

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
 Data File : VX047410.D
 Acq On : 19 Aug 2025 14:29
 Operator : JC/MD
 Sample : Q2841-01 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-06-6.5-08122025

Quant Time: Aug 19 14:46:11 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)

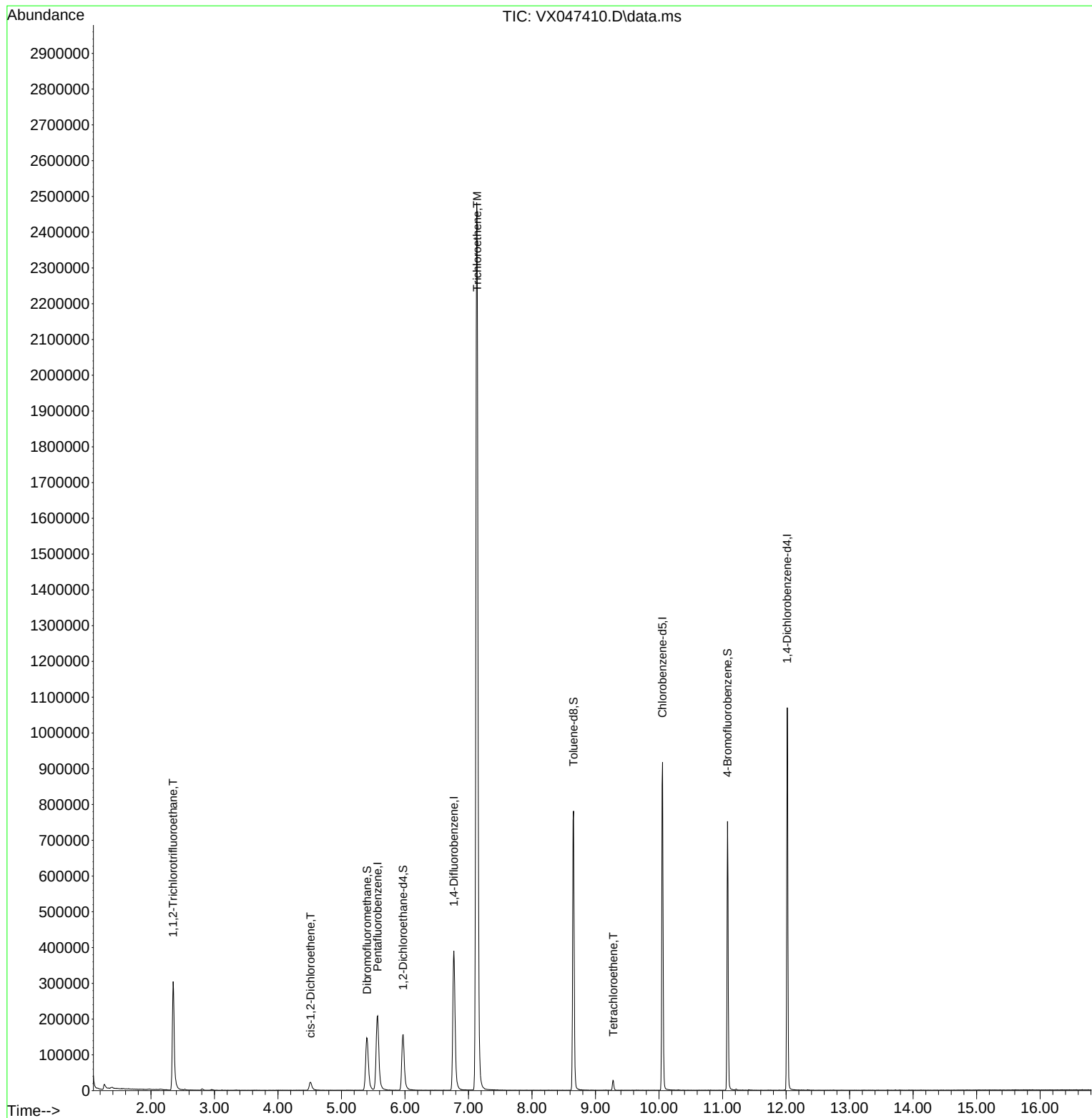
Internal Standards						
1) Pentafluorobenzene	5.568	168	210753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	423890	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	415490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	214606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	167838	56.903	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.800%
35) Dibromofluoromethane	5.404	113	140086	50.920	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.840%
50) Toluene-d8	8.653	98	484493	49.272	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.540%
62) 4-Bromofluorobenzene	11.079	95	200479	55.250	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.500%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.349	101	140414	53.946	ug/l	99
27) cis-1,2-Dichloroethene	4.513	96	15656	4.773	ug/l	93
44) Trichloroethene	7.135	130	1023656	307.552	ug/l	98
64) Tetrachloroethene	9.281	164	5773	1.921	ug/l #	89

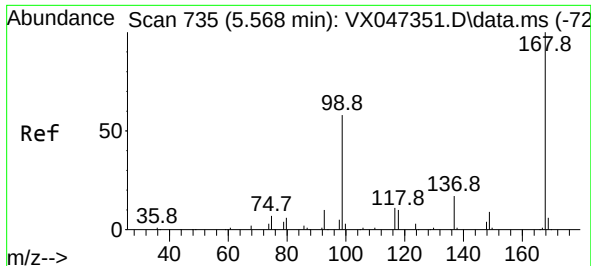
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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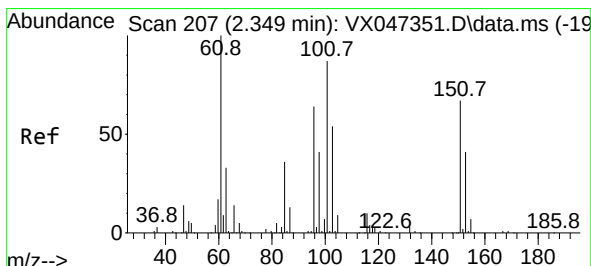
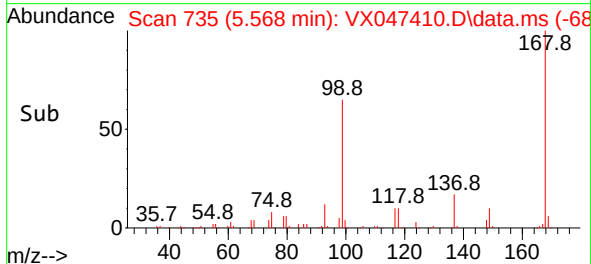
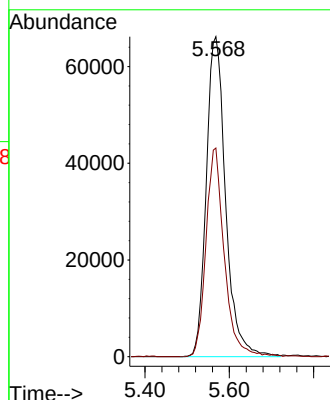
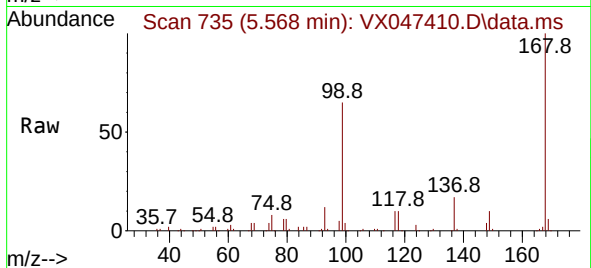




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047410.D
Acq: 19 Aug 2025 14:29

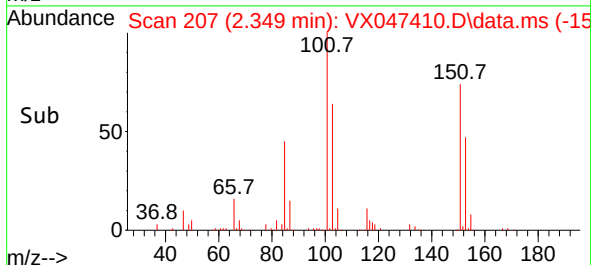
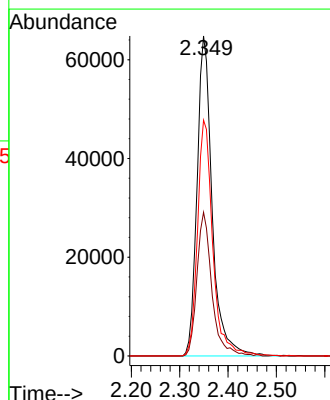
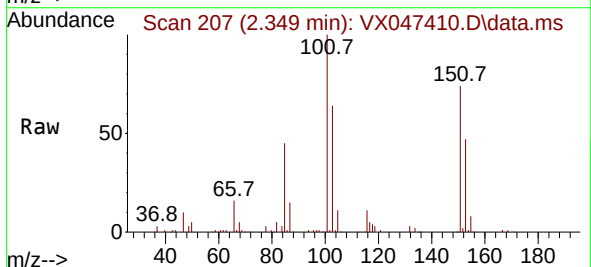
Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-08122025

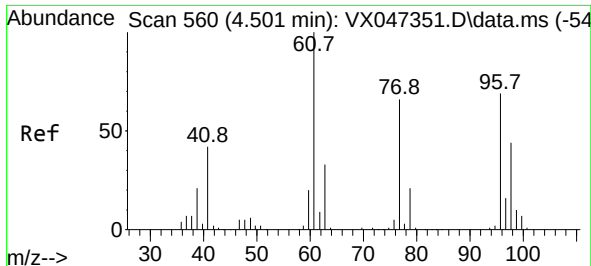
Tgt Ion:168 Resp: 210753
Ion Ratio Lower Upper
168 100
99 65.2 47.9 71.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.946 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX047410.D
Acq: 19 Aug 2025 14:29

Tgt Ion:101 Resp: 140414
Ion Ratio Lower Upper
101 100
85 44.4 34.3 51.5
151 74.6 59.2 88.8





#27

cis-1,2-Dichloroethene

Concen: 4.773 ug/l

RT: 4.513 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX047410.D

Acq: 19 Aug 2025 14:29

Instrument :

MSVOA_X

ClientSampleId :

MW-06-6.5-08122025

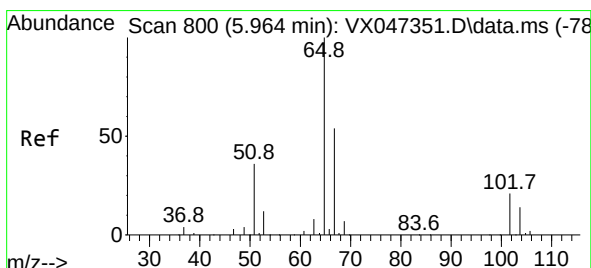
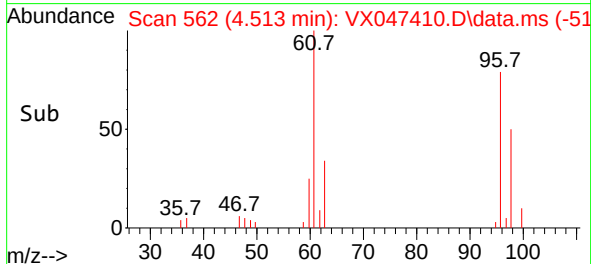
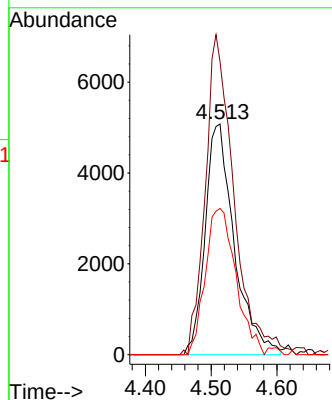
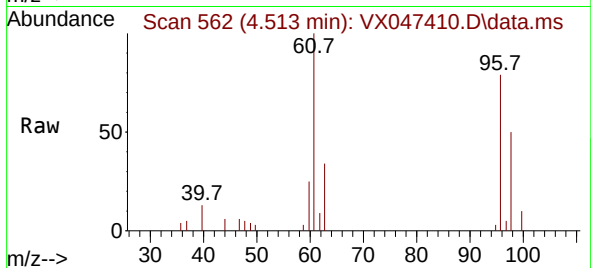
Tgt Ion: 96 Resp: 15656

Ion Ratio Lower Upper

96 100

61 136.3 0.0 296.6

98 66.4 0.0 130.4



#33

1,2-Dichloroethane-d4

Concen: 56.903 ug/l

RT: 5.971 min Scan# 801

Delta R.T. 0.006 min

Lab File: VX047410.D

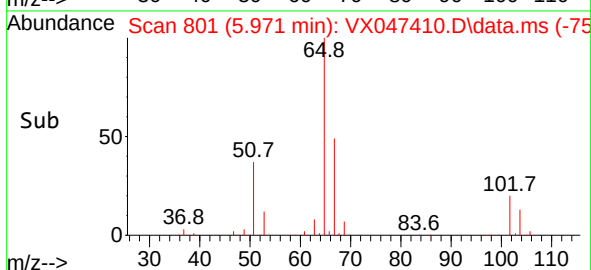
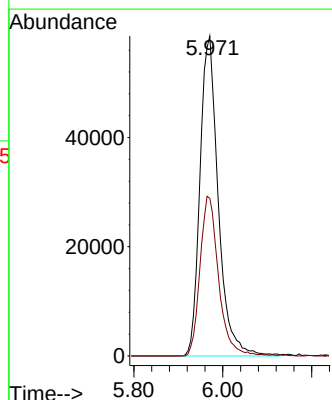
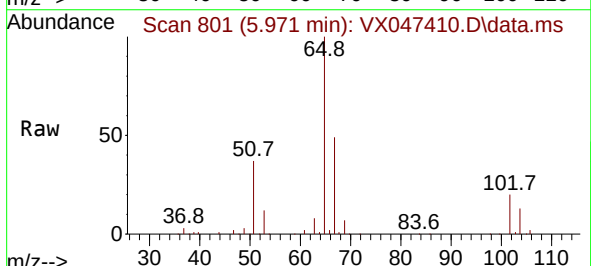
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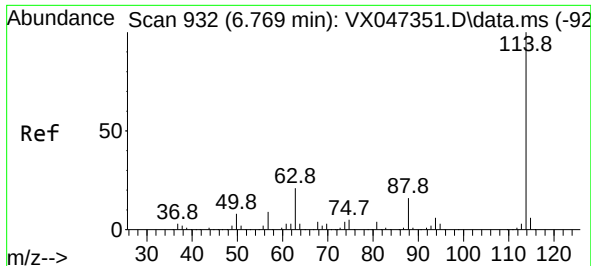
Tgt Ion: 65 Resp: 167838

Ion Ratio Lower Upper

65 100

67 50.7 0.0 106.0

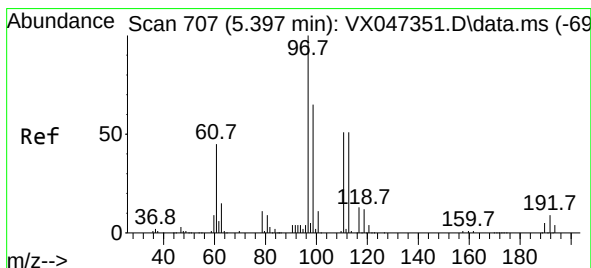
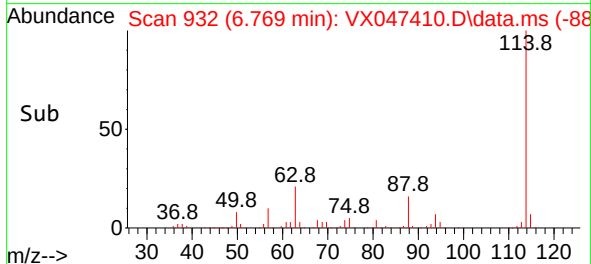
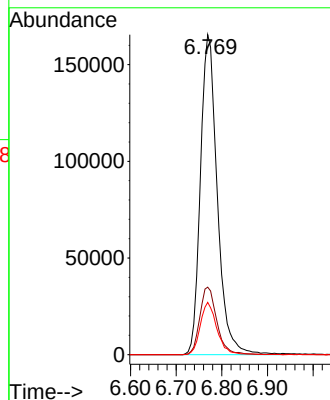
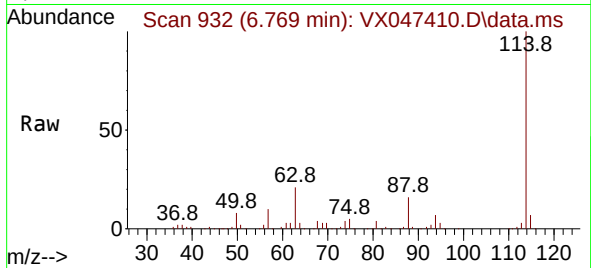




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047410.D
Acq: 19 Aug 2025 14:29

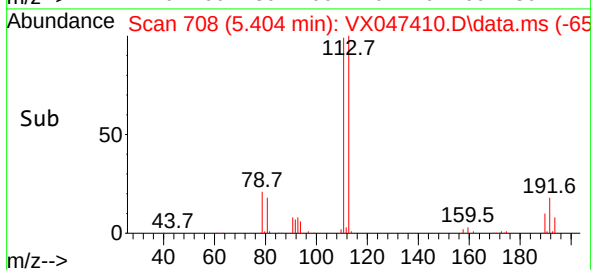
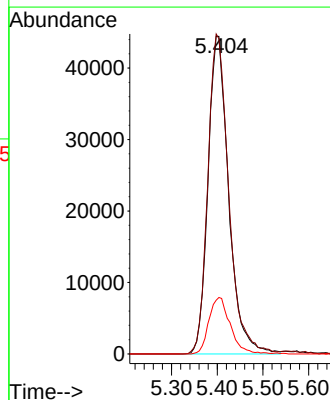
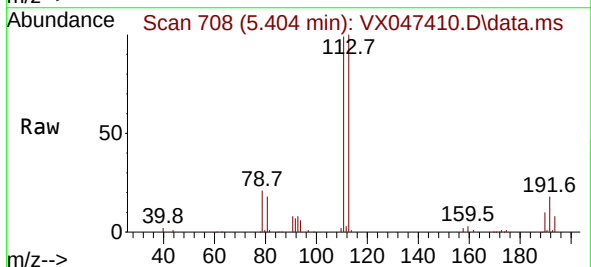
Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-08122025

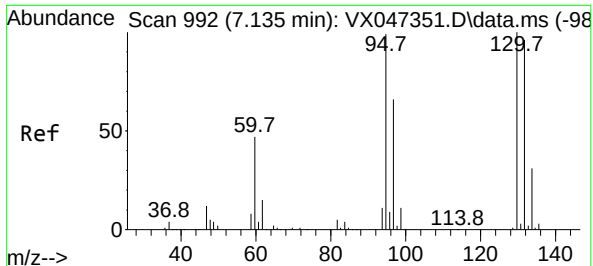
Tgt Ion:114 Resp: 423890
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.4
88 16.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.920 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047410.D
Acq: 19 Aug 2025 14:29

Tgt Ion:113 Resp: 140086
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.2
192 18.4 14.1 21.1

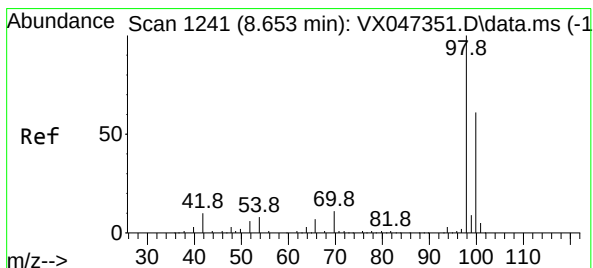
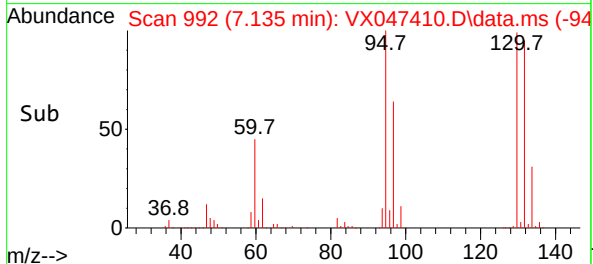
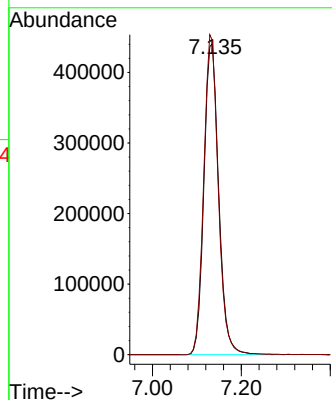
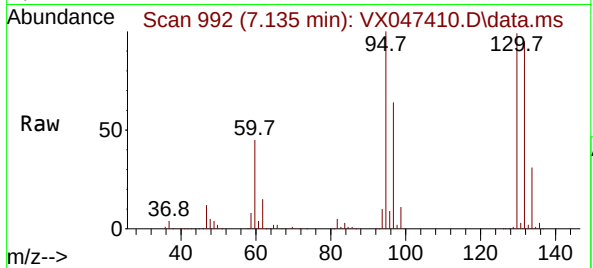




#44
Trichloroethene
Concen: 307.552 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.000 min
Lab File: VX047410.D
Acq: 19 Aug 2025 14:29

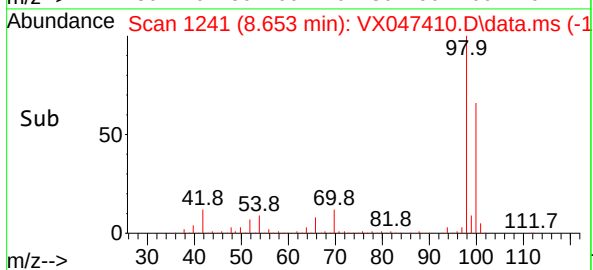
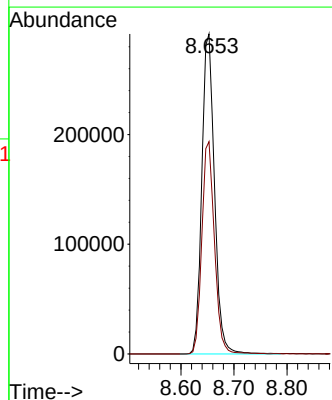
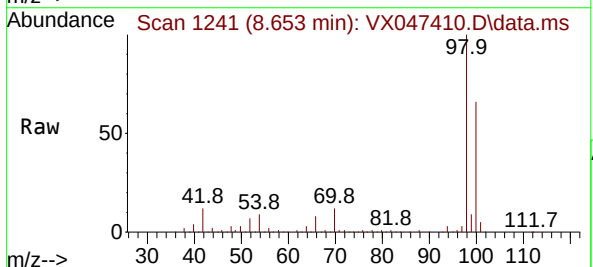
Instrument :
MSVOA_X
ClientSampleId :
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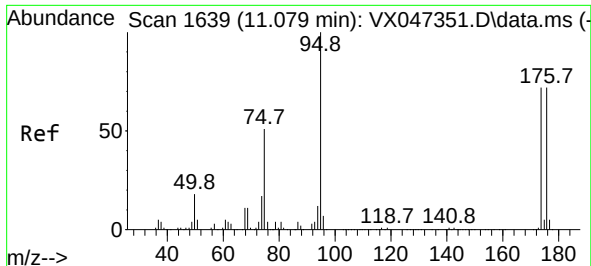
Tgt Ion:130 Resp: 1023656
Ion Ratio Lower Upper
130 100
95 101.1 0.0 198.6



#50
Toluene-d8
Concen: 49.272 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047410.D
Acq: 19 Aug 2025 14:29

Tgt Ion: 98 Resp: 484493
Ion Ratio Lower Upper
98 100
100 66.1 53.9 80.9

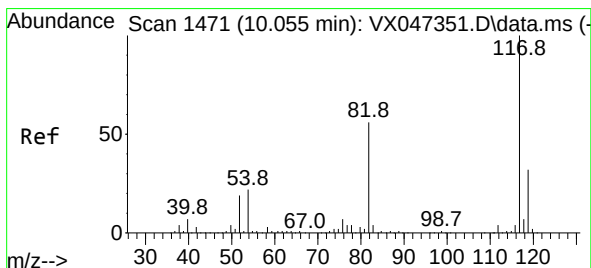
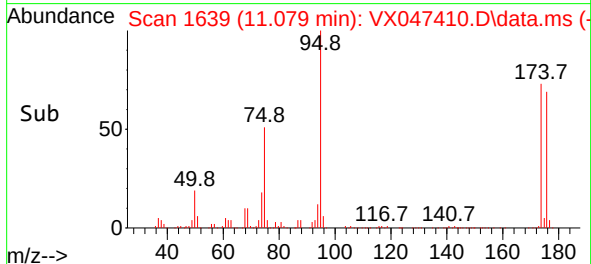
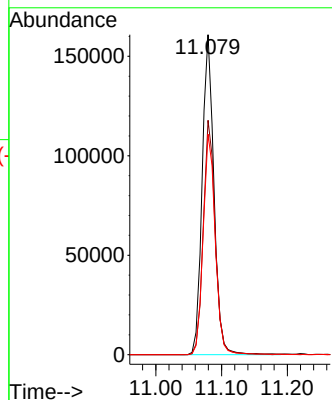
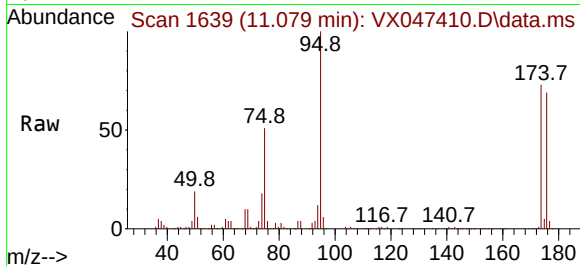




#62
4-Bromofluorobenzene
Concen: 55.250 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047410.D
Acq: 19 Aug 2025 14:29

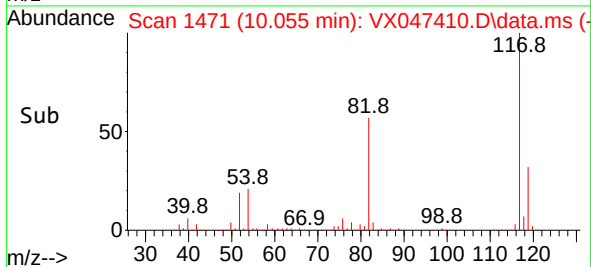
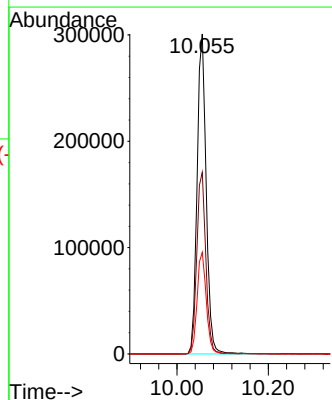
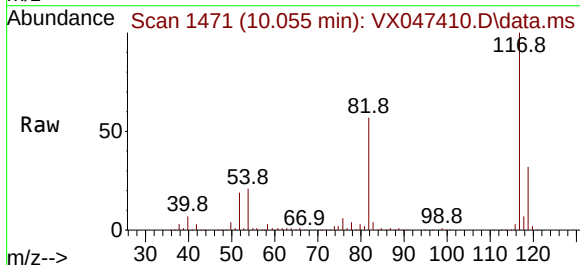
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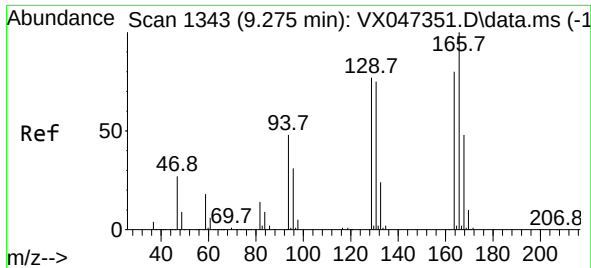
Tgt Ion: 95 Resp: 200479
Ion Ratio Lower Upper
95 100
174 74.0 0.0 148.0
176 70.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047410.D
Acq: 19 Aug 2025 14:29

Tgt Ion: 117 Resp: 415490
Ion Ratio Lower Upper
117 100
82 56.8 45.0 67.4
119 31.8 25.8 38.8

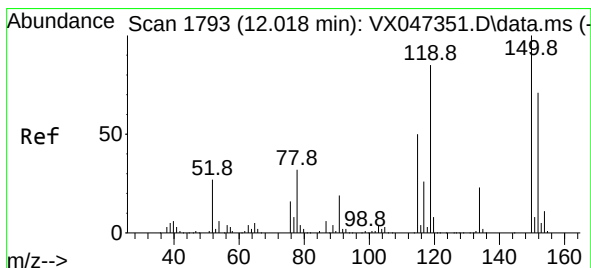
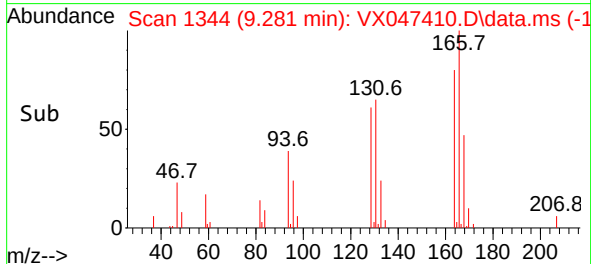
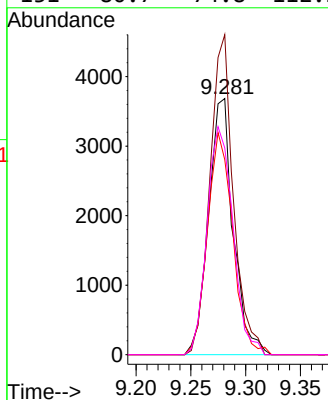
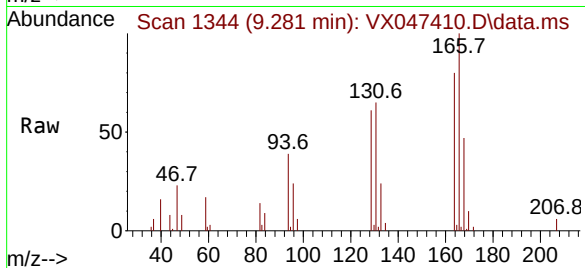




#64
Tetrachloroethene
Concen: 1.921 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047410.D
Acq: 19 Aug 2025 14:29

Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-08122025

Tgt Ion:164 Resp: 5773
Ion Ratio Lower Upper
164 100
166 127.0 100.3 150.5
129 76.1 77.7 116.5#
131 80.7 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: VX047410.D
Acq: 19 Aug 2025 14:29

Tgt Ion:152 Resp: 214606
Ion Ratio Lower Upper
152 100
115 61.7 44.6 133.8
150 155.0 0.0 349.8

