

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
 Data File : VX046663.D
 Acq On : 12 Jun 2025 14:53
 Operator : JC/MD
 Sample : Q2249-01 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-06-6.5-060525

Quant Time: Jun 13 01:44:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

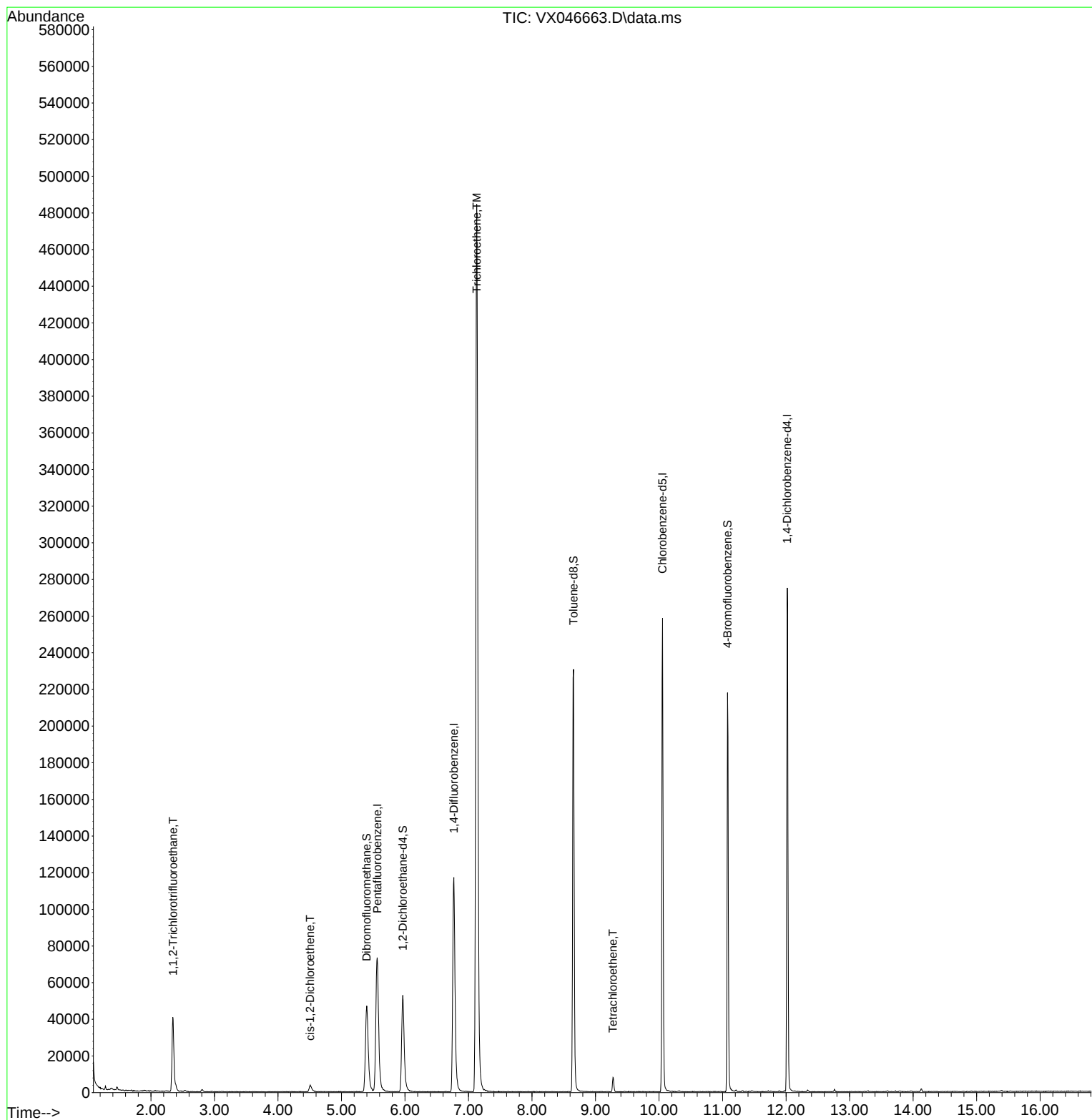
Internal Standards						
1) Pentafluorobenzene	5.562	168	74051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	126787	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56384	42.798	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.600%
35) Dibromofluoromethane	5.397	113	44542	47.772	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.540%
50) Toluene-d8	8.653	98	144541	47.021	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.040%
62) 4-Bromofluorobenzene	11.079	95	61220	48.135	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.280%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.349	101	18690	19.221	ug/l	93
27) cis-1,2-Dichloroethene	4.507	96	2574	2.247	ug/l	75
44) Trichloroethene	7.129	130	196628	206.399	ug/l	97
64) Tetrachloroethene	9.275	164	1511	1.968	ug/l	93

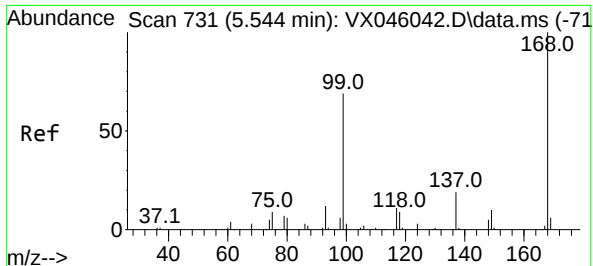
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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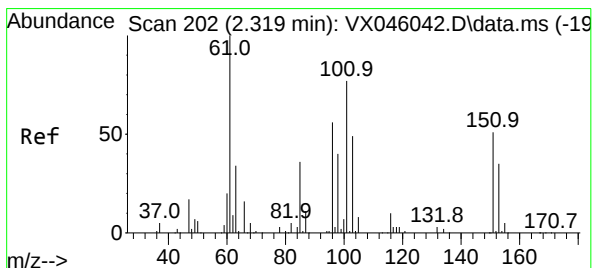
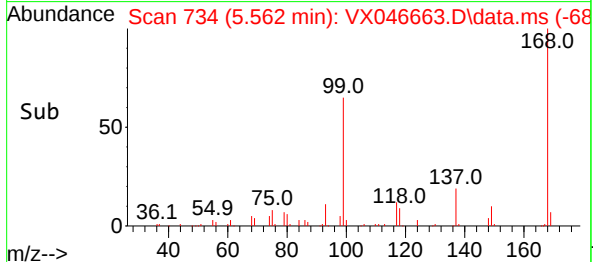
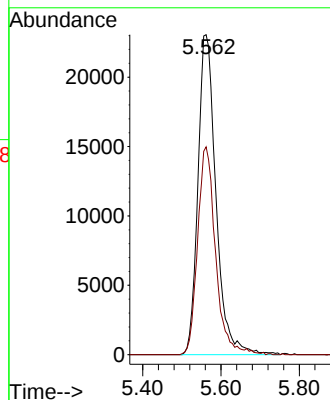
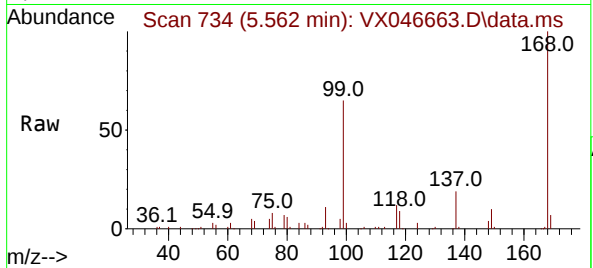




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046663.D
Acq: 12 Jun 2025 14:53

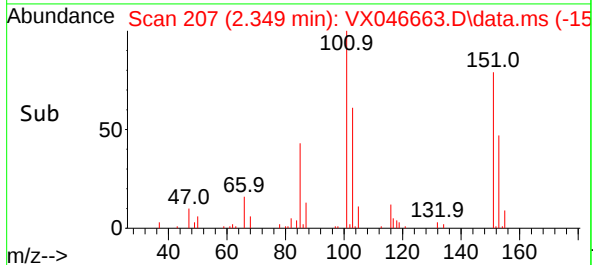
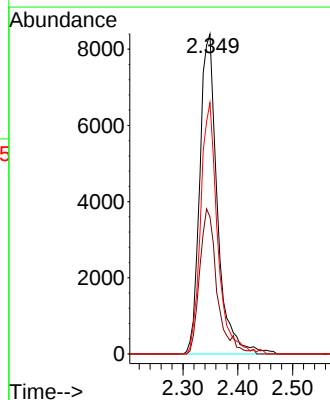
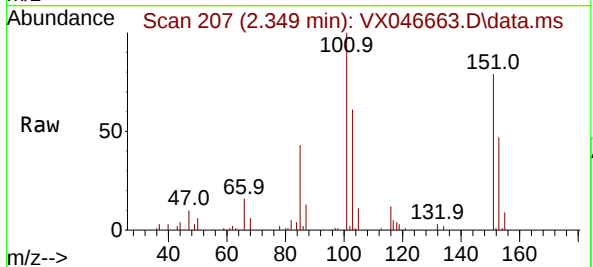
Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-060525

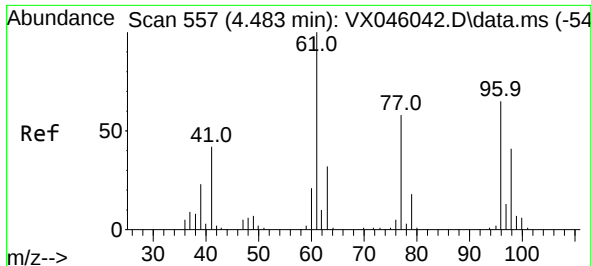
Tgt Ion:168 Resp: 74051
Ion Ratio Lower Upper
168 100
99 65.0 54.9 82.3



#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.221 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX046663.D
Acq: 12 Jun 2025 14:53

Tgt Ion:101 Resp: 18690
Ion Ratio Lower Upper
101 100
85 45.1 38.6 58.0
151 76.0 55.2 82.8





#27

cis-1,2-Dichloroethene

Concen: 2.247 ug/l

RT: 4.507 min Scan# 5

Delta R.T. 0.000 min

Lab File: VX046663.D

Acq: 12 Jun 2025 14:53

Instrument :

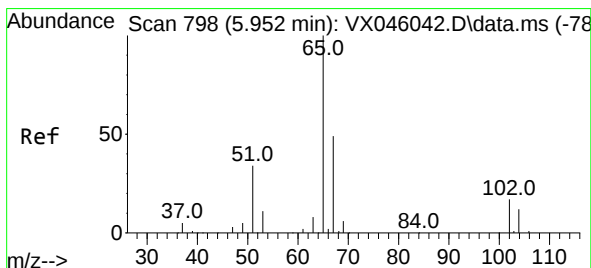
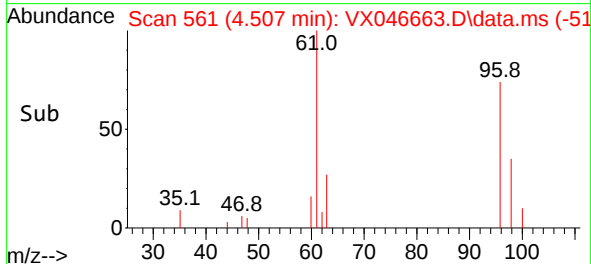
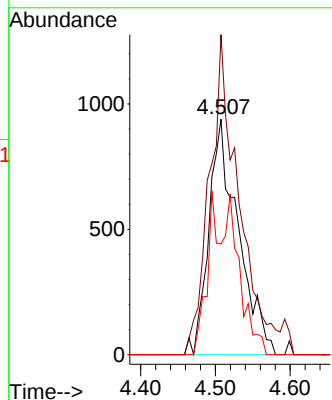
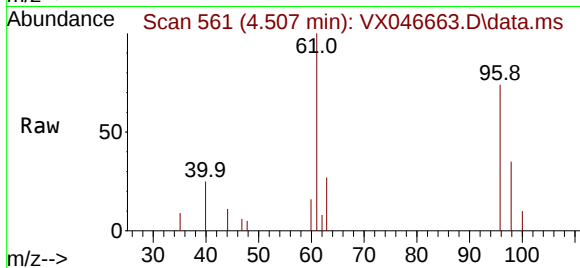
MSVOA_X

ClientSampleId :

MW-06-6.5-060525

Tgt Ion: 96 Resp: 2574

Ion	Ratio	Lower	Upper
96	100		
61	138.4	0.0	322.8
98	29.9	0.0	129.0



#33

1,2-Dichloroethane-d4

Concen: 42.798 ug/l

RT: 5.964 min Scan# 800

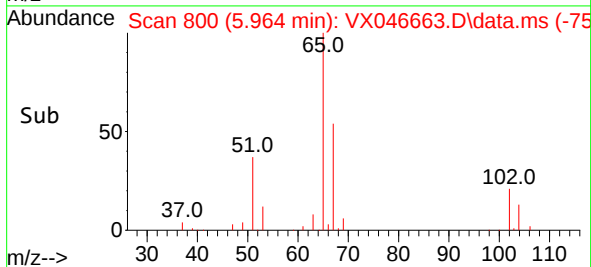
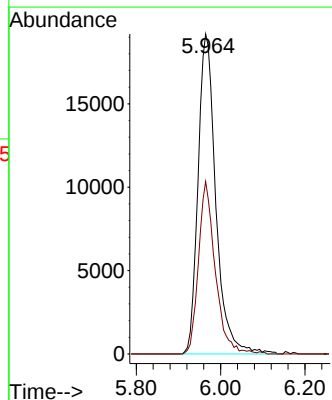
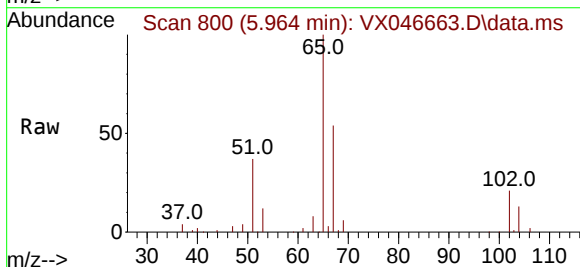
Delta R.T. -0.006 min

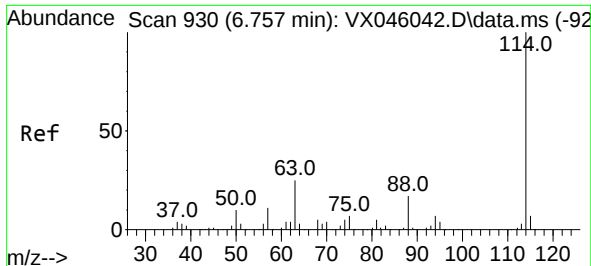
Lab File: VX046663.D

Acq: 12 Jun 2025 14:53

Tgt Ion: 65 Resp: 56384

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	99.0

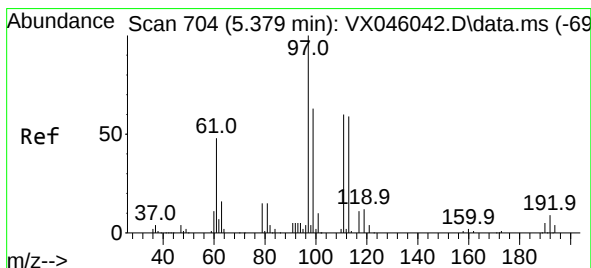
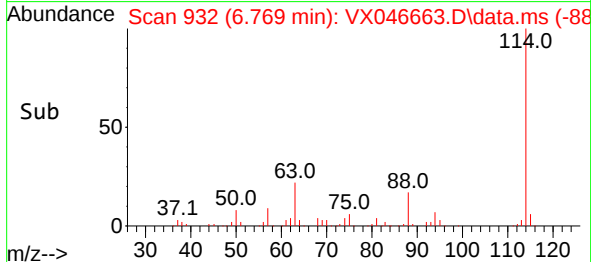
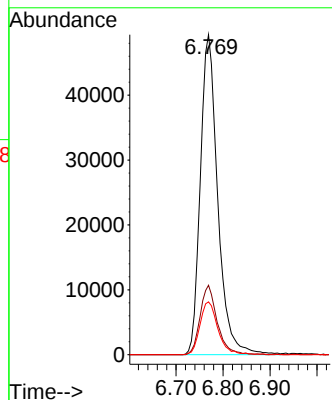
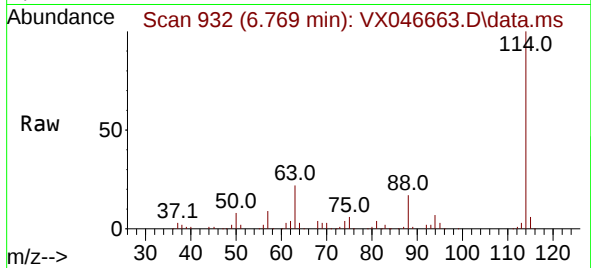




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX046663.D
Acq: 12 Jun 2025 14:53

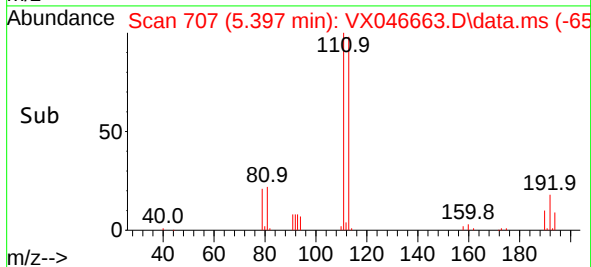
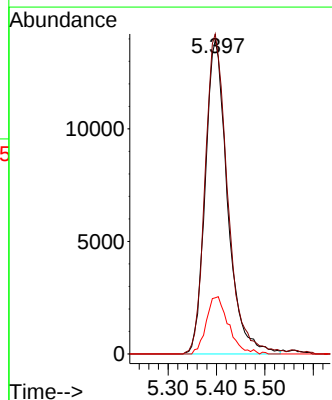
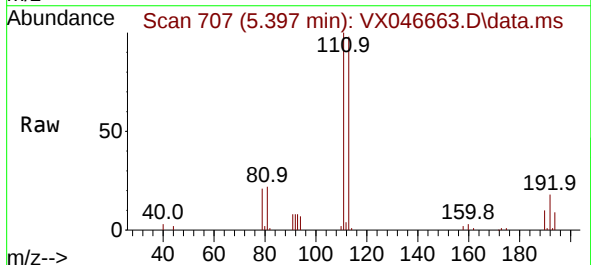
Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-060525

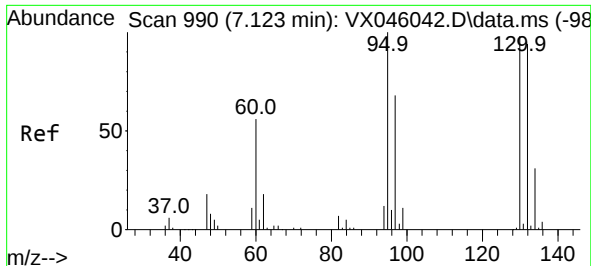
Tgt Ion:114 Resp: 126787
Ion Ratio Lower Upper
114 100
63 21.7 0.0 49.2
88 16.5 0.0 33.6



#35
Dibromofluoromethane
Concen: 47.772 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX046663.D
Acq: 12 Jun 2025 14:53

Tgt Ion:113 Resp: 44542
Ion Ratio Lower Upper
113 100
111 103.9 83.1 124.7
192 18.2 13.3 19.9

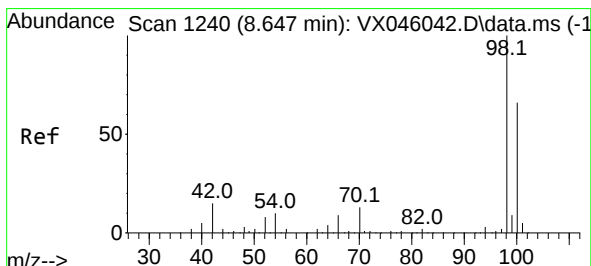
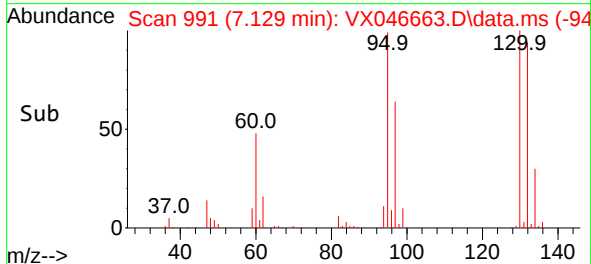
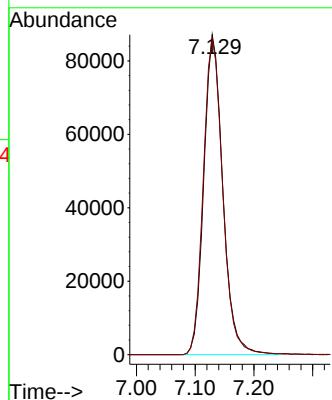
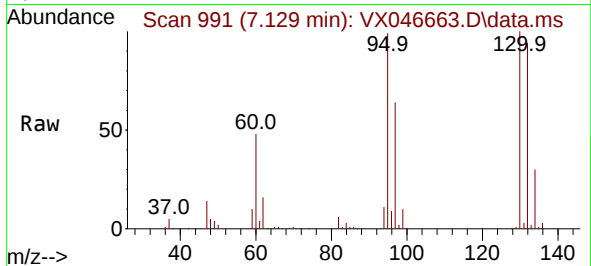




#44
Trichloroethene
Concen: 206.399 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX046663.D
Acq: 12 Jun 2025 14:53

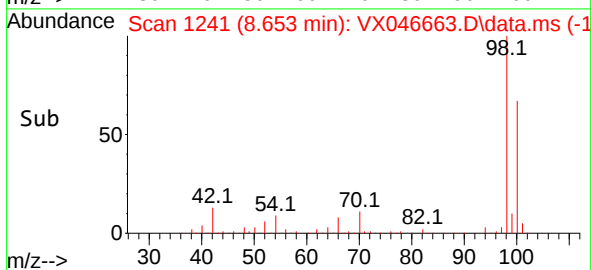
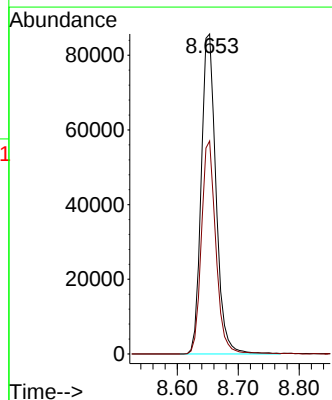
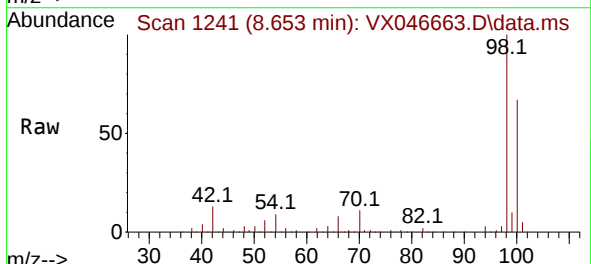
Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-060525

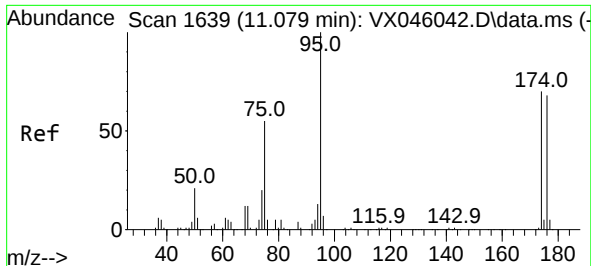
Tgt Ion:130 Resp: 196628
Ion Ratio Lower Upper
130 100
95 98.8 0.0 204.2



#50
Toluene-d8
Concen: 47.021 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046663.D
Acq: 12 Jun 2025 14:53

Tgt Ion: 98 Resp: 144541
Ion Ratio Lower Upper
98 100
100 65.3 53.5 80.3

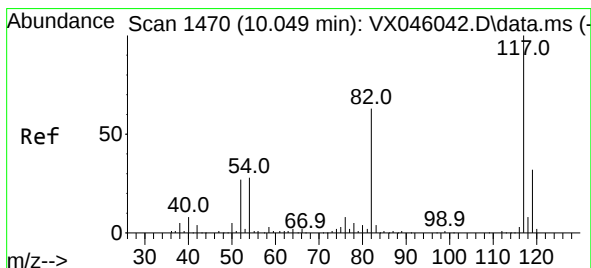
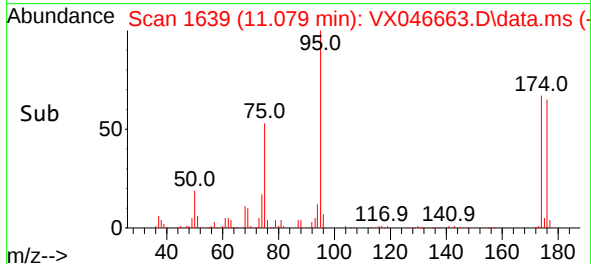
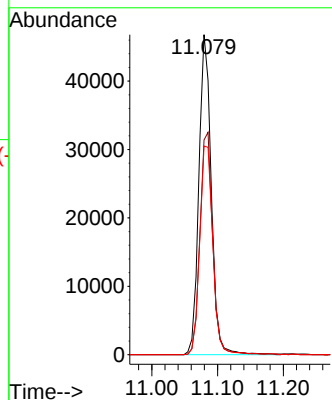
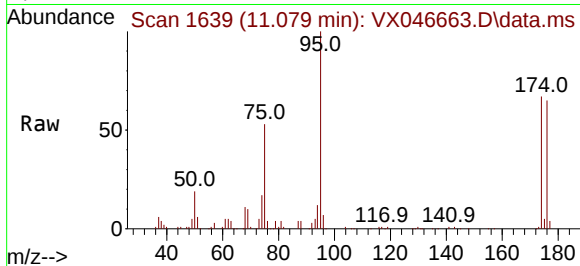




#62
4-Bromofluorobenzene
Concen: 48.135 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046663.D
Acq: 12 Jun 2025 14:53

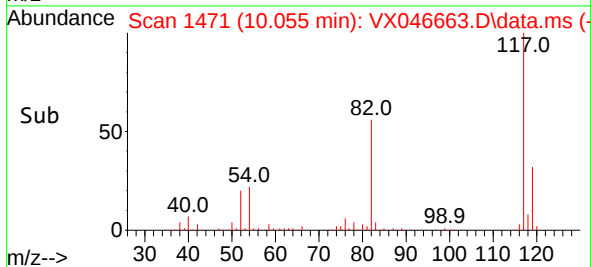
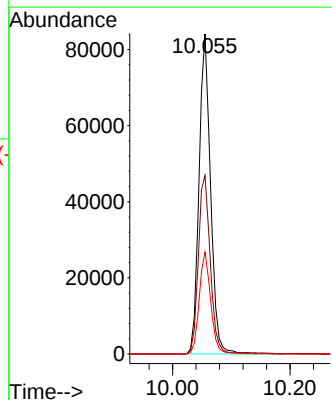
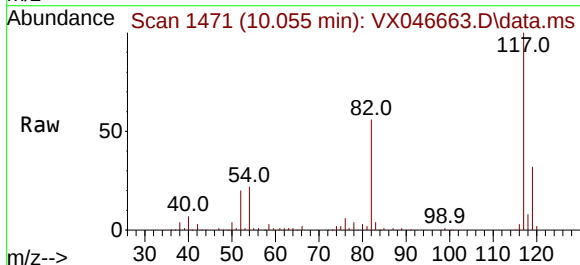
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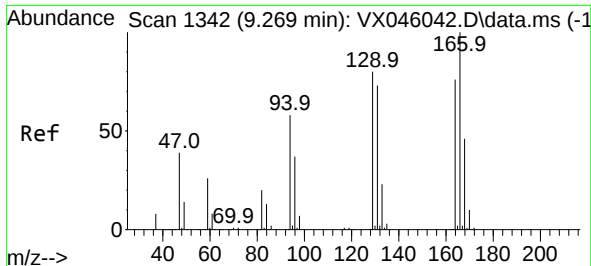
Tgt Ion: 95 Resp: 61220
Ion Ratio Lower Upper
95 100
174 71.7 0.0 135.8
176 69.2 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046663.D
Acq: 12 Jun 2025 14:53

Tgt Ion: 117 Resp: 114792
Ion Ratio Lower Upper
117 100
82 55.7 50.6 76.0
119 31.9 25.8 38.6

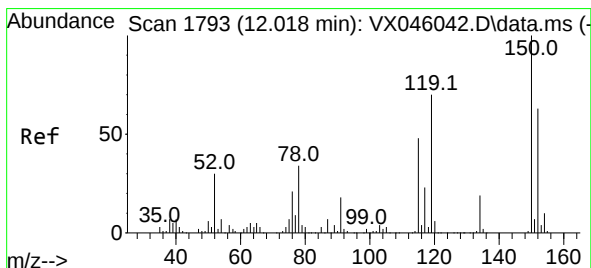
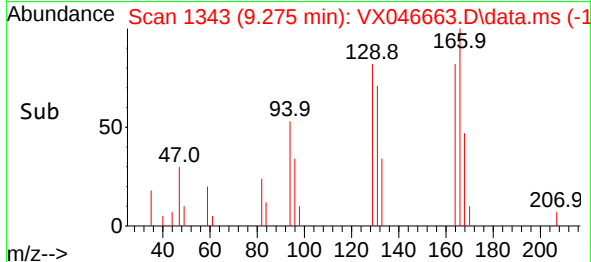
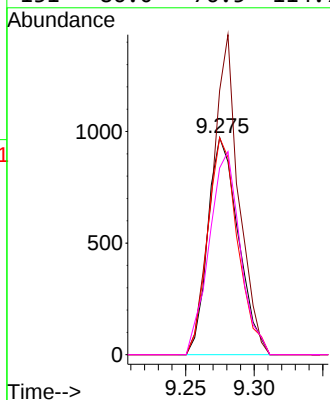
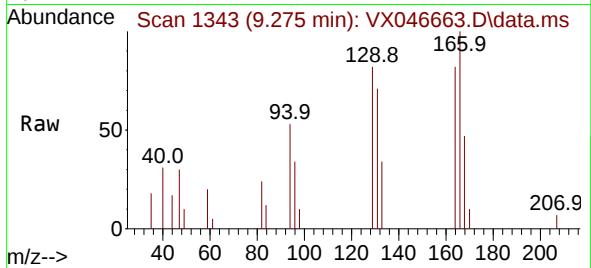




#64
Tetrachloroethene
Concen: 1.968 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046663.D
Acq: 12 Jun 2025 14:53

Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-060525

Tgt Ion:164	Resp:	1511
Ion	Ratio	Lower Upper
164	100	
166	121.7	105.0 157.6
129	99.9	83.5 125.3
131	86.0	76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046663.D
Acq: 12 Jun 2025 14:53

Tgt Ion:152	Resp:	58805
Ion	Ratio	Lower Upper
152	100	
115	62.1	46.9 140.7
150	157.6	0.0 351.0

