

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091825\
 Data File : VX047639.D
 Acq On : 18 Sep 2025 14:40
 Operator : JC/MD
 Sample : Q3095-16DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW305D-20250909DL

Quant Time: Sep 22 03:36:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

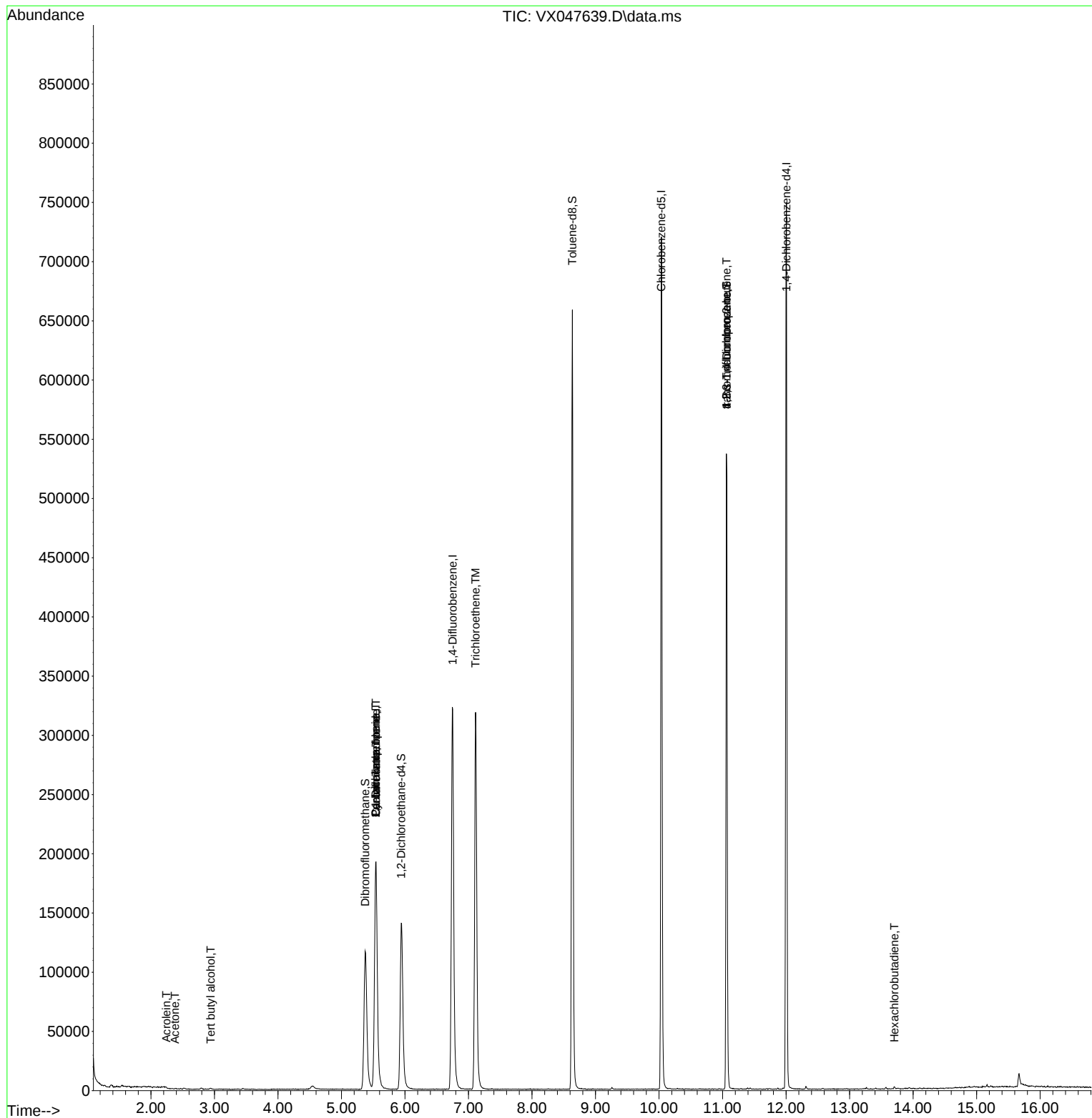
Internal Standards						
1) Pentafluorobenzene	5.544	168	191597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	355157	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	319660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	157275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	154801	50.759	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.520%	
35) Dibromofluoromethane	5.373	113	114511	48.076	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.160%	
50) Toluene-d8	8.635	98	399649	48.491	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.980%	
62) 4-Bromofluorobenzene	11.061	95	153404	49.044	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.080%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	211	0.621	ug/l #	72
13) Acrolein	2.239	56	67	0.214	ug/l #	1
16) Acetone	2.380	43	616	0.465	ug/l #	80
31) Cyclohexane	5.544	56	4713	1.169	ug/l #	2
36) 1,1-Dichloropropene	5.538	75	16448	4.726	ug/l #	50
38) Carbon Tetrachloride	5.544	117	20882	5.522	ug/l #	18
44) Trichloroethene	7.111	130	133795	52.351	ug/l	98
76) 1,2,3-Trichloropropane	11.061	75	79610	25.001	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	79610	63.755	ug/l #	8
94) Hexachlorobutadiene	13.707	225	367	0.319	ug/l	92

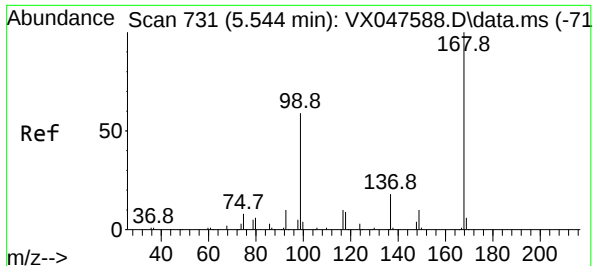
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091825\
Data File : VX047639.D
Acq On : 18 Sep 2025 14:40
Operator : JC/MD
Sample : Q3095-16DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW305D-20250909DL

Quant Time: Sep 22 03:36:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

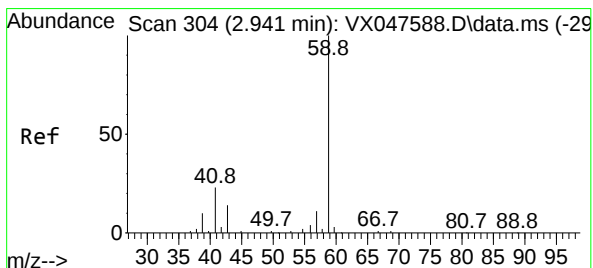
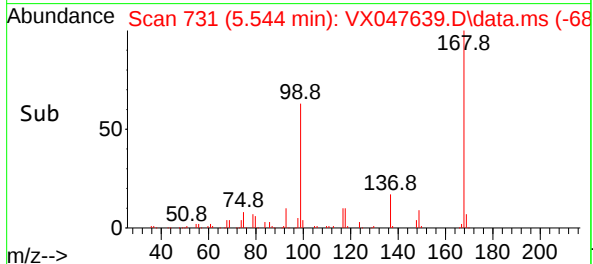
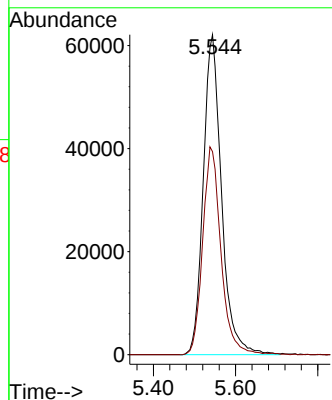
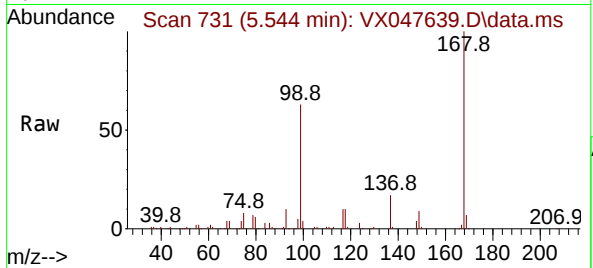




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047639.D
Acq: 18 Sep 2025 14:40

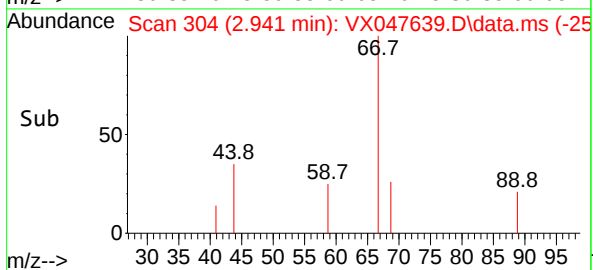
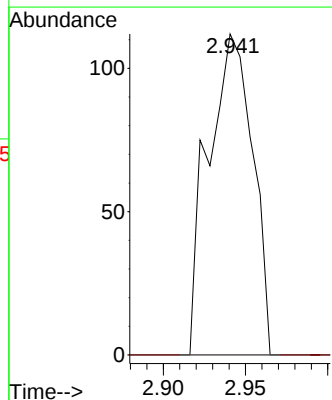
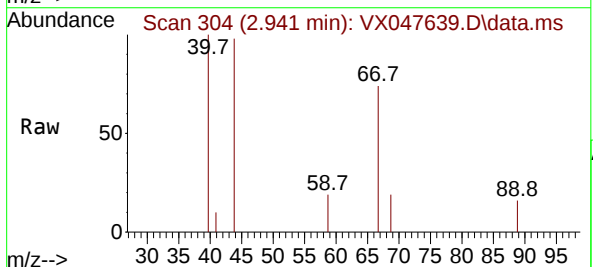
Instrument :
MSVOA_X
ClientSampleId :
MW305D-20250909DL

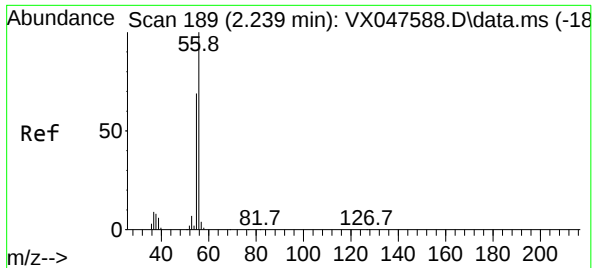
Tgt Ion:168 Resp: 191597
Ion Ratio Lower Upper
168 100
99 63.5 48.8 73.2



#11
Tert butyl alcohol
Concen: 0.621 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX047639.D
Acq: 18 Sep 2025 14:40

Tgt Ion: 59 Resp: 211
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

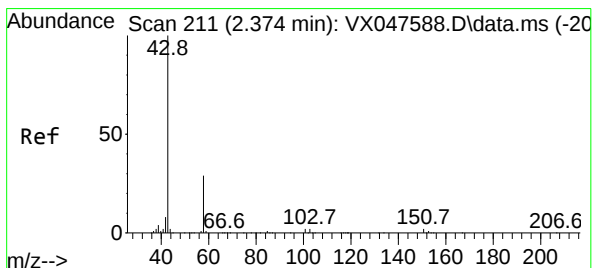
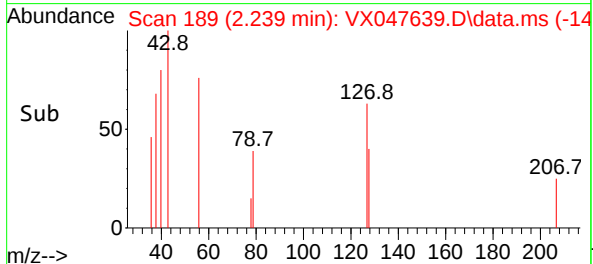
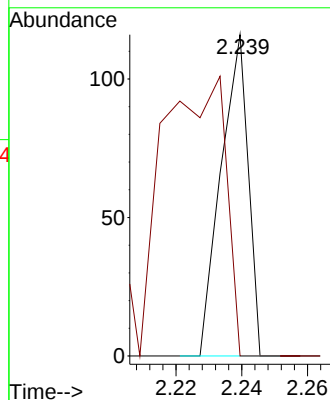
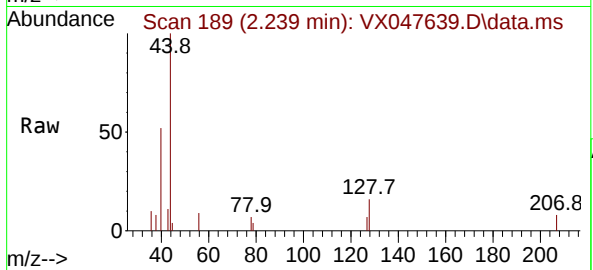




#13
Acrolein
Concen: 0.214 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047639.D
Acq: 18 Sep 2025 14:40

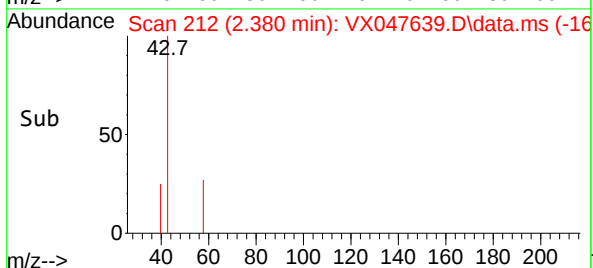
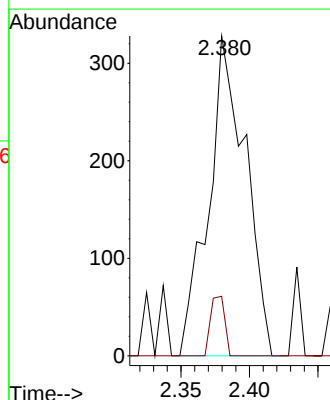
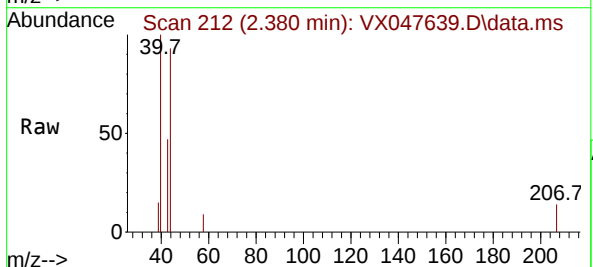
Instrument :
MSVOA_X
ClientSampleId :
MW305D-20250909DL

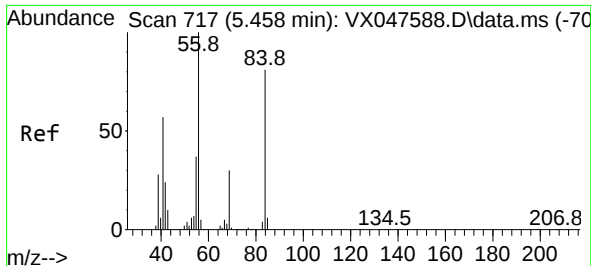
Tgt Ion: 56 Resp: 67
Ion Ratio Lower Upper
56 100
55 228.4 57.2 85.8#



#16
Acetone
Concen: 0.465 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047639.D
Acq: 18 Sep 2025 14:40

Tgt Ion: 43 Resp: 616
Ion Ratio Lower Upper
43 100
58 18.6 23.4 35.0#

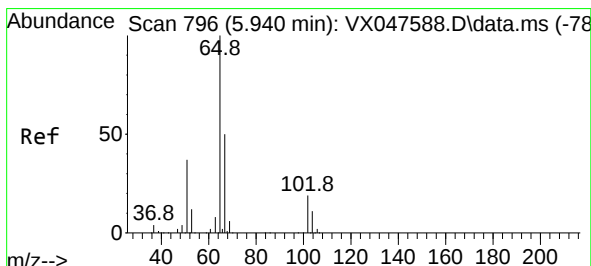
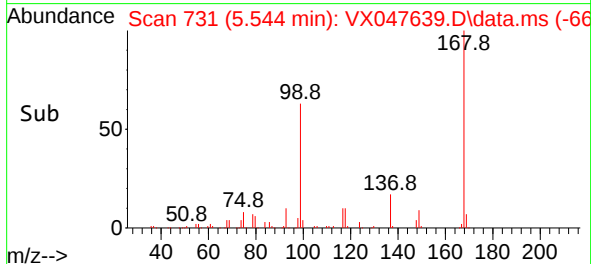
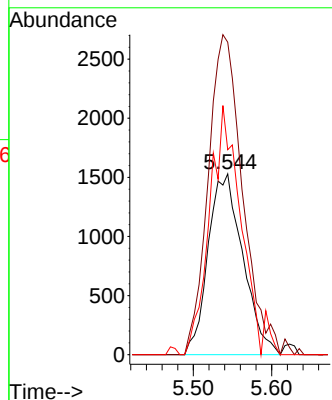
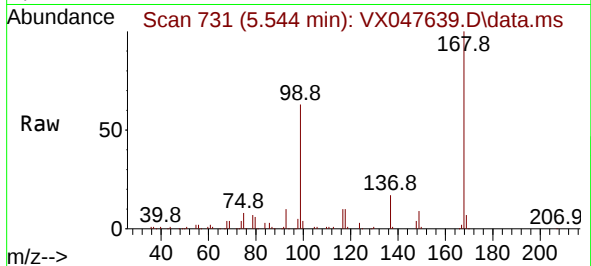




#31
Cyclohexane
Concen: 1.169 ug/l
RT: 5.544 min Scan# 717
Delta R.T. 0.085 min
Lab File: VX047639.D
Acq: 18 Sep 2025 14:40

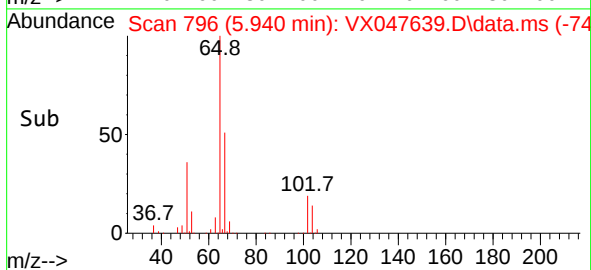
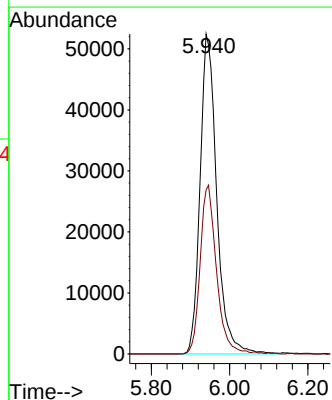
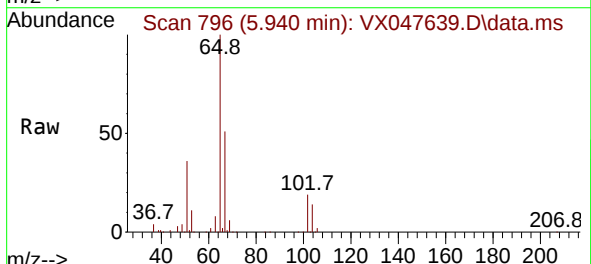
Instrument :
MSVOA_X
ClientSampleId :
MW305D-20250909DL

Tgt Ion: 56 Resp: 4713
Ion Ratio Lower Upper
56 100
69 172.7 23.8 35.8#
84 113.3 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 50.759 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047639.D
Acq: 18 Sep 2025 14:40

Tgt Ion: 65 Resp: 154801
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.0

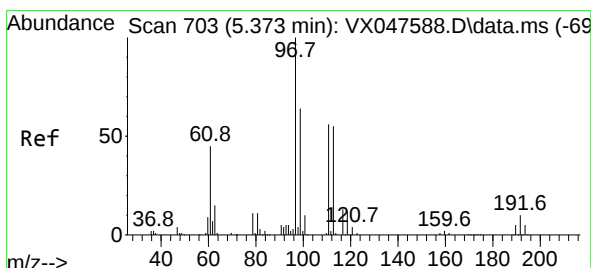
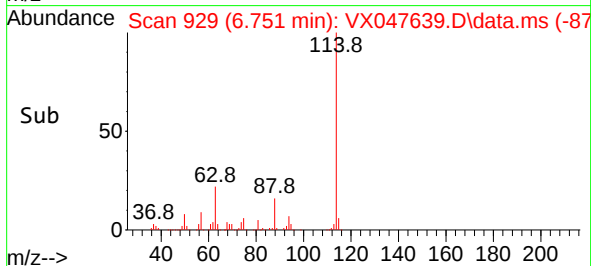
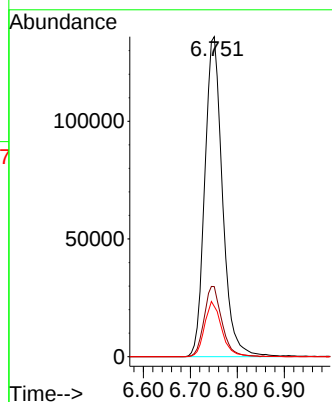
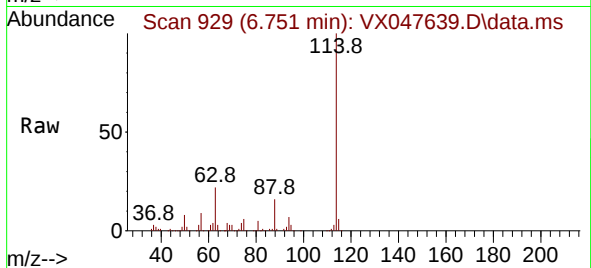




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047639.D
Acq: 18 Sep 2025 14:40

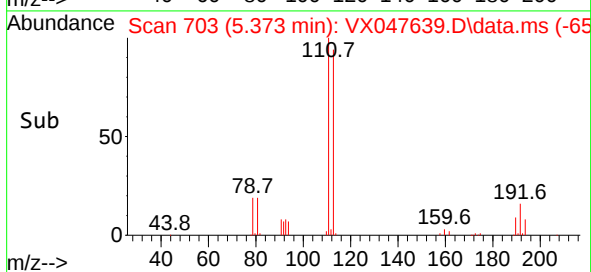
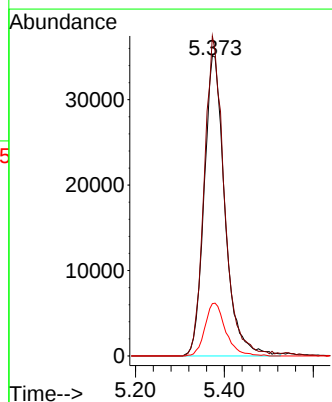
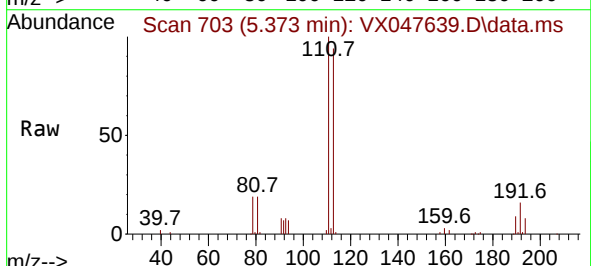
Instrument :
MSVOA_X
ClientSampleId :
MW305D-20250909DL

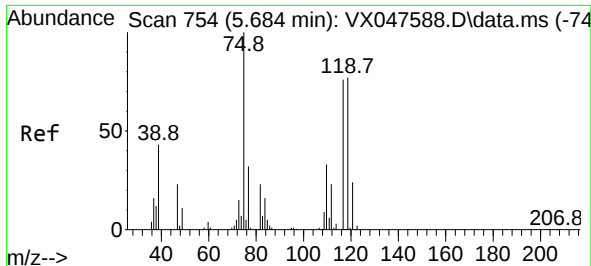
Tgt Ion:114 Resp: 355157
Ion Ratio Lower Upper
114 100
63 21.9 0.0 44.0
88 15.7 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.076 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX047639.D
Acq: 18 Sep 2025 14:40

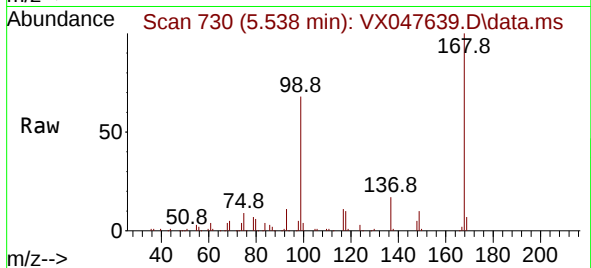
Tgt Ion:113 Resp: 114511
Ion Ratio Lower Upper
113 100
111 102.7 80.9 121.3
192 17.5 14.2 21.4



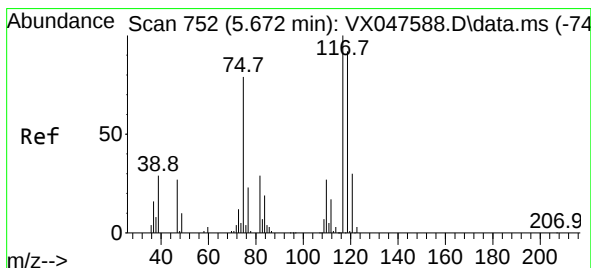
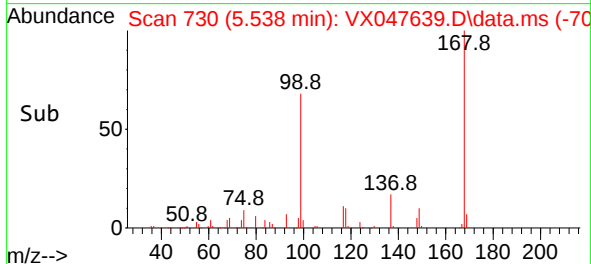
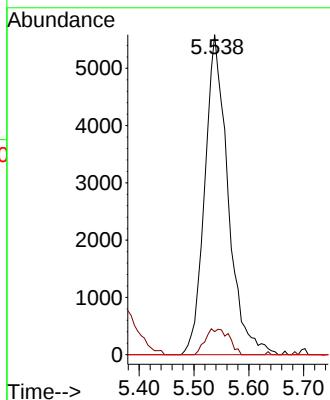


#36
1,1-Dichloropropene
Concen: 4.726 ug/l
RT: 5.538 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX047639.D
Acq: 18 Sep 2025 14:40

Instrument :
MSVOA_X
ClientSampleId :
MW305D-20250909DL

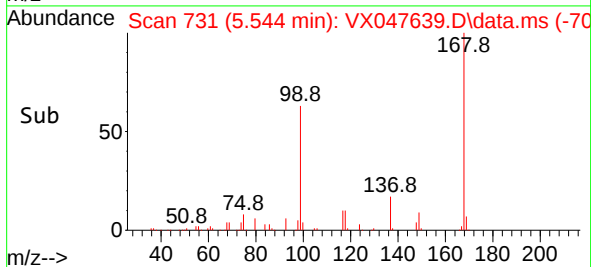
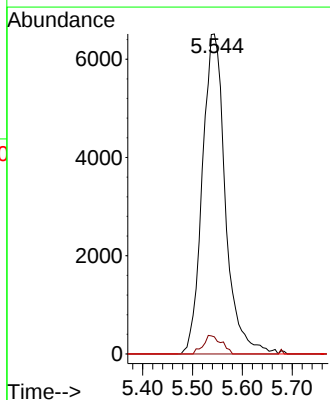
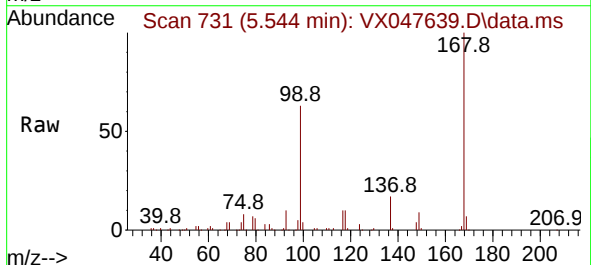


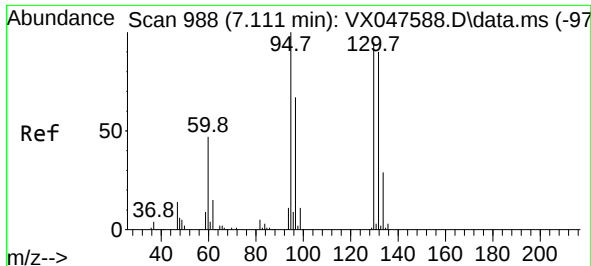
Tgt Ion: 75 Resp: 16448
Ion Ratio Lower Upper
75 100
110 8.2 16.7 50.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.522 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX047639.D
Acq: 18 Sep 2025 14:40

Tgt Ion: 117 Resp: 20882
Ion Ratio Lower Upper
117 100
119 5.4 73.4 110.2#
121 0.0 23.8 35.6#

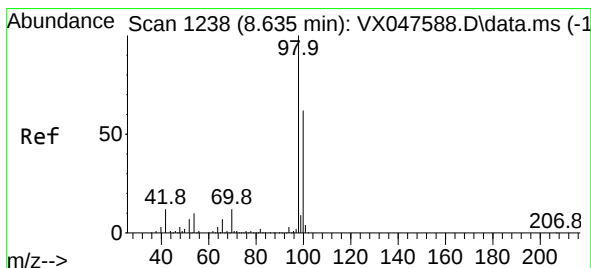
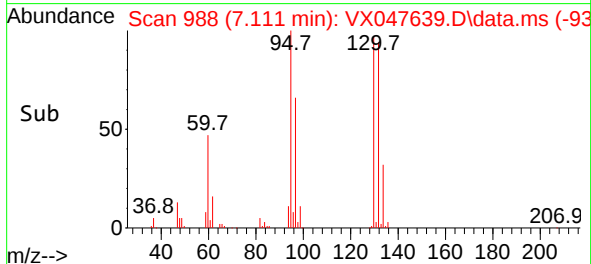
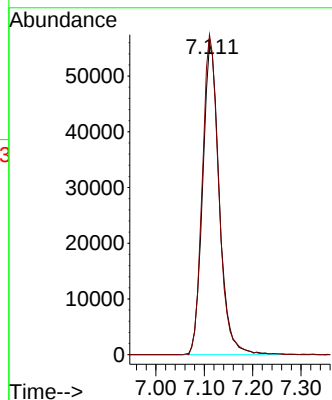
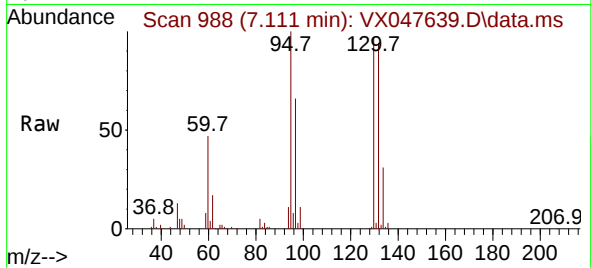




#44
Trichloroethene
Concen: 52.351 ug/l
RT: 7.111 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047639.D
Acq: 18 Sep 2025 14:40

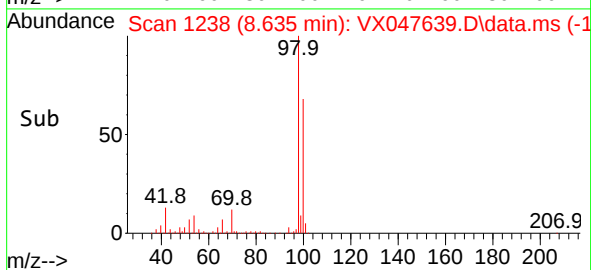
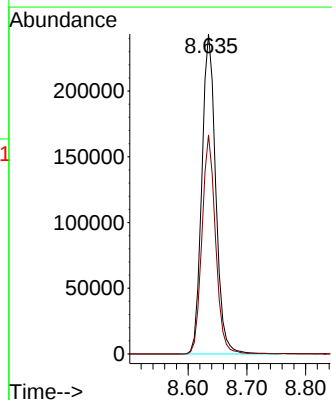
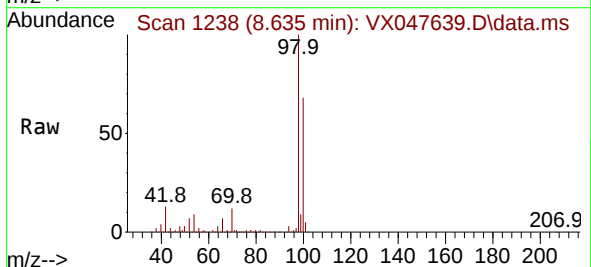
Instrument :
MSVOA_X
ClientSampleId :
MW305D-20250909DL

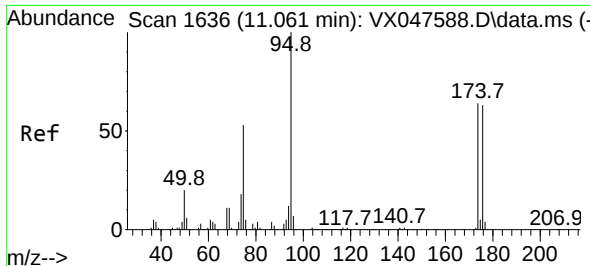
Tgt Ion:130 Resp: 133795
Ion Ratio Lower Upper
130 100
95 102.9 0.0 210.8



#50
Toluene-d8
Concen: 48.491 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047639.D
Acq: 18 Sep 2025 14:40

Tgt Ion: 98 Resp: 399649
Ion Ratio Lower Upper
98 100
100 67.0 53.0 79.4

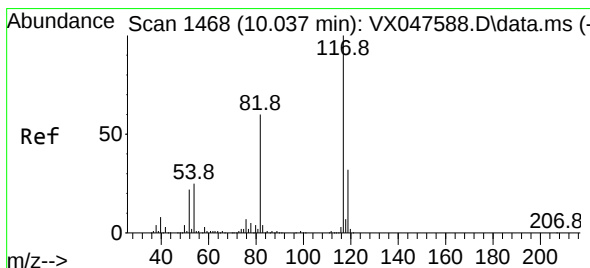
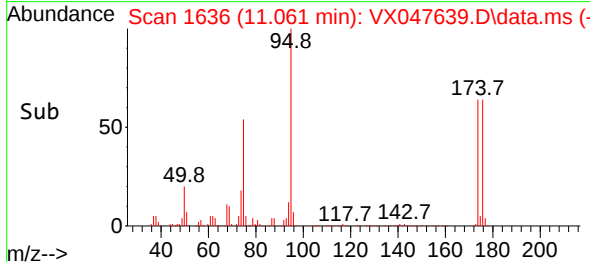
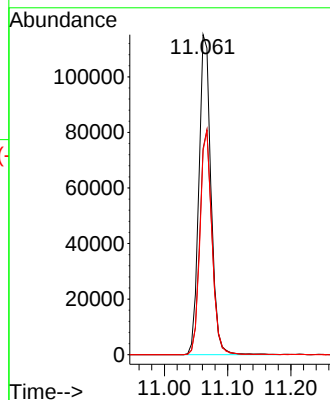
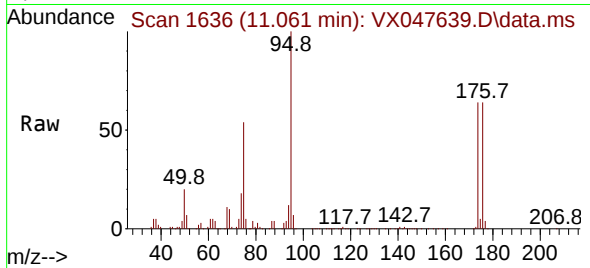




#62
4-Bromofluorobenzene
Concen: 49.044 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047639.D
Acq: 18 Sep 2025 14:40

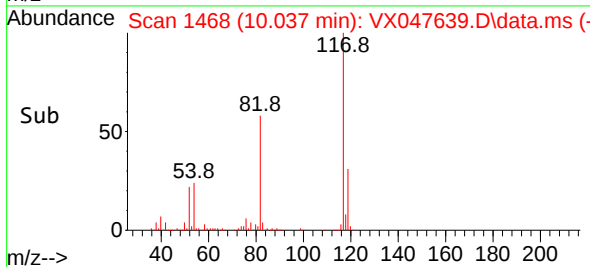
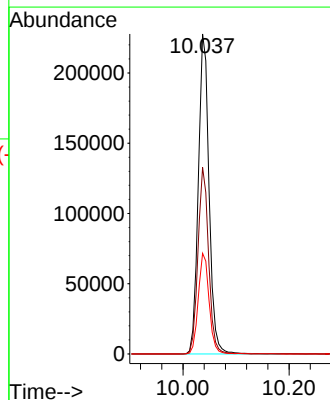
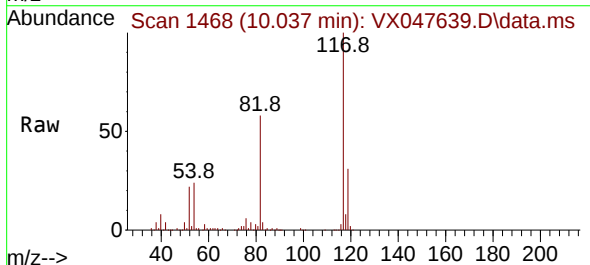
Instrument :
MSVOA_X
ClientSampleId :
MW305D-20250909DL

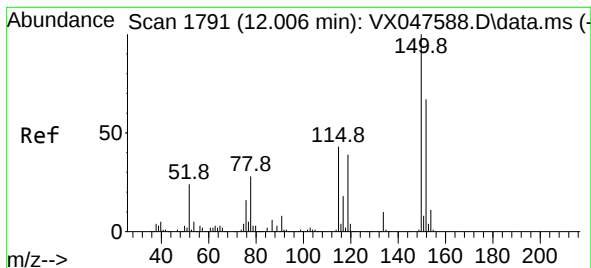
Tgt Ion: 95 Resp: 153404
Ion Ratio Lower Upper
95 100
174 70.1 0.0 141.6
176 69.1 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047639.D
Acq: 18 Sep 2025 14:40

Tgt Ion: 117 Resp: 319660
Ion Ratio Lower Upper
117 100
82 58.3 47.8 71.6
119 31.4 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047639.D

Acq: 18 Sep 2025 14:40

Instrument :

MSVOA_X

ClientSampleId :

MW305D-20250909DL

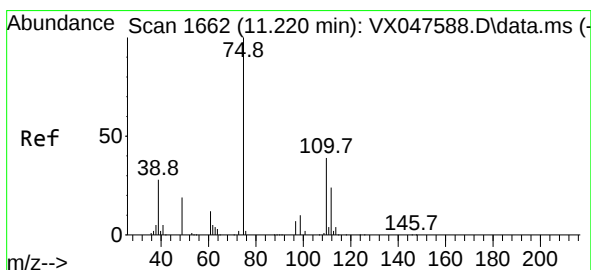
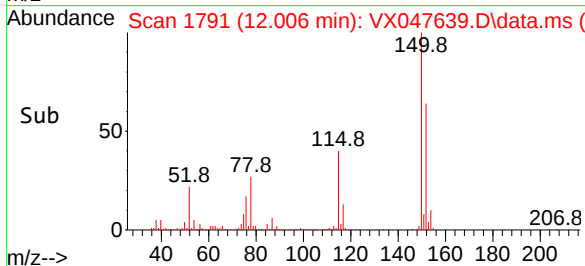
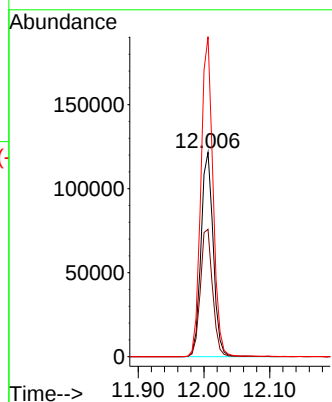
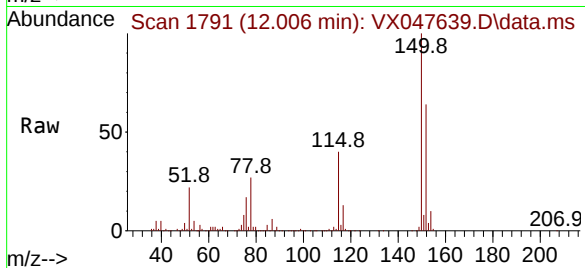
Tgt Ion:152 Resp: 157275

Ion Ratio Lower Upper

152 100

115 62.7 44.9 134.5

150 154.8 0.0 352.0



#76

1,2,3-Trichloropropane

Concen: 25.001 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.159 min

Lab File: VX047639.D

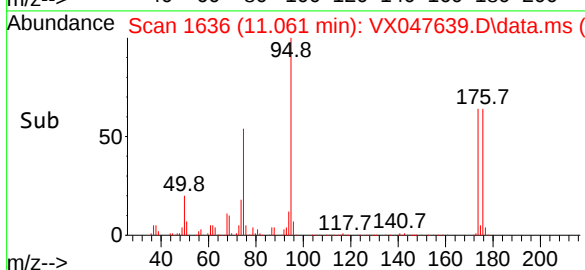
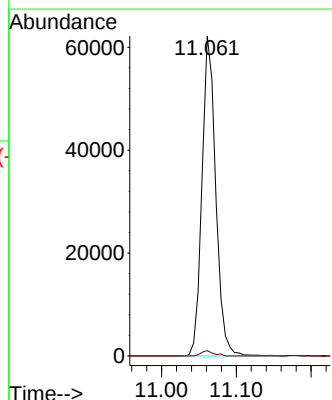
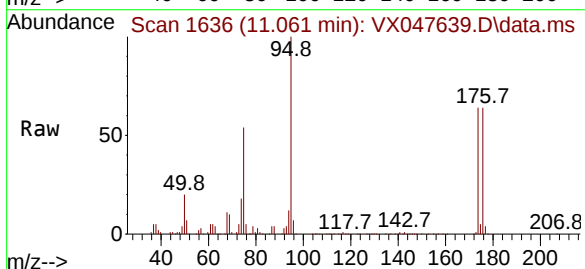
Acq: 18 Sep 2025 14:40

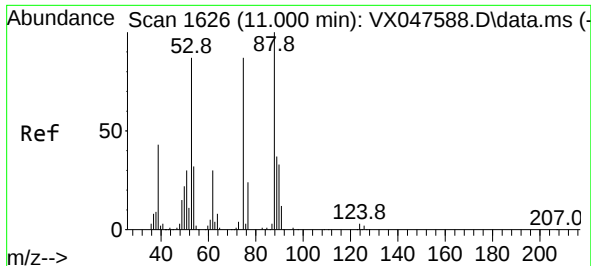
Tgt Ion: 75 Resp: 79610

Ion Ratio Lower Upper

75 100

77 1.5 18.8 56.4#

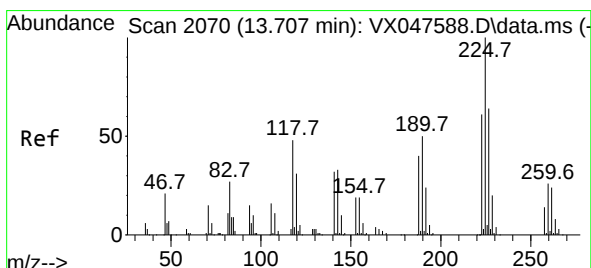
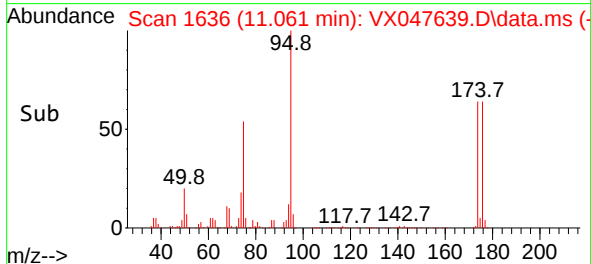
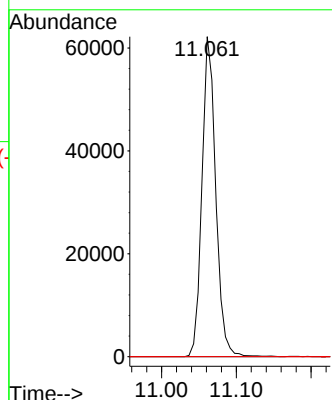
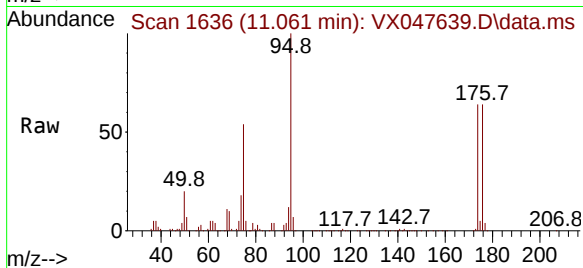




#81
trans-1,4-Dichloro-2-butene
Concen: 63.755 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX047639.D
Acq: 18 Sep 2025 14:40

Instrument :
MSVOA_X
ClientSampleId :
MW305D-20250909DL

Tgt Ion: 75 Resp: 79610
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#



#94
Hexachlorobutadiene
Concen: 0.319 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047639.D
Acq: 18 Sep 2025 14:40

Tgt Ion: 225 Resp: 367
Ion Ratio Lower Upper
225 100
223 62.7 31.7 95.1
227 75.2 32.0 96.0

