

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082125\
 Data File : VX047461.D
 Acq On : 21 Aug 2025 12:00
 Operator : JC/MD
 Sample : Q2869-05 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Aug 22 03:42:48 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)

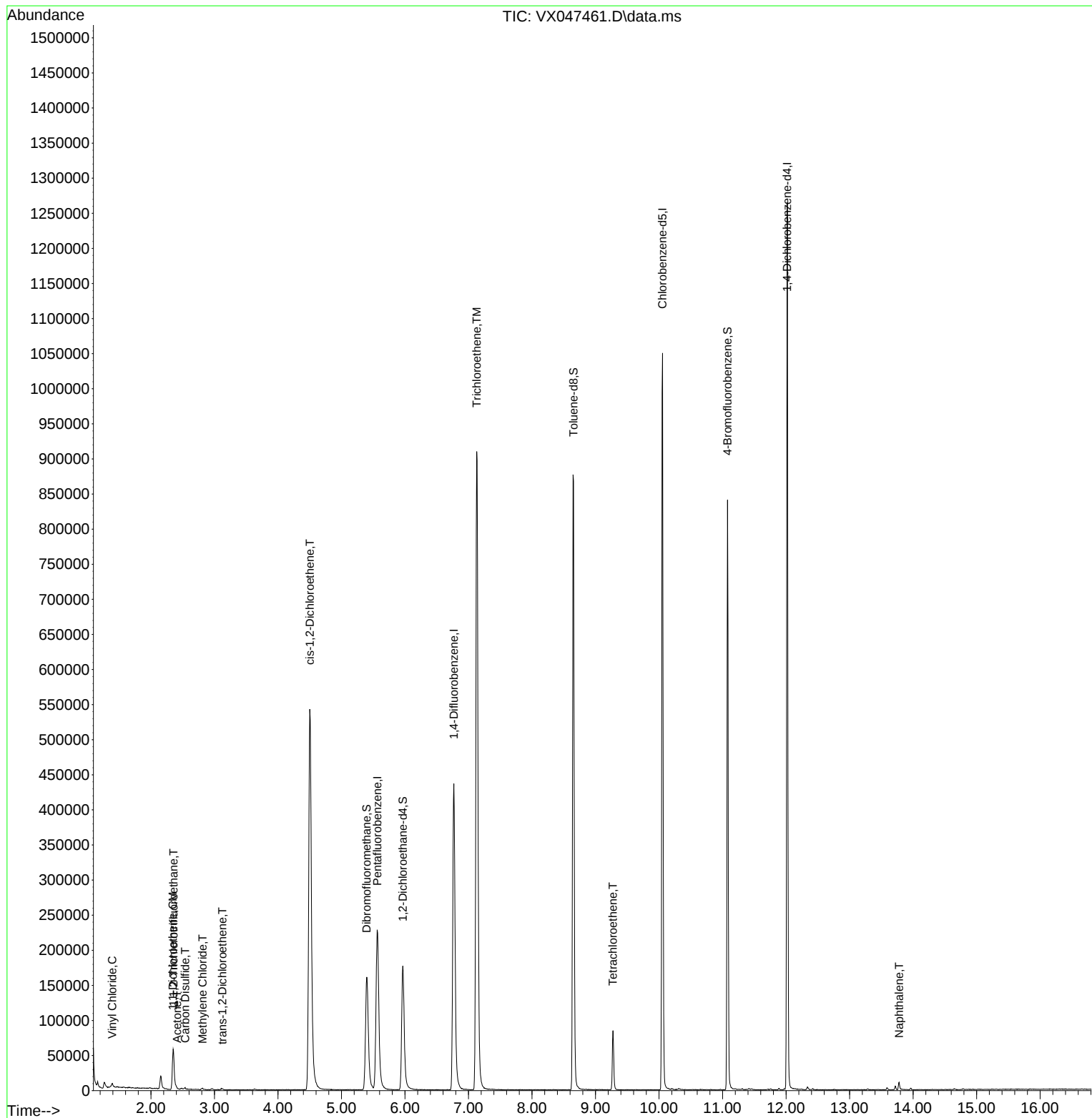
Internal Standards						
1) Pentafluorobenzene	5.562	168	234783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	477817	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	477729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	247621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	186685	56.815	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	113.620%	
35) Dibromofluoromethane	5.397	113	153944	49.642	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.280%	
50) Toluene-d8	8.653	98	544241	49.101	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	98.200%	
62) 4-Bromofluorobenzene	11.079	95	227719	55.674	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	111.340%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.392	62	2490	0.737	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.355	101	25101	8.657	ug/l	99
12) 1,1-Dichloroethene	2.343	96	2040	0.690	ug/l #	84
16) Acetone	2.410	43	2583	2.091	ug/l	98
17) Carbon Disulfide	2.538	76	2354	0.264	ug/l #	75
20) Methylene Chloride	2.812	84	978	0.299	ug/l #	87
21) trans-1,2-Dichloroethene	3.123	96	846	0.270	ug/l #	42
27) cis-1,2-Dichloroethene	4.501	96	383526	104.951	ug/l	88
44) Trichloroethene	7.129	130	380783	101.492	ug/l	100
64) Tetrachloroethene	9.275	164	15750	4.558	ug/l	87
95) Naphthalene	13.780	128	7720	0.470	ug/l	98

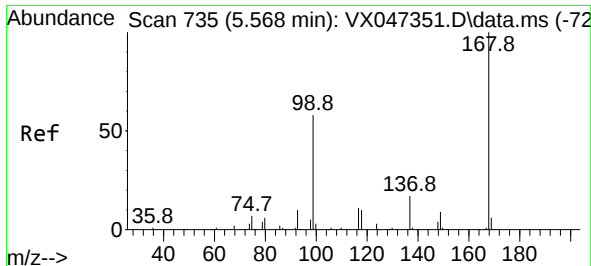
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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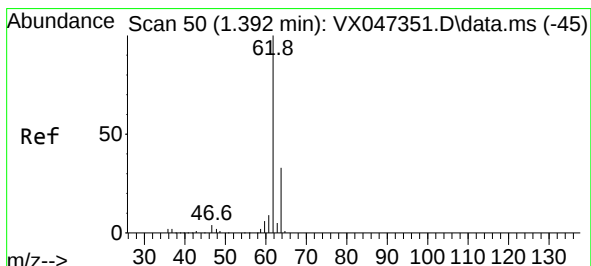
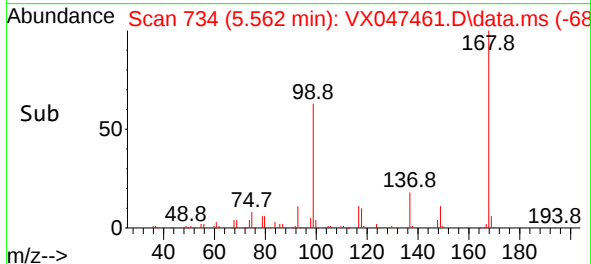
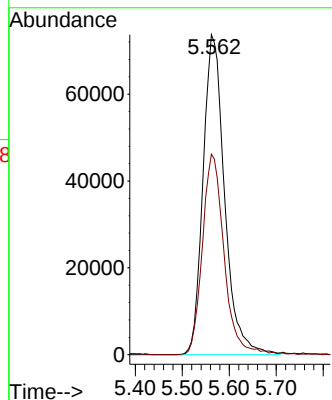
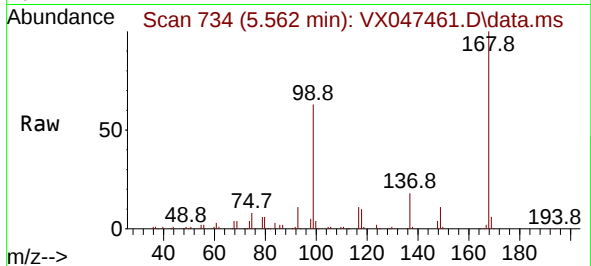




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047461.D
Acq: 21 Aug 2025 12:00

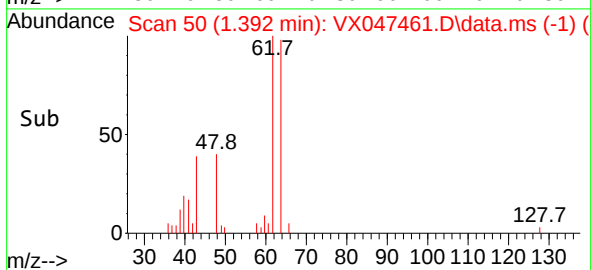
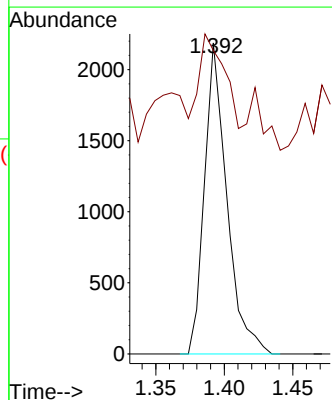
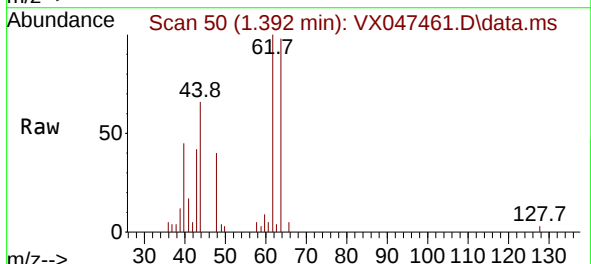
Instrument :
MSVOA_X
ClientSampleId :
MW-19B-71.5-081325-FD

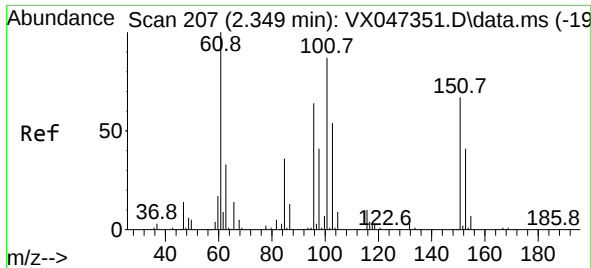
Tgt Ion:168 Resp: 234783
Ion Ratio Lower Upper
168 100
99 62.5 47.9 71.9



#4
Vinyl Chloride
Concen: 0.737 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047461.D
Acq: 21 Aug 2025 12:00

Tgt Ion: 62 Resp: 2490
Ion Ratio Lower Upper
62 100
64 31.0 26.5 39.7

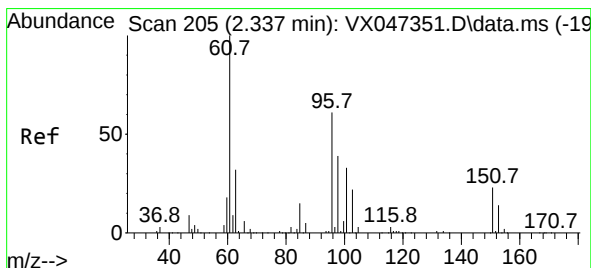
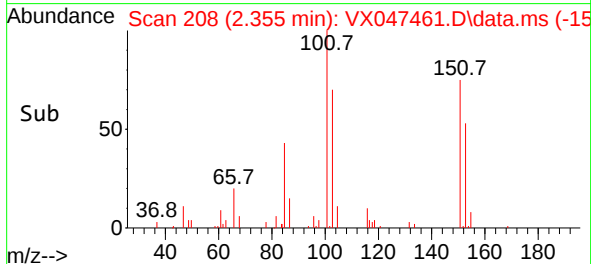
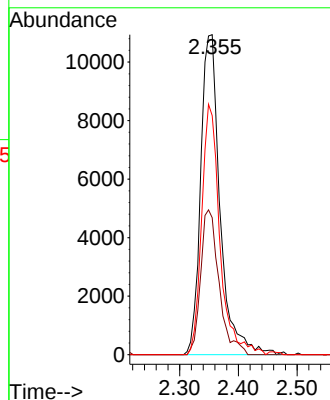
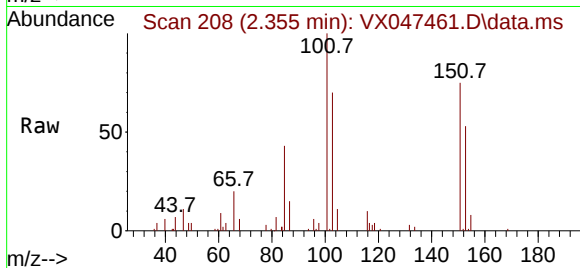




#9
1,1,2-Trichlorotrifluoroethane
Concen: 8.657 ug/l
RT: 2.355 min Scan# 208
Delta R.T. 0.006 min
Lab File: VX047461.D
Acq: 21 Aug 2025 12:00

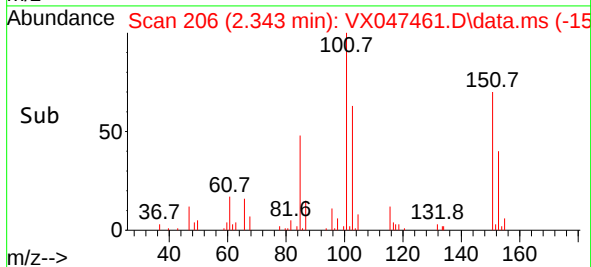
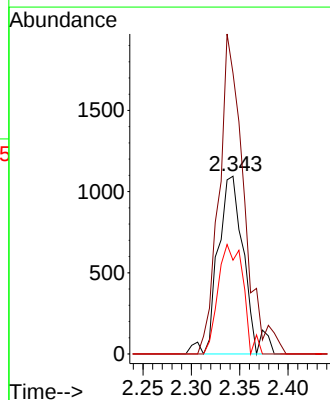
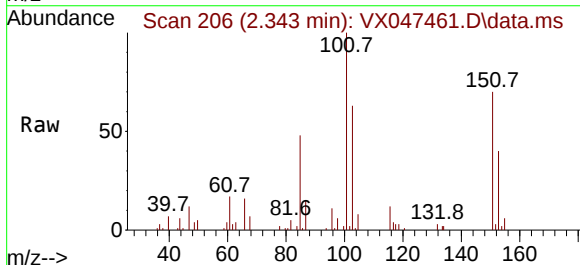
Instrument :
MSVOA_X
ClientSampleId :
MW-19B-71.5-081325-FD

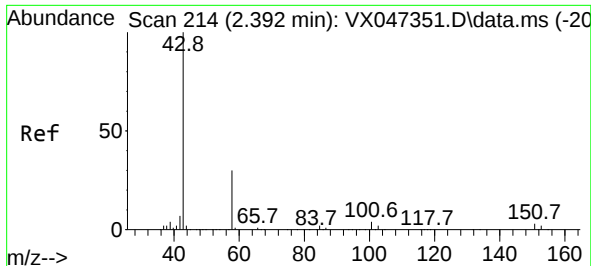
Tgt Ion:101 Resp: 25101
Ion Ratio Lower Upper
101 100
85 42.9 34.3 51.5
151 73.2 59.2 88.8



#12
1,1-Dichloroethene
Concen: 0.690 ug/l
RT: 2.343 min Scan# 206
Delta R.T. 0.006 min
Lab File: VX047461.D
Acq: 21 Aug 2025 12:00

Tgt Ion: 96 Resp: 2040
Ion Ratio Lower Upper
96 100
61 145.4 132.2 198.2
98 48.6 51.2 76.8#





#16

Acetone

Concen: 2.091 ug/l

RT: 2.410 min Scan# 21

Delta R.T. 0.018 min

Lab File: VX047461.D

Acq: 21 Aug 2025 12:00

Instrument :

MSVOA_X

ClientSampleId :

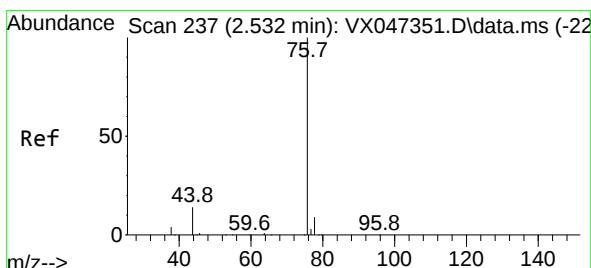
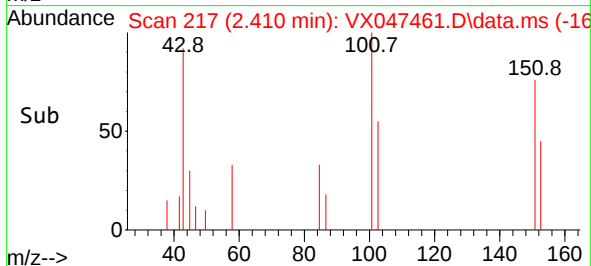
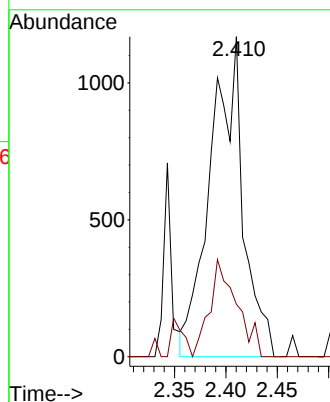
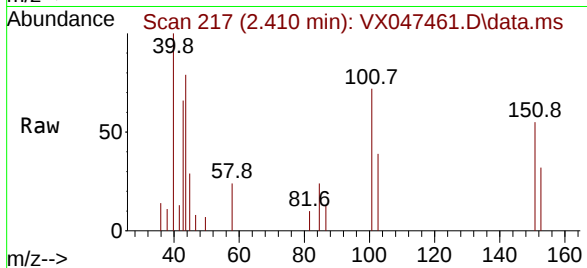
MW-19B-71.5-081325-FD

Tgt Ion: 43 Resp: 2583

Ion Ratio Lower Upper

43 100

58 31.8 24.8 37.2



#17

Carbon Disulfide

Concen: 0.264 ug/l

RT: 2.538 min Scan# 238

Delta R.T. 0.006 min

Lab File: VX047461.D

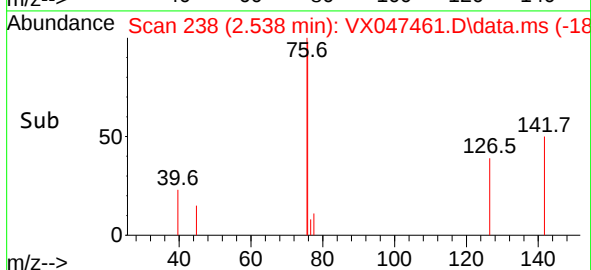
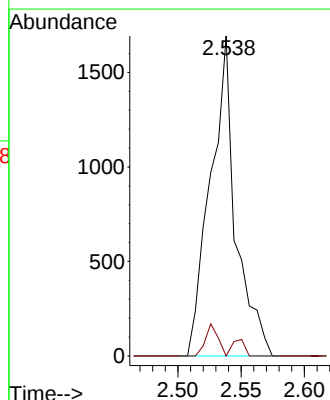
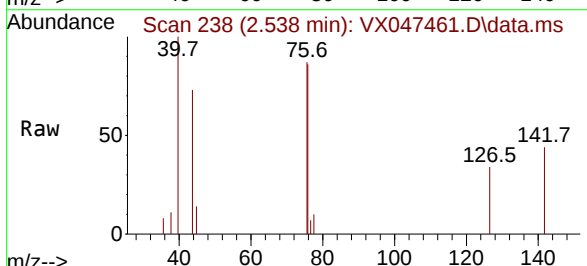
Acq: 21 Aug 2025 12:00

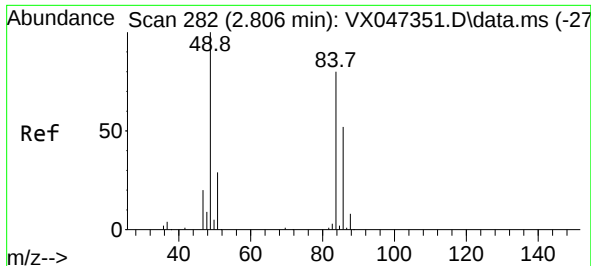
Tgt Ion: 76 Resp: 2354

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#

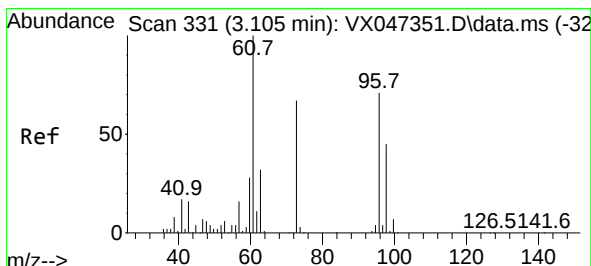
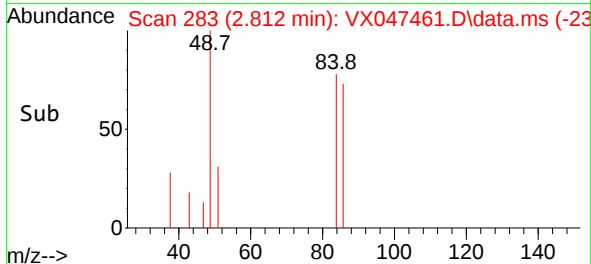
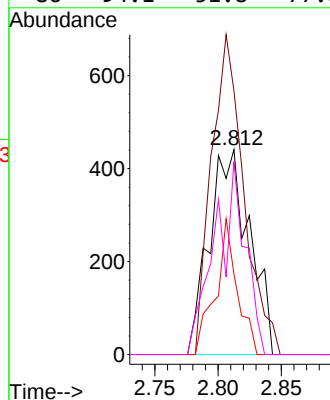
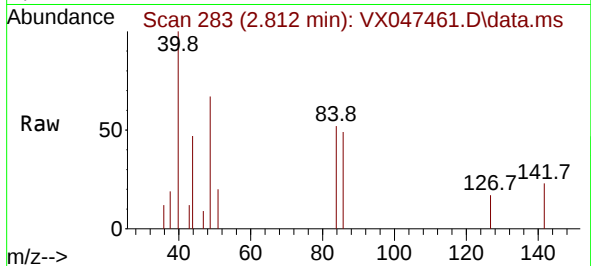




#20
Methylene Chloride
Concen: 0.299 ug/l
RT: 2.812 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047461.D
Acq: 21 Aug 2025 12:00

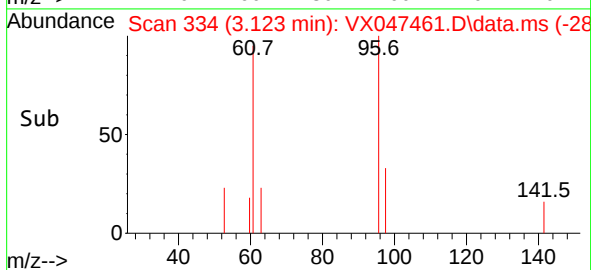
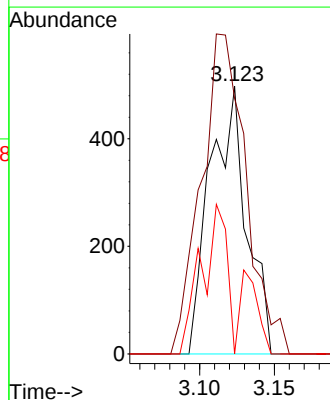
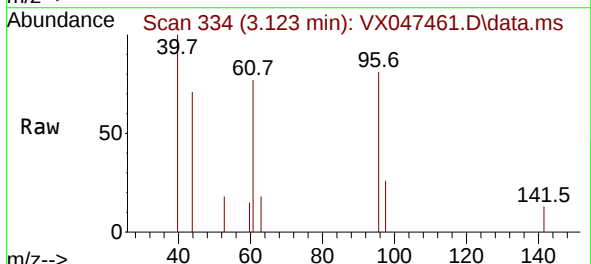
Instrument :
MSVOA_X
ClientSampleId :
MW-19B-71.5-081325-FD

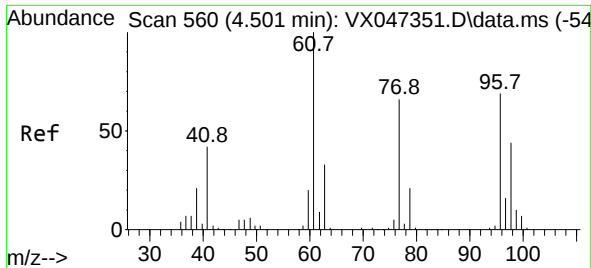
Tgt Ion:	84	Resp:	978
Ion	Ratio	Lower	Upper
84	100		
49	128.6	100.1	150.1
51	39.2	29.5	44.3
86	94.1	51.8	77.8#



#21
trans-1,2-Dichloroethene
Concen: 0.270 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.018 min
Lab File: VX047461.D
Acq: 21 Aug 2025 12:00

Tgt Ion:	96	Resp:	846
Ion	Ratio	Lower	Upper
96	100		
61	82.9	112.6	169.0#
98	0.0	50.9	76.3#



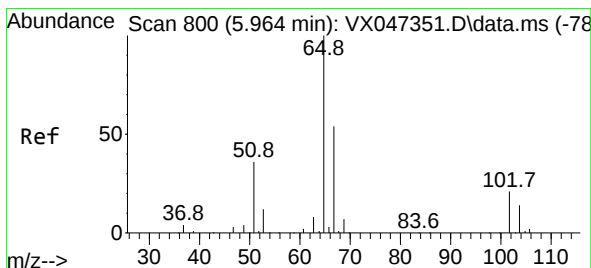
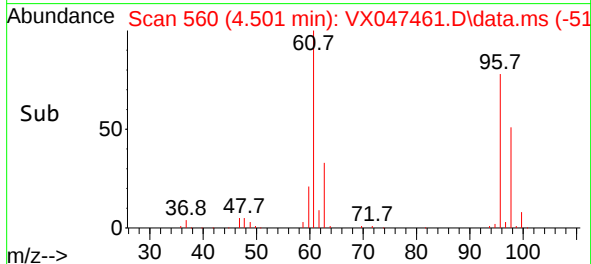
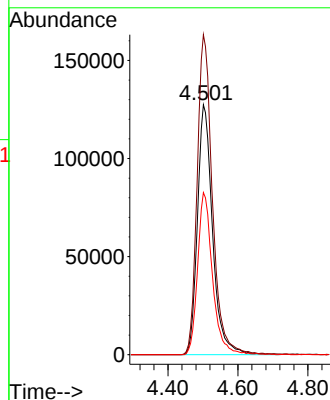
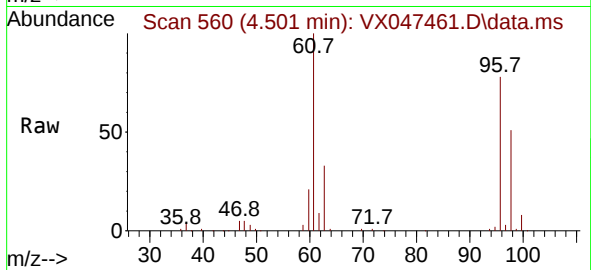


#27
 cis-1,2-Dichloroethene
 Concen: 104.951 ug/l
 RT: 4.501 min Scan# 560
 Delta R.T. 0.000 min
 Lab File: VX047461.D
 Acq: 21 Aug 2025 12:00

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

Tgt Ion: 96 Resp: 383526

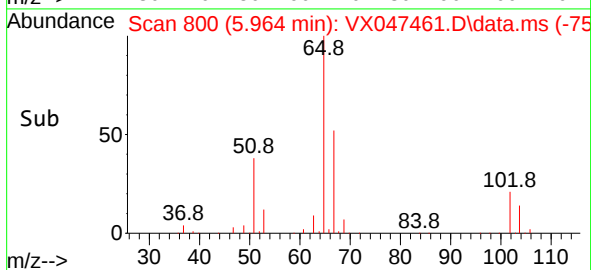
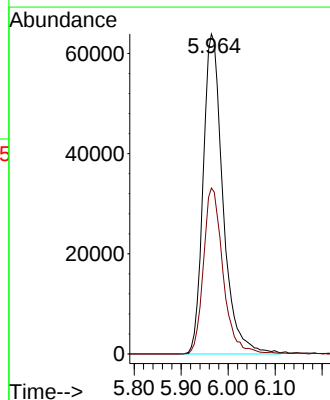
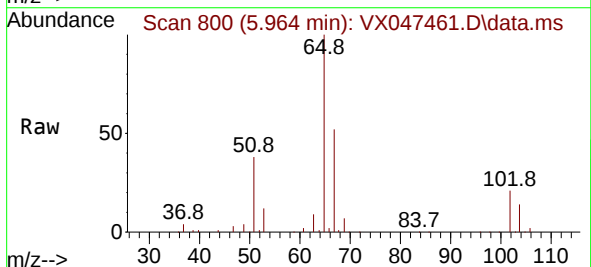
Ion	Ratio	Lower	Upper
96	100		
61	128.6	0.0	296.6
98	63.4	0.0	130.4

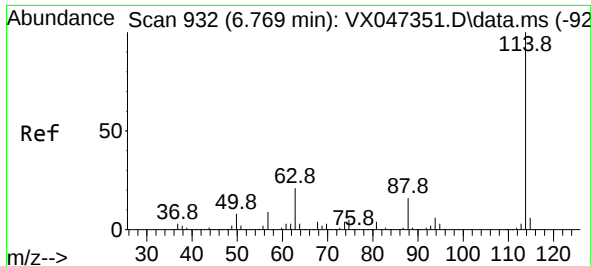


#33
 1,2-Dichloroethane-d4
 Concen: 56.815 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047461.D
 Acq: 21 Aug 2025 12:00

Tgt Ion: 65 Resp: 186685

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	106.0

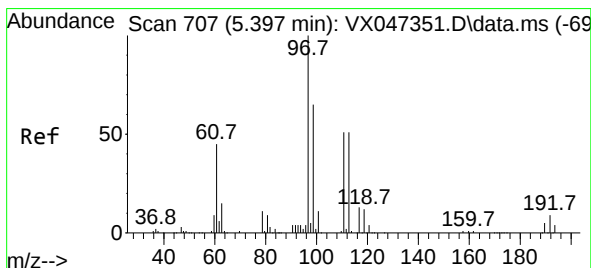
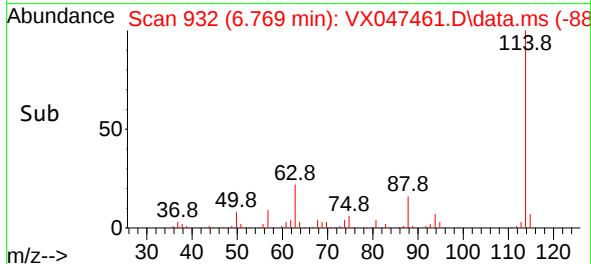
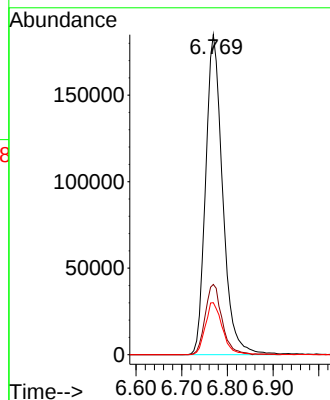
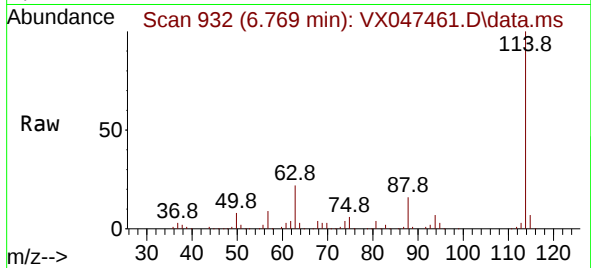




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047461.D
Acq: 21 Aug 2025 12:00

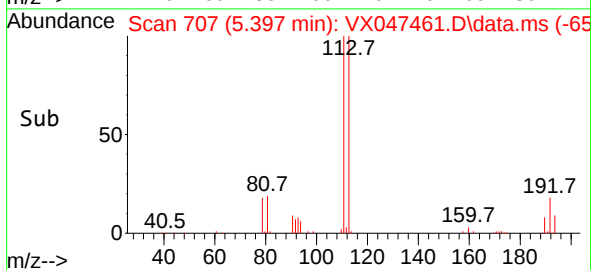
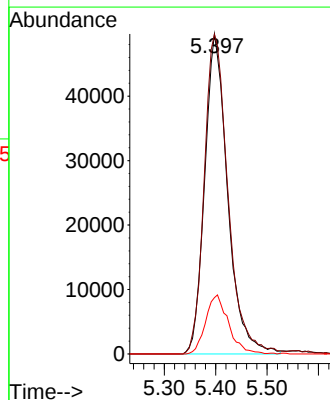
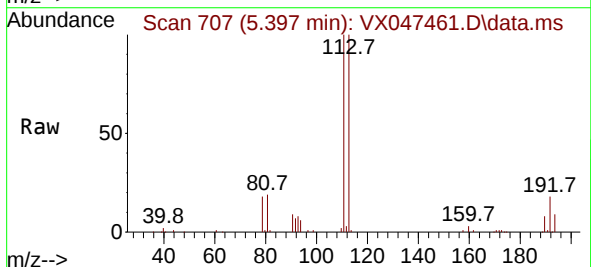
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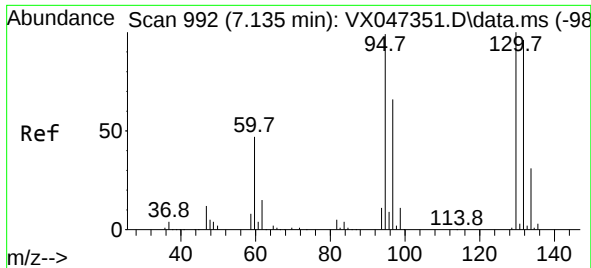
Tgt Ion:114 Resp: 477817
Ion Ratio Lower Upper
114 100
63 22.0 0.0 42.4
88 16.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.642 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047461.D
Acq: 21 Aug 2025 12:00

Tgt Ion:113 Resp: 153944
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.2
192 18.4 14.1 21.1

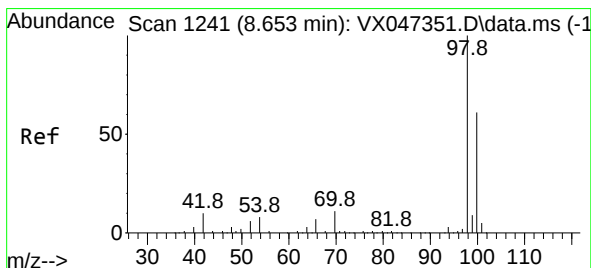
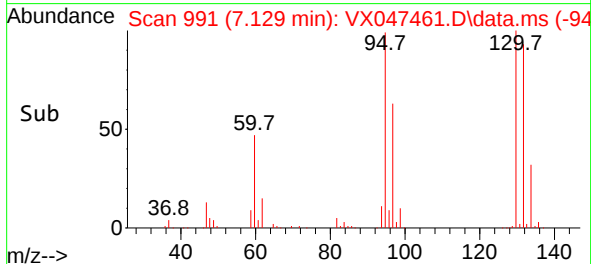
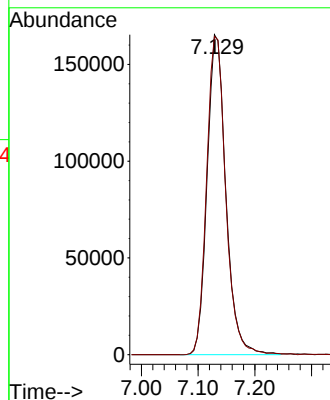
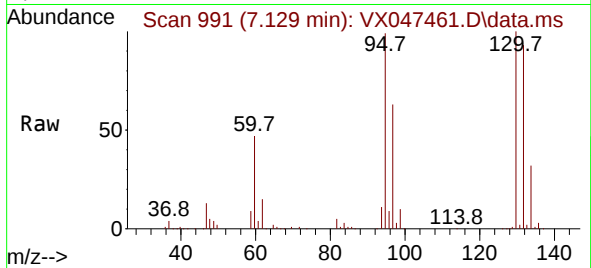




#44
Trichloroethene
Concen: 101.492 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX047461.D
Acq: 21 Aug 2025 12:00

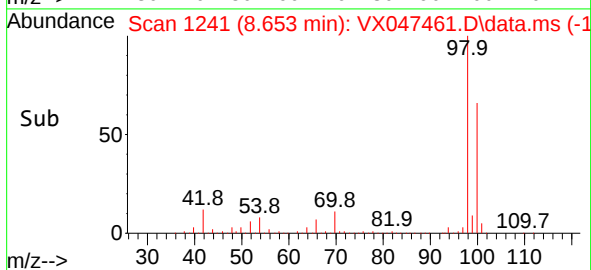
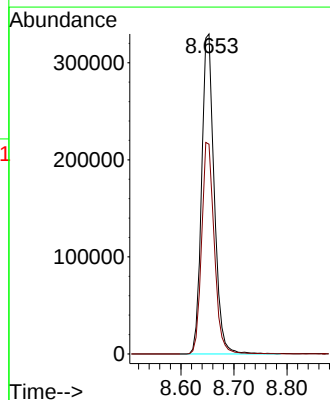
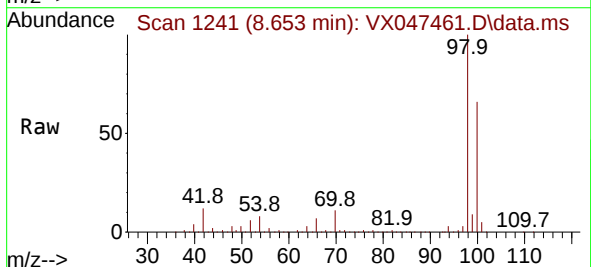
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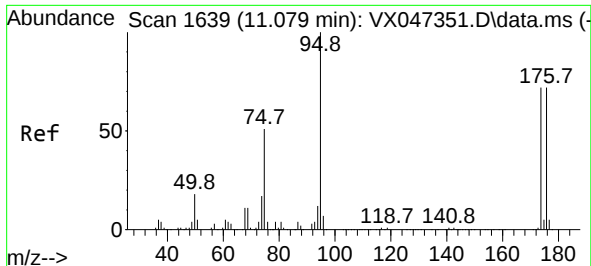
Tgt Ion:130 Resp: 380783
Ion Ratio Lower Upper
130 100
95 99.5 0.0 198.6



#50
Toluene-d8
Concen: 49.101 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047461.D
Acq: 21 Aug 2025 12:00

Tgt Ion: 98 Resp: 544241
Ion Ratio Lower Upper
98 100
100 66.4 53.9 80.9





#62

4-Bromofluorobenzene

Concen: 55.674 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047461.D

Acq: 21 Aug 2025 12:00

Instrument :

MSVOA_X

ClientSampleId :

MW-19B-71.5-081325-FD

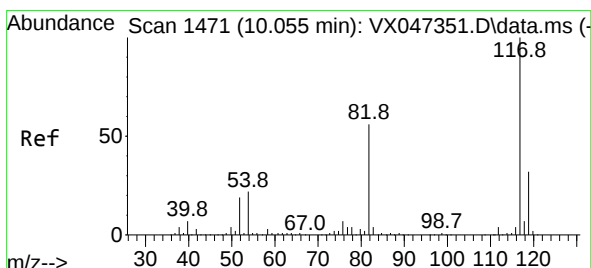
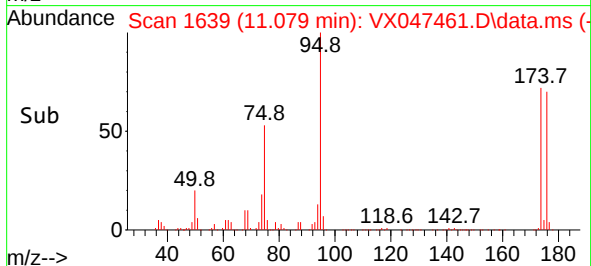
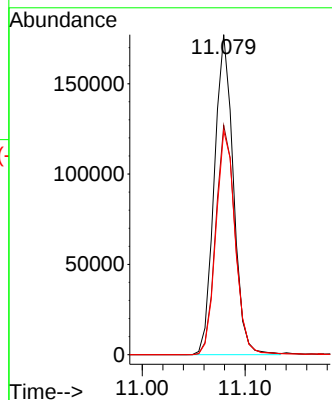
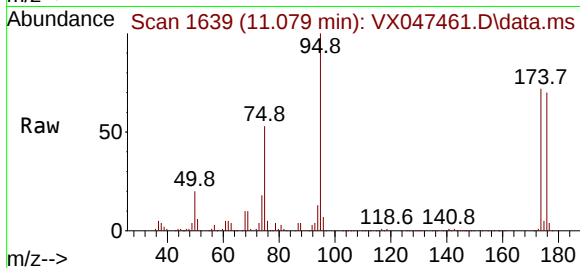
Tgt Ion: 95 Resp: 227719

Ion Ratio Lower Upper

95 100

174 72.9 0.0 148.0

176 71.2 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: VX047461.D

Acq: 21 Aug 2025 12:00

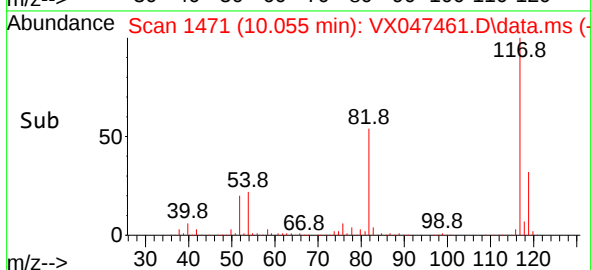
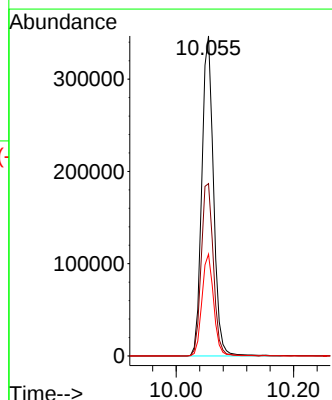
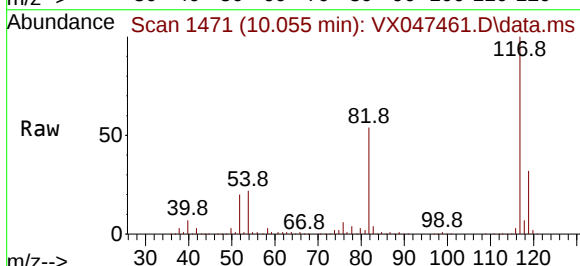
Tgt Ion: 117 Resp: 477729

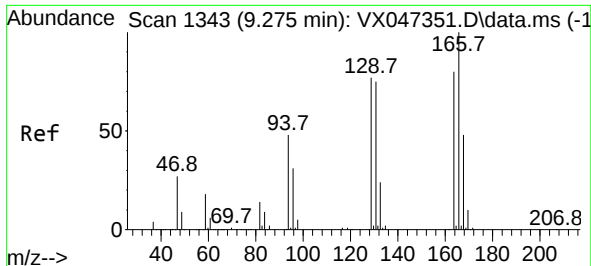
Ion Ratio Lower Upper

117 100

82 53.8 45.0 67.4

119 31.8 25.8 38.8

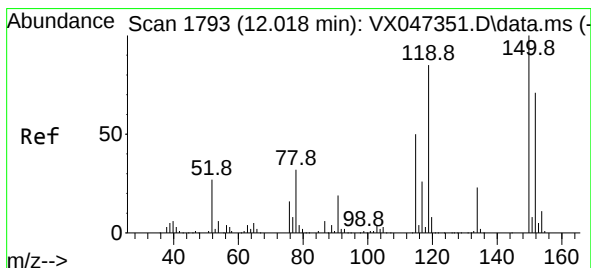
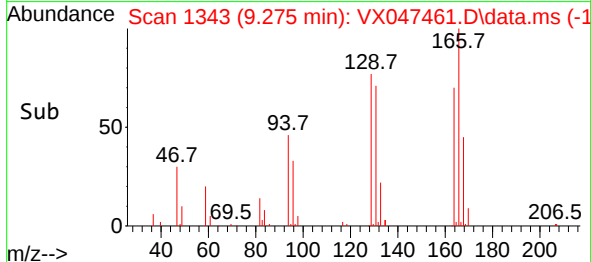
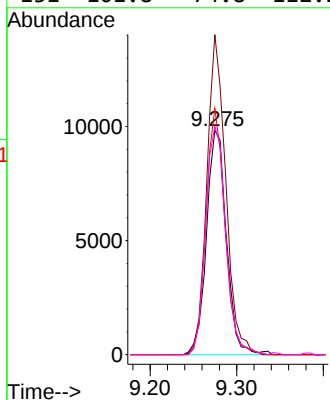
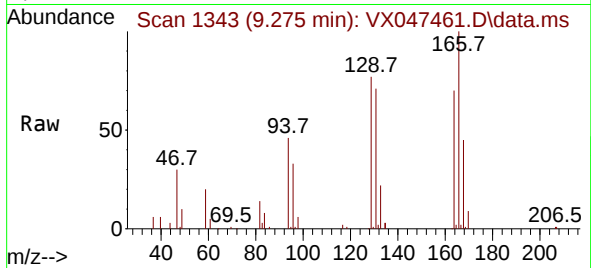




#64
Tetrachloroethene
Concen: 4.558 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047461.D
Acq: 21 Aug 2025 12:00

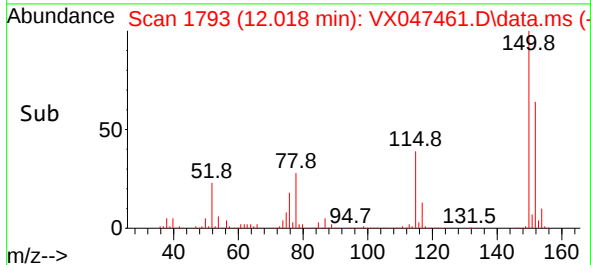
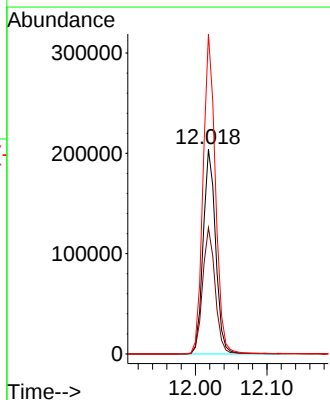
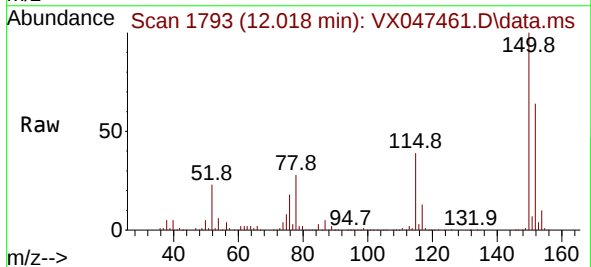
Instrument :
MSVOA_X
ClientSampleId :
MW-19B-71.5-081325-FD

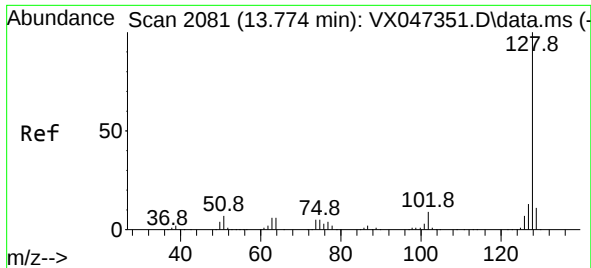
Tgt Ion:164	Resp:	15750
Ion	Ratio	Lower Upper
164	100	
166	142.7	100.3 150.5
129	109.8	77.7 116.5
131	101.8	74.8 112.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047461.D
Acq: 21 Aug 2025 12:00

Tgt Ion:152	Resp:	247621
Ion	Ratio	Lower Upper
152	100	
115	62.2	44.6 133.8
150	155.0	0.0 349.8





#95

Naphthalene

Concen: 0.470 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX047461.D

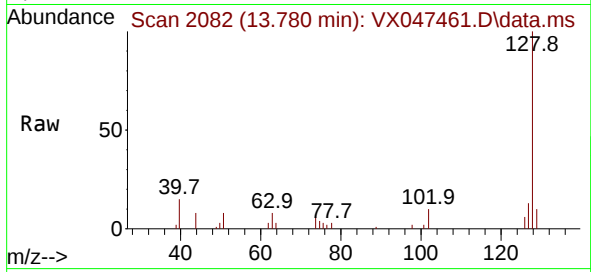
Acq: 21 Aug 2025 12:00

Instrument :

MSVOA_X

ClientSampleId :

MW-19B-71.5-081325-FD



Tgt Ion:128 Resp: 7720

Ion Ratio Lower Upper

128 100

127 12.4 10.1 15.1

129 12.3 8.7 13.1

