

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
 Data File : VX047411.D
 Acq On : 19 Aug 2025 14:50
 Operator : JC/MD
 Sample : Q2841-01DL 1000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Aug 20 01:27:04 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)

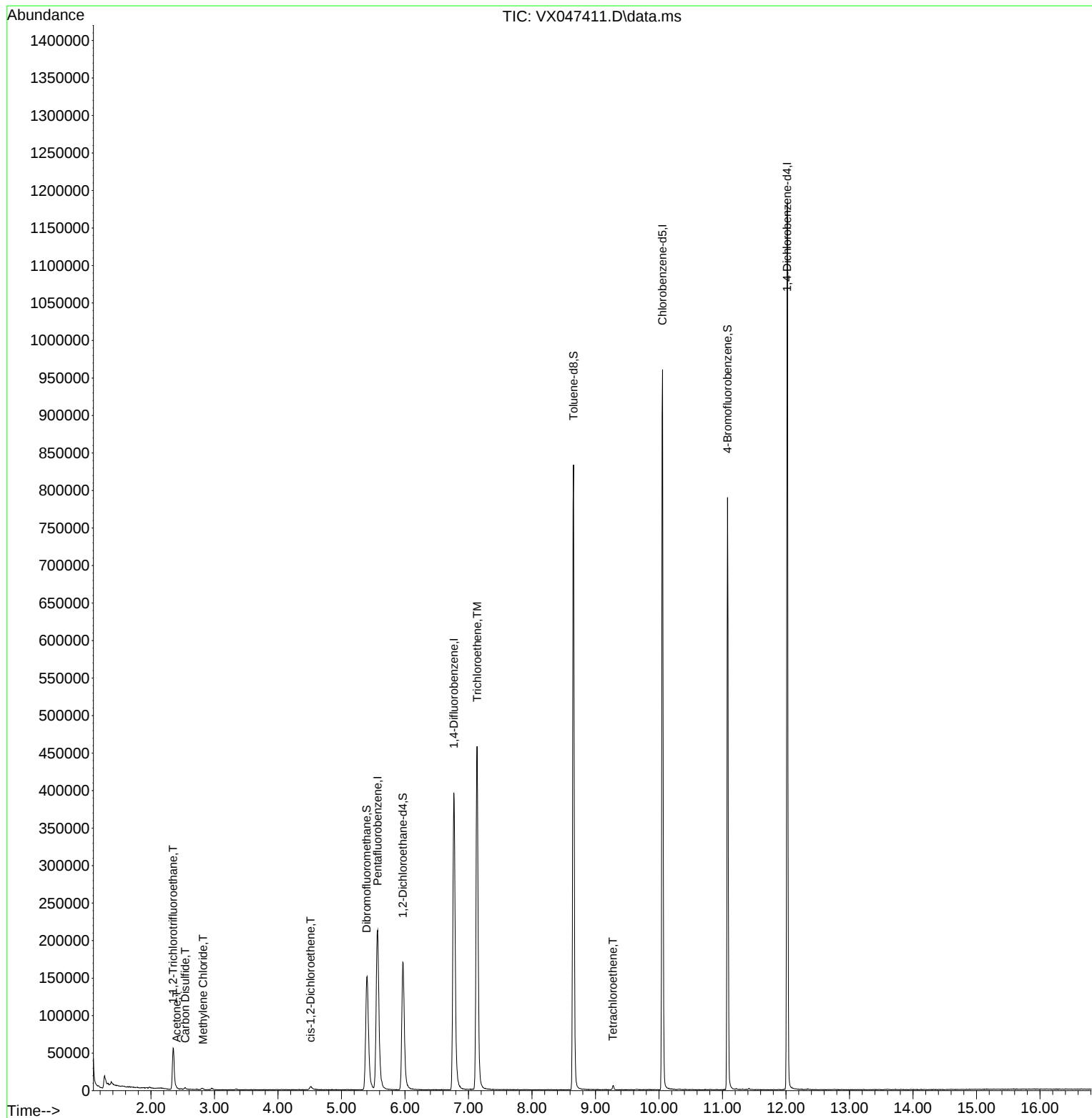
Internal Standards						
1) Pentafluorobenzene	5.568	168	214007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	430805	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	440552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	231200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	180305	60.200	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 120.400%#		
35) Dibromofluoromethane	5.397	113	146221	52.297	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.600%		
50) Toluene-d8	8.653	98	505562	50.589	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 101.180%		
62) 4-Bromofluorobenzene	11.079	95	214011	58.032	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 116.060%		
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.349	101	25483	9.642	ug/l	99
16) Acetone	2.404	43	2334	2.073	ug/l #	87
17) Carbon Disulfide	2.538	76	2678	0.329	ug/l #	89
20) Methylene Chloride	2.819	84	895	0.300	ug/l #	60
27) cis-1,2-Dichloroethene	4.513	96	3036	0.911	ug/l	81
44) Trichloroethene	7.135	130	186641	55.175	ug/l	99
64) Tetrachloroethene	9.275	164	1084	0.340	ug/l #	80

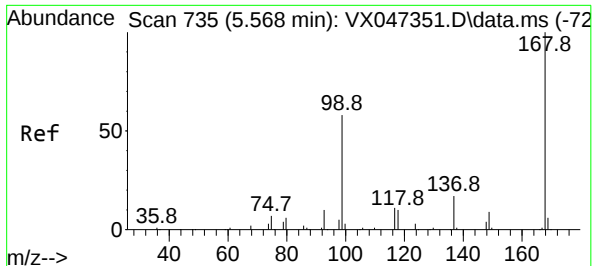
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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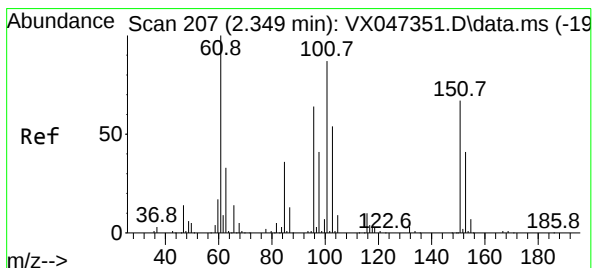
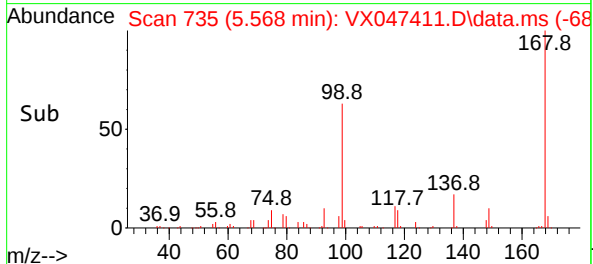
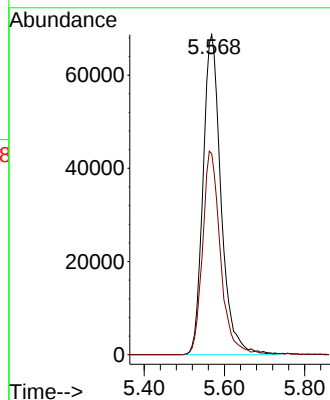
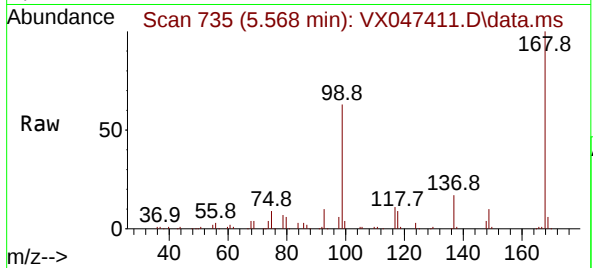




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047411.D
Acq: 19 Aug 2025 14:50

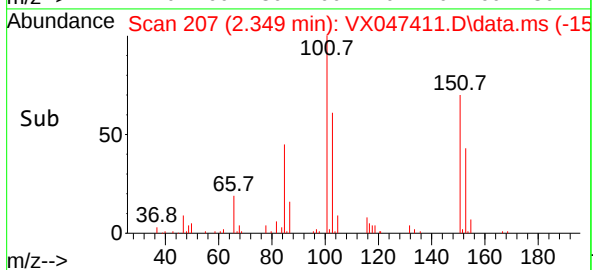
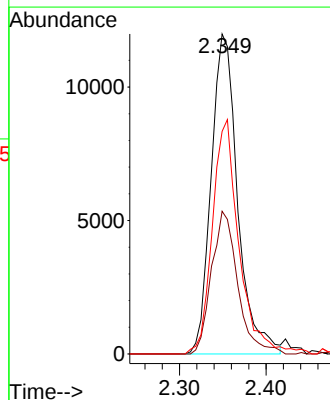
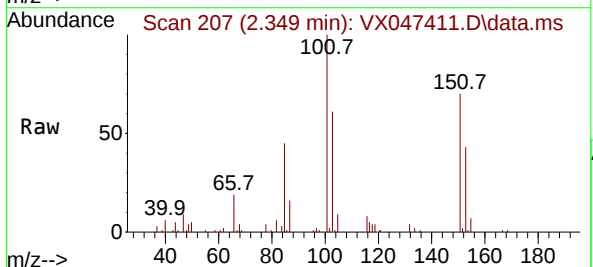
Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-08122025DL

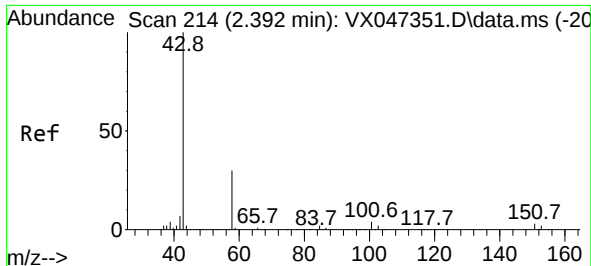
Tgt Ion:168 Resp: 214007
Ion Ratio Lower Upper
168 100
99 62.8 47.9 71.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.642 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX047411.D
Acq: 19 Aug 2025 14:50

Tgt Ion:101 Resp: 25483
Ion Ratio Lower Upper
101 100
85 44.2 34.3 51.5
151 73.6 59.2 88.8

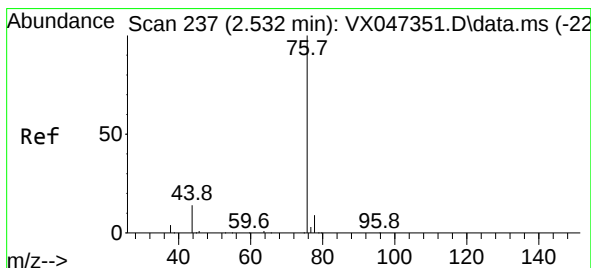
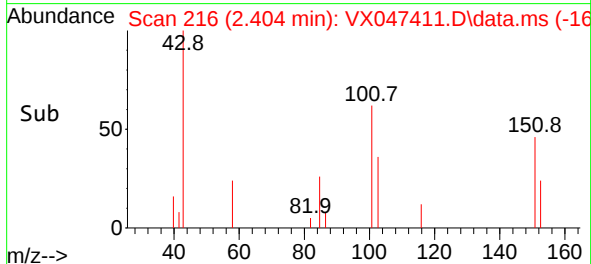
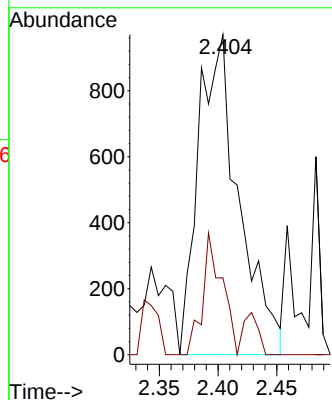
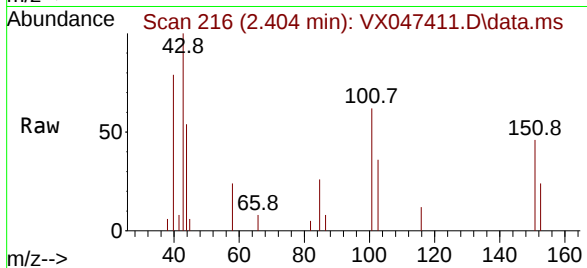




#16
Acetone
Concen: 2.073 ug/l
RT: 2.404 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX047411.D
Acq: 19 Aug 2025 14:50

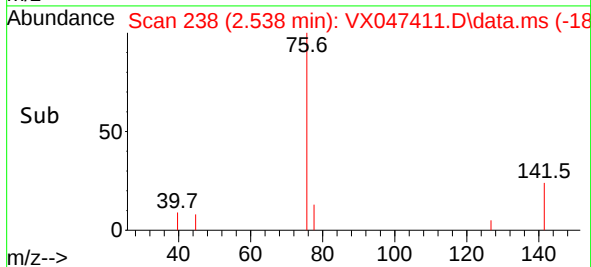
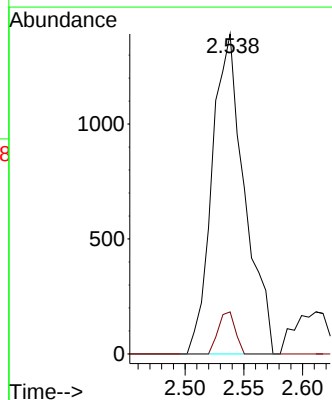
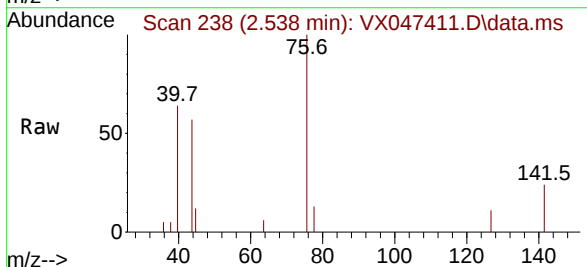
Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-08122025DL

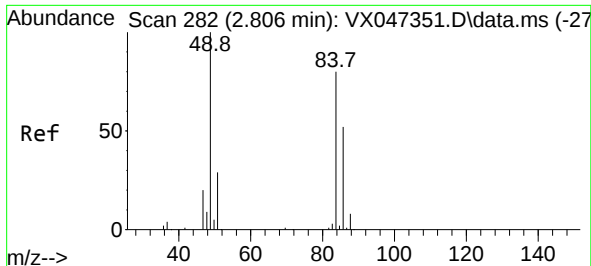
Tgt Ion: 43 Resp: 2334
Ion Ratio Lower Upper
43 100
58 24.0 24.8 37.2#



#17
Carbon Disulfide
Concen: 0.329 ug/l
RT: 2.538 min Scan# 238
Delta R.T. 0.006 min
Lab File: VX047411.D
Acq: 19 Aug 2025 14:50

Tgt Ion: 76 Resp: 2678
Ion Ratio Lower Upper
76 100
78 13.1 7.2 10.8#

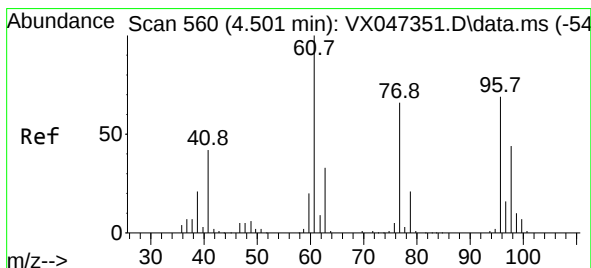
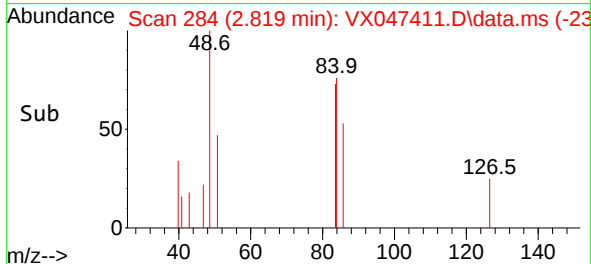
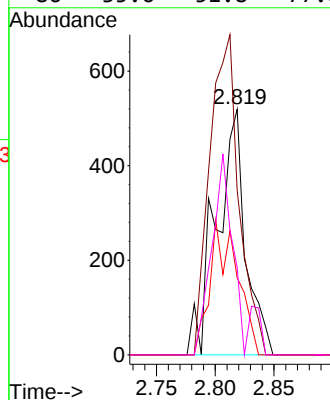
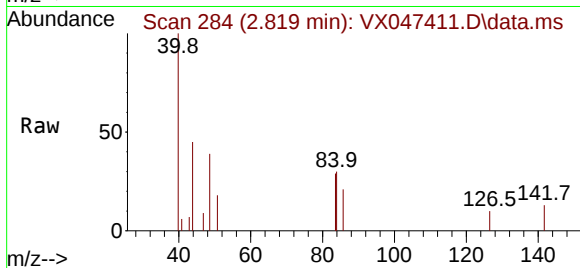




#20
Methylene Chloride
Concen: 0.300 ug/l
RT: 2.819 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX047411.D
Acq: 19 Aug 2025 14:50

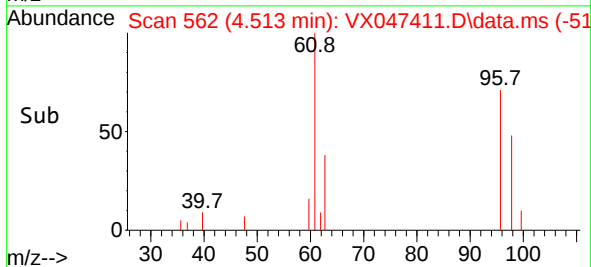
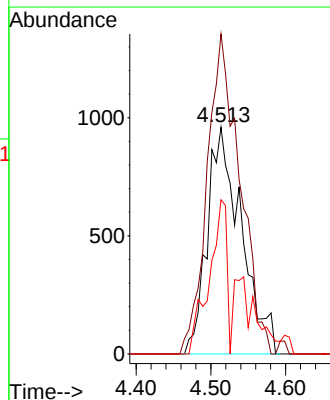
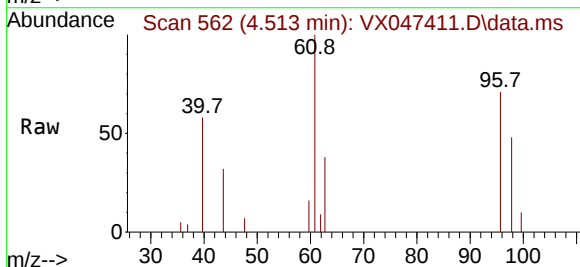
Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-08122025DL

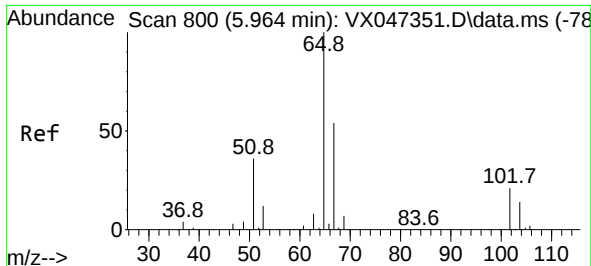
Tgt Ion:	84	Resp:	895
Ion	Ratio	Lower	Upper
84	100		
49	67.1	100.1	150.1#
51	31.4	29.5	44.3
86	35.6	51.8	77.8#



#27
cis-1,2-Dichloroethene
Concen: 0.911 ug/l
RT: 4.513 min Scan# 562
Delta R.T. 0.012 min
Lab File: VX047411.D
Acq: 19 Aug 2025 14:50

Tgt Ion:	96	Resp:	3036
Ion	Ratio	Lower	Upper
96	100		
61	135.7	0.0	296.6
98	35.0	0.0	130.4





#33

1,2-Dichloroethane-d4

Concen: 60.200 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047411.D

Acq: 19 Aug 2025 14:50

Instrument :

MSVOA_X

ClientSampleId :

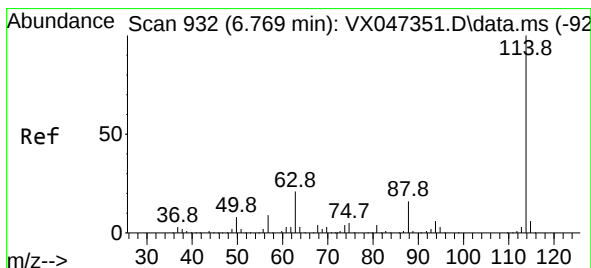
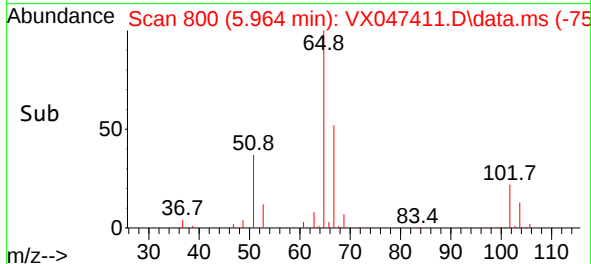
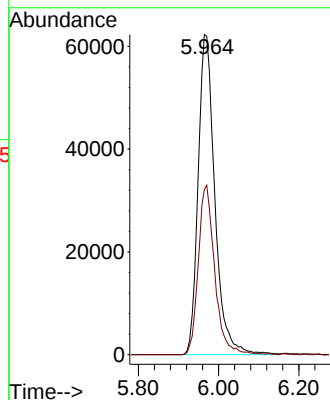
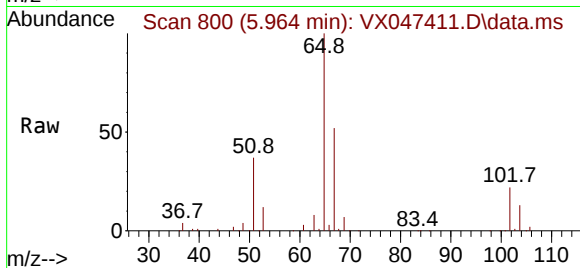
MW-06-6.5-08122025DL

Tgt Ion: 65 Resp: 180305

Ion Ratio Lower Upper

65 100

67 51.9 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX047411.D

Acq: 19 Aug 2025 14:50

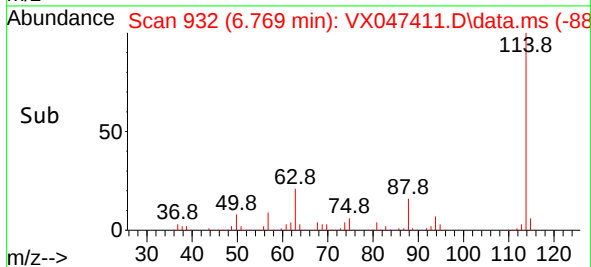
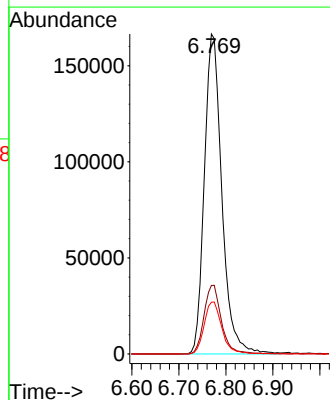
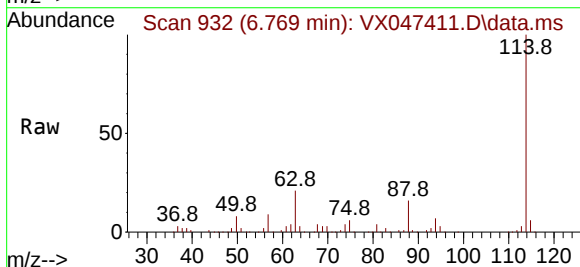
Tgt Ion: 114 Resp: 430805

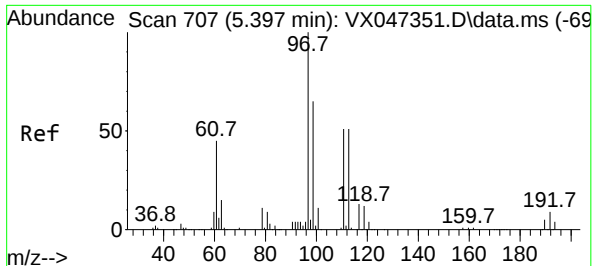
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.4

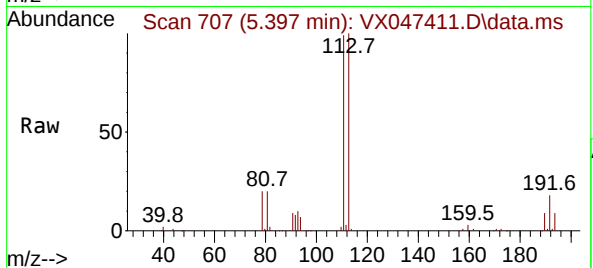
88 16.2 0.0 33.0



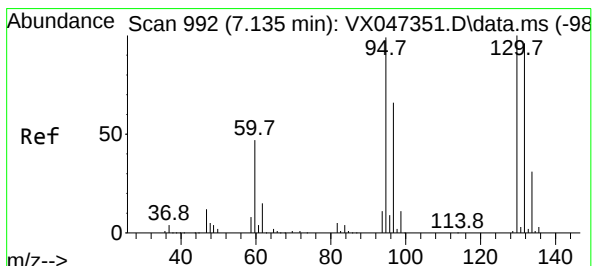
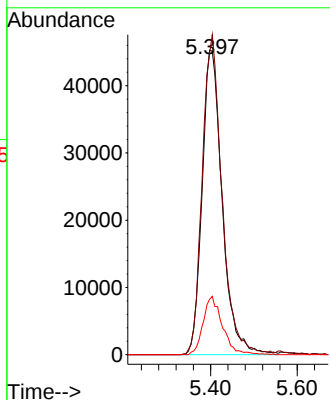
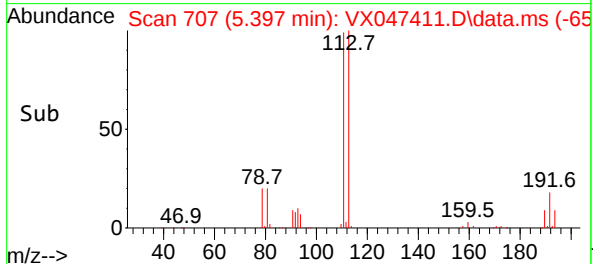


#35
Dibromofluoromethane
Concen: 52.297 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047411.D
Acq: 19 Aug 2025 14:50

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

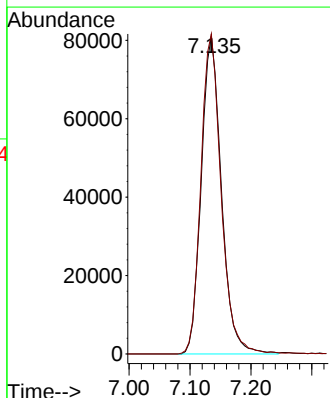
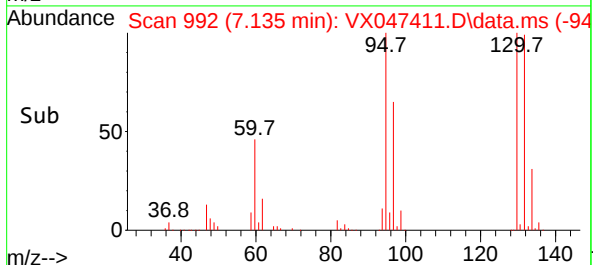
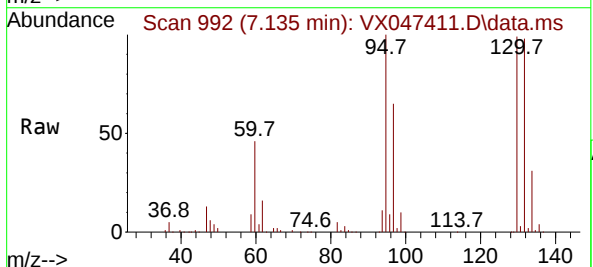


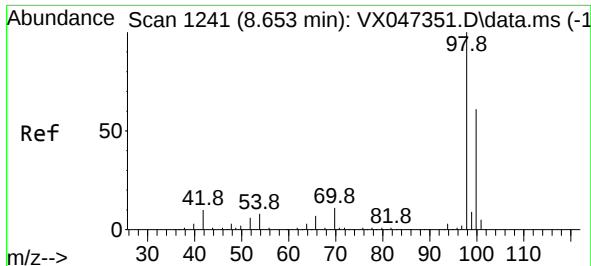
Tgt Ion:113 Resp: 146221
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.2
192 18.4 14.1 21.1



#44
Trichloroethene
Concen: 55.175 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.000 min
Lab File: VX047411.D
Acq: 19 Aug 2025 14:50

Tgt Ion:130 Resp: 186641
Ion Ratio Lower Upper
130 100
95 100.6 0.0 198.6

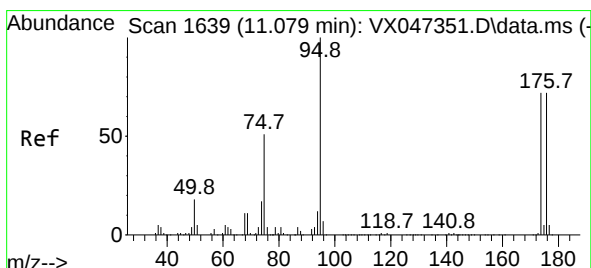
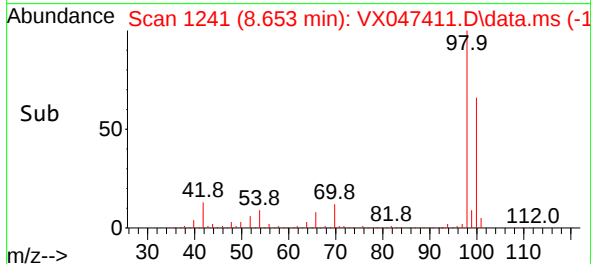
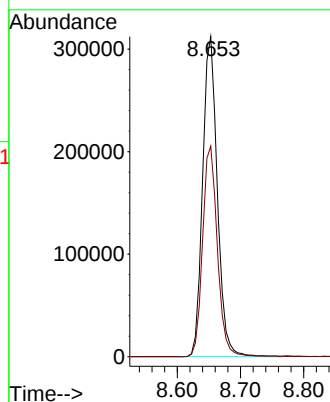
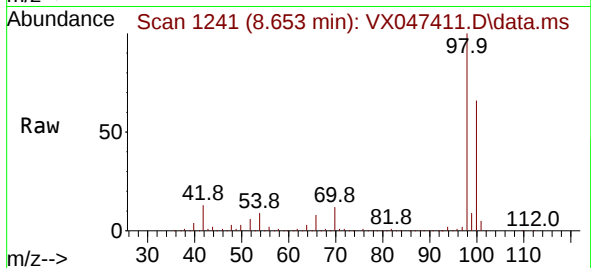




#50
Toluene-d8
Concen: 50.589 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047411.D
Acq: 19 Aug 2025 14:50

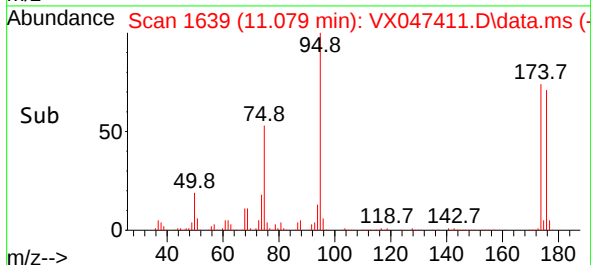
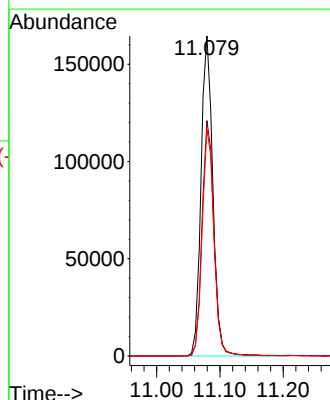
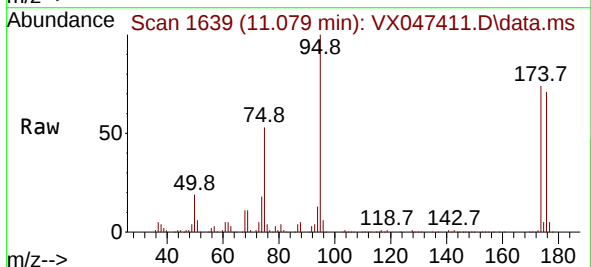
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MSVOA_X
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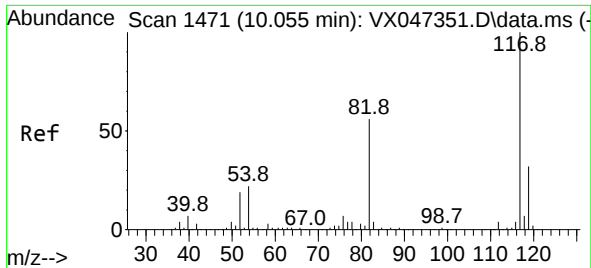
Tgt Ion: 98 Resp: 505562
Ion Ratio Lower Upper
98 100
100 66.1 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 58.032 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047411.D
Acq: 19 Aug 2025 14:50

Tgt Ion: 95 Resp: 214011
Ion Ratio Lower Upper
95 100
174 74.2 0.0 148.0
176 70.8 0.0 145.4

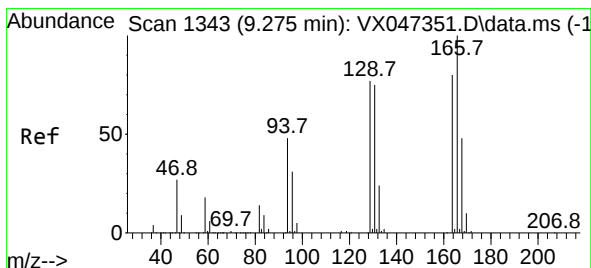
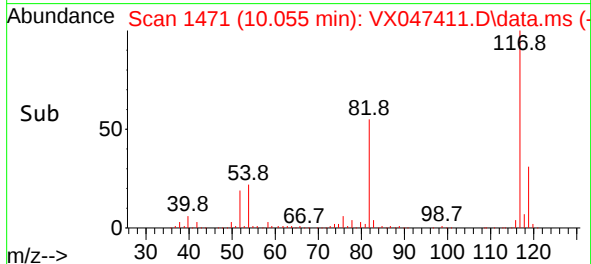
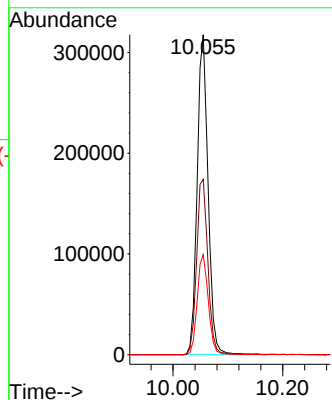
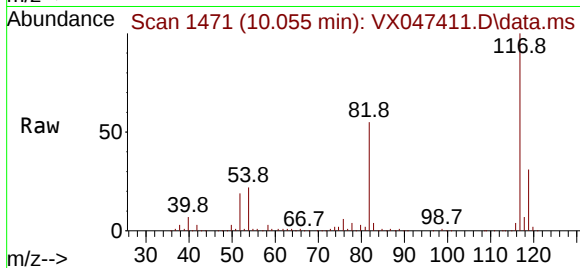




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047411.D
Acq: 19 Aug 2025 14:50

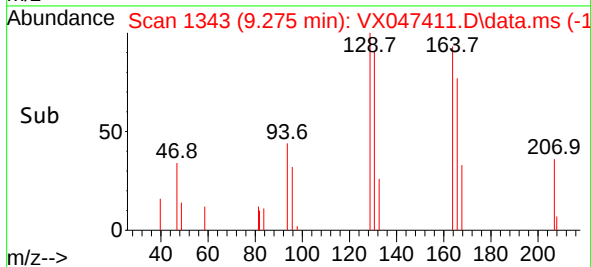
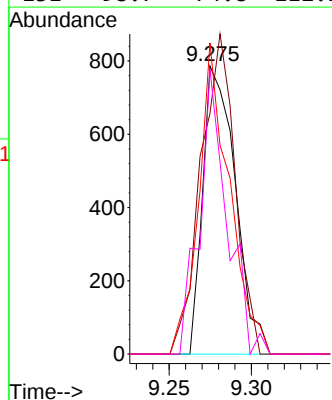
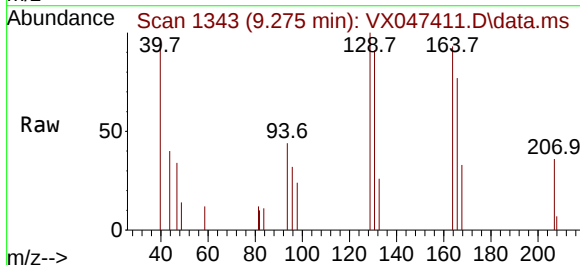
Instrument :
MSVOA_X
ClientSampleId :
MW-06-6.5-08122025DL

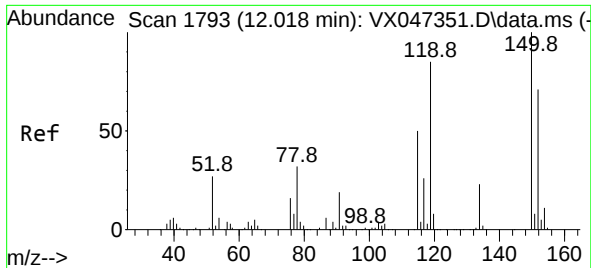
Tgt Ion:117 Resp: 440552
Ion Ratio Lower Upper
117 100
82 54.8 45.0 67.4
119 31.3 25.8 38.8



#64
Tetrachloroethene
Concen: 0.340 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047411.D
Acq: 19 Aug 2025 14:50

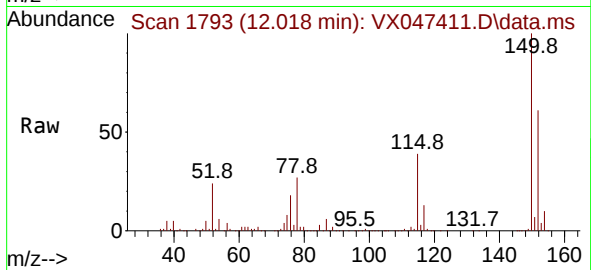
Tgt Ion:164 Resp: 1084
Ion Ratio Lower Upper
164 100
166 83.6 100.3 150.5#
129 108.0 77.7 116.5
131 98.7 74.8 112.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047411.D
 Acq: 19 Aug 2025 14:50

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



Tgt Ion:152 Resp: 231200
 Ion Ratio Lower Upper
 152 100
 115 61.2 44.6 133.8
 150 157.5 0.0 349.8

