

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082125\
 Data File : VX047476.D
 Acq On : 21 Aug 2025 17:17
 Operator : JC/MD
 Sample : Q2903-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1B-081925

Quant Time: Aug 22 03:51:43 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)

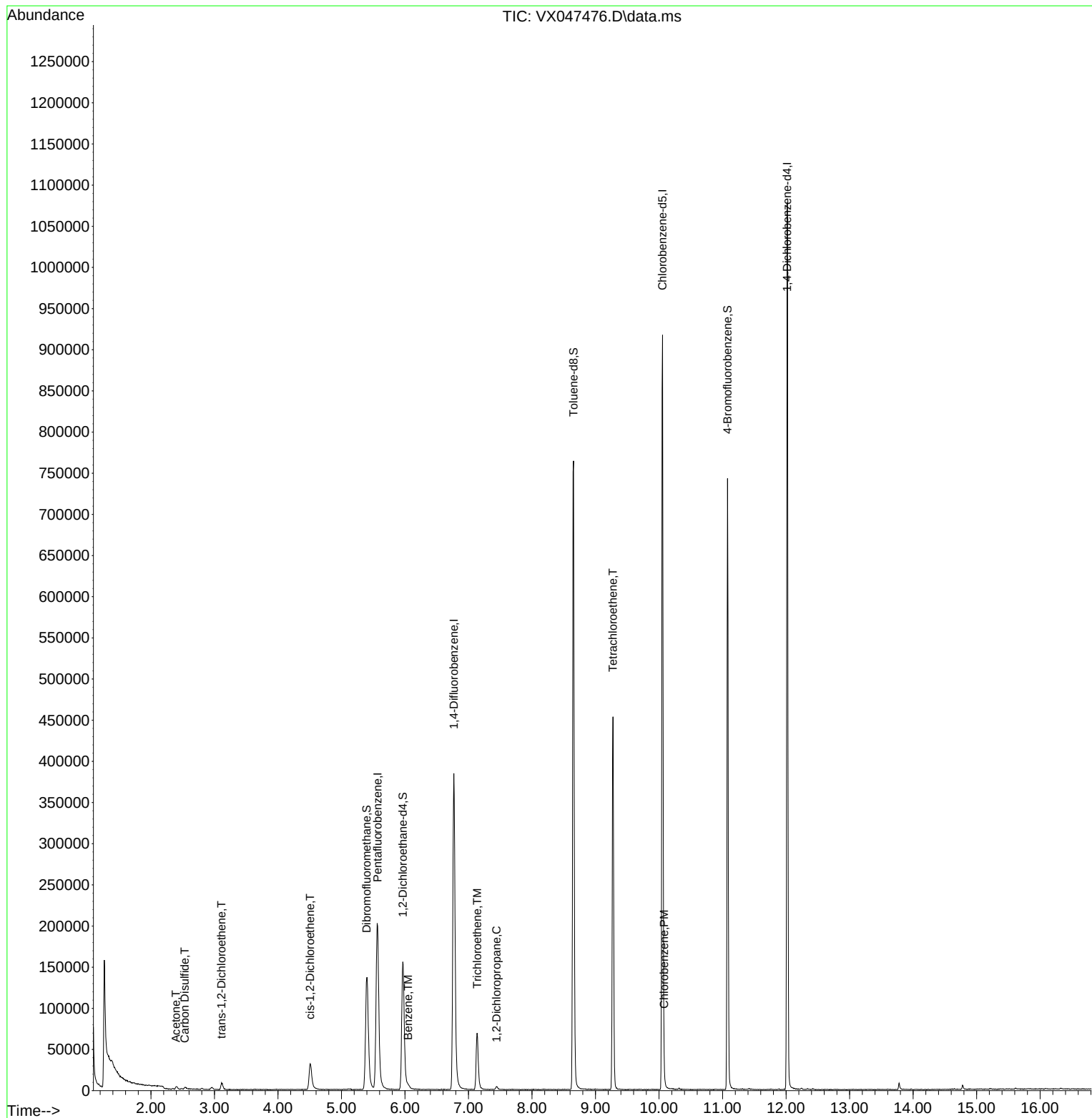
Internal Standards						
1) Pentafluorobenzene	5.568	168	202322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	410659	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	411448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	211647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	165893	58.587	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 117.180%#	
35) Dibromofluoromethane	5.397	113	134169	50.341	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.680%	
50) Toluene-d8	8.653	98	466477	48.968	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.940%	
62) 4-Bromofluorobenzene	11.079	95	196710	55.957	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.920%	
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	3182	2.990	ug/l #	47
17) Carbon Disulfide	2.532	76	2435	0.317	ug/l #	82
21) trans-1,2-Dichloroethene	3.111	96	3491	1.291	ug/l	97
27) cis-1,2-Dichloroethene	4.507	96	22147	7.033	ug/l	92
40) Benzene	6.050	78	3896	0.309	ug/l #	85
44) Trichloroethene	7.135	130	29849	9.257	ug/l	98
45) 1,2-Dichloropropane	7.440	63	1628	0.516	ug/l	94
64) Tetrachloroethene	9.275	164	85974	28.888	ug/l	97
65) Chlorobenzene	10.079	112	4144	0.424	ug/l #	86

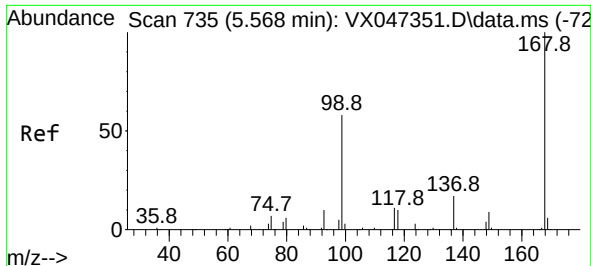
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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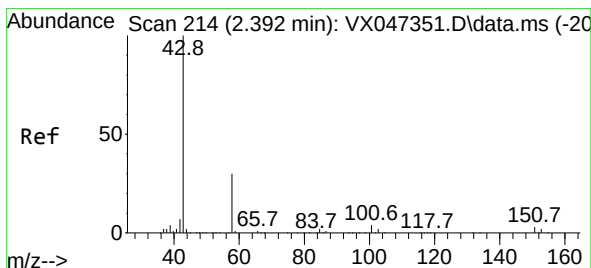
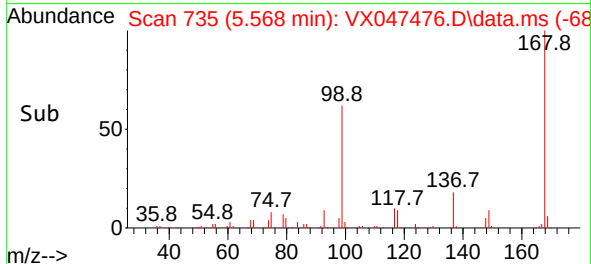
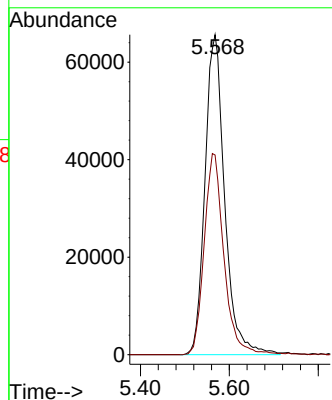
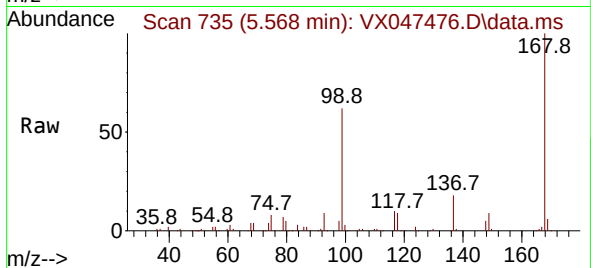




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.000 min
Lab File: VX047476.D
Acq: 21 Aug 2025 17:17

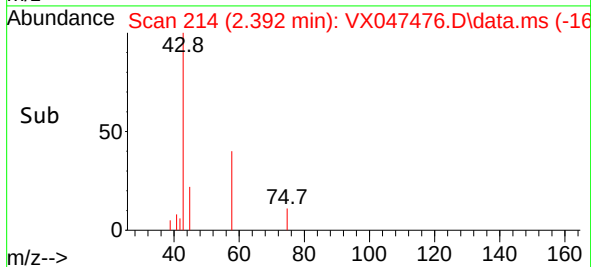
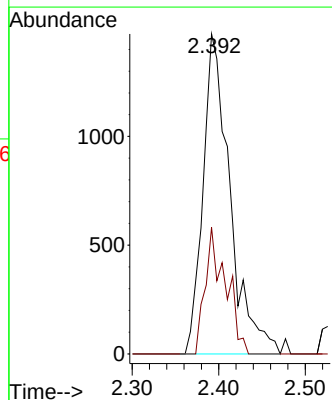
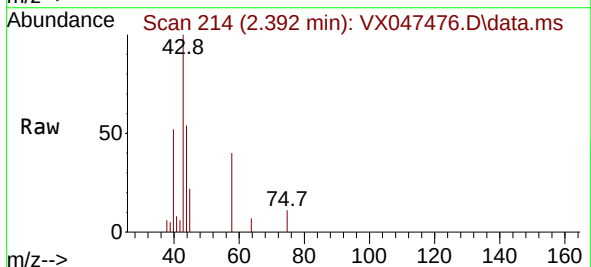
Instrument :
MSVOA_X
ClientSampleId :
MW-1B-081925

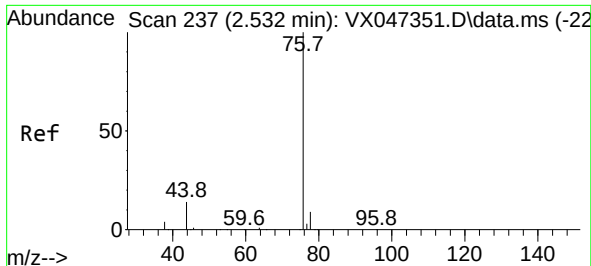
Tgt Ion:168 Resp: 202322
Ion Ratio Lower Upper
168 100
99 62.4 47.9 71.9



#16
Acetone
Concen: 2.990 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047476.D
Acq: 21 Aug 2025 17:17

Tgt Ion: 43 Resp: 3182
Ion Ratio Lower Upper
43 100
58 60.2 24.8 37.2#

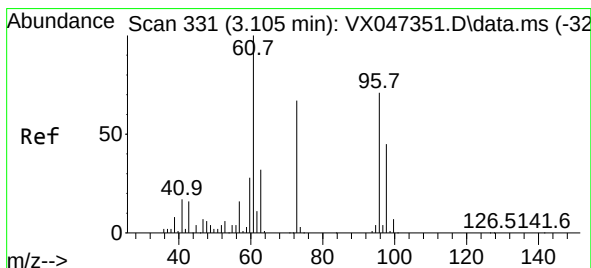
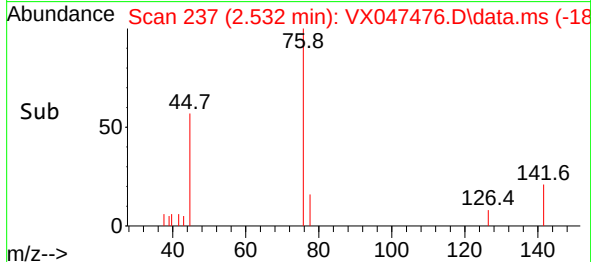
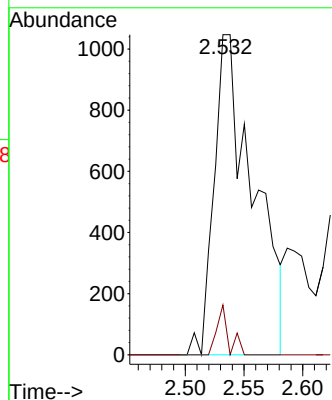
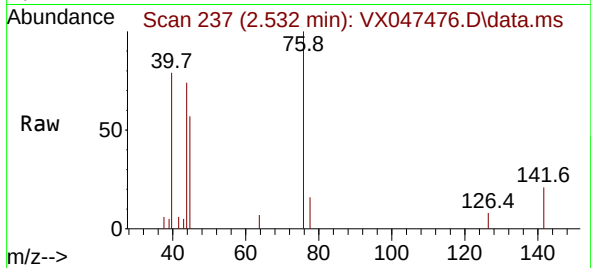




#17
Carbon Disulfide
Concen: 0.317 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047476.D
Acq: 21 Aug 2025 17:17

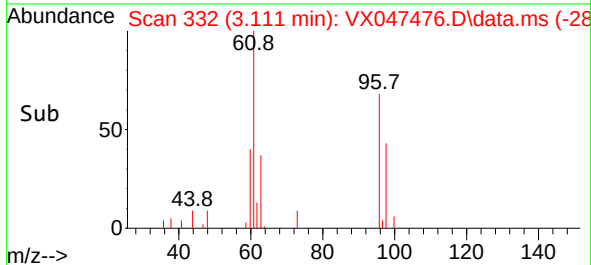
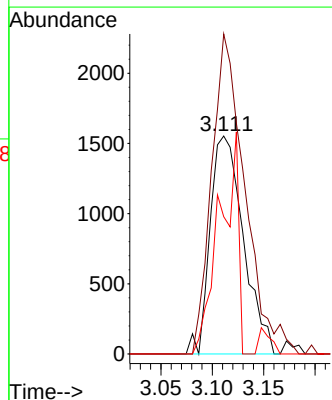
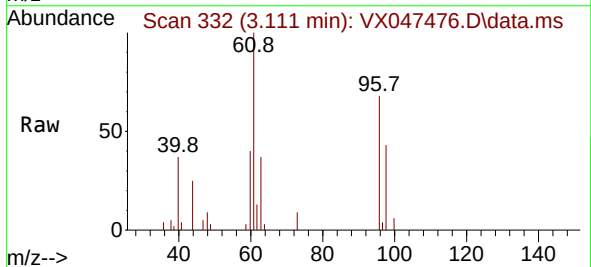
Instrument :
MSVOA_X
ClientSampleId :
MW-1B-081925

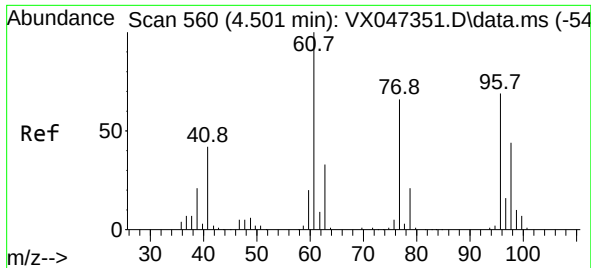
Tgt Ion: 76 Resp: 2435
Ion Ratio Lower Upper
76 100
78 15.6 7.2 10.8#



#21
trans-1,2-Dichloroethene
Concen: 1.291 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX047476.D
Acq: 21 Aug 2025 17:17

Tgt Ion: 96 Resp: 3491
Ion Ratio Lower Upper
96 100
61 137.8 112.6 169.0
98 59.1 50.9 76.3





#27

cis-1,2-Dichloroethene

Concen: 7.033 ug/l

RT: 4.507 min Scan# 560

Delta R.T. 0.006 min

Lab File: VX047476.D

Acq: 21 Aug 2025 17:17

Instrument :

MSVOA_X

ClientSampleId :

MW-1B-081925

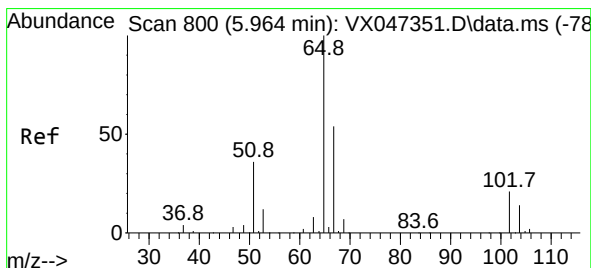
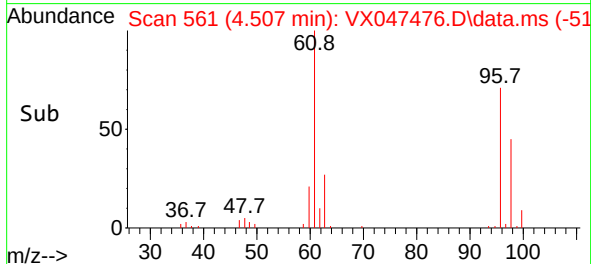
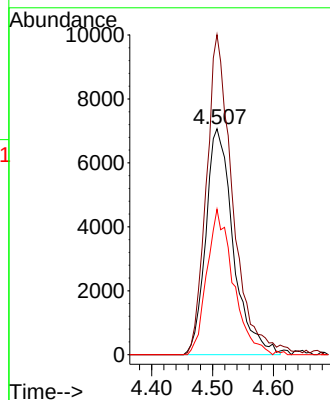
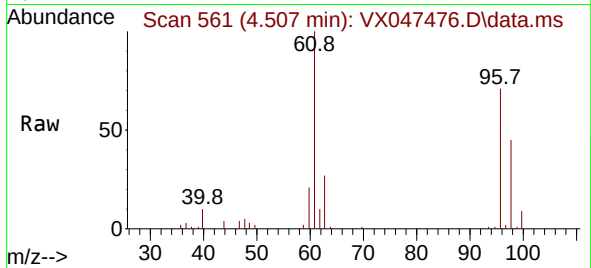
Tgt Ion: 96 Resp: 22147

Ion Ratio Lower Upper

96 100

61 136.4 0.0 296.6

98 61.8 0.0 130.4



#33

1,2-Dichloroethane-d4

Concen: 58.587 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047476.D

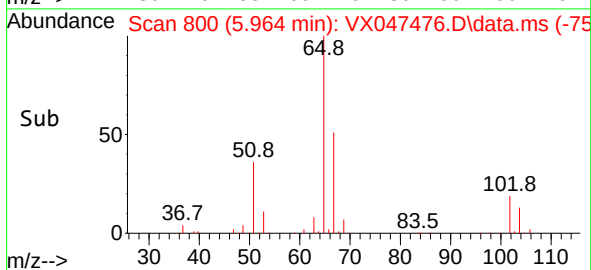
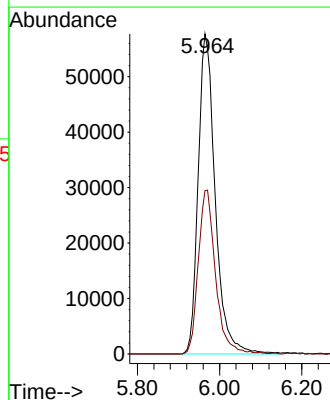
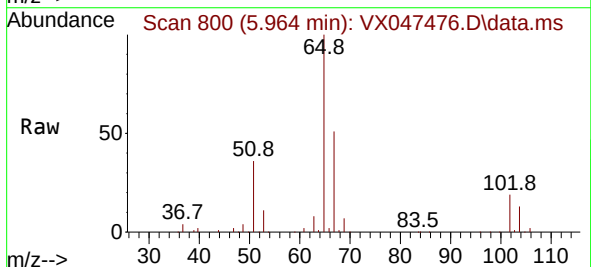
Acq: 21 Aug 2025 17:17

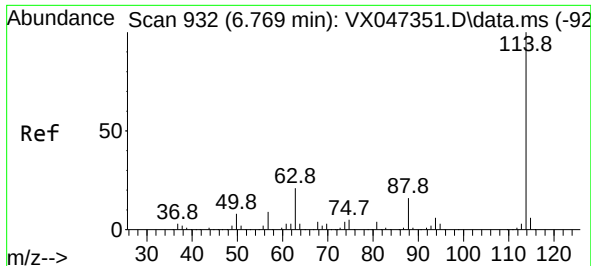
Tgt Ion: 65 Resp: 165893

Ion Ratio Lower Upper

65 100

67 51.7 0.0 106.0

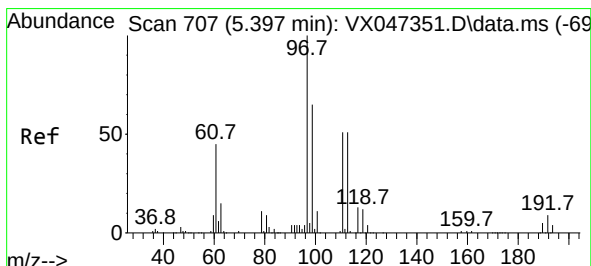
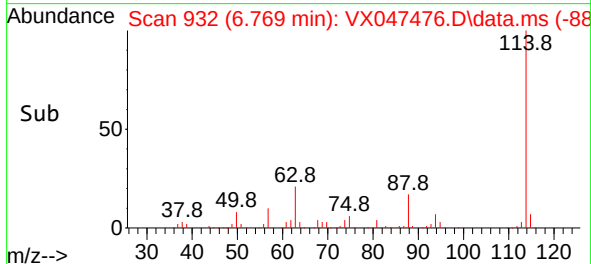
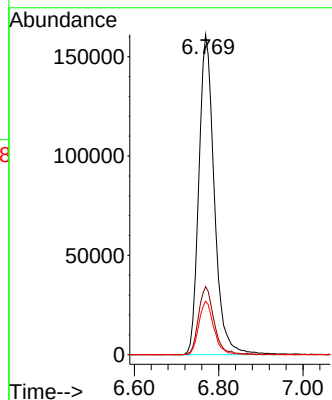
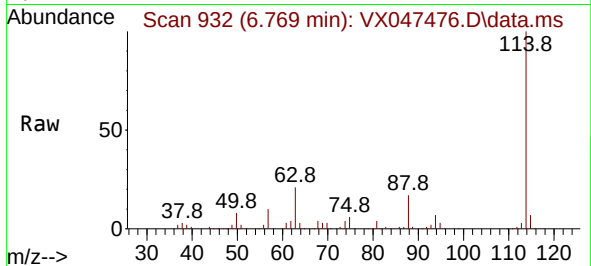




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047476.D
Acq: 21 Aug 2025 17:17

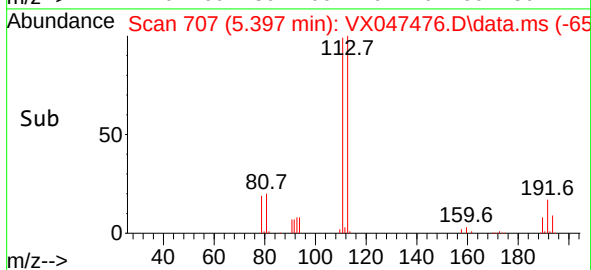
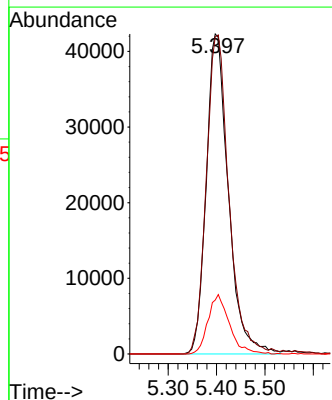
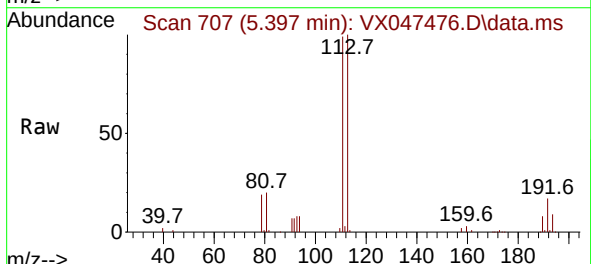
Instrument :
MSVOA_X
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MW-1B-081925

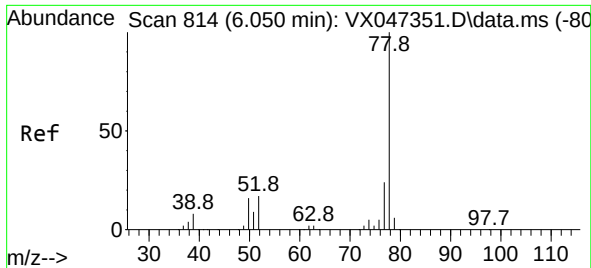
Tgt Ion:114 Resp: 410659
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.4
88 16.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.341 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047476.D
Acq: 21 Aug 2025 17:17

Tgt Ion:113 Resp: 134169
Ion Ratio Lower Upper
113 100
111 101.3 81.4 122.2
192 18.0 14.1 21.1

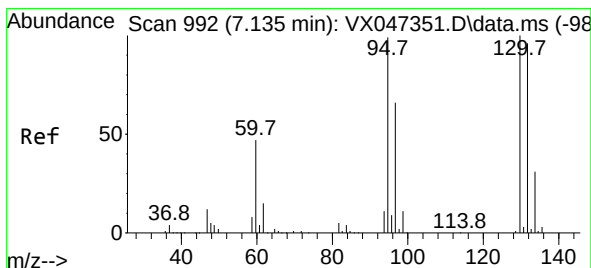
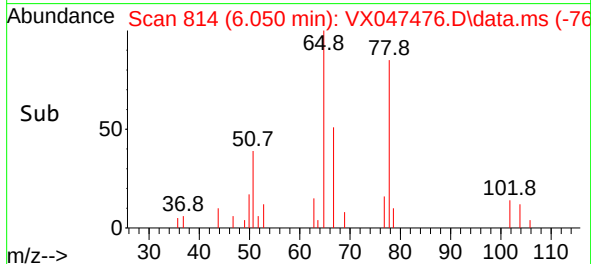
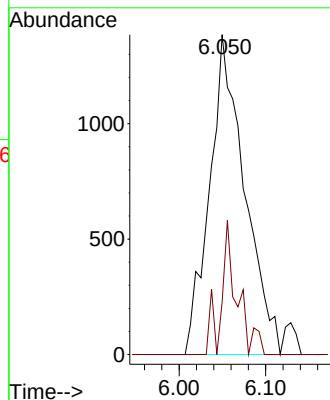
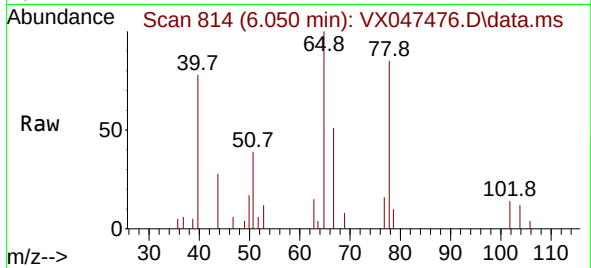




#40
Benzene
Concen: 0.309 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.000 min
Lab File: VX047476.D
Acq: 21 Aug 2025 17:17

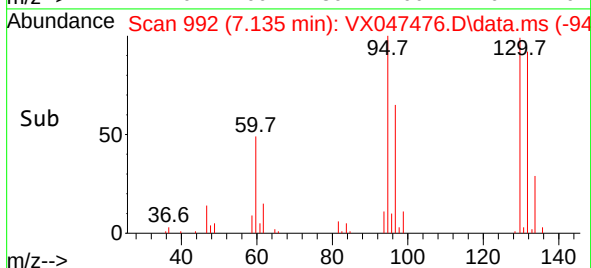
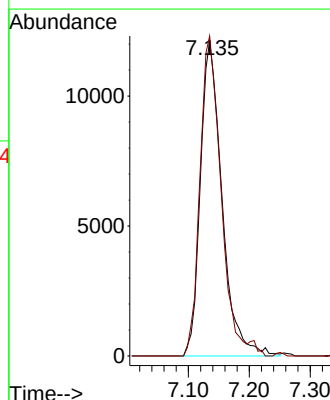
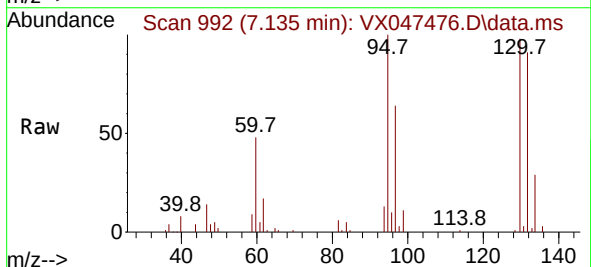
Instrument :
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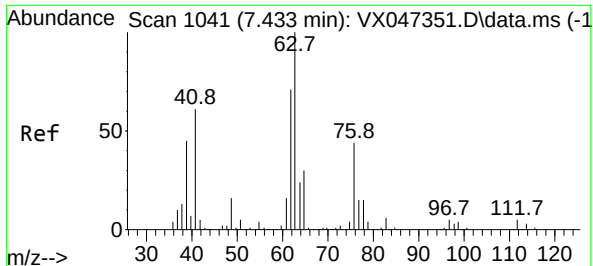
Tgt Ion: 78 Resp: 3896
Ion Ratio Lower Upper
78 100
77 16.4 19.0 28.4#



#44
Trichloroethene
Concen: 9.257 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.000 min
Lab File: VX047476.D
Acq: 21 Aug 2025 17:17

Tgt Ion:130 Resp: 29849
Ion Ratio Lower Upper
130 100
95 101.7 0.0 198.6





#45

1,2-Dichloropropane

Concen: 0.516 ug/l

RT: 7.440 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VX047476.D

Acq: 21 Aug 2025 17:17

Instrument :

MSVOA_X

ClientSampleId :

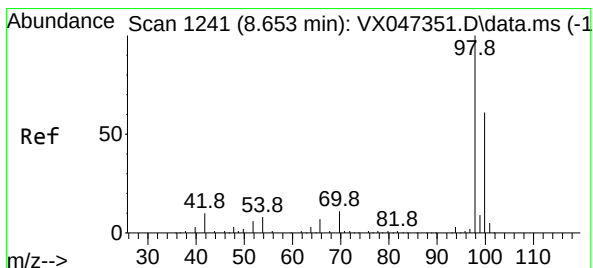
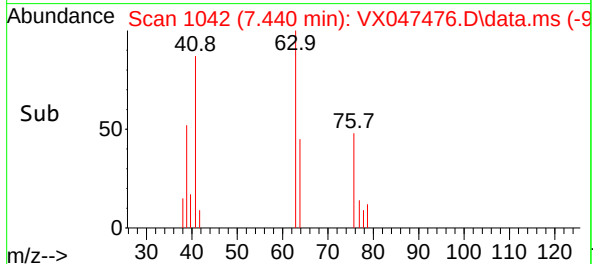
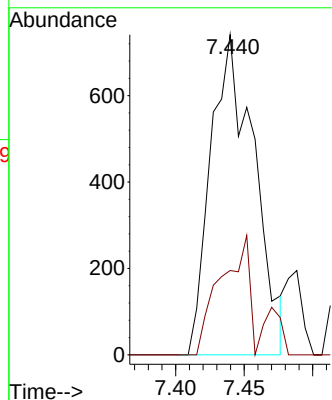
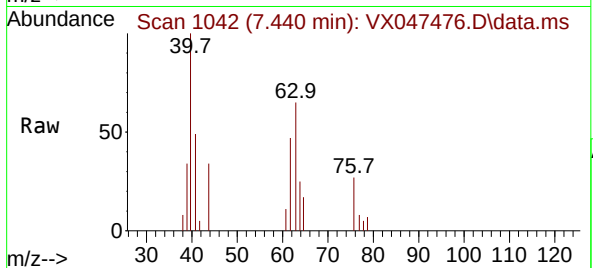
MW-1B-081925

Tgt Ion: 63 Resp: 1628

Ion Ratio Lower Upper

63 100

65 26.3 23.8 35.6



#50

Toluene-d8

Concen: 48.968 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX047476.D

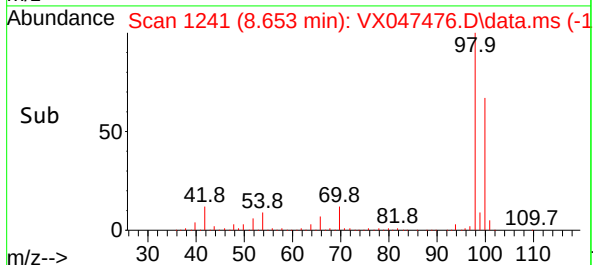
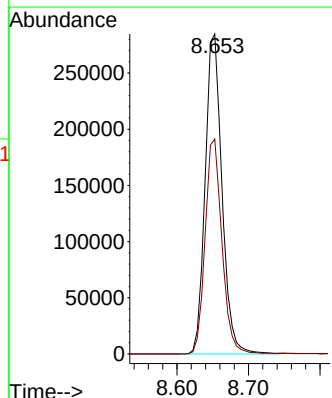
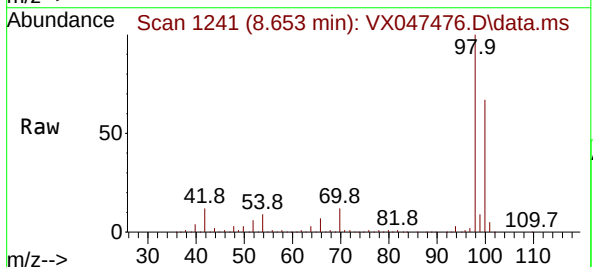
Acq: 21 Aug 2025 17:17

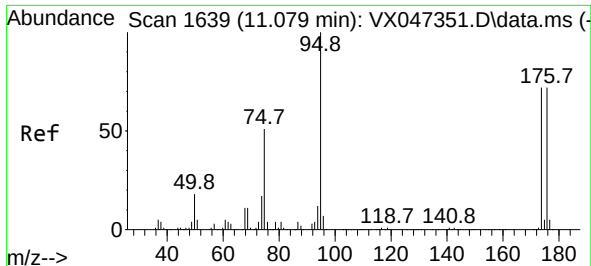
Tgt Ion: 98 Resp: 466477

Ion Ratio Lower Upper

98 100

100 67.2 53.9 80.9

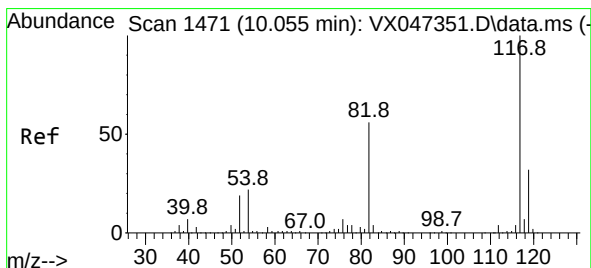
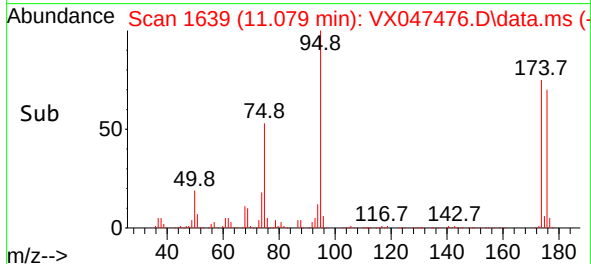
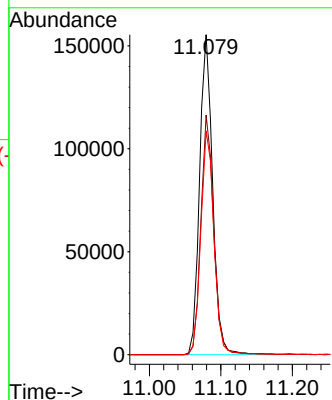
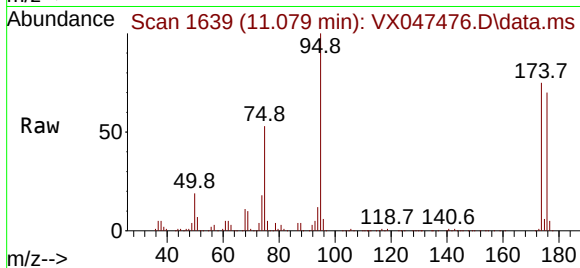




#62
4-Bromofluorobenzene
Concen: 55.957 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047476.D
Acq: 21 Aug 2025 17:17

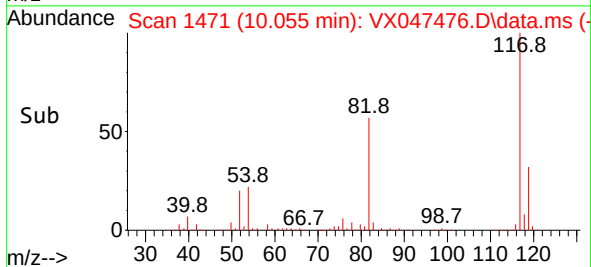
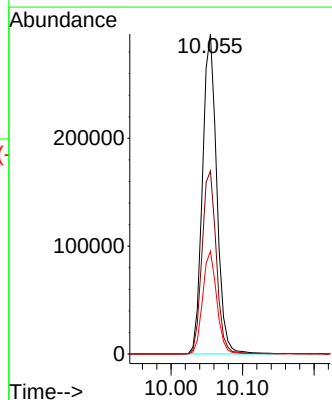
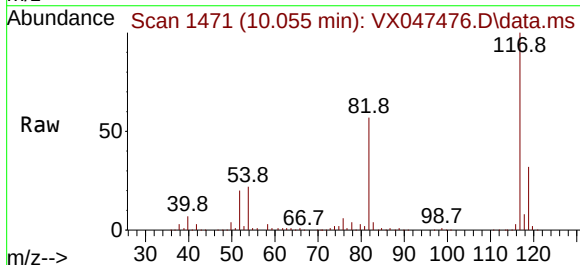
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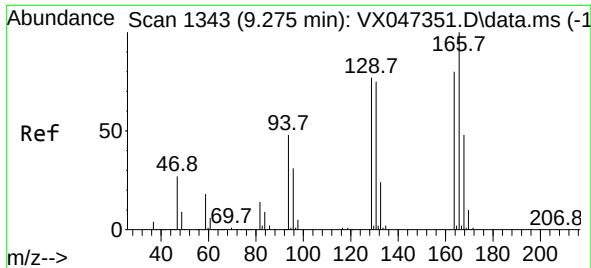
Tgt Ion: 95 Resp: 196710
Ion Ratio Lower Upper
95 100
174 74.1 0.0 148.0
176 70.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047476.D
Acq: 21 Aug 2025 17:17

Tgt Ion: 117 Resp: 411448
Ion Ratio Lower Upper
117 100
82 57.2 45.0 67.4
119 32.1 25.8 38.8

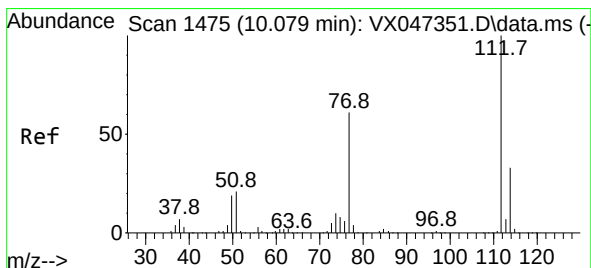
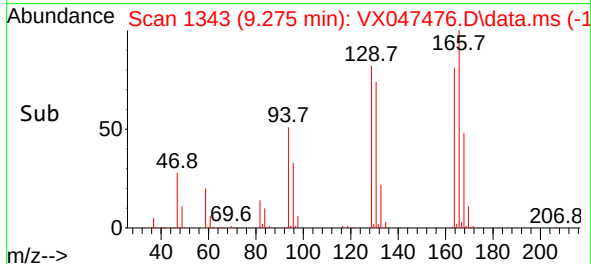
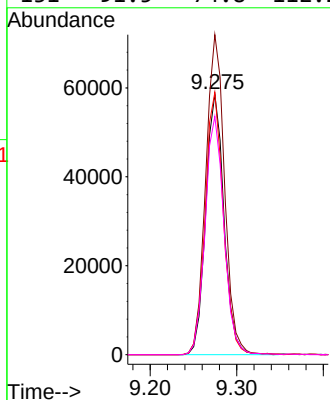
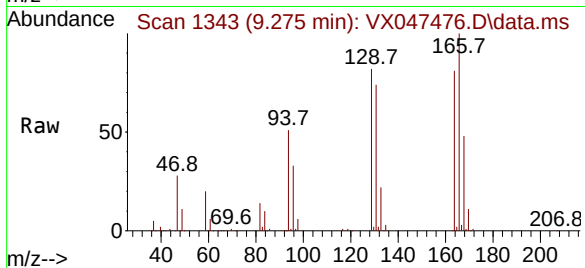




#64
Tetrachloroethene
Concen: 28.888 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047476.D
Acq: 21 Aug 2025 17:17

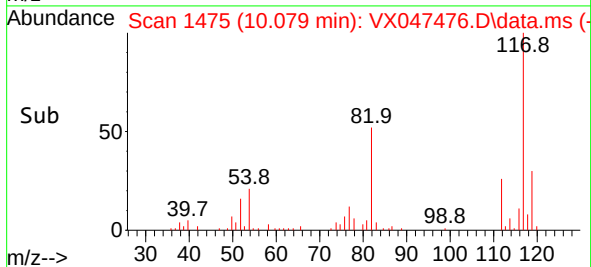
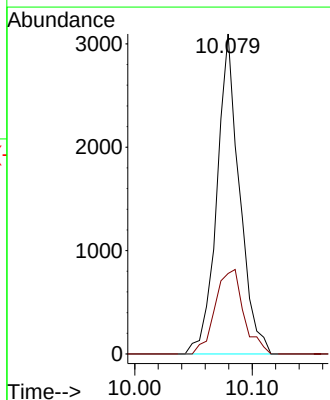
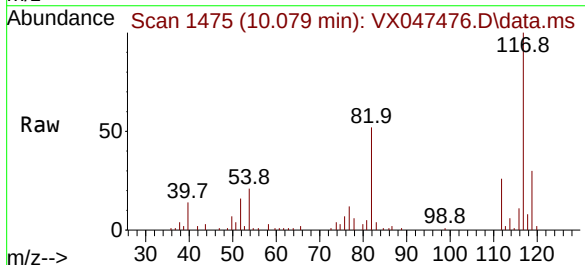
Instrument :
MSVOA_X
ClientSampleId :
MW-1B-081925

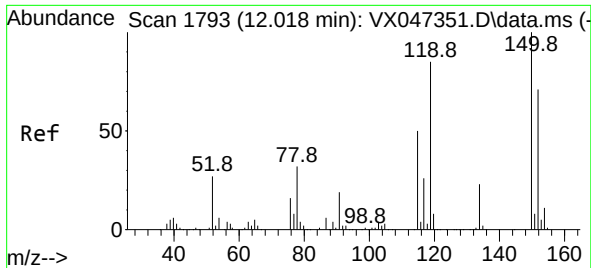
Tgt Ion:164 Resp: 85974
Ion Ratio Lower Upper
164 100
166 122.9 100.3 150.5
129 100.7 77.7 116.5
131 91.5 74.8 112.2



#65
Chlorobenzene
Concen: 0.424 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047476.D
Acq: 21 Aug 2025 17:17

Tgt Ion:112 Resp: 4144
Ion Ratio Lower Upper
112 100
114 25.2 26.4 39.6#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047476.D
 Acq: 21 Aug 2025 17:17

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1B-081925

Tgt Ion:152 Resp: 211647
 Ion Ratio Lower Upper
 152 100
 115 62.7 44.6 133.8
 150 161.6 0.0 349.8

