File : VX046508.D
 Acq On : 04 Jun 2025 18:12
 Operator : JC/MD
 Sample : Q2200-01 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Jun 05 02:04:31 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)

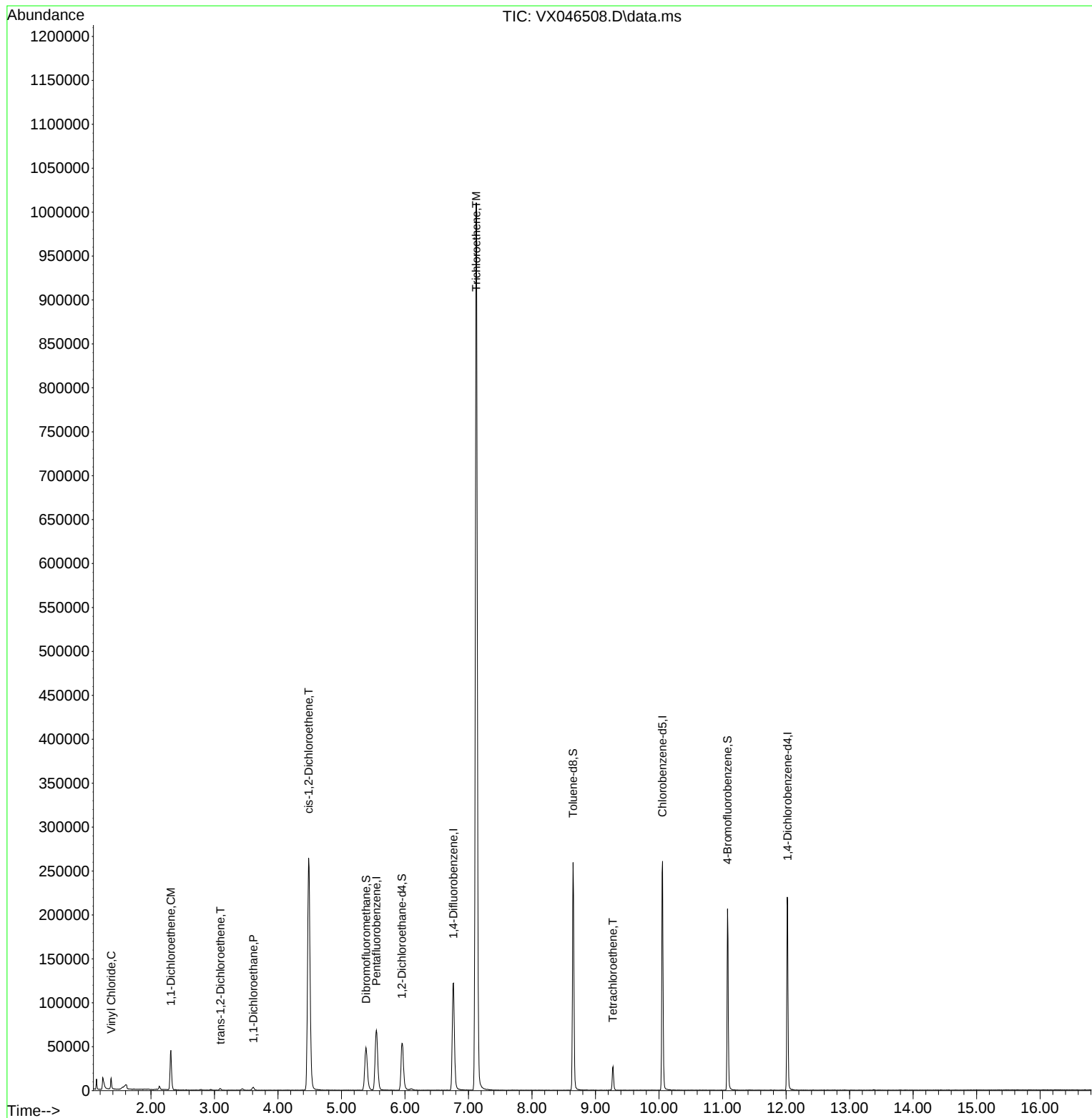
Internal Standards						
1) Pentafluorobenzene	5.550	168	59475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	118649	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	107657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57267	51.648	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.300%	
35) Dibromofluoromethane	5.385	113	41659	48.758	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.520%	
50) Toluene-d8	8.647	98	147066	49.732	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.460%	
62) 4-Bromofluorobenzene	11.079	95	55309	48.759	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 97.520%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	7697	9.368	ug/l	96
12) 1,1-Dichloroethene	2.312	96	12979	18.404	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	775	1.093	ug/l #	78
24) 1,1-Dichloroethane	3.611	63	3655	2.521	ug/l #	93
27) cis-1,2-Dichloroethene	4.483	96	156809	183.666	ug/l	89
44) Trichloroethene	7.123	130	357950	442.298	ug/l	95
64) Tetrachloroethene	9.275	164	4825	6.334	ug/l	97

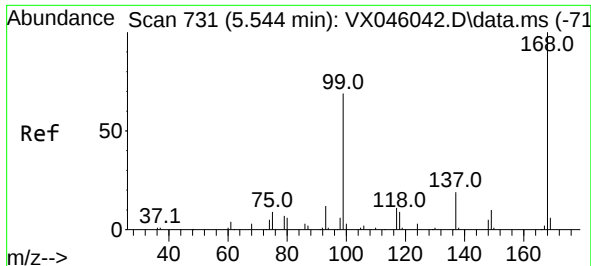
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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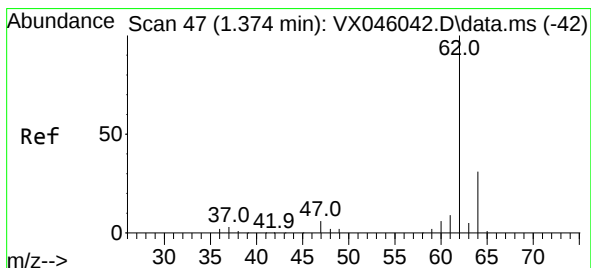
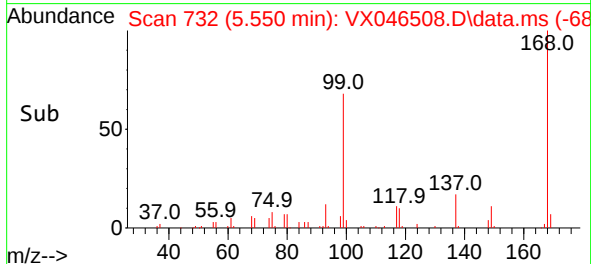
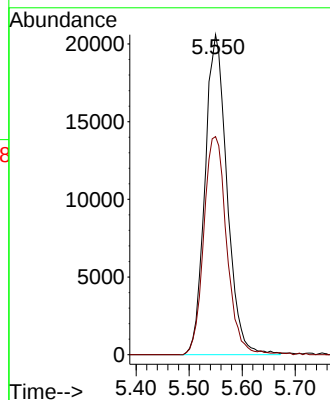
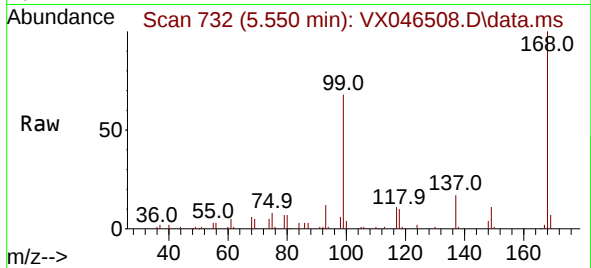




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046508.D
Acq: 04 Jun 2025 18:12

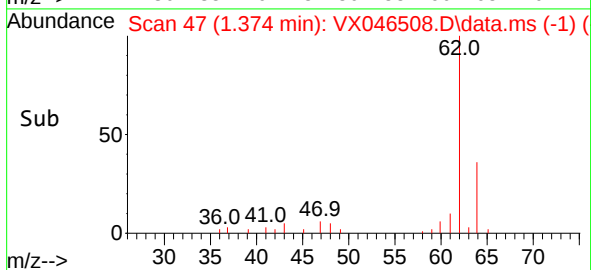
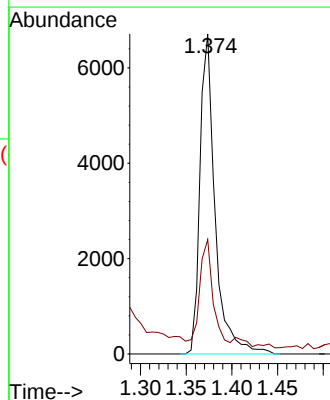
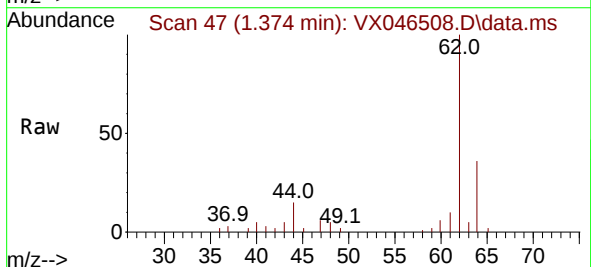
Instrument :
MSVOA_X
ClientSampleId :
RMW-02B-66-060325

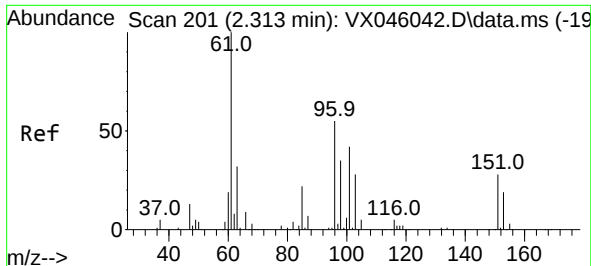
Tgt Ion:168 Resp: 59475
Ion Ratio Lower Upper
168 100
99 68.1 54.9 82.3



#4
Vinyl Chloride
Concen: 9.368 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046508.D
Acq: 04 Jun 2025 18:12

Tgt Ion: 62 Resp: 7697
Ion Ratio Lower Upper
62 100
64 33.8 25.2 37.8





#12

1,1-Dichloroethene

Concen: 18.404 ug/l

RT: 2.312 min Scan# 201

Delta R.T. -0.000 min

Lab File: VX046508.D

Acq: 04 Jun 2025 18:12

Instrument :

MSVOA_X

ClientSampleId :

RMW-02B-66-060325

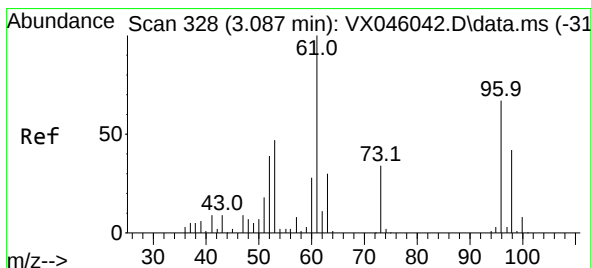
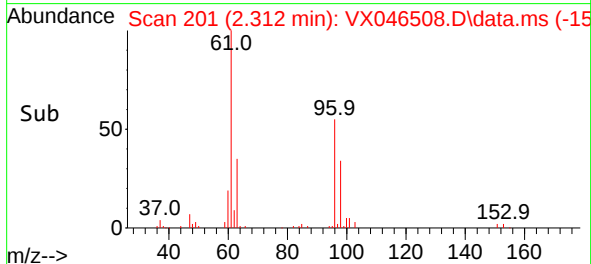
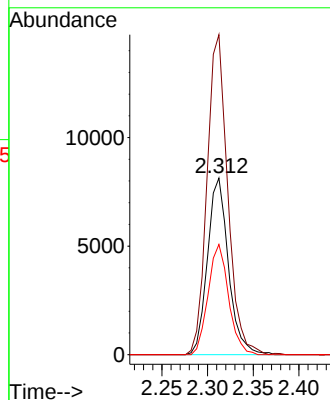
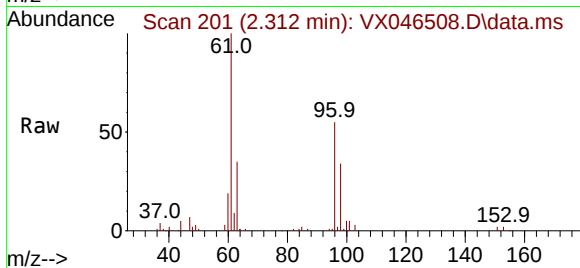
Tgt Ion: 96 Resp: 12979

Ion Ratio Lower Upper

96 100

61 181.1 146.2 219.2

98 62.4 51.0 76.6



#21

trans-1,2-Dichloroethene

Concen: 1.093 ug/l

RT: 3.093 min Scan# 329

Delta R.T. 0.006 min

Lab File: VX046508.D

Acq: 04 Jun 2025 18:12

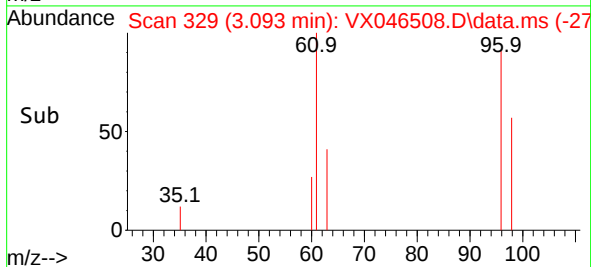
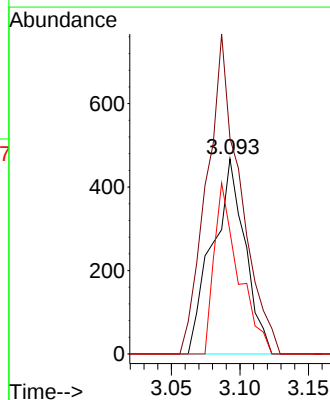
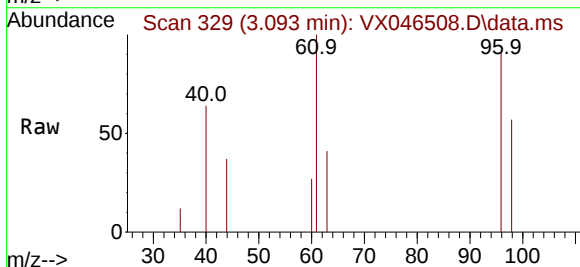
Tgt Ion: 96 Resp: 775

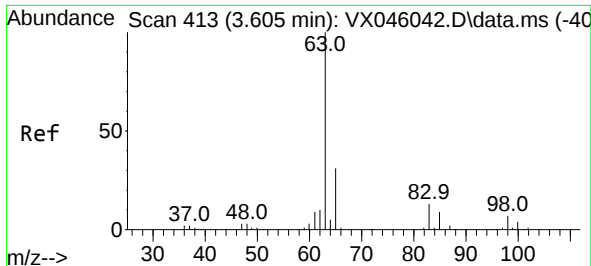
Ion Ratio Lower Upper

96 100

61 110.5 119.5 179.3#

98 62.6 50.0 75.0

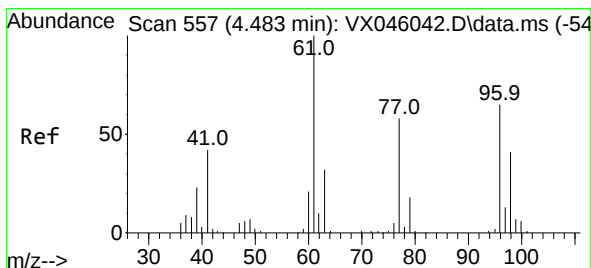
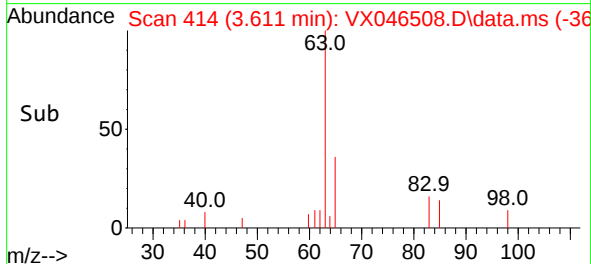
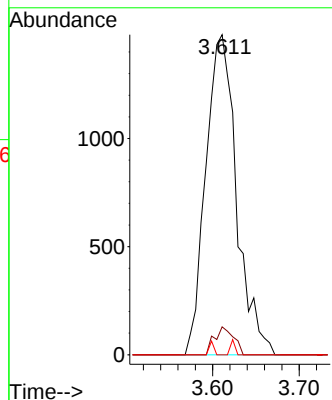
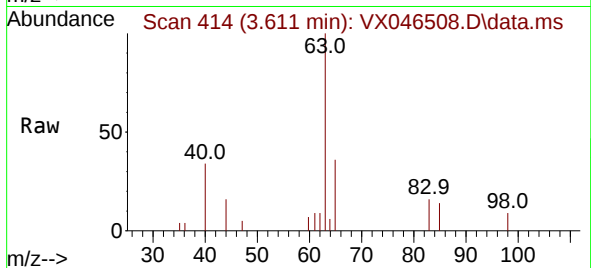




#24
 1,1-Dichloroethane
 Concen: 2.521 ug/l
 RT: 3.611 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX046508.D
 Acq: 04 Jun 2025 18:12

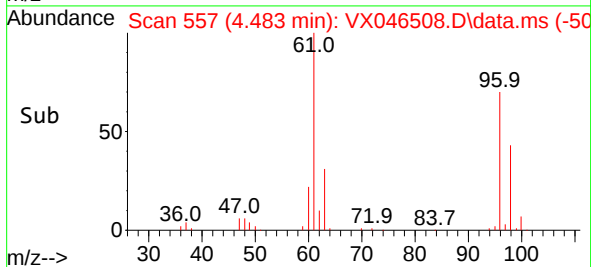
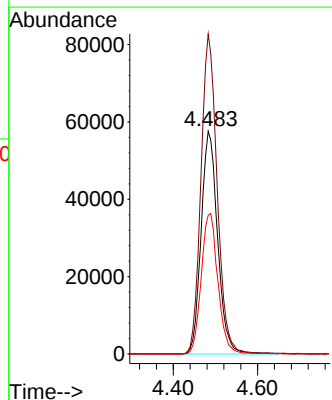
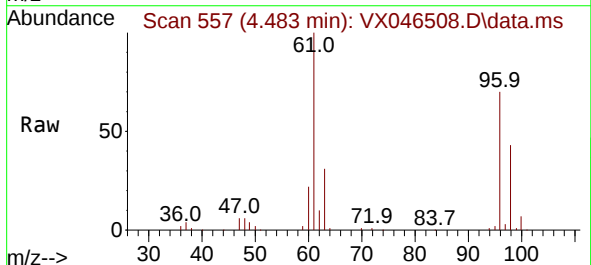
Instrument :
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 RMW-02B-66-060325

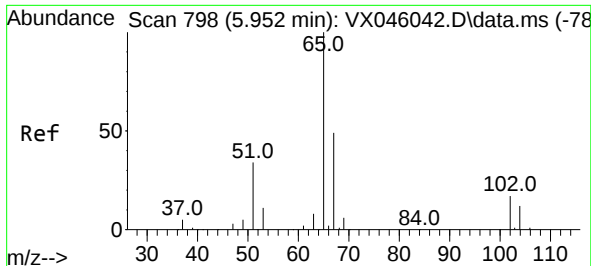
Tgt Ion: 63 Resp: 3655
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.6 10.8
 100 0.0 2.1 6.3#



#27
 cis-1,2-Dichloroethene
 Concen: 183.666 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX046508.D
 Acq: 04 Jun 2025 18:12

Tgt Ion: 96 Resp: 156809
 Ion Ratio Lower Upper
 96 100
 61 141.7 0.0 322.8
 98 63.5 0.0 129.0

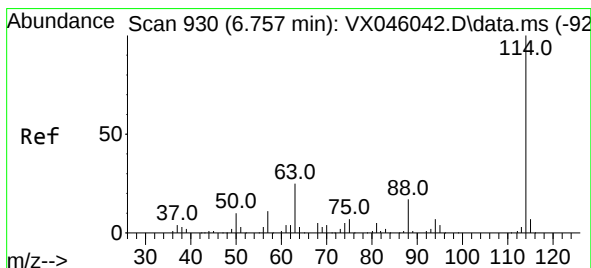
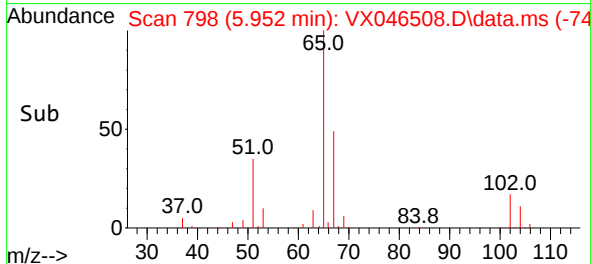
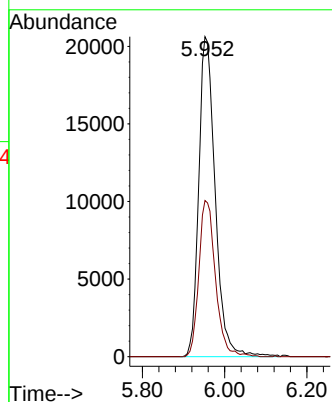
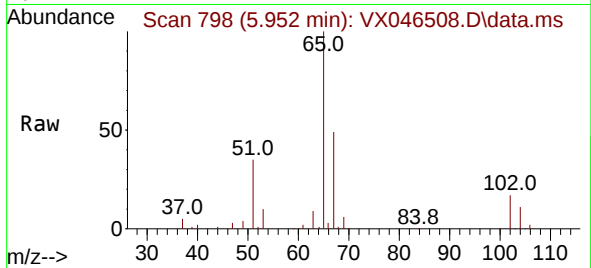




#33
 1,2-Dichloroethane-d4
 Concen: 51.648 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX046508.D
 Acq: 04 Jun 2025 18:12

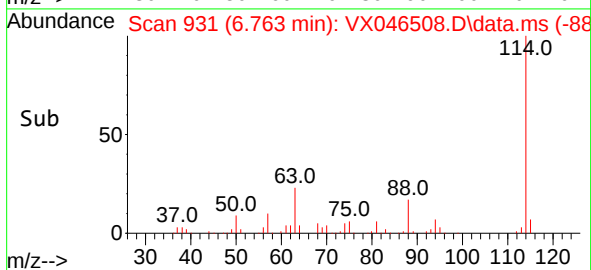
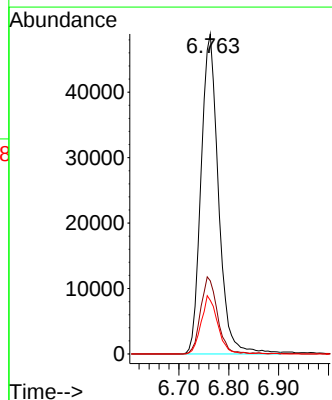
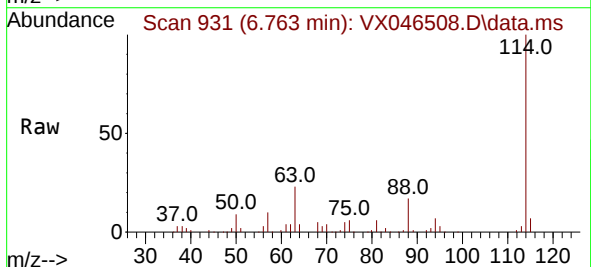
Instrument :
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 ClientSampleId :
 RMW-02B-66-060325

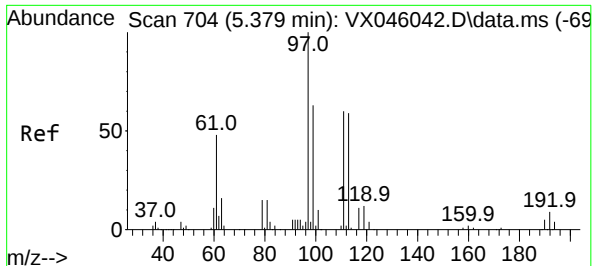
Tgt Ion: 65 Resp: 57267
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX046508.D
 Acq: 04 Jun 2025 18:12

Tgt Ion: 114 Resp: 118649
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 49.2
 88 16.8 0.0 33.6

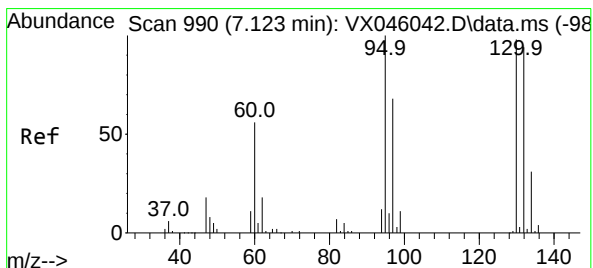
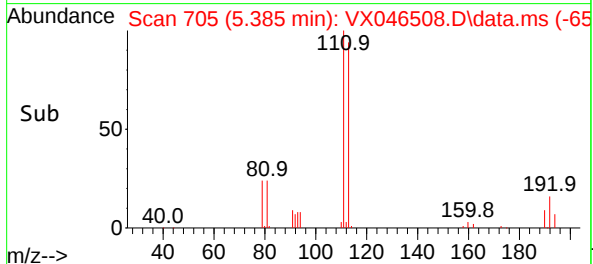
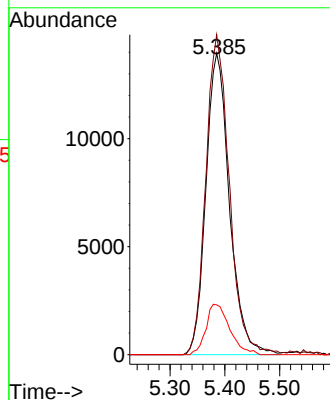
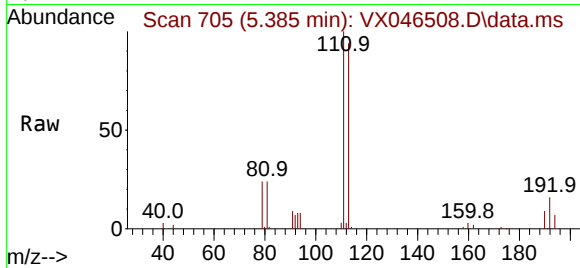




#35
Dibromofluoromethane
Concen: 48.758 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046508.D
Acq: 04 Jun 2025 18:12

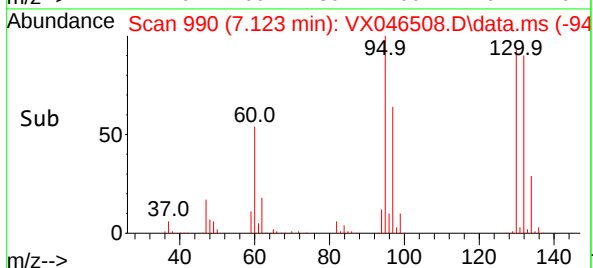
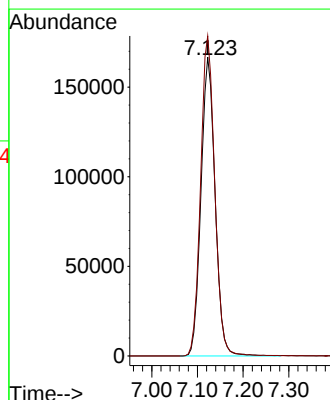
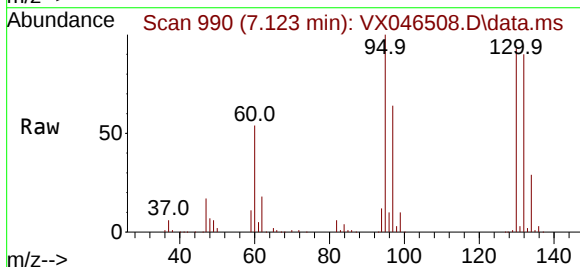
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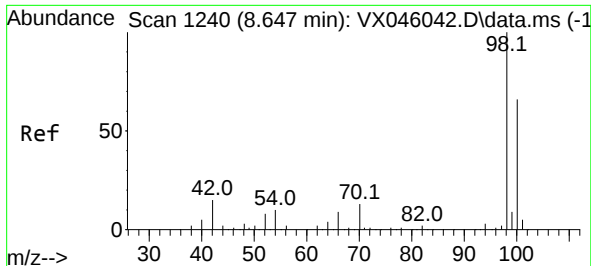
Tgt Ion:113 Resp: 41659
Ion Ratio Lower Upper
113 100
111 106.0 83.1 124.7
192 16.9 13.3 19.9



#44
Trichloroethene
Concen: 442.298 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX046508.D
Acq: 04 Jun 2025 18:12

Tgt Ion:130 Resp: 357950
Ion Ratio Lower Upper
130 100
95 107.1 0.0 204.2

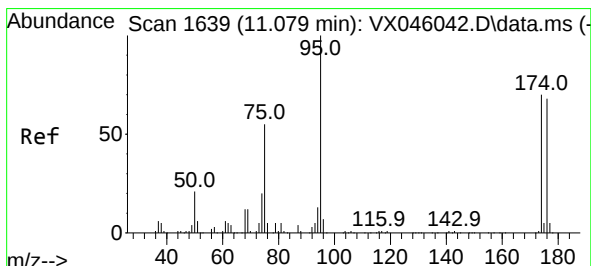
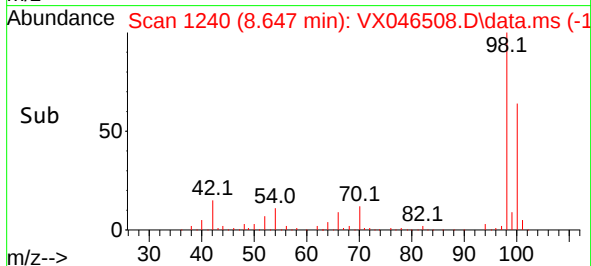
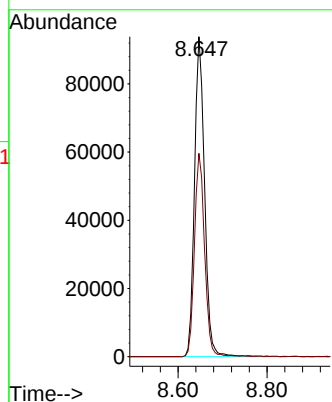
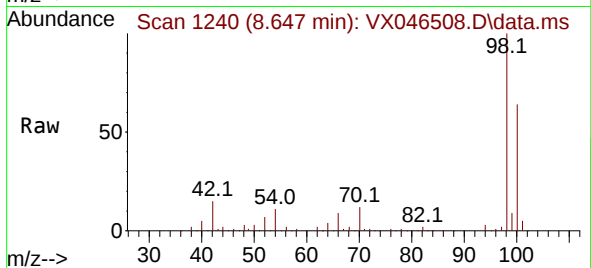




#50
Toluene-d8
Concen: 49.732 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046508.D
Acq: 04 Jun 2025 18:12

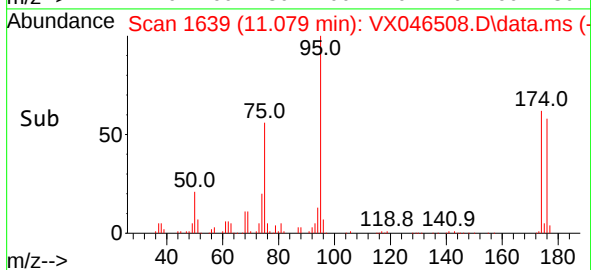
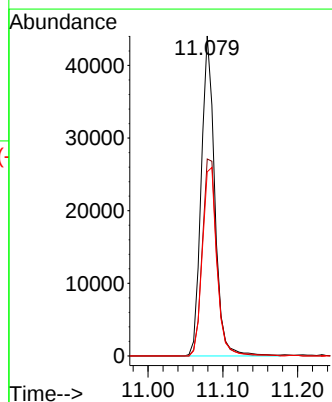
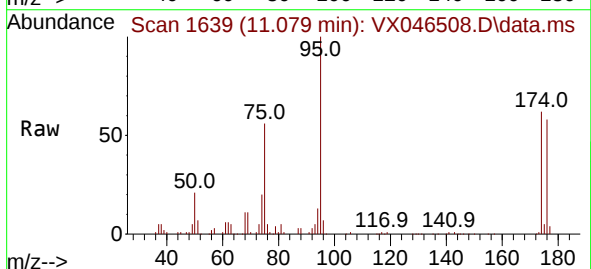
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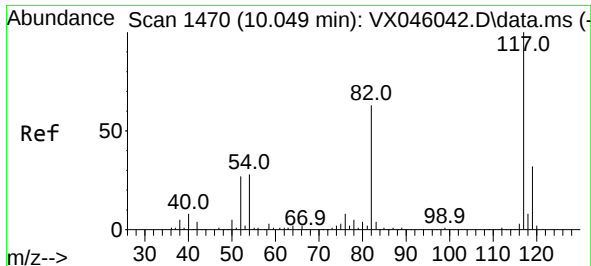
Tgt Ion: 98 Resp: 147066
Ion Ratio Lower Upper
98 100
100 64.0 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 48.759 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046508.D
Acq: 04 Jun 2025 18:12

Tgt Ion: 95 Resp: 55309
Ion Ratio Lower Upper
95 100
174 66.7 0.0 135.8
176 63.6 0.0 131.4

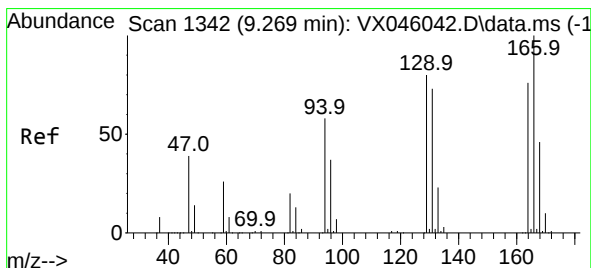
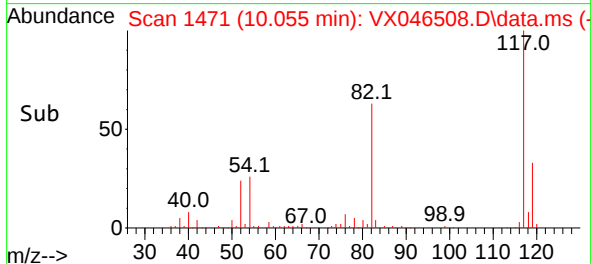
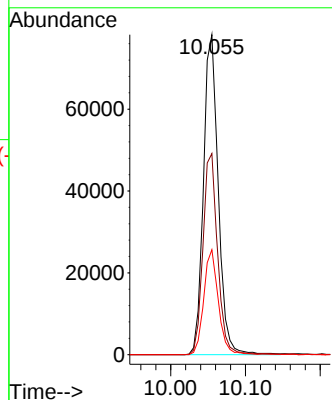
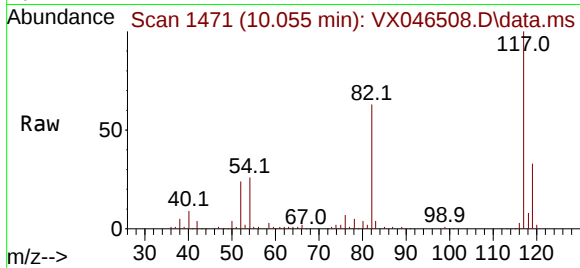




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046508.D
Acq: 04 Jun 2025 18:12

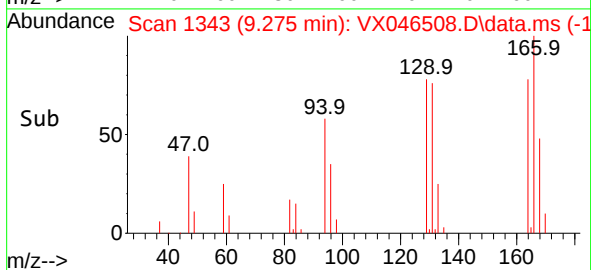
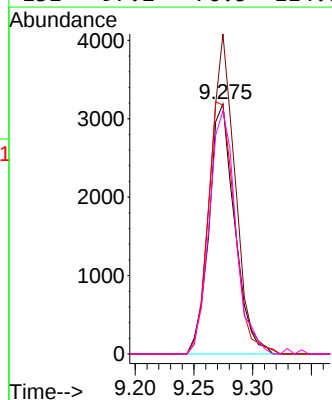
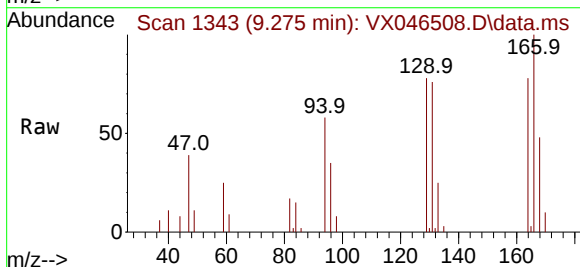
Instrument :
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RMW-02B-66-060325

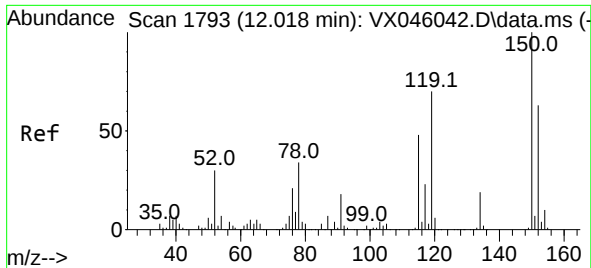
Tgt Ion:117 Resp: 107657
Ion Ratio Lower Upper
117 100
82 62.9 50.6 76.0
119 32.8 25.8 38.6



#64
Tetrachloroethene
Concen: 6.334 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX046508.D
Acq: 04 Jun 2025 18:12

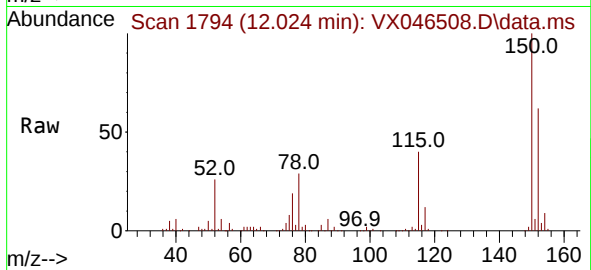
Tgt Ion:164 Resp: 4825
Ion Ratio Lower Upper
164 100
166 127.9 105.0 157.6
129 99.4 83.5 125.3
131 97.2 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX046508.D
 Acq: 04 Jun 2025 18:12

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



Tgt Ion:152 Resp: 43595
 Ion Ratio Lower Upper
 152 100
 115 65.7 46.9 140.7
 150 157.9 0.0 351.0

