

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082025\
 Data File : VX047438.D
 Acq On : 20 Aug 2025 13:37
 Operator : JC/MD
 Sample : Q2869-04 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11A-13.5-081325

Quant Time: Aug 21 01:31:09 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)

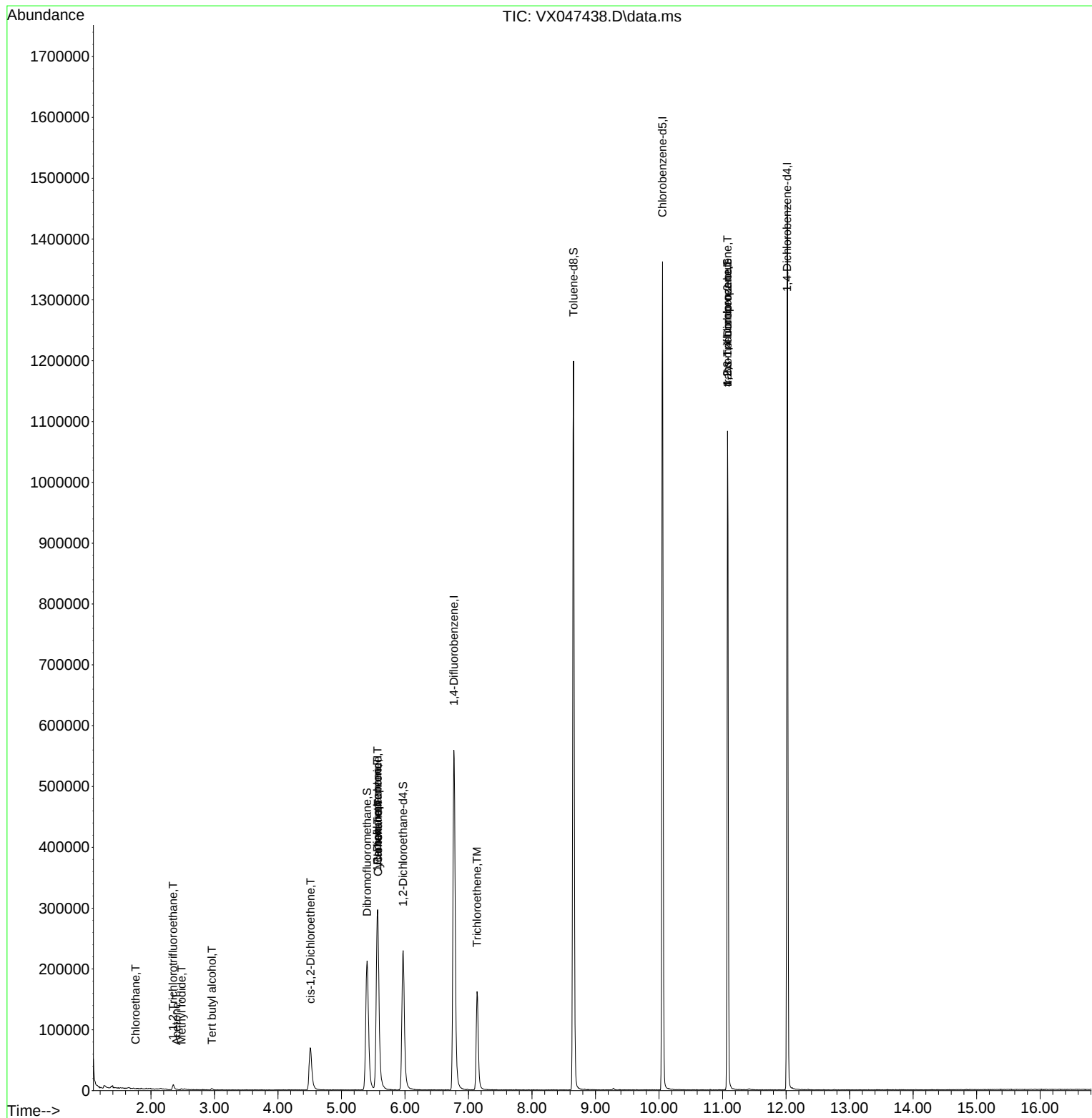
Internal Standards						
1) Pentafluorobenzene	5.568	168	298472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	603821	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	598328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	293249	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	239584	57.355	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 114.720%	
35) Dibromofluoromethane	5.403	113	202165	51.588	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.180%	
50) Toluene-d8	8.653	98	717909	51.253	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.500%	
62) 4-Bromofluorobenzene	11.079	95	289441	55.997	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.000%	
Target Compounds						Qvalue
6) Chloroethane	1.757	64	811	0.309	ug/l #	58
9) 1,1,2-Trichlorotrifluo...	2.349	101	3280	0.890	ug/l	93
10) Methyl Iodide	2.483	142	2522	0.399	ug/l #	80
11) Tert butyl alcohol	2.958	59	191	0.526	ug/l #	72
16) Acetone	2.398	43	1598	1.018	ug/l #	82
27) cis-1,2-Dichloroethene	4.513	96	49378	10.629	ug/l	89
31) Cyclohexane	5.574	56	6569	0.977	ug/l #	2
36) 1,1-Dichloropropene	5.562	75	24509	3.962	ug/l #	51
38) Carbon Tetrachloride	5.568	117	31524	4.663	ug/l #	16
44) Trichloroethene	7.135	130	65134	13.738	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	150910	28.058	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	150910	110.643	ug/l #	7

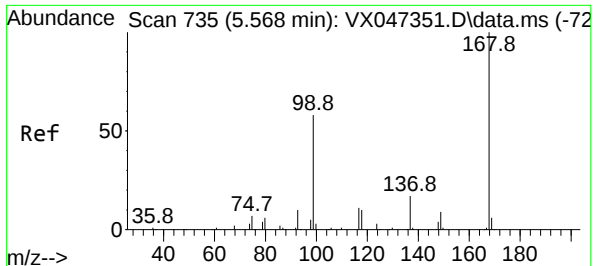
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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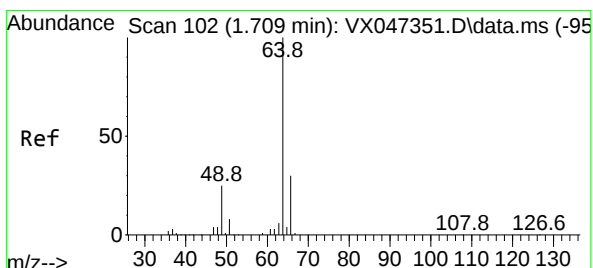
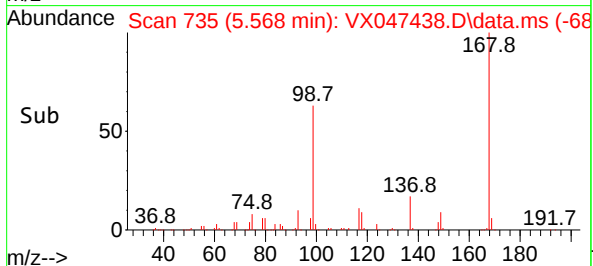
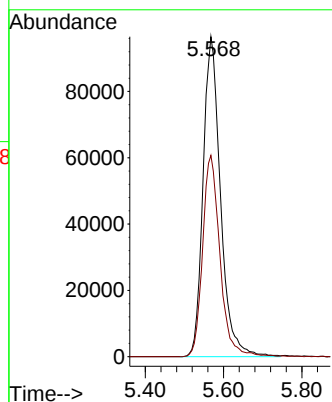
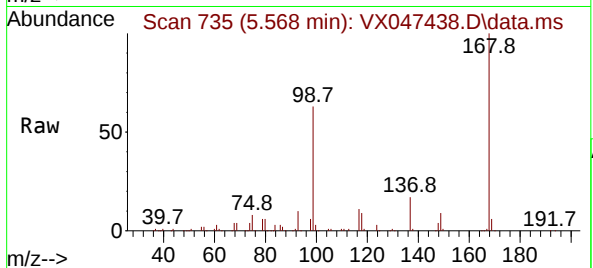




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047438.D
Acq: 20 Aug 2025 13:37

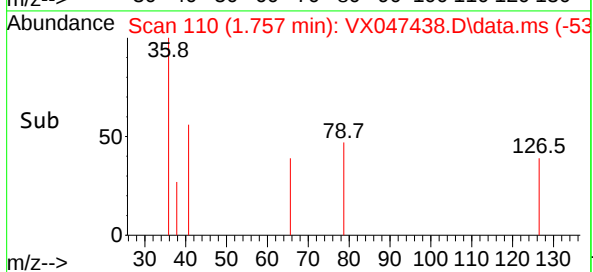
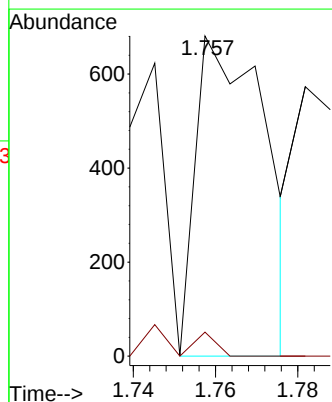
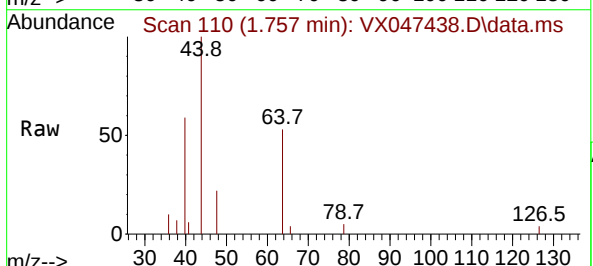
Instrument :
MSVOA_X
ClientSampleId :
MW-11A-13.5-081325

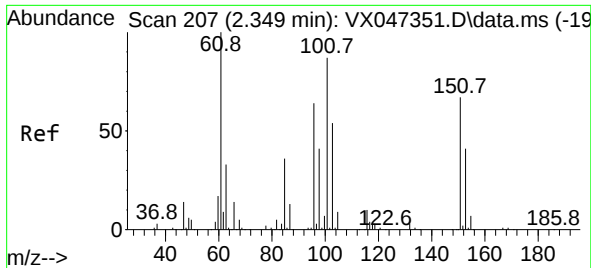
Tgt Ion:168 Resp: 298472
Ion Ratio Lower Upper
168 100
99 62.9 47.9 71.9



#6
Chloroethane
Concen: 0.309 ug/l
RT: 1.757 min Scan# 110
Delta R.T. 0.049 min
Lab File: VX047438.D
Acq: 20 Aug 2025 13:37

Tgt Ion: 64 Resp: 811
Ion Ratio Lower Upper
64 100
66 7.5 24.4 36.6#

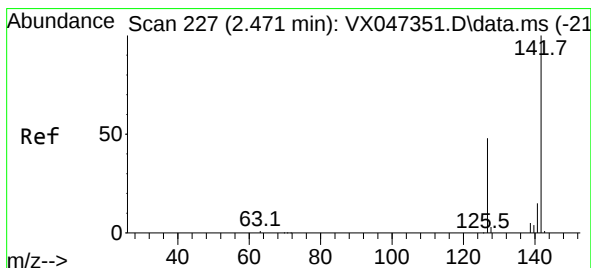
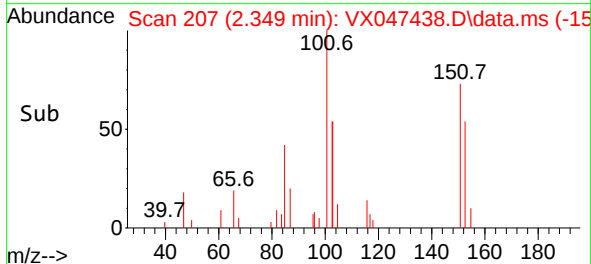
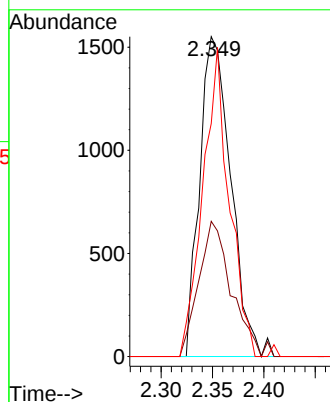
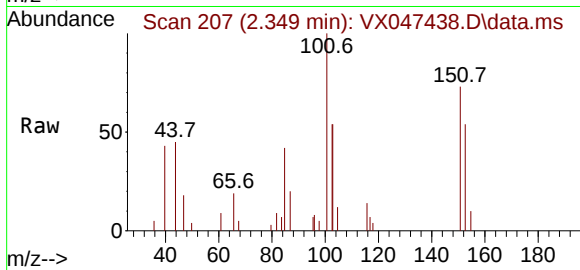




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.890 ug/l
RT: 2.349 min Scan# 207
Delta R.T. -0.000 min
Lab File: VX047438.D
Acq: 20 Aug 2025 13:37

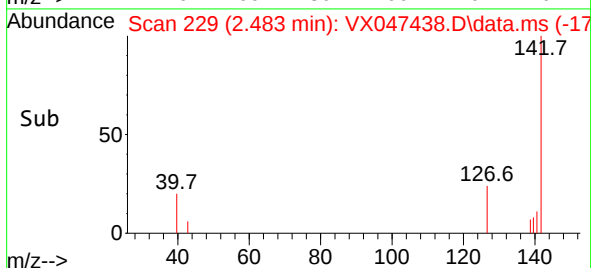
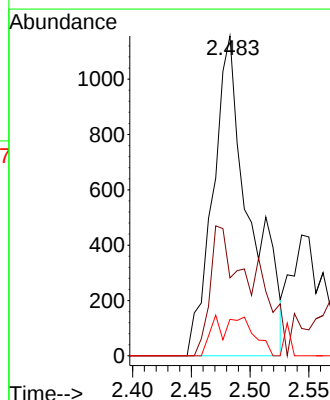
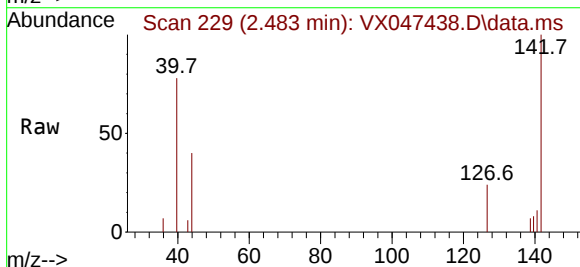
Instrument :
MSVOA_X
ClientSampleId :
MW-11A-13.5-081325

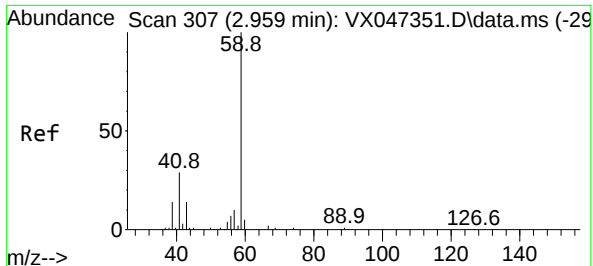
Tgt Ion:	101	Resp:	3280
Ion	Ratio	Lower	Upper
101	100		
85	44.8	34.3	51.5
151	81.8	59.2	88.8



#10
Methyl Iodide
Concen: 0.399 ug/l
RT: 2.483 min Scan# 229
Delta R.T. 0.012 min
Lab File: VX047438.D
Acq: 20 Aug 2025 13:37

Tgt Ion:	142	Resp:	2522
Ion	Ratio	Lower	Upper
142	100		
127	33.3	36.1	54.1#
141	4.0	11.1	16.7#





#11

Tert butyl alcohol

Concen: 0.526 ug/l

RT: 2.958 min Scan# 307

Delta R.T. -0.000 min

Lab File: VX047438.D

Acq: 20 Aug 2025 13:37

Instrument :

MSVOA_X

ClientSampleId :

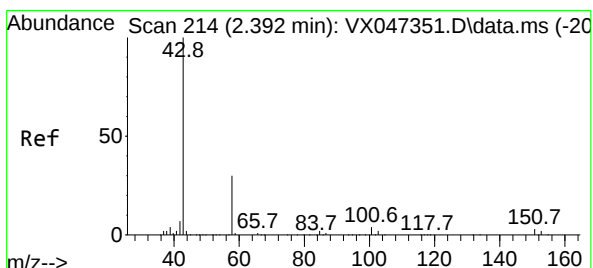
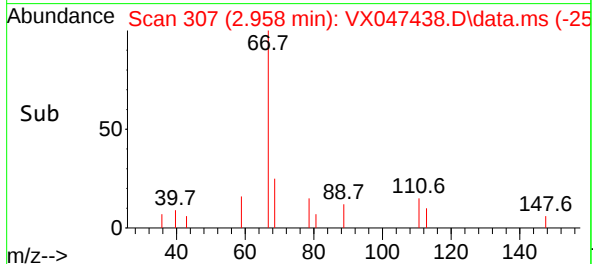
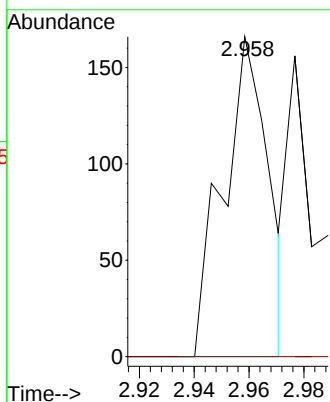
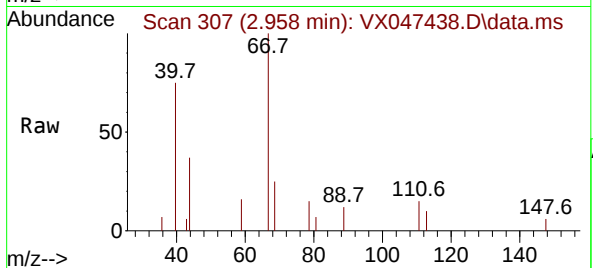
MW-11A-13.5-081325

Tgt Ion: 59 Resp: 191

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 1.018 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.006 min

Lab File: VX047438.D

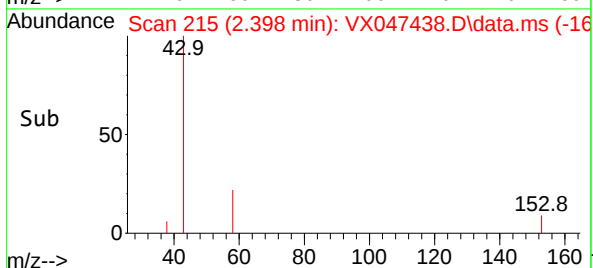
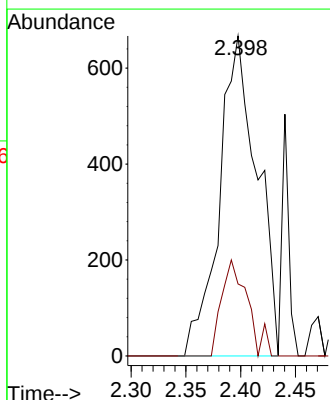
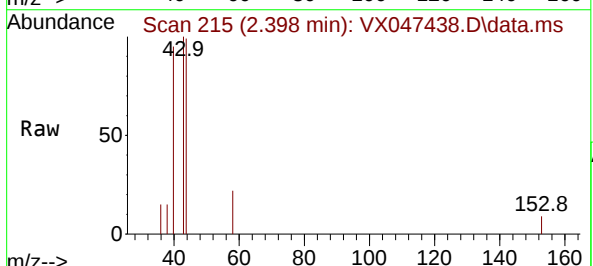
Acq: 20 Aug 2025 13:37

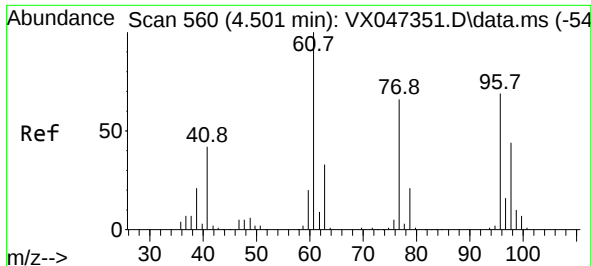
Tgt Ion: 43 Resp: 1598

Ion Ratio Lower Upper

43 100

58 21.2 24.8 37.2#





#27

cis-1,2-Dichloroethene

Concen: 10.629 ug/l

RT: 4.513 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX047438.D

Acq: 20 Aug 2025 13:37

Instrument :

MSVOA_X

ClientSampleId :

MW-11A-13.5-081325

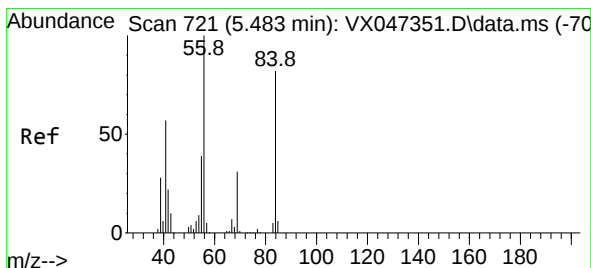
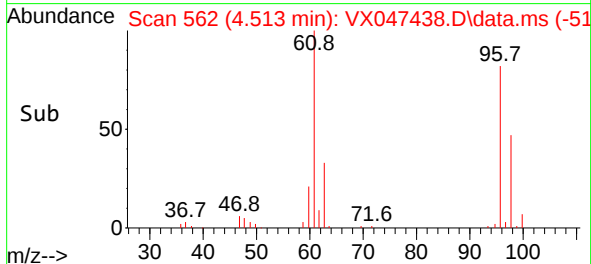
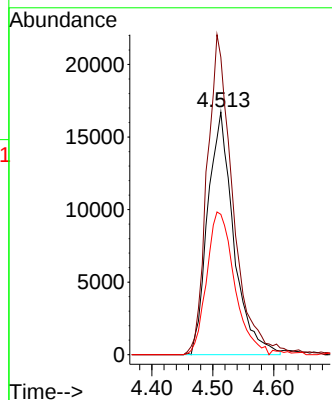
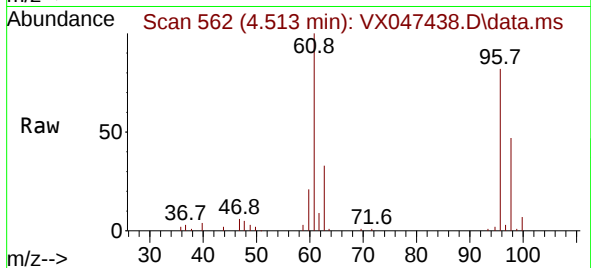
Tgt Ion: 96 Resp: 49378

Ion Ratio Lower Upper

96 100

61 130.5 0.0 296.6

98 63.0 0.0 130.4



#31

Cyclohexane

Concen: 0.977 ug/l

RT: 5.574 min Scan# 736

Delta R.T. 0.091 min

Lab File: VX047438.D

Acq: 20 Aug 2025 13:37

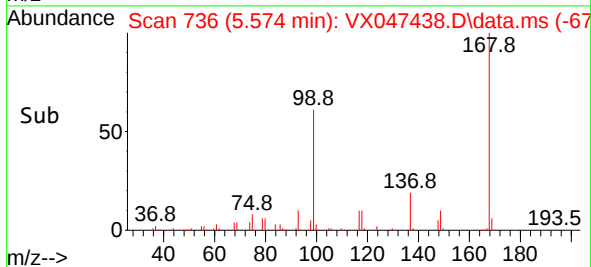
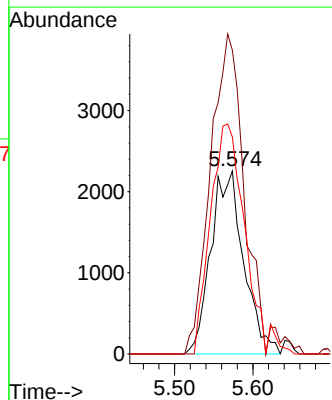
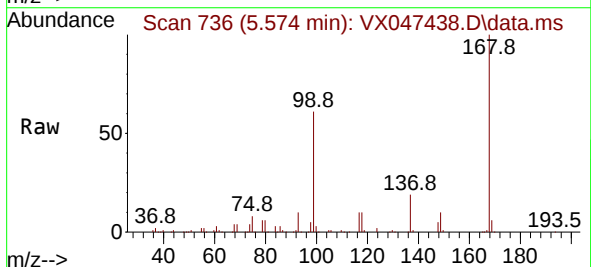
Tgt Ion: 56 Resp: 6569

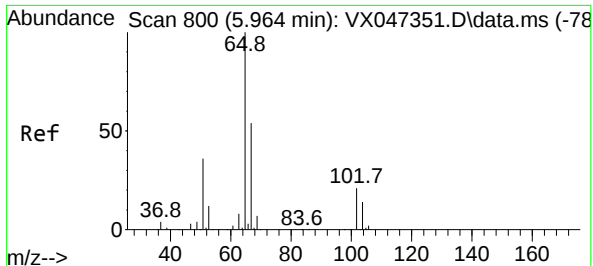
Ion Ratio Lower Upper

56 100

69 166.0 24.3 36.5#

84 118.5 65.3 97.9#





#33

1,2-Dichloroethane-d4

Concen: 57.355 ug/l

RT: 5.970 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX047438.D

Acq: 20 Aug 2025 13:37

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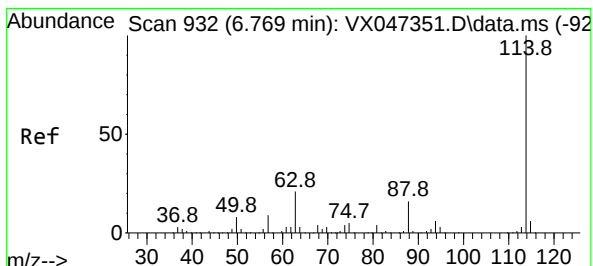
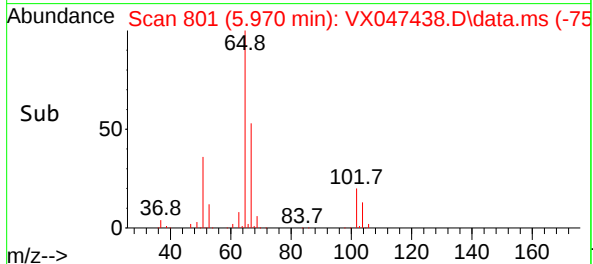
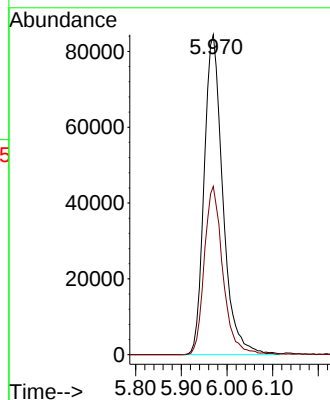
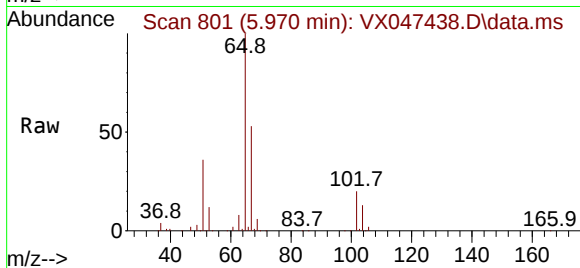
MW-11A-13.5-081325

Tgt Ion: 65 Resp: 239584

Ion Ratio Lower Upper

65 100

67 52.3 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: VX047438.D

Acq: 20 Aug 2025 13:37

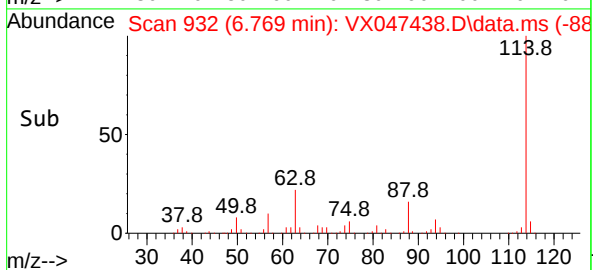
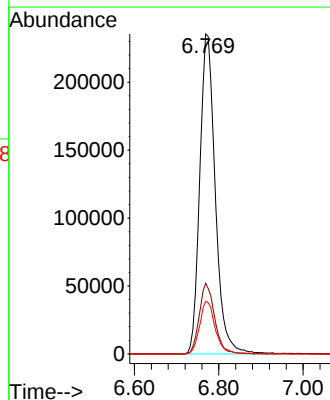
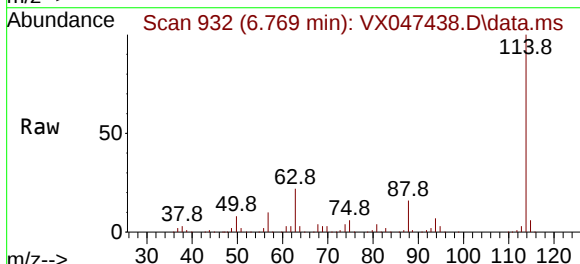
Tgt Ion: 114 Resp: 603821

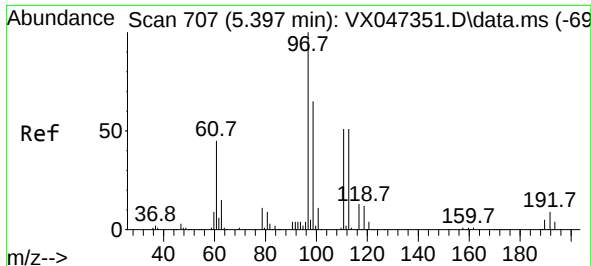
Ion Ratio Lower Upper

114 100

63 22.1 0.0 42.4

88 16.5 0.0 33.0

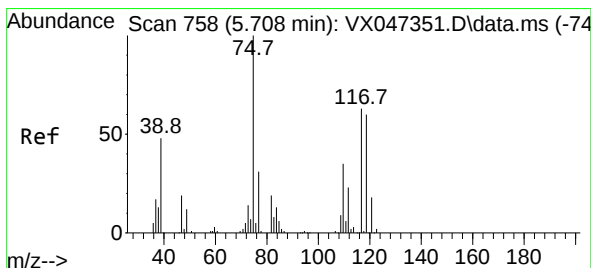
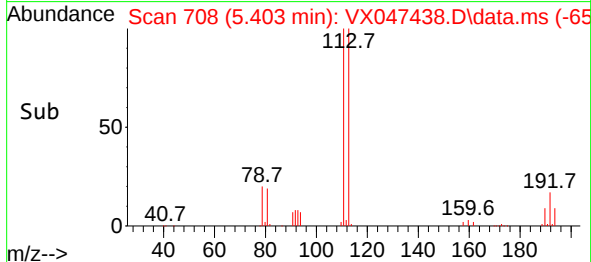
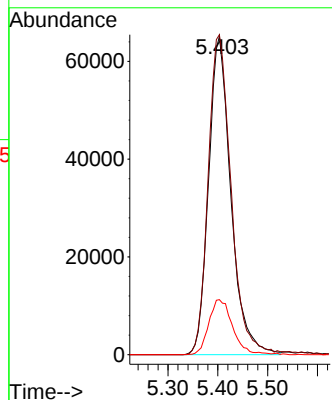
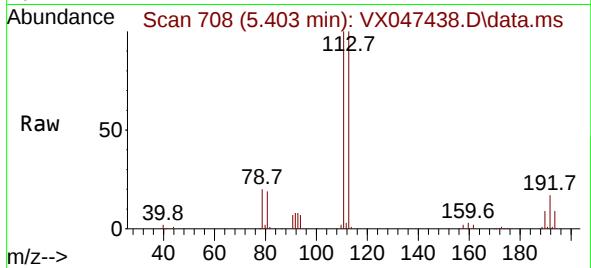




#35
Dibromofluoromethane
Concen: 51.588 ug/l
RT: 5.403 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX047438.D
Acq: 20 Aug 2025 13:37

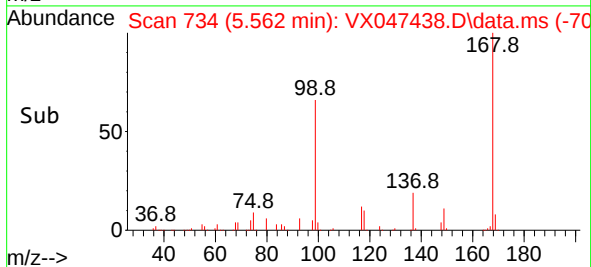
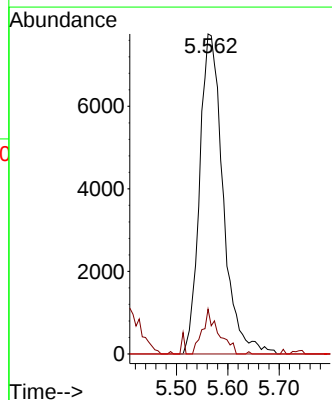
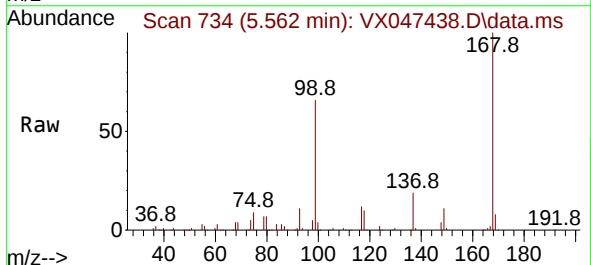
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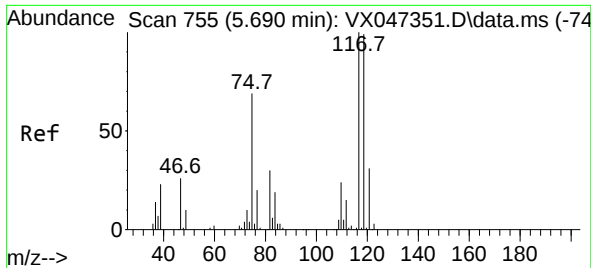
Tgt Ion:113 Resp: 202165
Ion Ratio Lower Upper
113 100
111 104.3 81.4 122.2
192 18.4 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.962 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.147 min
Lab File: VX047438.D
Acq: 20 Aug 2025 13:37

Tgt Ion: 75 Resp: 24509
Ion Ratio Lower Upper
75 100
110 9.7 17.4 52.2#
77 0.0 24.4 36.6#

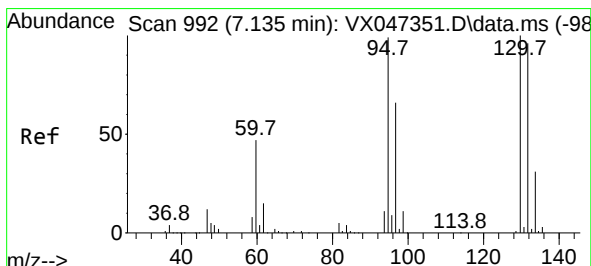
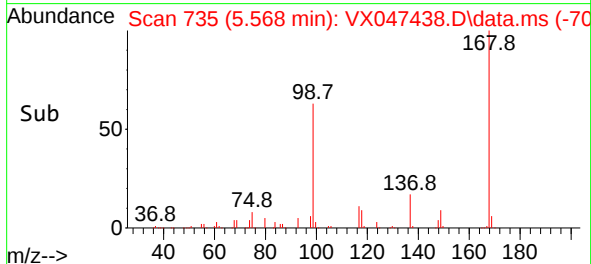
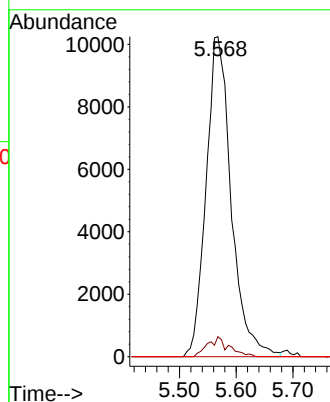
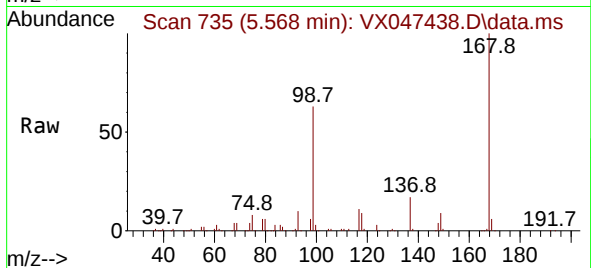




#38
Carbon Tetrachloride
Concen: 4.663 ug/l
RT: 5.568 min Scan# 715
Delta R.T. -0.122 min
Lab File: VX047438.D
Acq: 20 Aug 2025 13:37

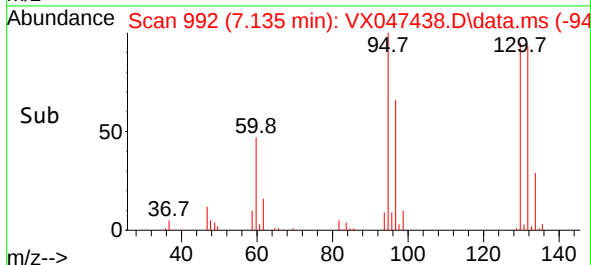
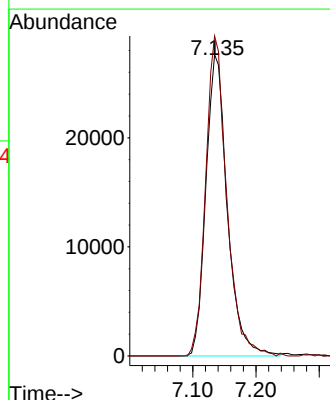
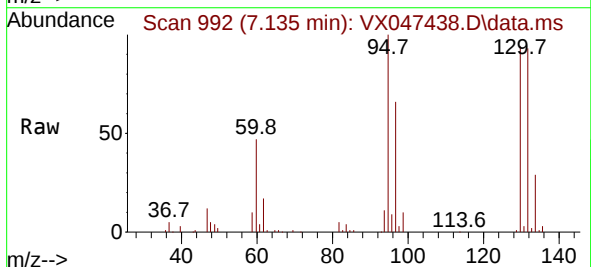
Instrument :
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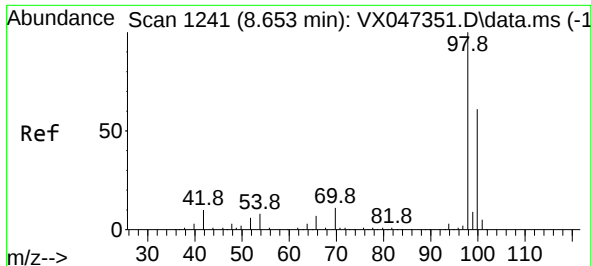
Tgt Ion:117 Resp: 31524
Ion Ratio Lower Upper
117 100
119 6.2 78.5 117.7#
121 0.0 24.7 37.1#



#44
Trichloroethene
Concen: 13.738 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX047438.D
Acq: 20 Aug 2025 13:37

Tgt Ion:130 Resp: 65134
Ion Ratio Lower Upper
130 100
95 106.2 0.0 198.6

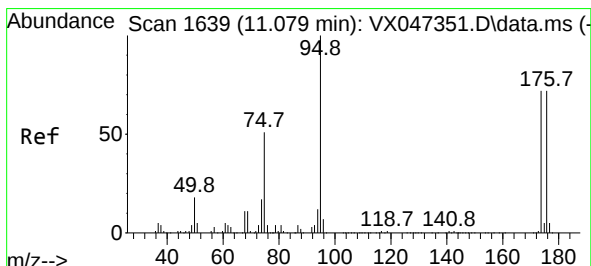
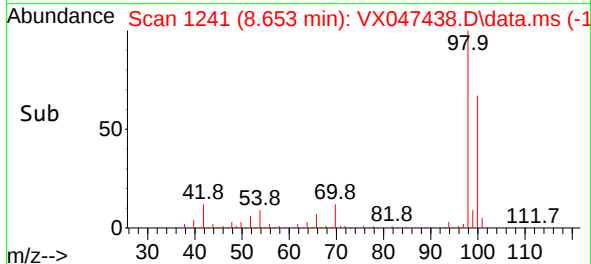
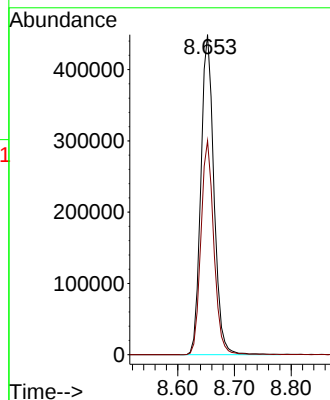
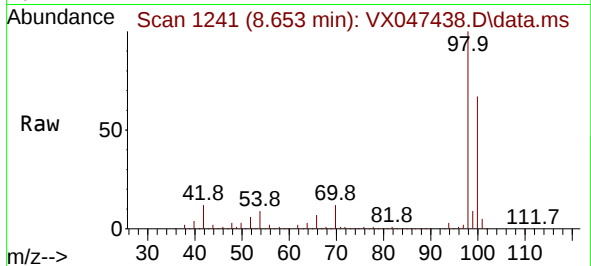




#50
Toluene-d8
Concen: 51.253 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047438.D
Acq: 20 Aug 2025 13:37

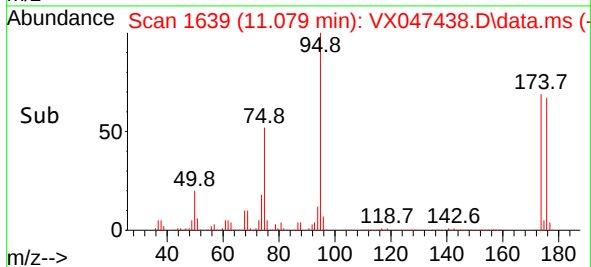
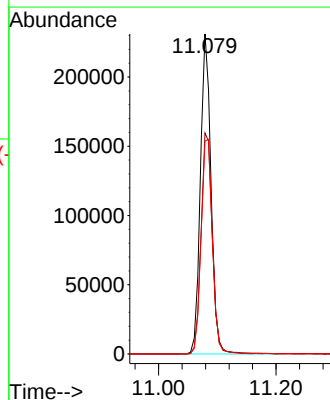
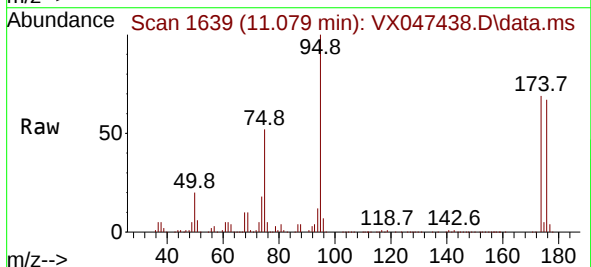
Instrument :
MSVOA_X
ClientSampleId :
MW-11A-13.5-081325

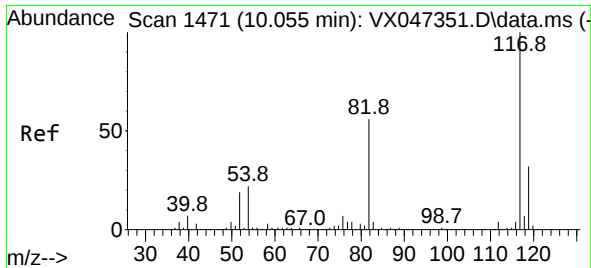
Tgt Ion: 98 Resp: 717909
Ion Ratio Lower Upper
98 100
100 66.2 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 55.997 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047438.D
Acq: 20 Aug 2025 13:37

Tgt Ion: 95 Resp: 289441
Ion Ratio Lower Upper
95 100
174 72.7 0.0 148.0
176 71.3 0.0 145.4

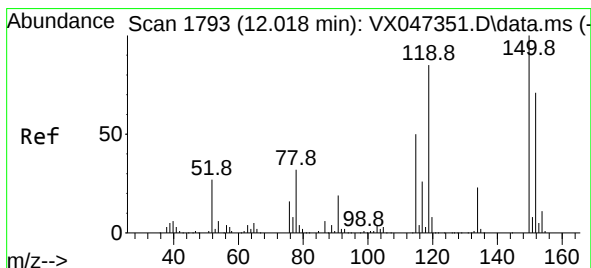
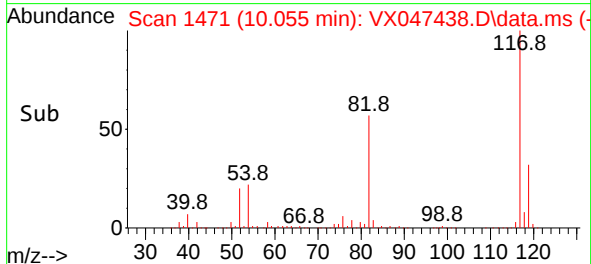
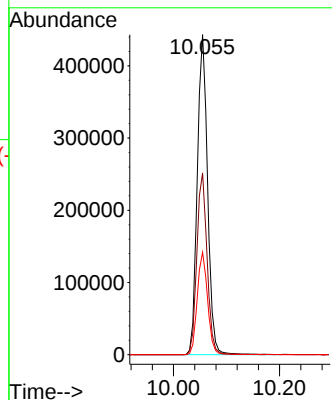
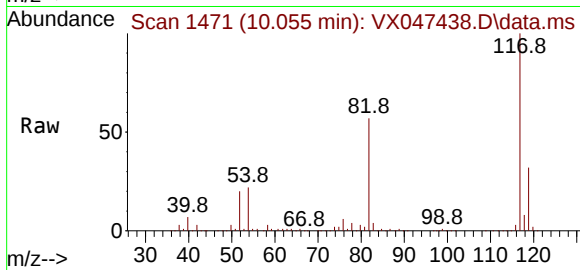




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047438.D
Acq: 20 Aug 2025 13:37

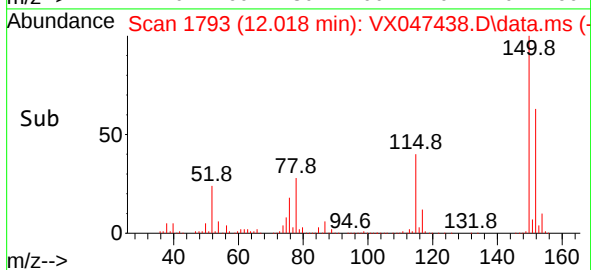
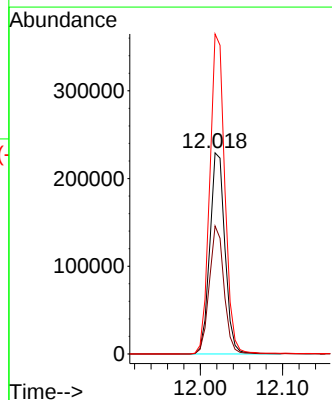
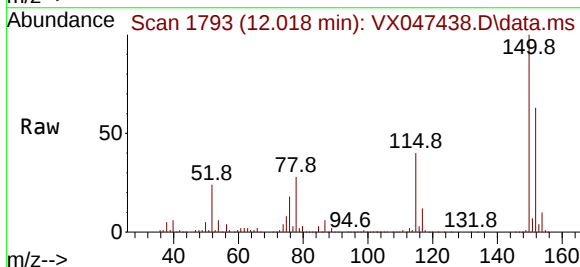
Instrument :
MSVOA_X
ClientSampleId :
MW-11A-13.5-081325

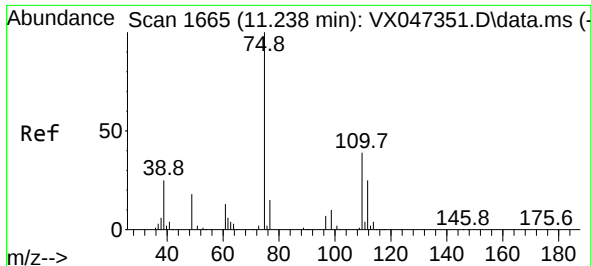
Tgt Ion:117 Resp: 598328
Ion Ratio Lower Upper
117 100
82 56.8 45.0 67.4
119 32.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047438.D
Acq: 20 Aug 2025 13:37

Tgt Ion:152 Resp: 293249
Ion Ratio Lower Upper
152 100
115 61.9 44.6 133.8
150 159.0 0.0 349.8

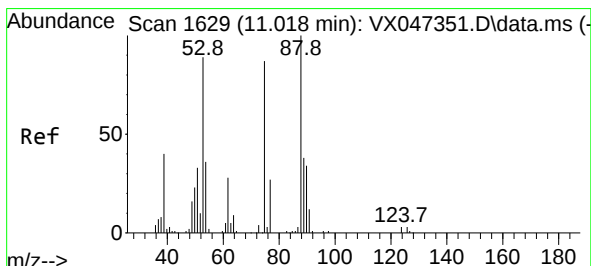
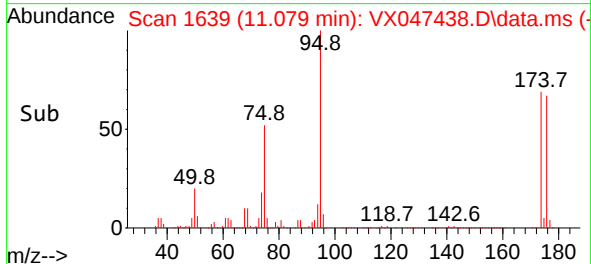
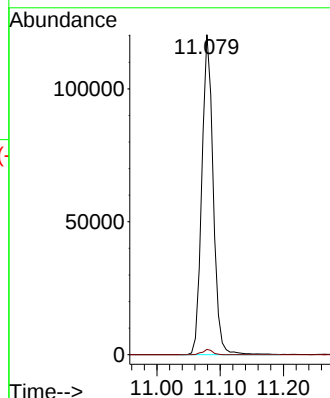
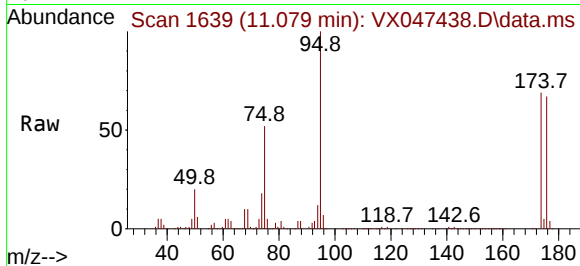




#76
1,2,3-Trichloropropane
Concen: 28.058 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX047438.D
Acq: 20 Aug 2025 13:37

Instrument :
MSVOA_X
ClientSampleId :
MW-11A-13.5-081325

Tgt Ion: 75 Resp: 150910
Ion Ratio Lower Upper
75 100
77 1.5 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.643 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX047438.D
Acq: 20 Aug 2025 13:37

Tgt Ion: 75 Resp: 150910
Ion Ratio Lower Upper
75 100
53 0.0 85.2 127.8#
89 0.0 36.7 55.1#

