

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082025\
 Data File : VX047439.D
 Acq On : 20 Aug 2025 13:59
 Operator : JC/MD
 Sample : Q2869-05 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19B-71.5-081325-FD

Quant Time: Aug 21 01:31:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

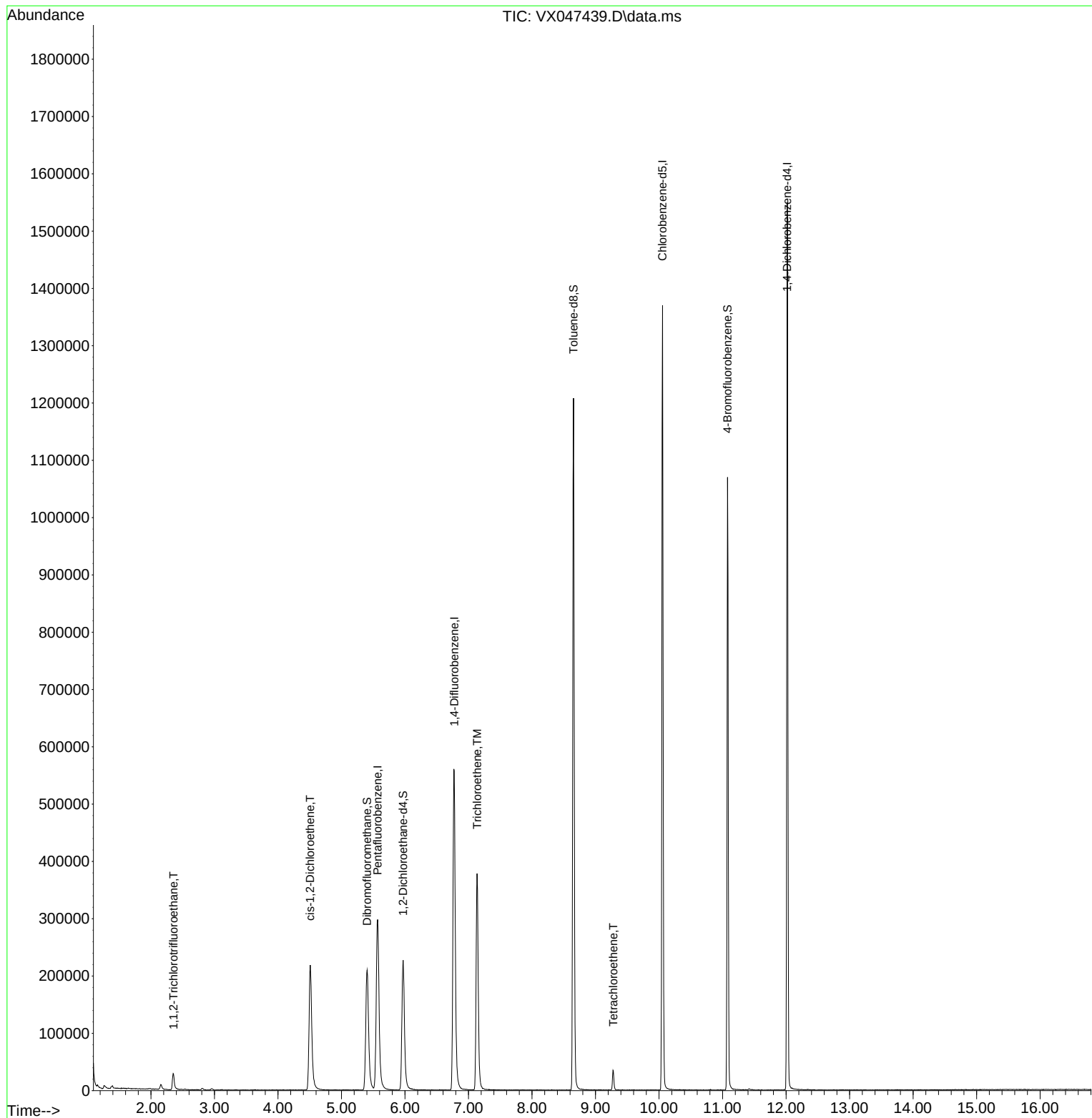
Internal Standards						
1) Pentafluorobenzene	5.568	168	303425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	608029	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	599147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	301736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	237099	55.834	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.660%
35) Dibromofluoromethane	5.403	113	199244	50.491	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.980%
50) Toluene-d8	8.653	98	718098	50.912	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.820%
62) 4-Bromofluorobenzene	11.079	95	286076	54.963	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.920%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.355	101	12596	3.361	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	151640	32.109	ug/l	91
44) Trichloroethene	7.135	130	158224	33.141	ug/l	96
64) Tetrachloroethene	9.281	164	6917	1.596	ug/l	95

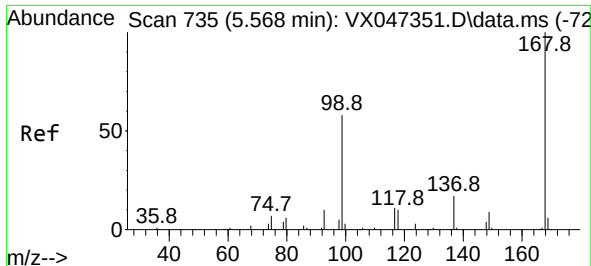
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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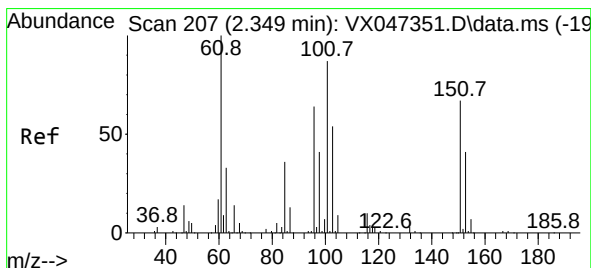
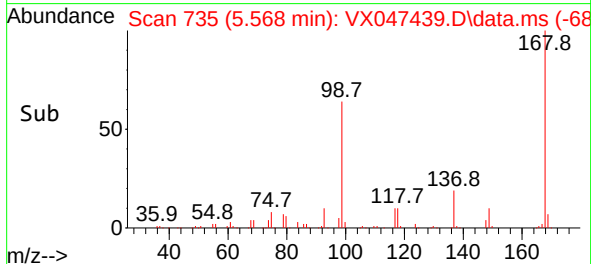
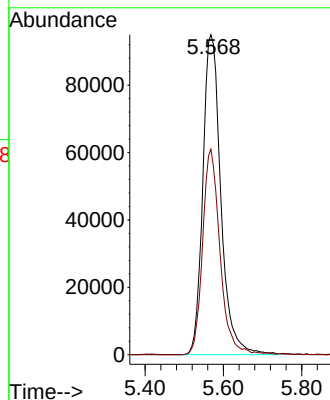
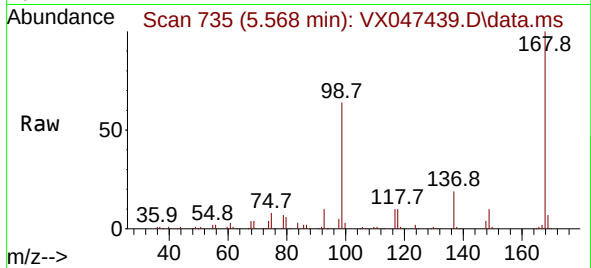




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047439.D
Acq: 20 Aug 2025 13:59

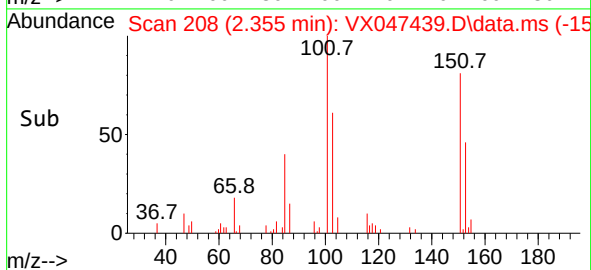
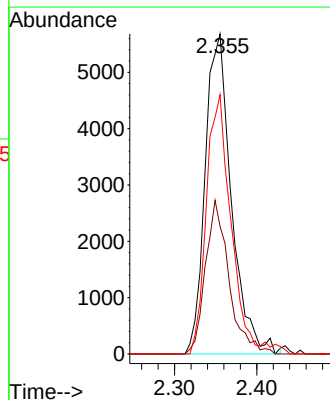
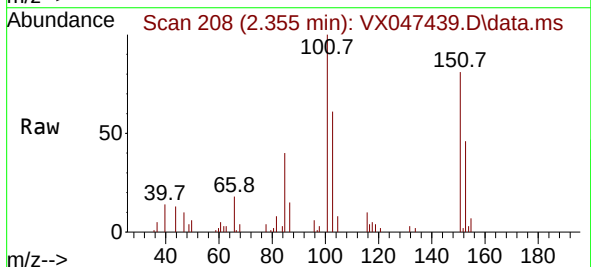
Instrument :
MSVOA_X
ClientSampleId :
MW-19B-71.5-081325-FD

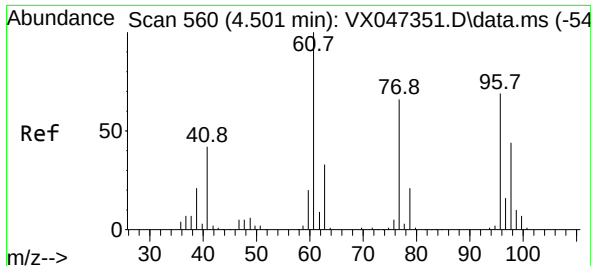
Tgt Ion:168 Resp: 303425
Ion Ratio Lower Upper
168 100
99 64.2 47.9 71.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.361 ug/l
RT: 2.355 min Scan# 208
Delta R.T. 0.006 min
Lab File: VX047439.D
Acq: 20 Aug 2025 13:59

Tgt Ion:101 Resp: 12596
Ion Ratio Lower Upper
101 100
85 43.2 34.3 51.5
151 75.0 59.2 88.8





#27

cis-1,2-Dichloroethene

Concen: 32.109 ug/l

RT: 4.507 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX047439.D

Acq: 20 Aug 2025 13:59

Instrument :

MSVOA_X

ClientSampleId :

MW-19B-71.5-081325-FD

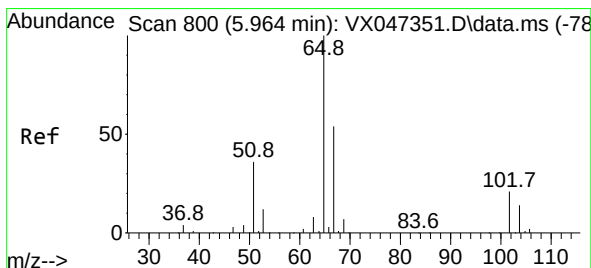
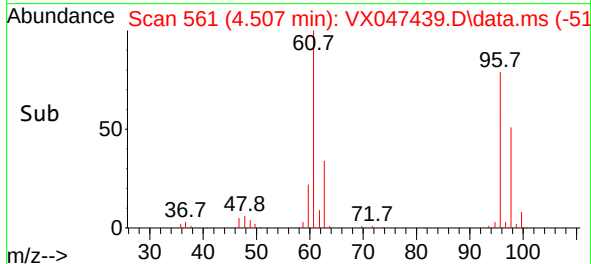
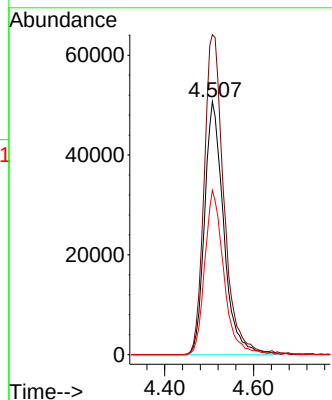
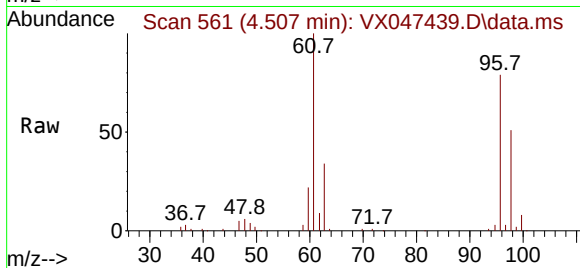
Tgt Ion: 96 Resp: 151640

Ion Ratio Lower Upper

96 100

61 131.3 0.0 296.6

98 64.8 0.0 130.4



#33

1,2-Dichloroethane-d4

Concen: 55.834 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.006 min

Lab File: VX047439.D

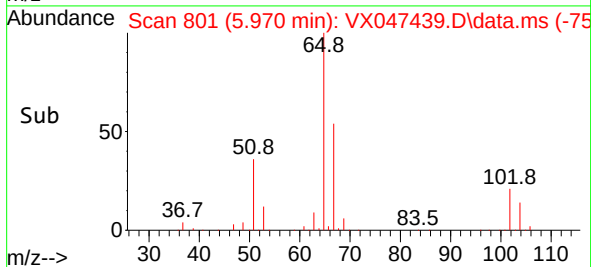
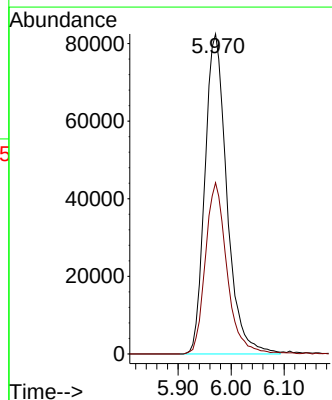
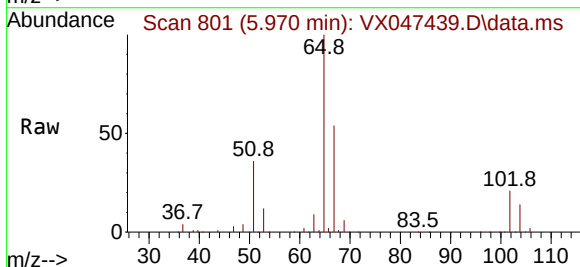
Acq: 20 Aug 2025 13:59

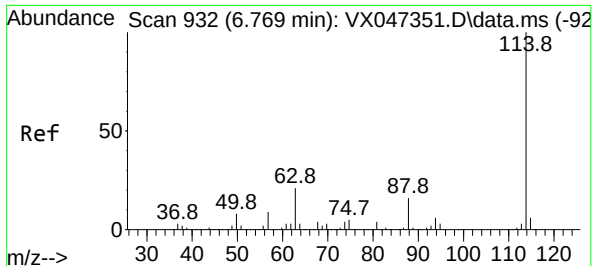
Tgt Ion: 65 Resp: 237099

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.0

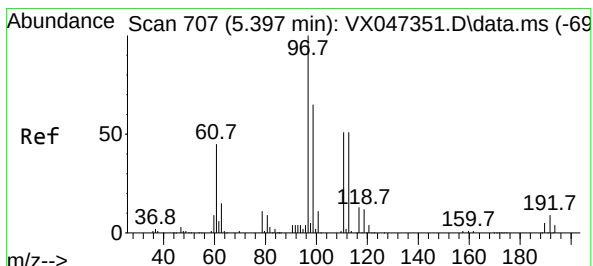
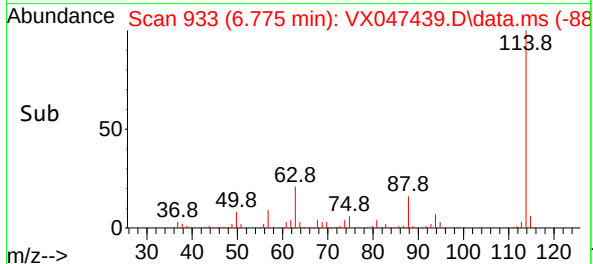
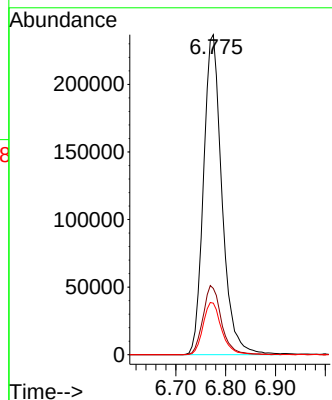
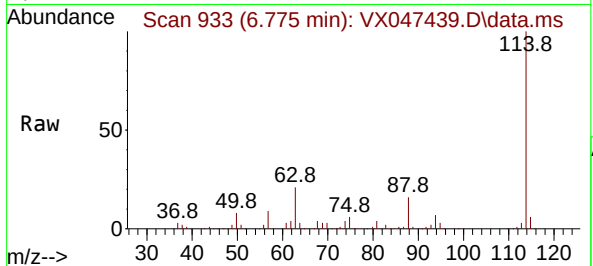




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047439.D
Acq: 20 Aug 2025 13:59

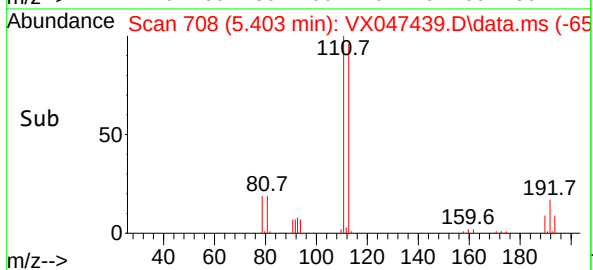
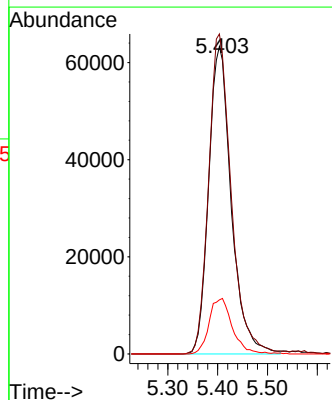
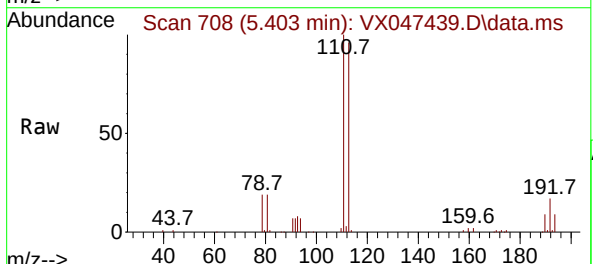
Instrument :
MSVOA_X
ClientSampleId :
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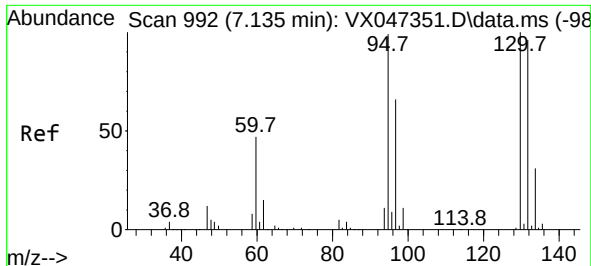
Tgt Ion:114 Resp: 608029
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.4
88 16.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.491 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047439.D
Acq: 20 Aug 2025 13:59

Tgt Ion:113 Resp: 199244
Ion Ratio Lower Upper
113 100
111 104.2 81.4 122.2
192 18.5 14.1 21.1

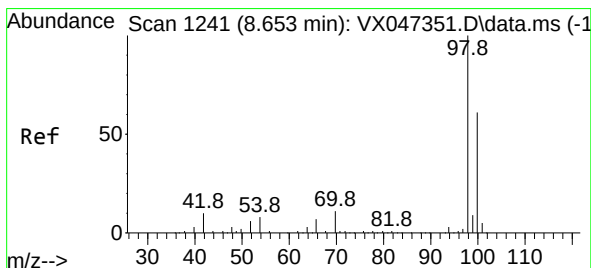
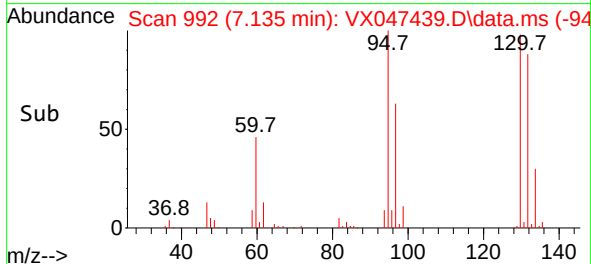
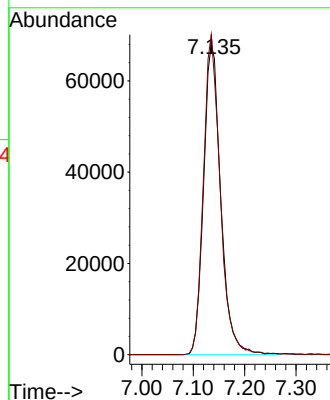
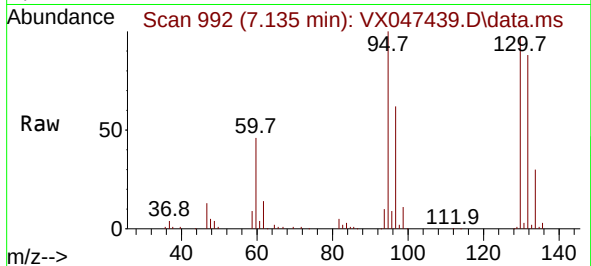




#44
Trichloroethene
Concen: 33.141 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.000 min
Lab File: VX047439.D
Acq: 20 Aug 2025 13:59

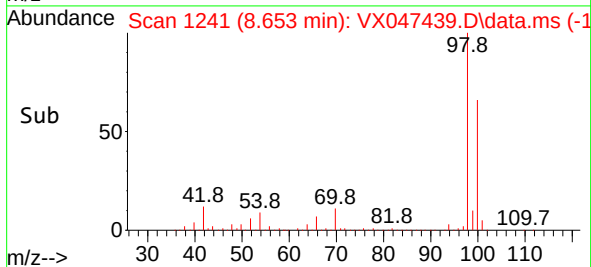
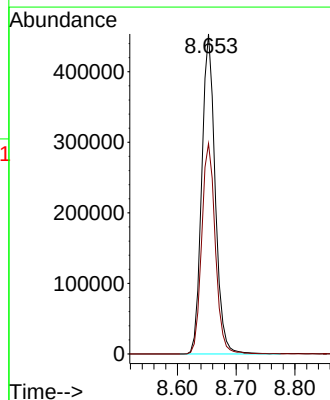
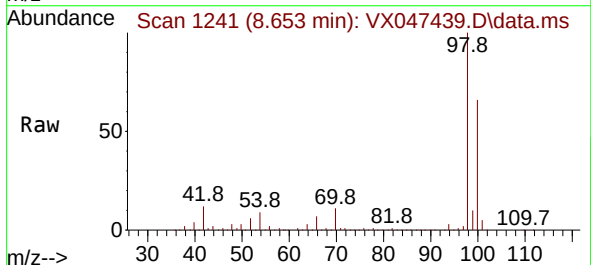
Instrument :
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ClientSampleId :
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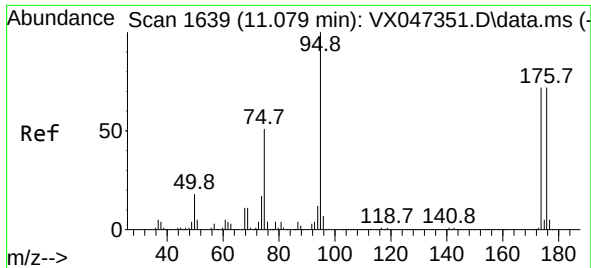
Tgt Ion:130 Resp: 158224
Ion Ratio Lower Upper
130 100
95 102.8 0.0 198.6



#50
Toluene-d8
Concen: 50.912 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047439.D
Acq: 20 Aug 2025 13:59

Tgt Ion: 98 Resp: 718098
Ion Ratio Lower Upper
98 100
100 66.6 53.9 80.9

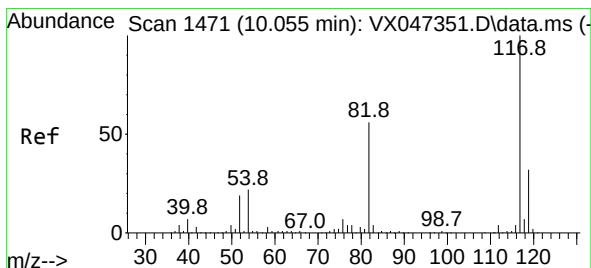
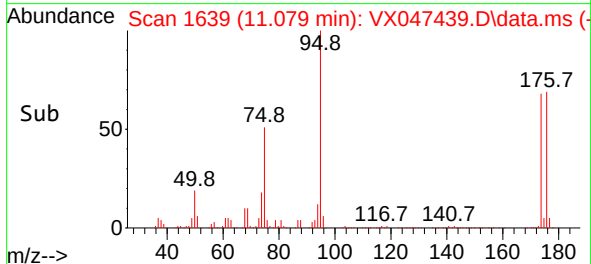
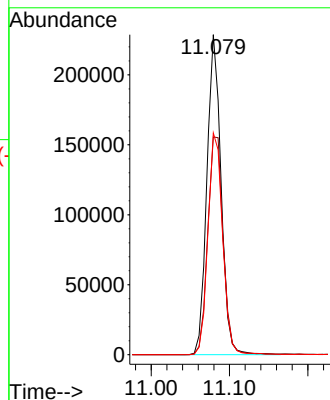
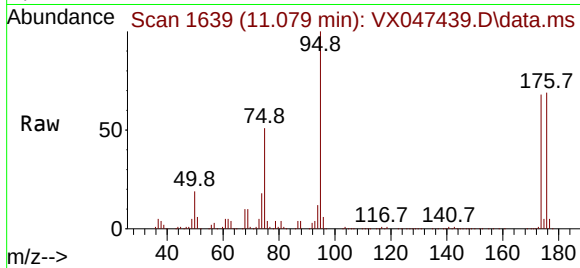




#62
4-Bromofluorobenzene
Concen: 54.963 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047439.D
Acq: 20 Aug 2025 13:59

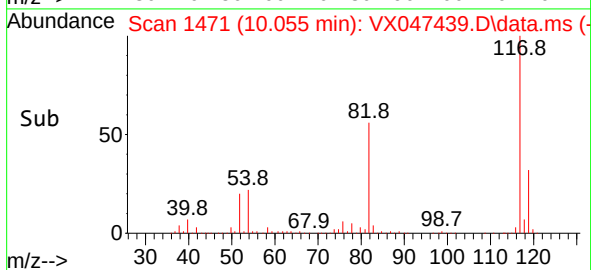
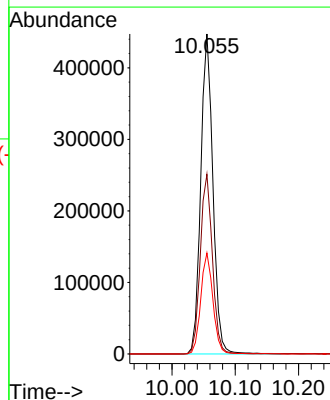
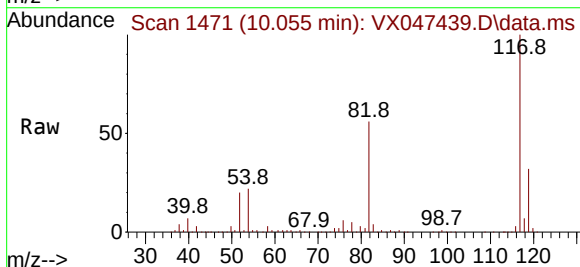
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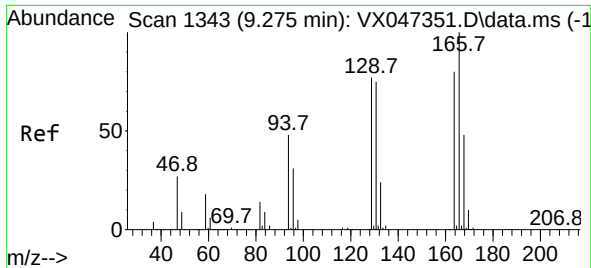
Tgt Ion: 95 Resp: 286076
Ion Ratio Lower Upper
95 100
174 74.7 0.0 148.0
176 72.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047439.D
Acq: 20 Aug 2025 13:59

Tgt Ion: 117 Resp: 599147
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.4
119 31.6 25.8 38.8

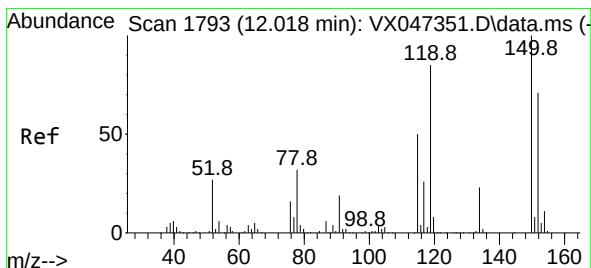
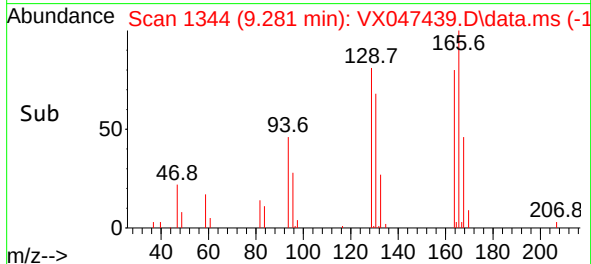
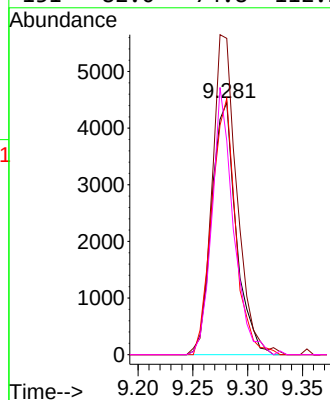
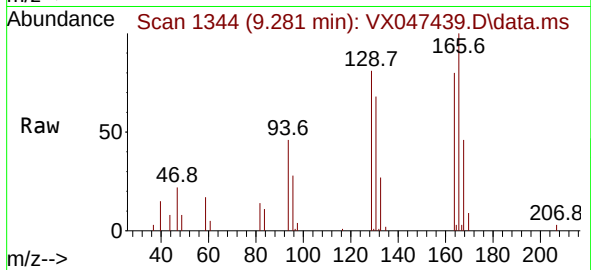




#64
Tetrachloroethene
Concen: 1.596 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047439.D
Acq: 20 Aug 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
MW-19B-71.5-081325-FD

Tgt Ion:164	Resp:	6917
Ion	Ratio	Lower Upper
164	100	
166	121.3	100.3 150.5
129	98.2	77.7 116.5
131	82.0	74.8 112.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047439.D
Acq: 20 Aug 2025 13:59

Tgt Ion:152	Resp:	301736
Ion	Ratio	Lower Upper
152	100	
115	61.7	44.6 133.8
150	156.8	0.0 349.8

