

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
 Data File : VX046598.D
 Acq On : 10 Jun 2025 13:34
 Operator : JC/MD
 Sample : Q2233-04DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19B-72-060425DL

Quant Time: Jun 11 01:46:59 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)

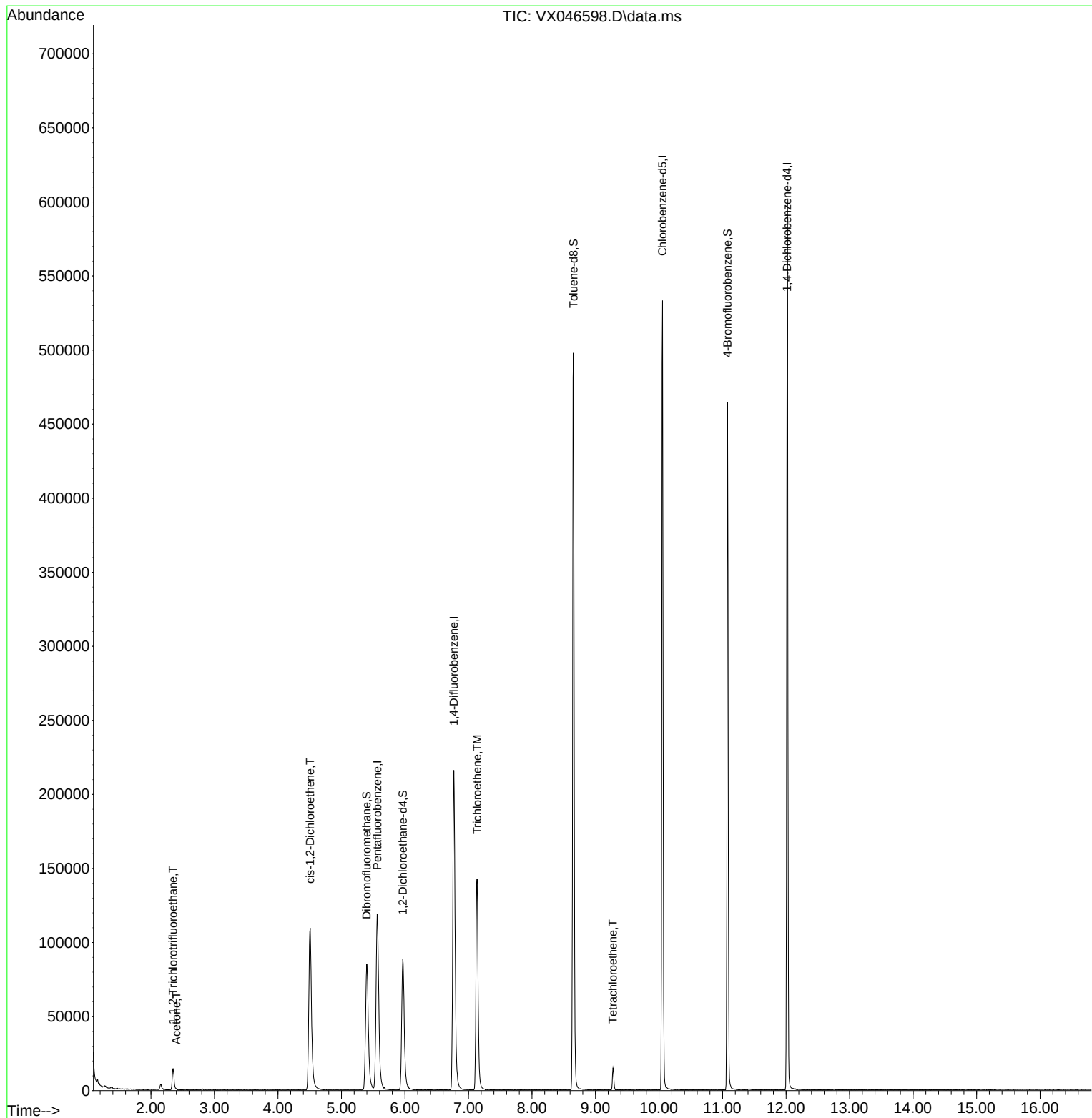
Internal Standards						
1) Pentafluorobenzene	5.562	168	114321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	223942	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	116361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	94127	46.279	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.560%
35) Dibromofluoromethane	5.397	113	79249	48.121	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.240%
50) Toluene-d8	8.653	98	297442	54.783	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.560%
62) 4-Bromofluorobenzene	11.079	95	122514	54.537	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.080%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.349	101	6291	4.191	ug/l	96
16) Acetone	2.398	43	442	5.138	ug/l	91
27) cis-1,2-Dichloroethene	4.507	96	76787	43.427	ug/l	82
44) Trichloroethene	7.135	130	58002	34.470	ug/l	99
64) Tetrachloroethene	9.275	164	2766	1.791	ug/l	98

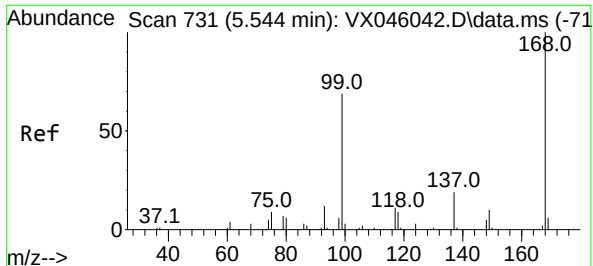
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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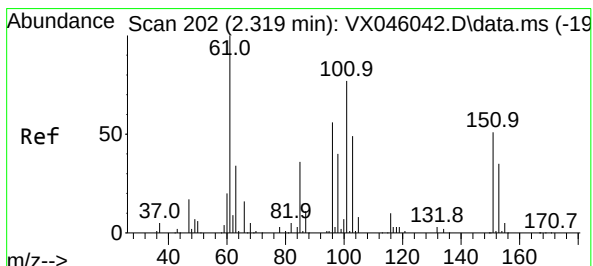
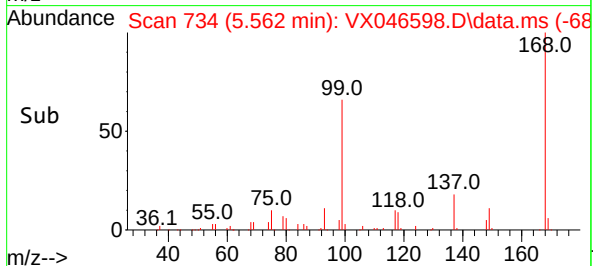
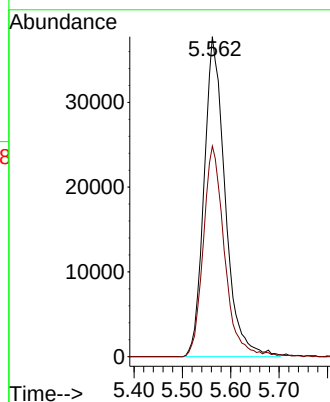
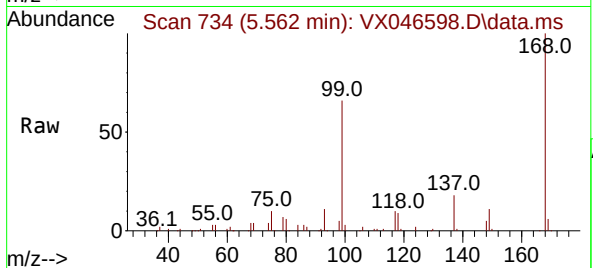




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046598.D
Acq: 10 Jun 2025 13:34

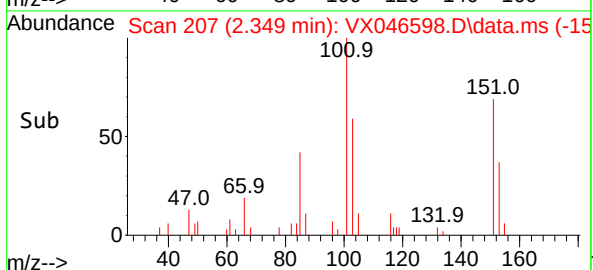
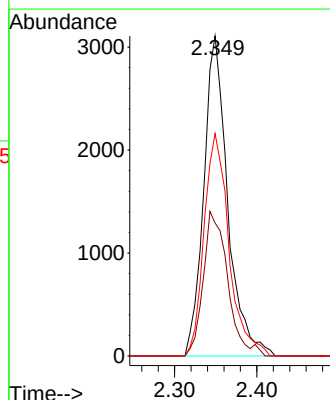
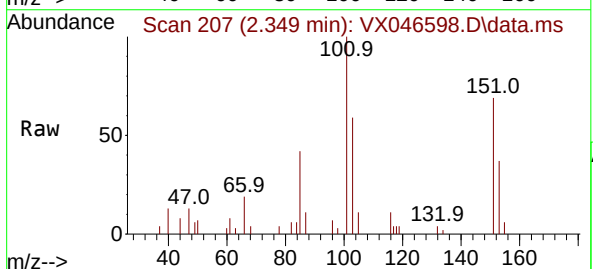
Instrument :
MSVOA_X
ClientSampleId :
MW-19B-72-060425DL

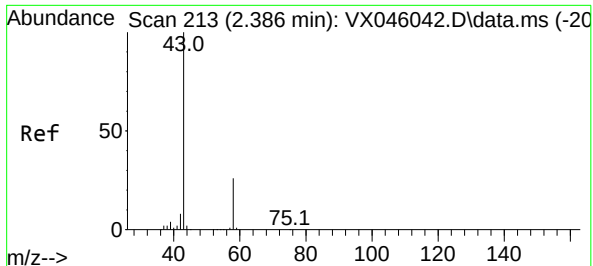
Tgt Ion:168 Resp: 114321
Ion Ratio Lower Upper
168 100
99 65.8 54.9 82.3



#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.191 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX046598.D
Acq: 10 Jun 2025 13:34

Tgt Ion:101 Resp: 6291
Ion Ratio Lower Upper
101 100
85 46.0 38.6 58.0
151 72.2 55.2 82.8

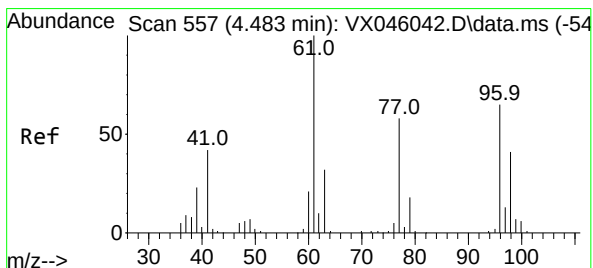
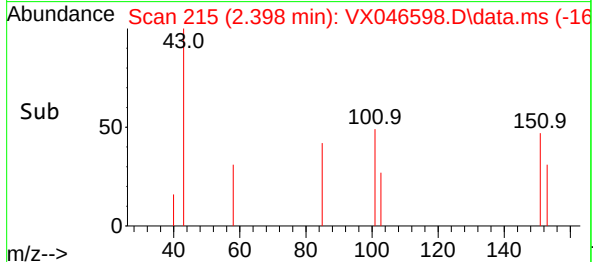
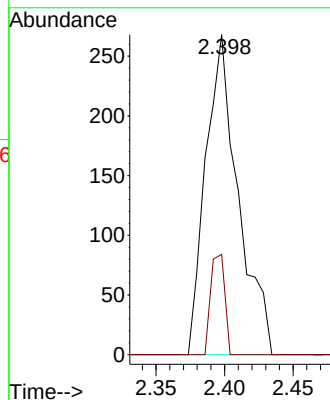
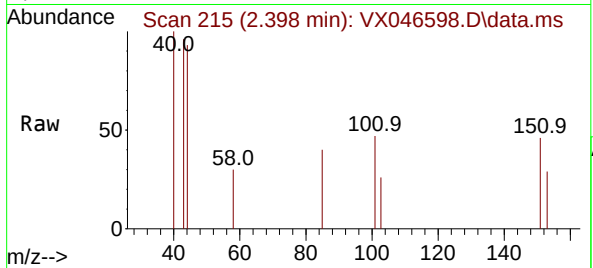




#16
Acetone
Concen: 5.138 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX046598.D
Acq: 10 Jun 2025 13:34

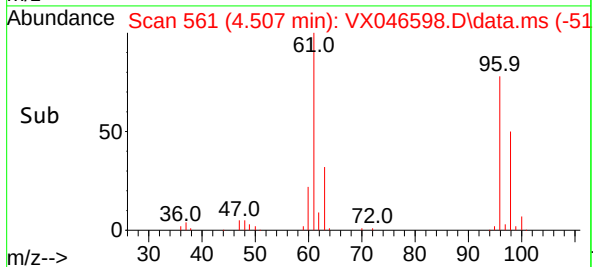
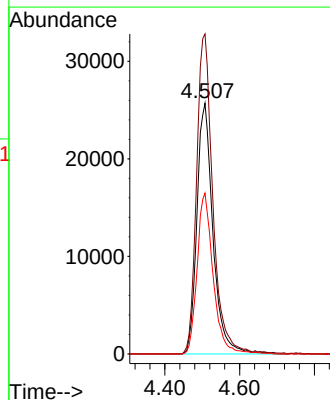
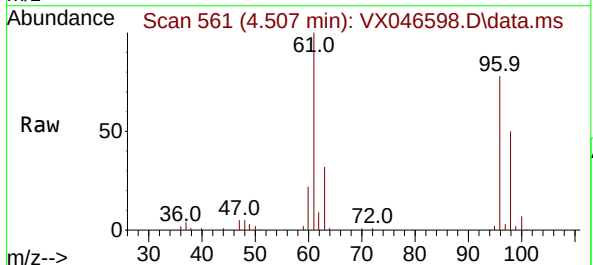
Instrument :
MSVOA_X
ClientSampleId :
MW-19B-72-060425DL

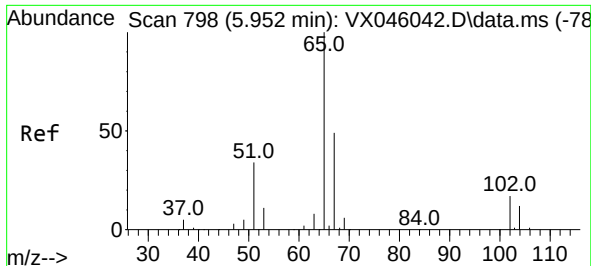
Tgt Ion: 43 Resp: 442
Ion Ratio Lower Upper
43 100
58 31.3 21.2 31.8



#27
cis-1,2-Dichloroethene
Concen: 43.427 ug/l
RT: 4.507 min Scan# 561
Delta R.T. 0.000 min
Lab File: VX046598.D
Acq: 10 Jun 2025 13:34

Tgt Ion: 96 Resp: 76787
Ion Ratio Lower Upper
96 100
61 128.5 0.0 322.8
98 63.8 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 46.279 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.006 min

Lab File: VX046598.D

Acq: 10 Jun 2025 13:34

Instrument :

MSVOA_X

ClientSampleId :

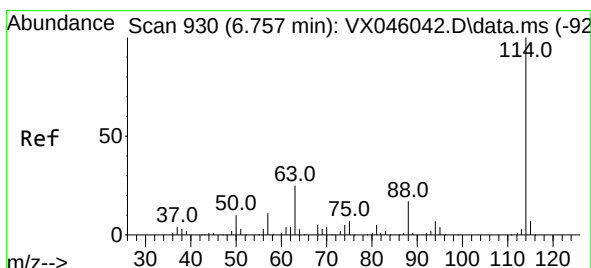
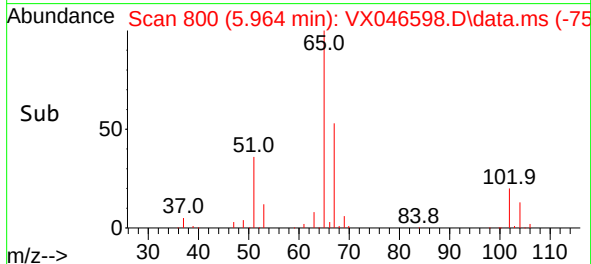
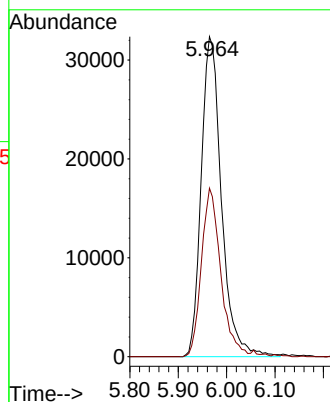
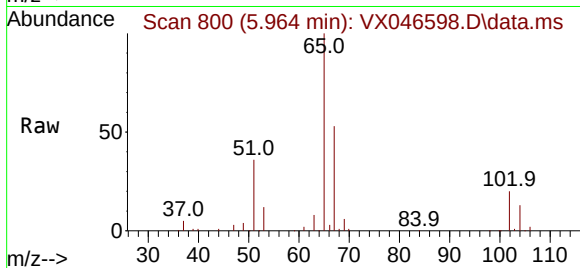
MW-19B-72-060425DL

Tgt Ion: 65 Resp: 94127

Ion Ratio Lower Upper

65 100

67 50.4 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.006 min

Lab File: VX046598.D

Acq: 10 Jun 2025 13:34

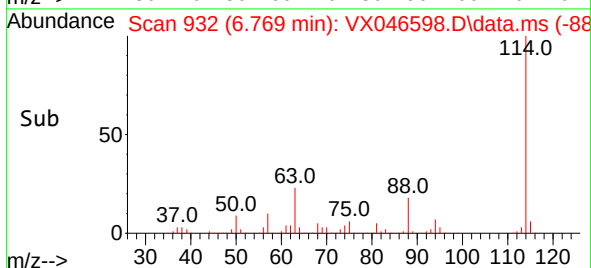
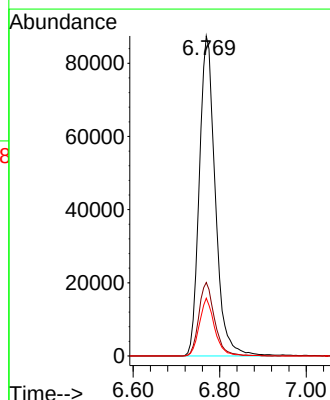
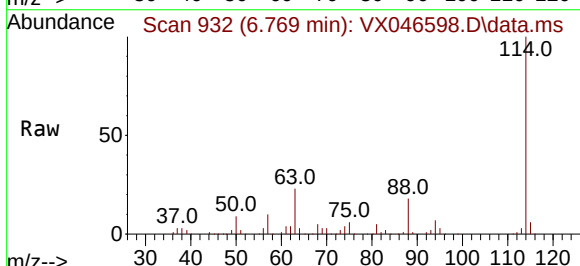
Tgt Ion: 114 Resp: 223942

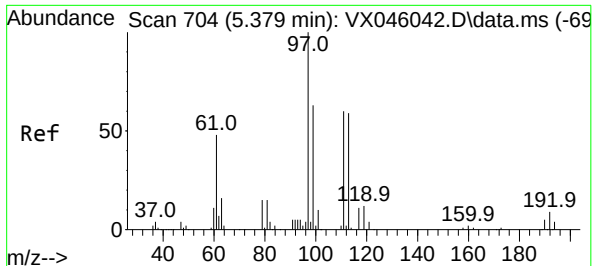
Ion Ratio Lower Upper

114 100

63 23.0 0.0 49.2

88 18.0 0.0 33.6

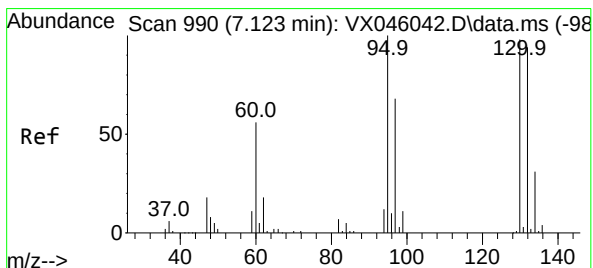
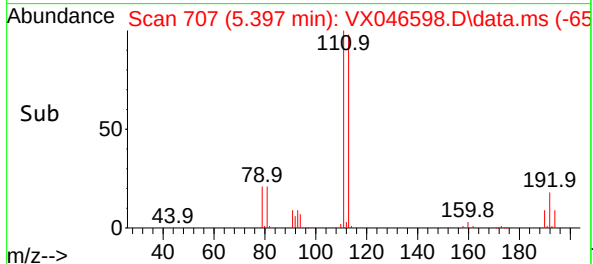
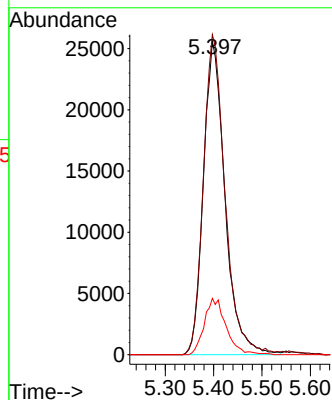
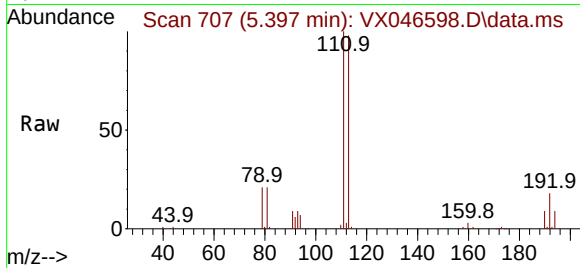




#35
Dibromofluoromethane
Concen: 48.121 ug/l
RT: 5.397 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX046598.D
Acq: 10 Jun 2025 13:34

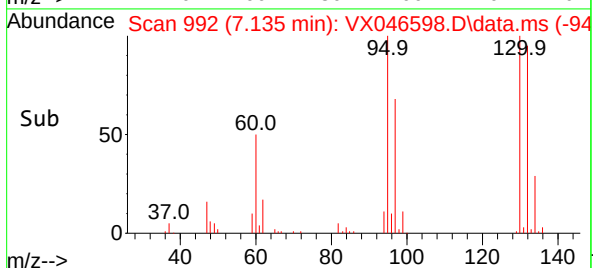
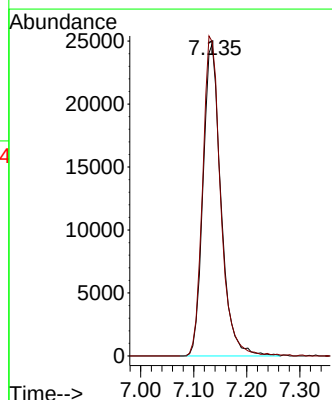
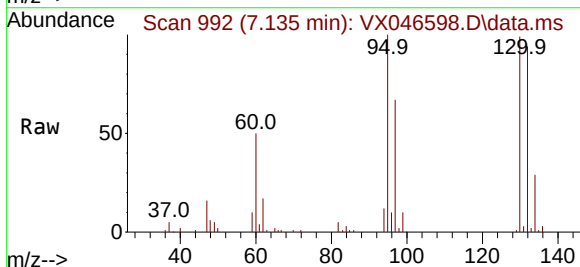
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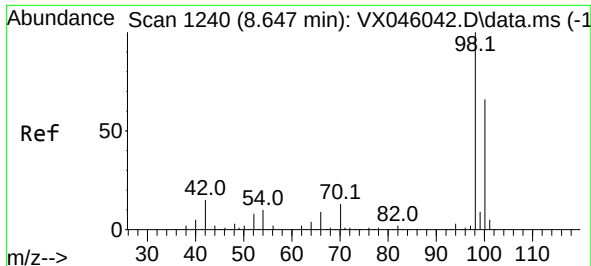
Tgt Ion:113 Resp: 79249
Ion Ratio Lower Upper
113 100
111 102.6 83.1 124.7
192 18.2 13.3 19.9



#44
Trichloroethene
Concen: 34.470 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX046598.D
Acq: 10 Jun 2025 13:34

Tgt Ion:130 Resp: 58002
Ion Ratio Lower Upper
130 100
95 100.8 0.0 204.2

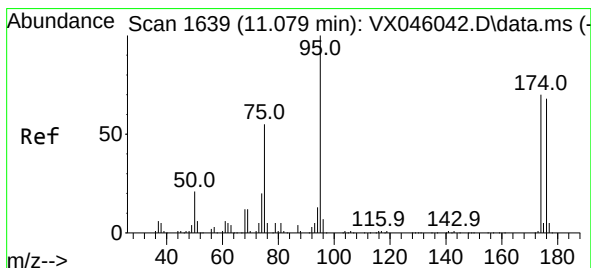
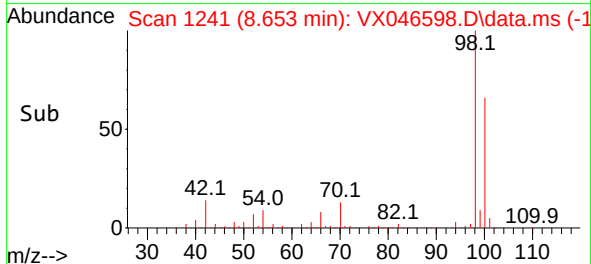
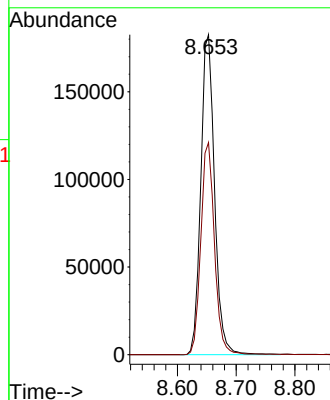
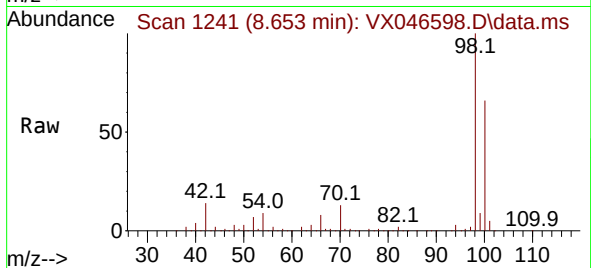




#50
Toluene-d8
Concen: 54.783 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046598.D
Acq: 10 Jun 2025 13:34

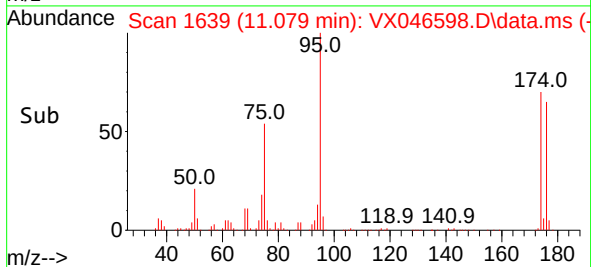
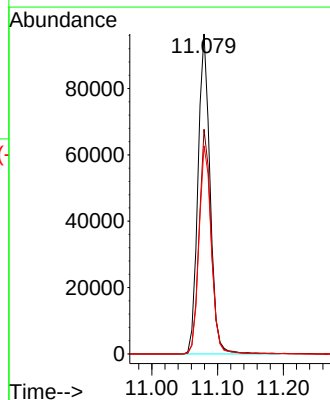
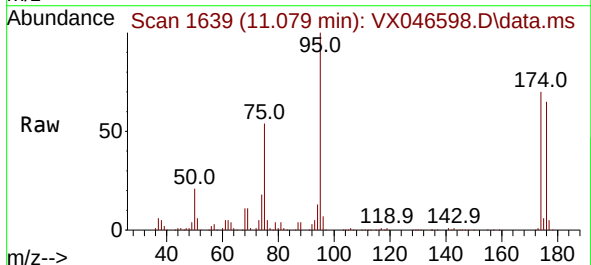
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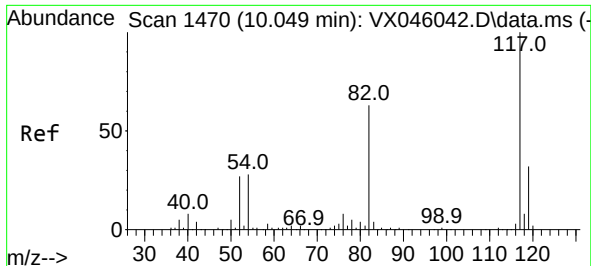
Tgt Ion: 98 Resp: 297442
Ion Ratio Lower Upper
98 100
100 65.8 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 54.537 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046598.D
Acq: 10 Jun 2025 13:34

Tgt Ion: 95 Resp: 122514
Ion Ratio Lower Upper
95 100
174 69.7 0.0 135.8
176 66.2 0.0 131.4

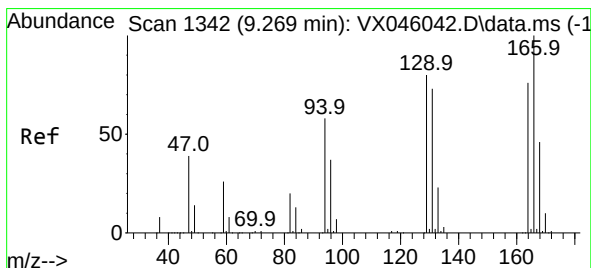
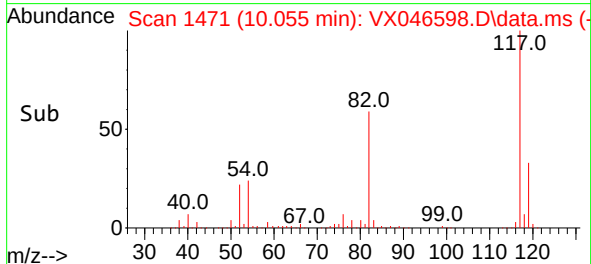
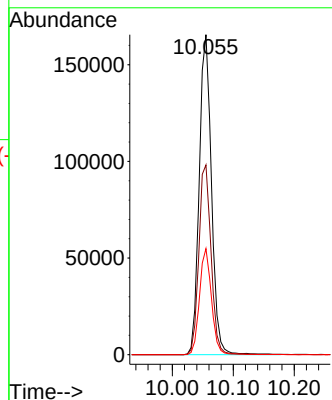
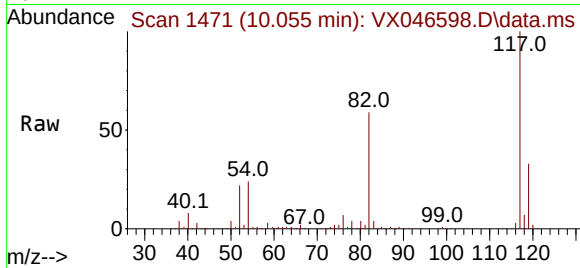




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046598.D
Acq: 10 Jun 2025 13:34

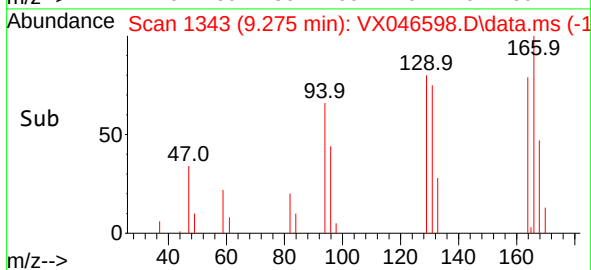
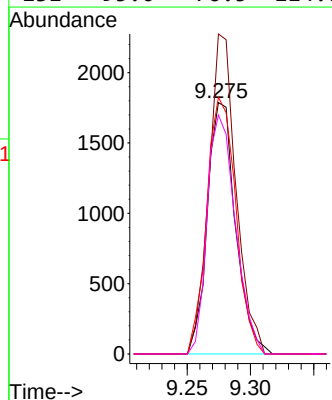
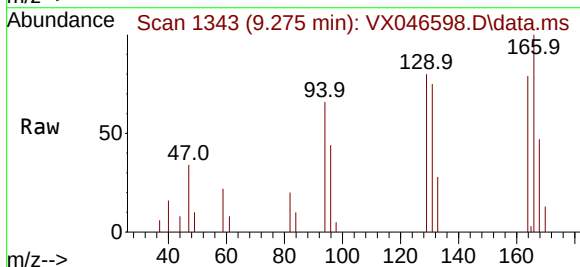
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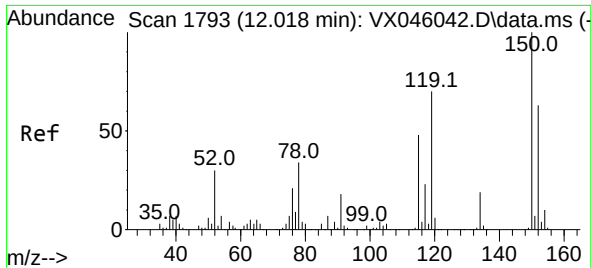
Tgt Ion:117 Resp: 230937
Ion Ratio Lower Upper
117 100
82 59.3 50.6 76.0
119 33.1 25.8 38.6



#64
Tetrachloroethene
Concen: 1.791 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046598.D
Acq: 10 Jun 2025 13:34

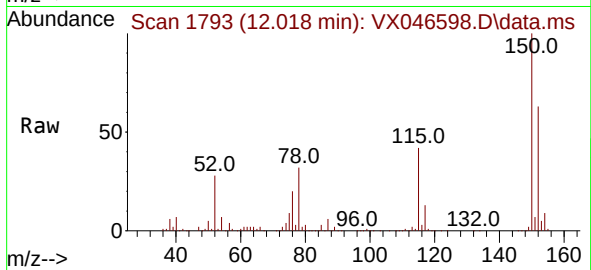
Tgt Ion:164 Resp: 2766
Ion Ratio Lower Upper
164 100
166 127.3 105.0 157.6
129 102.2 83.5 125.3
131 95.0 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX046598.D
 Acq: 10 Jun 2025 13:34

Instrument :
 MSVOA_X
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 MW-19B-72-060425DL



Tgt Ion:152 Resp: 116361
 Ion Ratio Lower Upper
 152 100
 115 64.4 46.9 140.7
 150 155.8 0.0 351.0

