

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
 Data File : VX046649.D
 Acq On : 11 Jun 2025 19:43
 Operator : JC/MD
 Sample : Q2274-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-13-MHP-WC

Quant Time: Jun 12 02:36:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

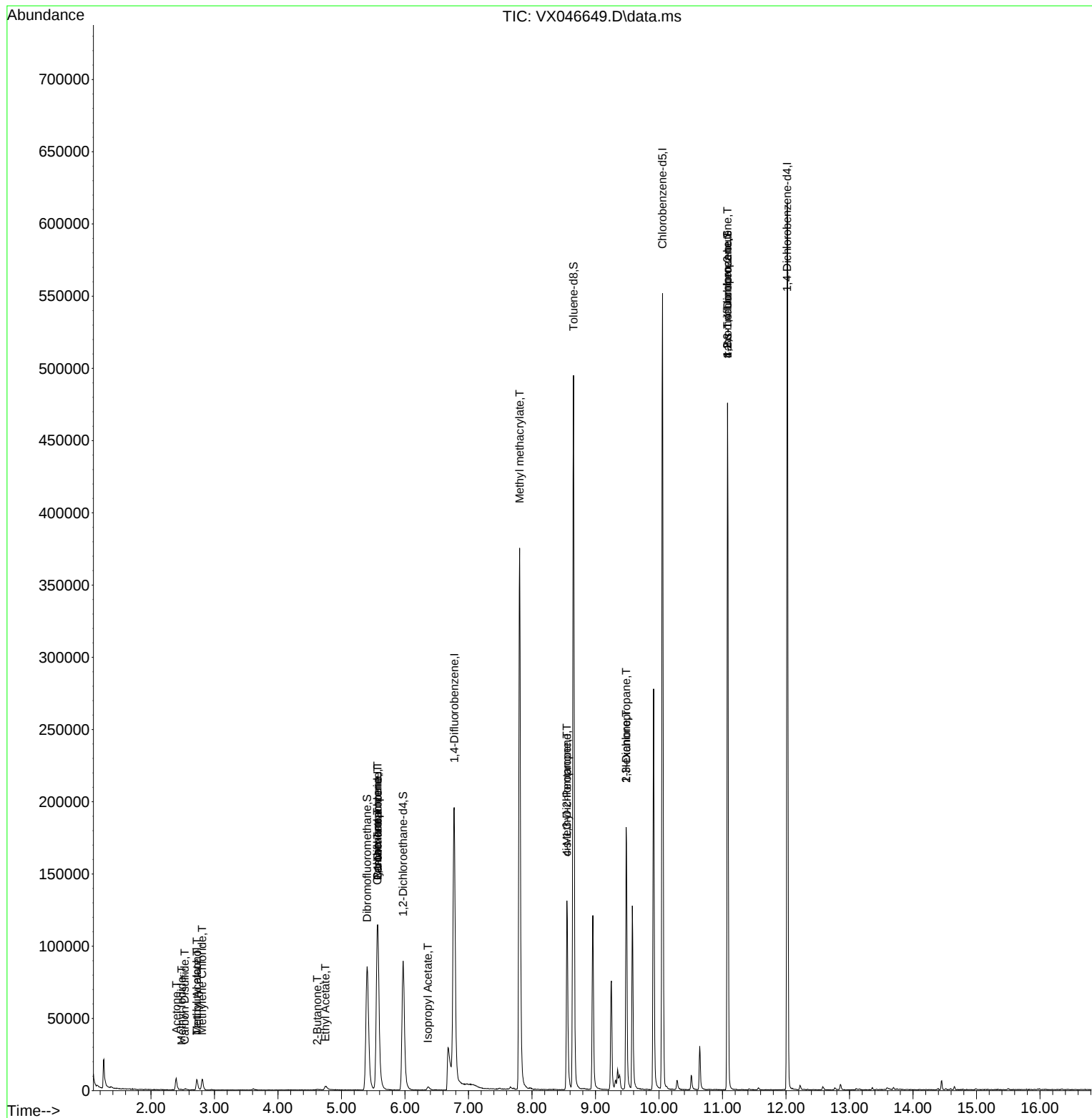
Internal Standards						
1) Pentafluorobenzene	5.568	168	117684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	198220	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	126377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	92861	44.352	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.700%
35) Dibromofluoromethane	5.404	113	80740	55.389	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.780%
50) Toluene-d8	8.653	98	289567	60.253	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	120.500%#
62) 4-Bromofluorobenzene	11.079	95	126731	63.735	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	127.480%#
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.483	142	355	0.212	ug/l #	67
11) Tert butyl alcohol	2.721	59	884	3.805	ug/l #	72
16) Acetone	2.398	43	10206	16.780	ug/l #	85
17) Carbon Disulfide	2.532	76	462	0.358	ug/l #	76
18) Methyl Acetate	2.721	43	10369	4.158	ug/l	100
20) Methylene Chloride	2.806	84	3622	2.156	ug/l	92
25) 2-Butanone	4.617	43	565	0.485	ug/l #	69
31) Cyclohexane	5.562	56	2485	1.021	ug/l #	1
36) 1,1-Dichloropropene	5.568	75	9430	4.529	ug/l #	51
37) Ethyl Acetate	4.745	43	5180	2.549	ug/l	95
38) Carbon Tetrachloride	5.568	117	12646	5.422	ug/l #	16
43) Isopropyl Acetate	6.361	43	3710	1.047	ug/l	97
48) Methyl methacrylate	7.806	41	35868	19.677	ug/l #	47
51) 4-Methyl-2-Pentanone	8.549	43	46564	20.683	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	21845	9.363	ug/l #	57
57) 1,3-Dichloropropane	9.482	76	1622	0.635	ug/l #	42
59) 2-Hexanone	9.482	43	23807	14.744	ug/l #	55
76) 1,2,3-Trichloropropane	11.079	75	66496	24.841	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	66496	71.658	ug/l #	1

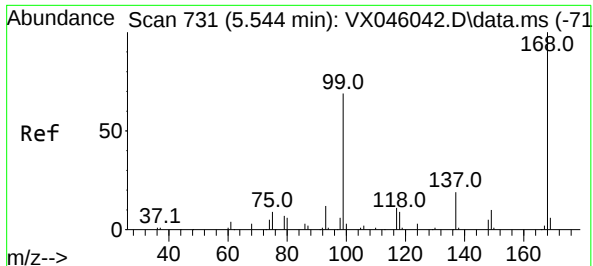
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
Data File : VX046649.D
Acq On : 11 Jun 2025 19:43
Operator : JC/MD
Sample : Q2274-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-13-MHP-WC

Quant Time: Jun 12 02:36:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

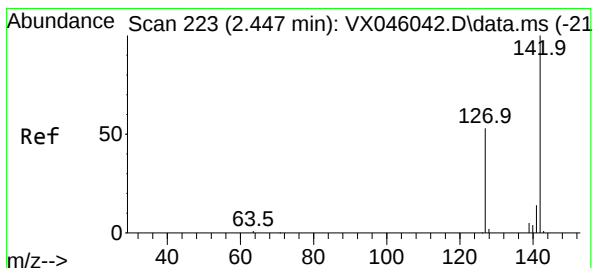
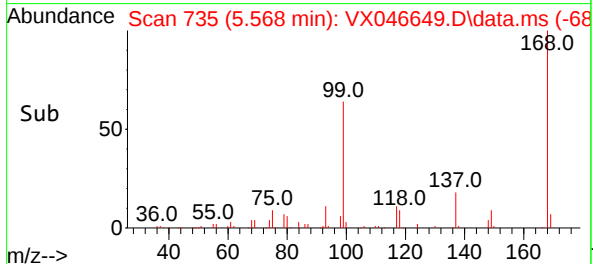
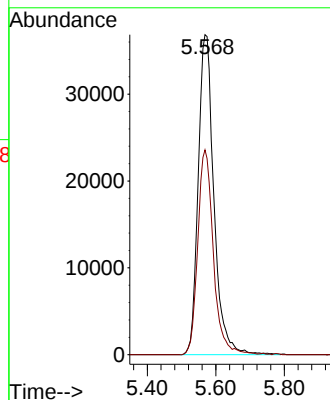
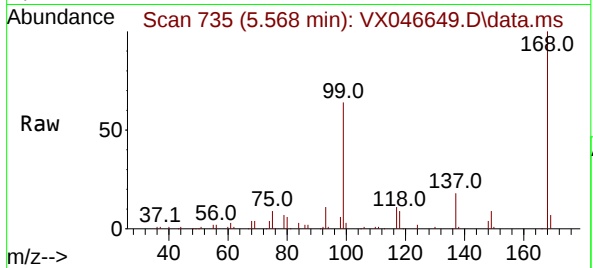




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046649.D
Acq: 11 Jun 2025 19:43

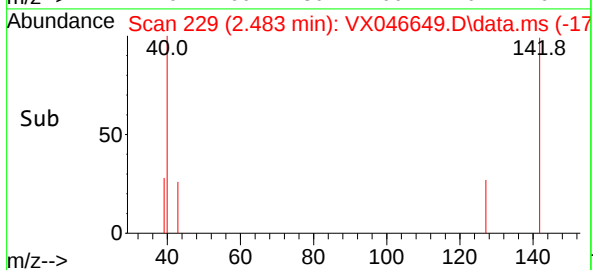
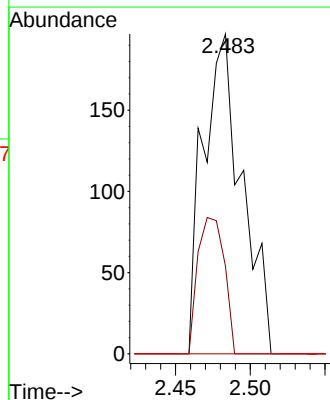
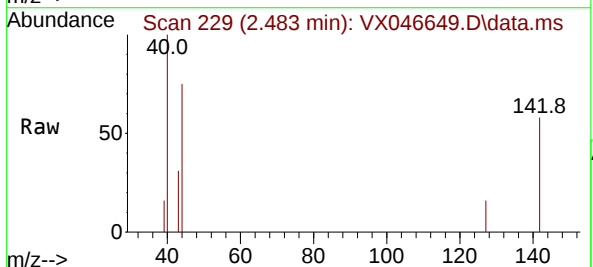
Instrument :
MSVOA_X
ClientSampleId :
TP-13-MHP-WC

Tgt Ion:168 Resp: 117684
Ion Ratio Lower Upper
168 100
99 64.0 54.9 82.3



#10
Methyl Iodide
Concen: 0.212 ug/l
RT: 2.483 min Scan# 229
Delta R.T. 0.012 min
Lab File: VX046649.D
Acq: 11 Jun 2025 19:43

Tgt Ion:142 Resp: 355
Ion Ratio Lower Upper
142 100
127 29.0 41.7 62.5#
141 0.0 11.5 17.3#

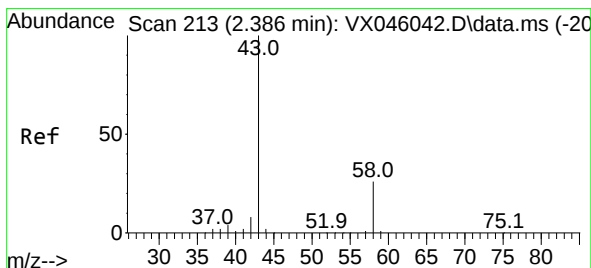
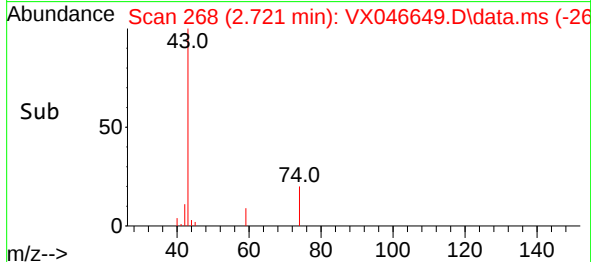
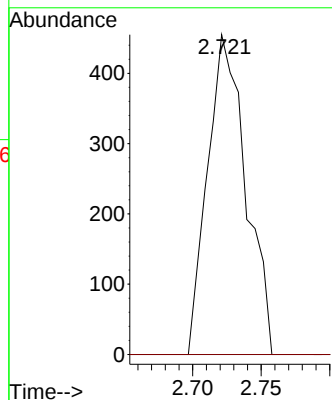
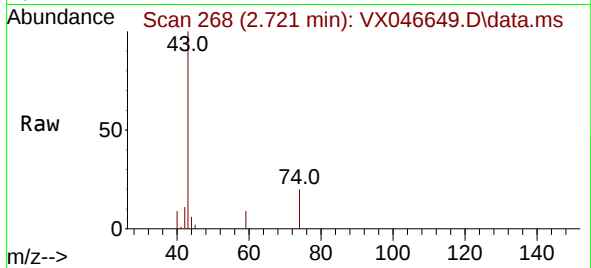




#11
Tert butyl alcohol
Concen: 3.805 ug/l
RT: 2.721 min Scan# 20
Delta R.T. -0.250 min
Lab File: VX046649.D
Acq: 11 Jun 2025 19:43

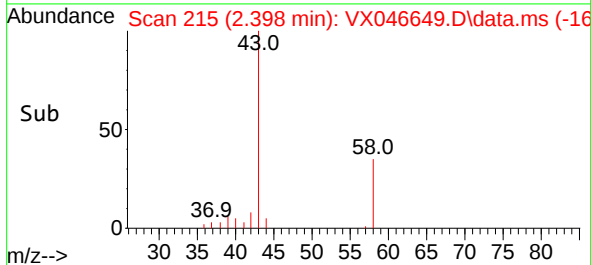
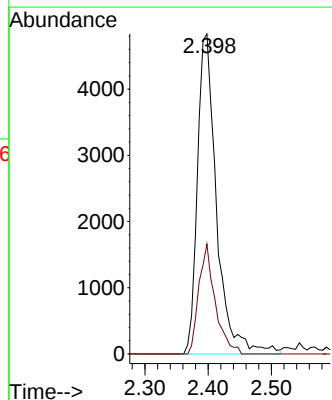
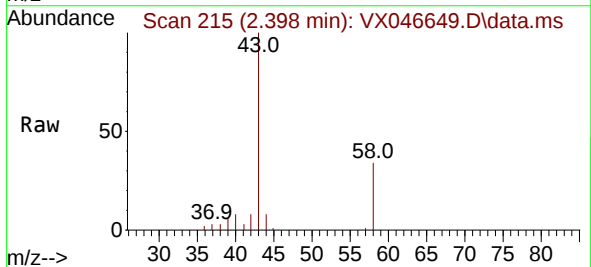
Instrument :
MSVOA_X
ClientSampleId :
TP-13-MHP-WC

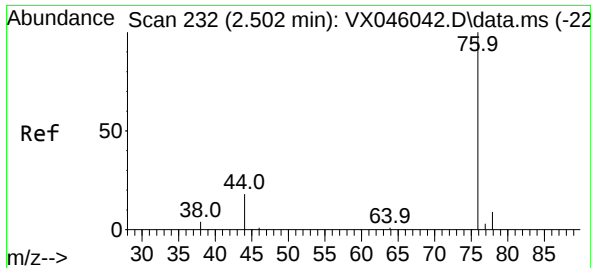
Tgt Ion: 59 Resp: 884
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 16.780 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX046649.D
Acq: 11 Jun 2025 19:43

Tgt Ion: 43 Resp: 10206
Ion Ratio Lower Upper
43 100
58 34.3 21.2 31.8#

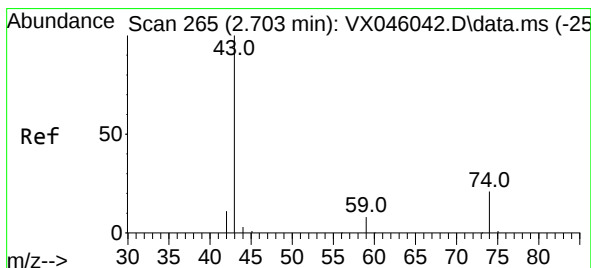
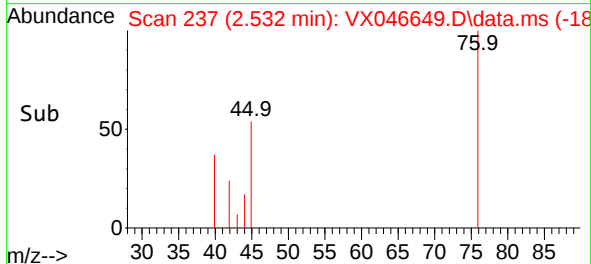
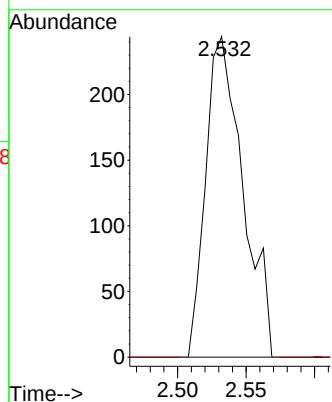
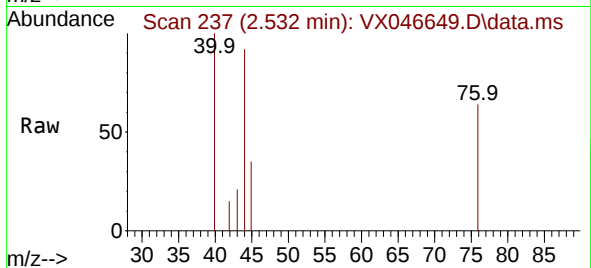




#17
Carbon Disulfide
Concen: 0.358 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046649.D
Acq: 11 Jun 2025 19:43

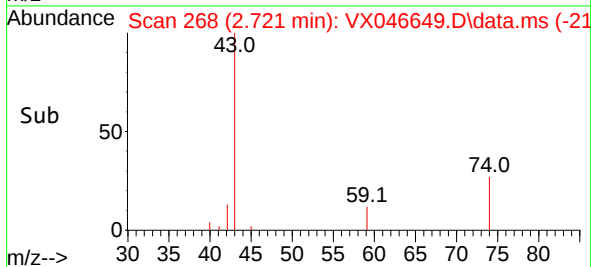
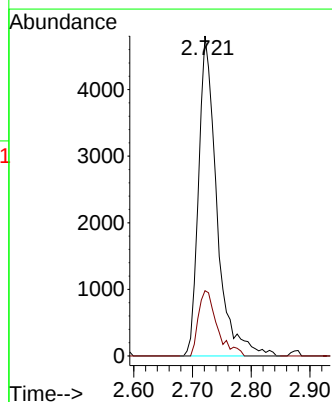
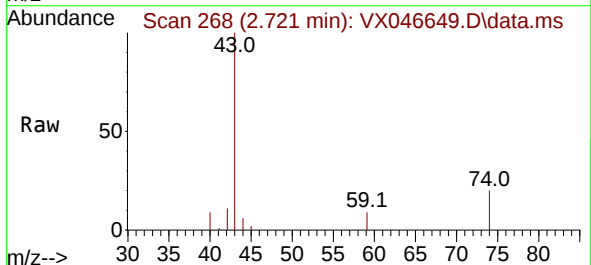
Instrument :
MSVOA_X
ClientSampleId :
TP-13-MHP-WC

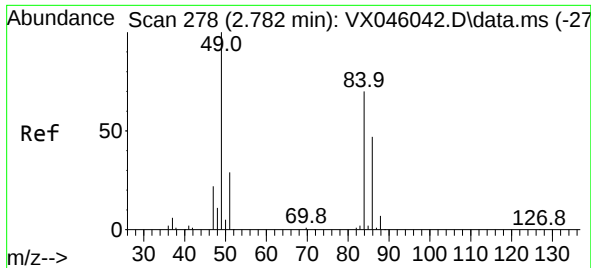
Tgt Ion: 76 Resp: 462
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#18
Methyl Acetate
Concen: 4.158 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.000 min
Lab File: VX046649.D
Acq: 11 Jun 2025 19:43

Tgt Ion: 43 Resp: 10369
Ion Ratio Lower Upper
43 100
74 20.8 16.7 25.1

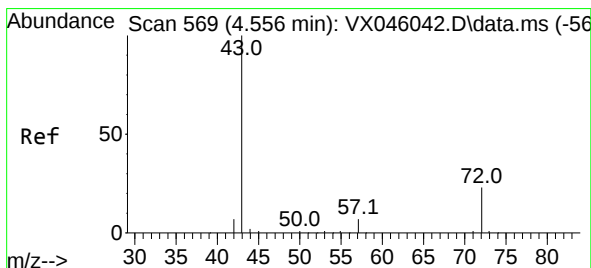
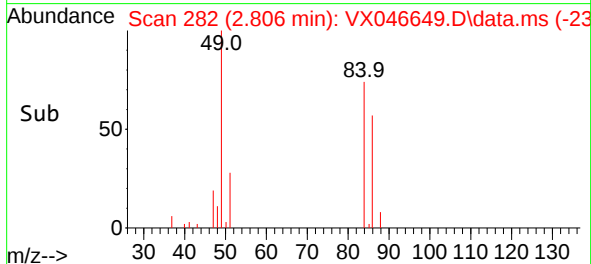
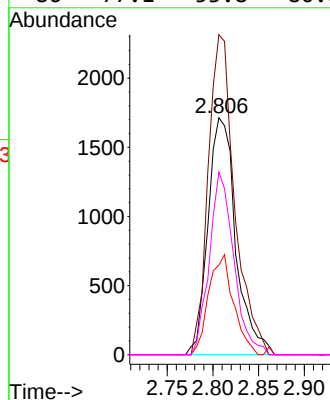
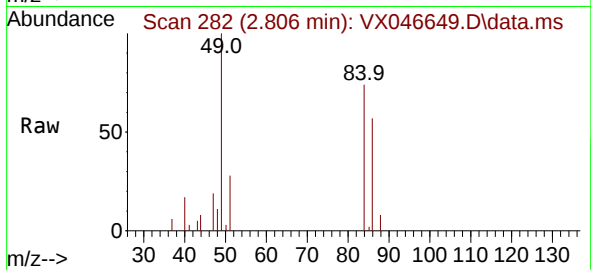




#20
Methylene Chloride
Concen: 2.156 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046649.D
Acq: 11 Jun 2025 19:43

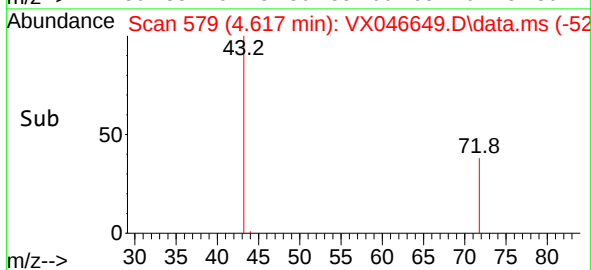
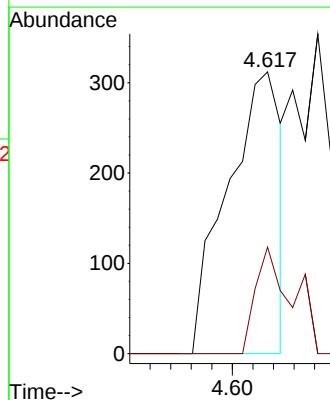
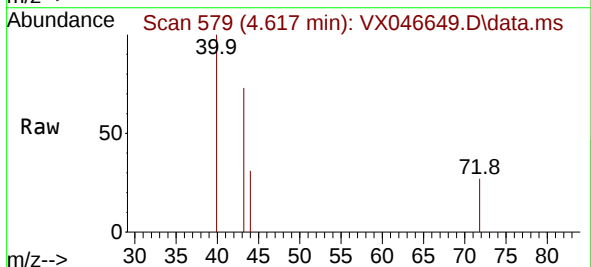
Instrument :
MSVOA_X
ClientSampleId :
TP-13-MHP-WC

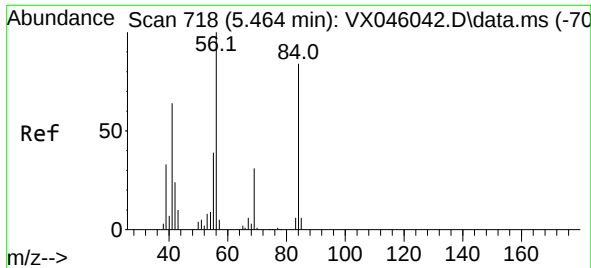
Tgt Ion: 84	Resp: 3622
Ion Ratio	Lower Upper
84 100	
49 135.1	113.9 170.9
51 37.9	33.5 50.3
86 77.1	53.8 80.8



#25
2-Butanone
Concen: 0.485 ug/l
RT: 4.617 min Scan# 579
Delta R.T. 0.043 min
Lab File: VX046649.D
Acq: 11 Jun 2025 19:43

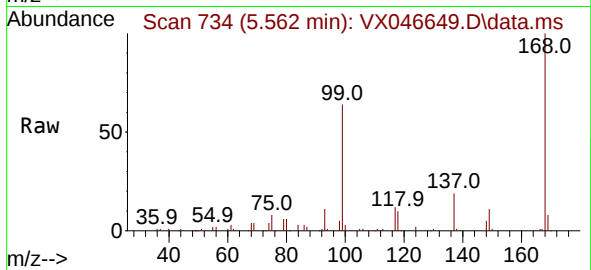
Tgt Ion: 43	Resp: 565		
Ion Ratio	Lower	Upper	
43 100			
72 37.8	18.4	27.6	#



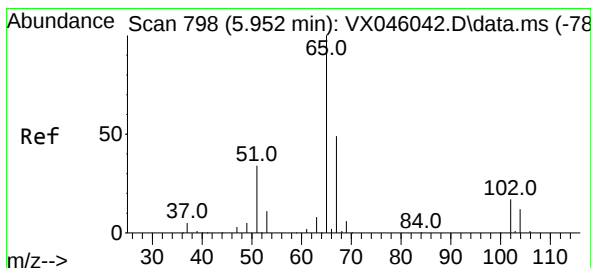
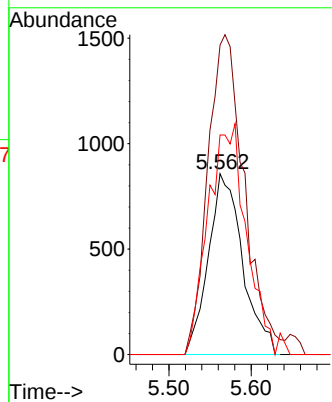
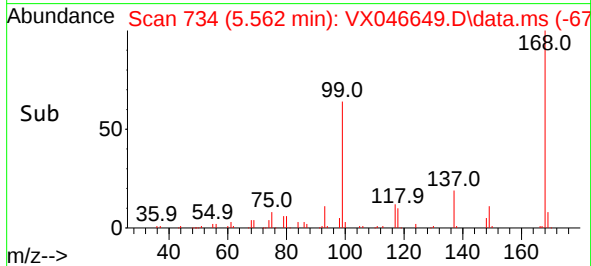


#31
Cyclohexane
Concen: 1.021 ug/l
RT: 5.562 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX046649.D
Acq: 11 Jun 2025 19:43

Instrument :
MSVOA_X
ClientSampleId :
TP-13-MHP-WC

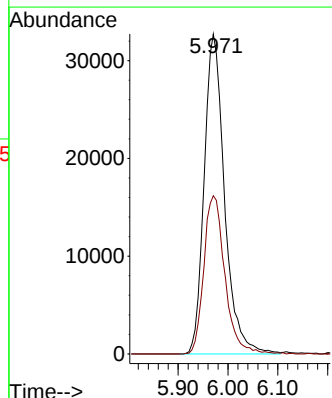
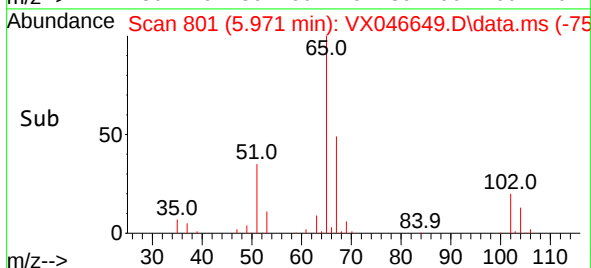
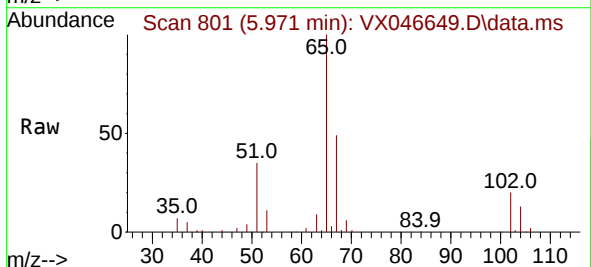


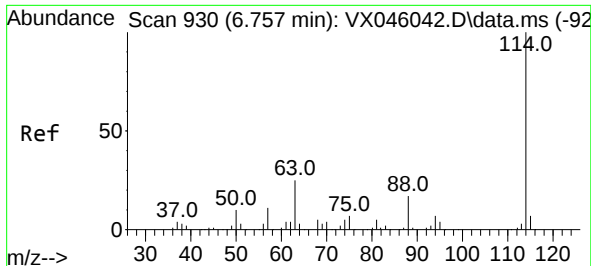
Tgt Ion: 56 Resp: 2485
Ion Ratio Lower Upper
56 100
69 171.1 24.4 36.6#
84 121.3 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 44.352 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.001 min
Lab File: VX046649.D
Acq: 11 Jun 2025 19:43

Tgt Ion: 65 Resp: 92861
Ion Ratio Lower Upper
65 100
67 51.2 0.0 99.0

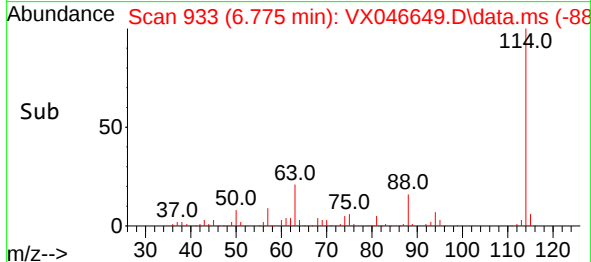
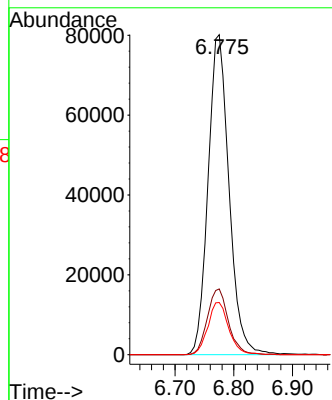
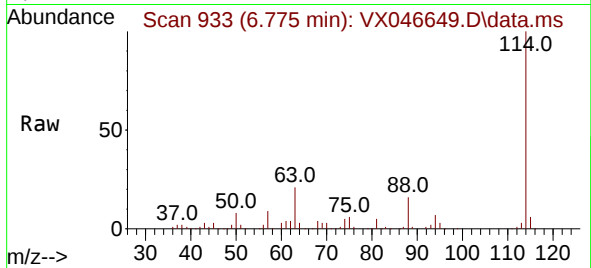




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.775 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX046649.D
 Acq: 11 Jun 2025 19:43

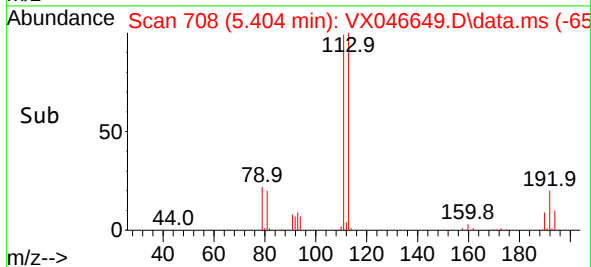
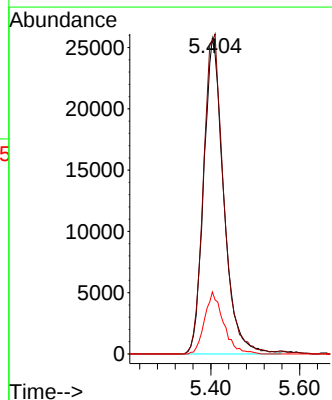
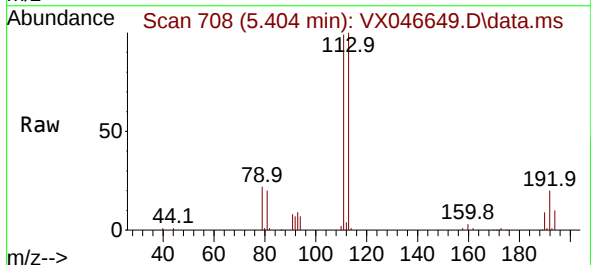
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-13-MHP-WC

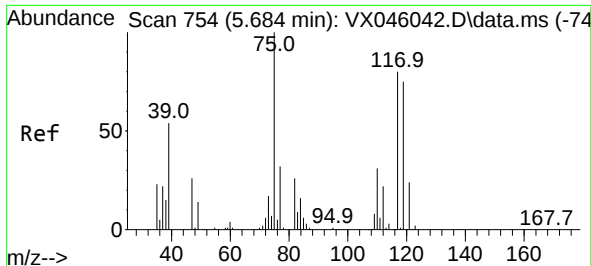
Tgt Ion:114 Resp: 198220
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 49.2
 88 16.3 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 55.389 ug/l
 RT: 5.404 min Scan# 708
 Delta R.T. 0.001 min
 Lab File: VX046649.D
 Acq: 11 Jun 2025 19:43

Tgt Ion:113 Resp: 80740
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.1 124.7
 192 18.6 13.3 19.9

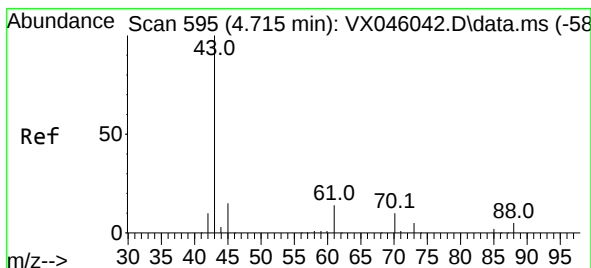
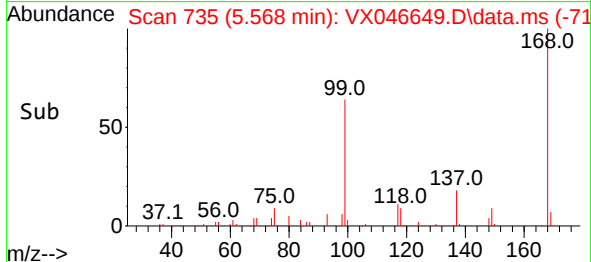
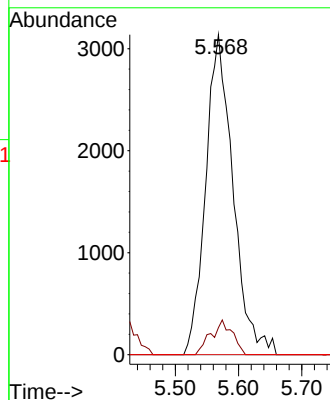
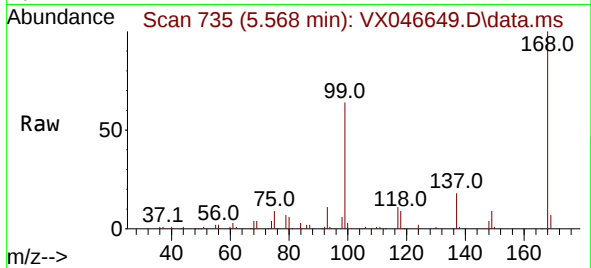




#36
1,1-Dichloropropene
Concen: 4.529 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX046649.D
Acq: 11 Jun 2025 19:43

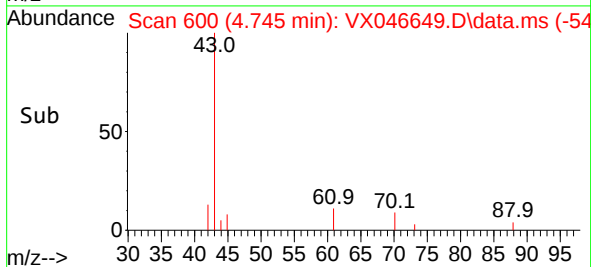
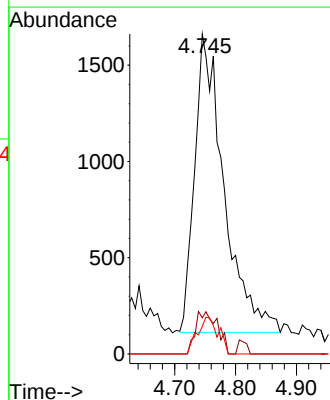
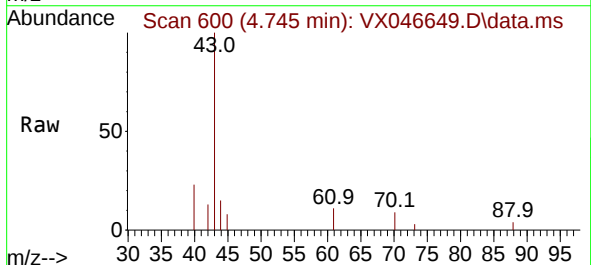
Instrument :
MSVOA_X
ClientSampleId :
TP-13-MHP-WC

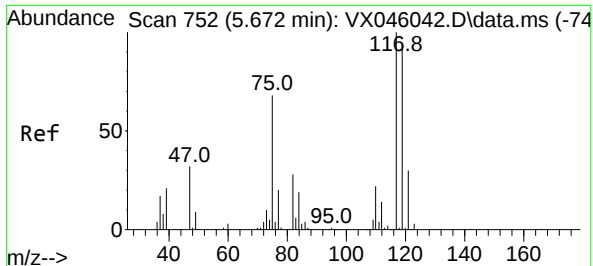
Tgt Ion: 75 Resp: 9430
Ion Ratio Lower Upper
75 100
110 8.5 16.3 48.9#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 2.549 ug/l
RT: 4.745 min Scan# 600
Delta R.T. 0.012 min
Lab File: VX046649.D
Acq: 11 Jun 2025 19:43

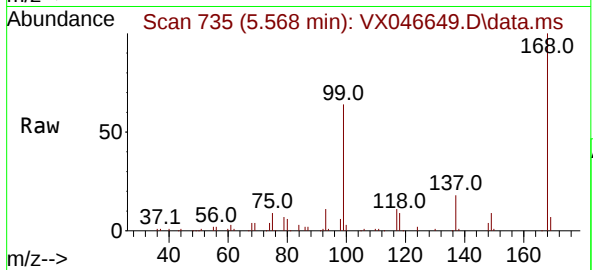
Tgt Ion: 43 Resp: 5180
Ion Ratio Lower Upper
43 100
61 10.6 10.3 15.5
70 8.7 7.9 11.9



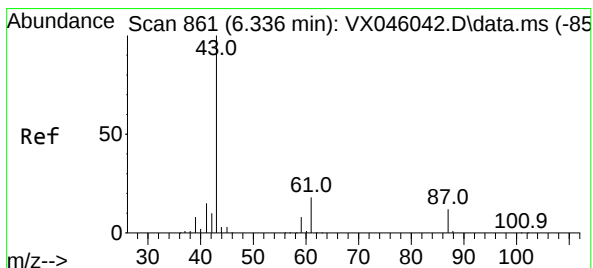
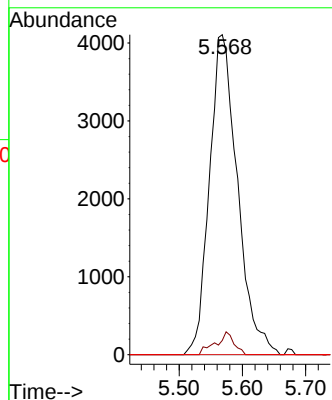
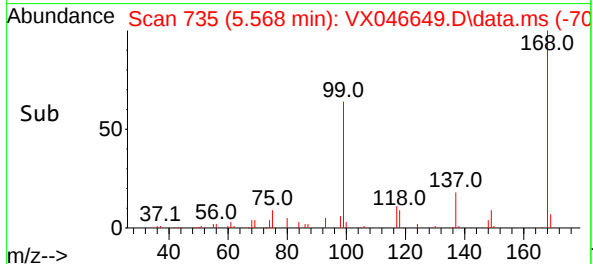


#38
Carbon Tetrachloride
Concen: 5.422 ug/l
RT: 5.568 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX046649.D
Acq: 11 Jun 2025 19:43

Instrument :
MSVOA_X
ClientSampleId :
TP-13-MHP-WC

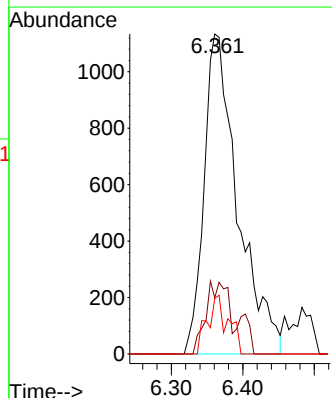
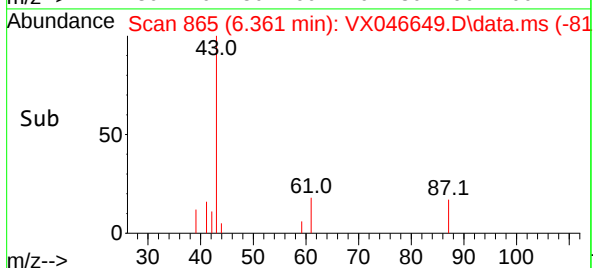
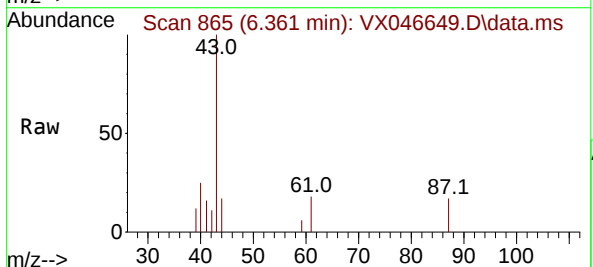


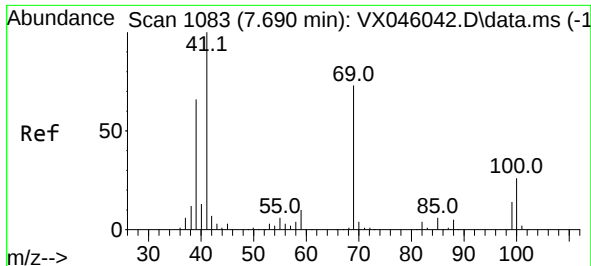
Tgt Ion:117 Resp: 12646
Ion Ratio Lower Upper
117 100
119 4.5 75.2 112.8#
121 0.0 24.2 36.4#



#43
Isopropyl Acetate
Concen: 1.047 ug/l
RT: 6.361 min Scan# 865
Delta R.T. 0.007 min
Lab File: VX046649.D
Acq: 11 Jun 2025 19:43

Tgt Ion: 43 Resp: 3710
Ion Ratio Lower Upper
43 100
61 15.9 14.3 21.5
87 11.4 9.5 14.3

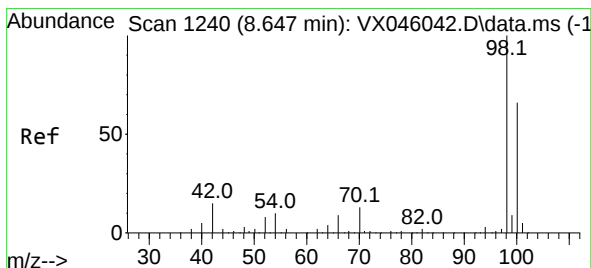
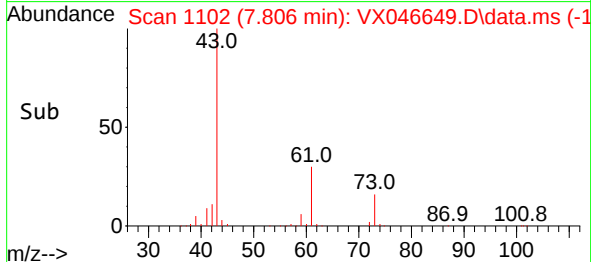
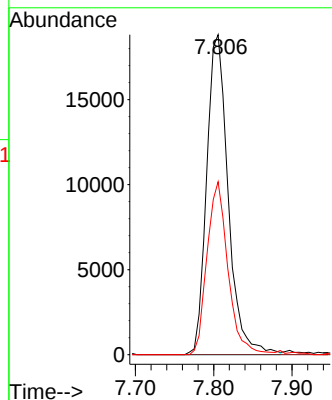
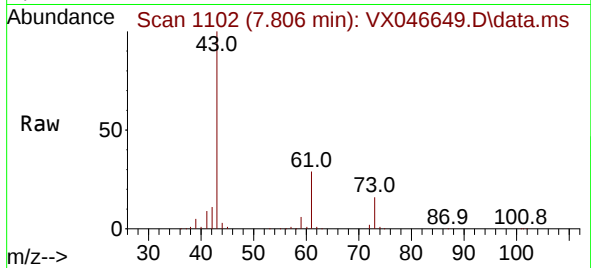




#48
Methyl methacrylate
Concen: 19.677 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.104 min
Lab File: VX046649.D
Acq: 11 Jun 2025 19:43

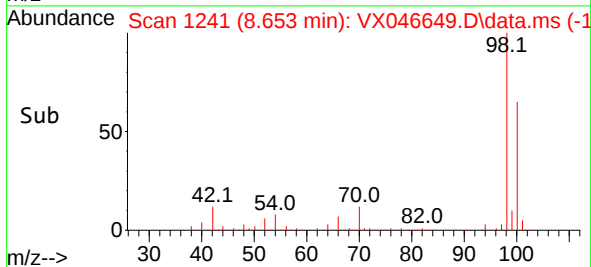
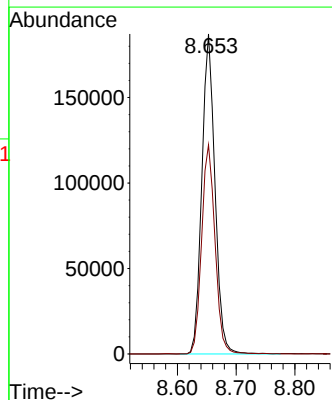
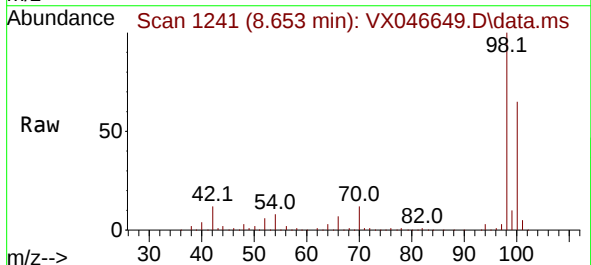
Instrument :
MSVOA_X
ClientSampleId :
TP-13-MHP-WC

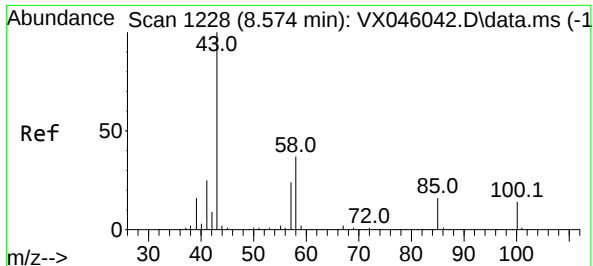
Tgt Ion: 41 Resp: 35868
Ion Ratio Lower Upper
41 100
69 0.0 58.5 87.7#
39 52.8 51.7 77.5



#50
Toluene-d8
Concen: 60.253 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX046649.D
Acq: 11 Jun 2025 19:43

Tgt Ion: 98 Resp: 289567
Ion Ratio Lower Upper
98 100
100 66.7 53.5 80.3

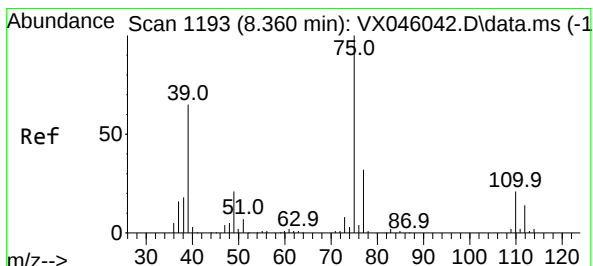
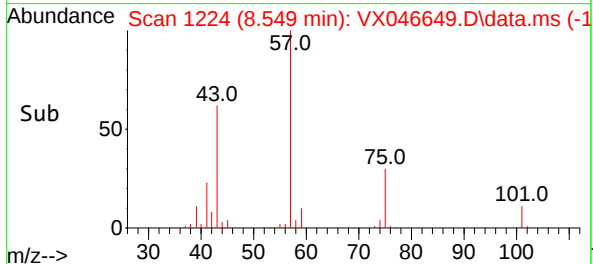
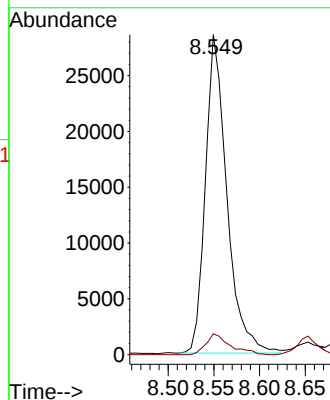
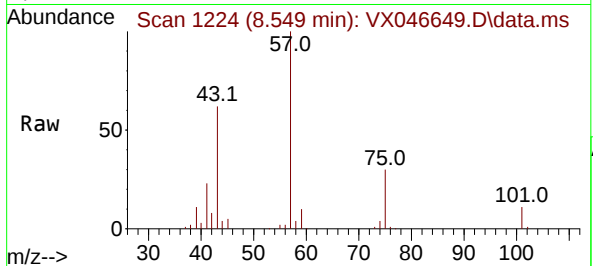




#51
4-Methyl-2-Pentanone
Concen: 20.683 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX046649.D
Acq: 11 Jun 2025 19:43

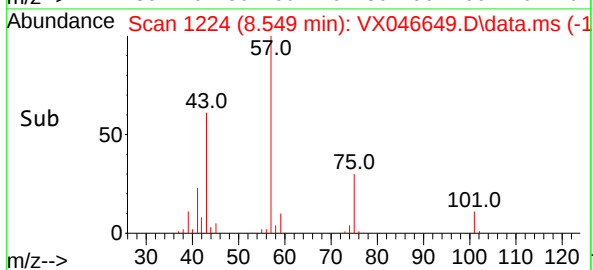
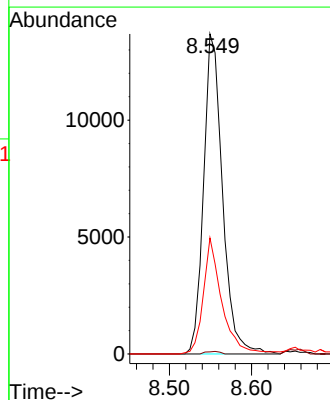
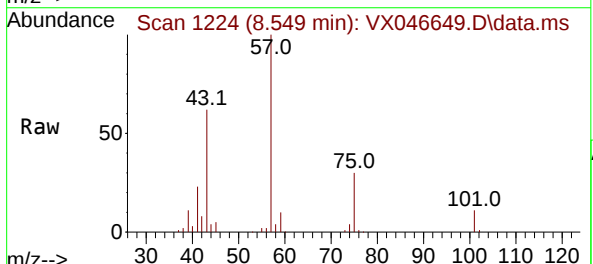
Instrument :
MSVOA_X
ClientSampleId :
TP-13-MHP-WC

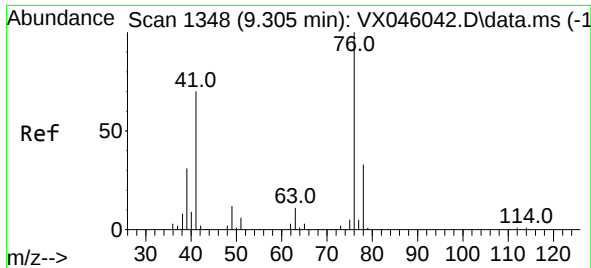
Tgt Ion: 43 Resp: 46564
Ion Ratio Lower Upper
43 100
58 7.4 28.9 43.3#



#54
cis-1,3-Dichloropropene
Concen: 9.363 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.177 min
Lab File: VX046649.D
Acq: 11 Jun 2025 19:43

Tgt Ion: 75 Resp: 21845
Ion Ratio Lower Upper
75 100
77 0.7 25.4 38.0#
39 36.2 52.2 78.4#





#57

1,3-Dichloropropane

Concen: 0.635 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX046649.D

Acq: 11 Jun 2025 19:43

Instrument :

MSVOA_X

ClientSampleId :

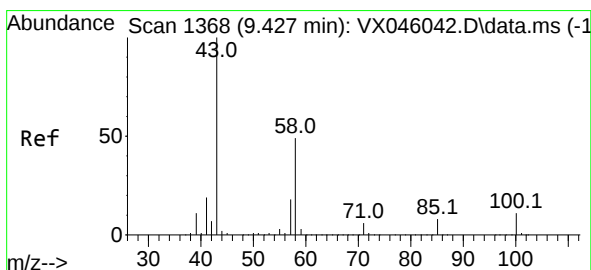
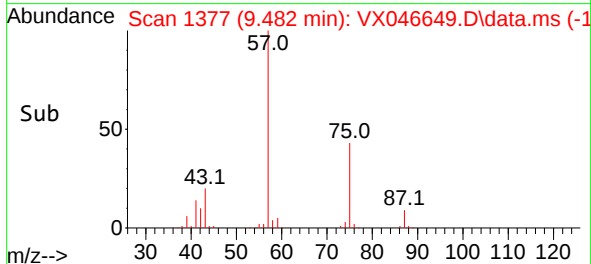
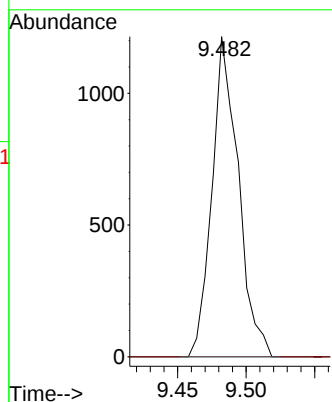
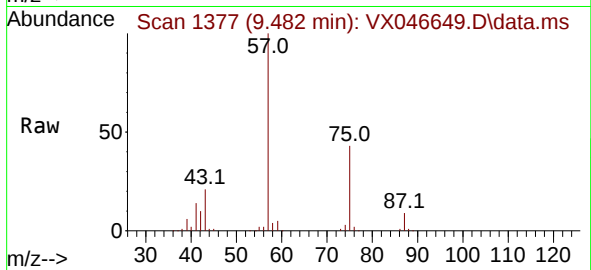
TP-13-MHP-WC

Tgt Ion: 76 Resp: 1622

Ion Ratio Lower Upper

76 100

78 0.0 26.3 39.5#



#59

2-Hexanone

Concen: 14.744 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX046649.D

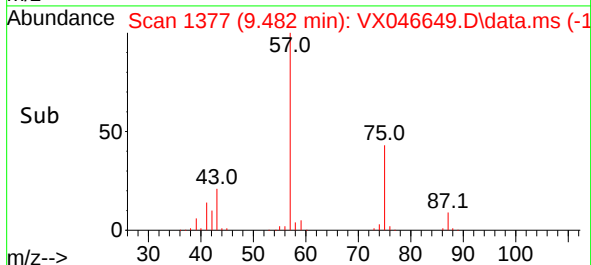
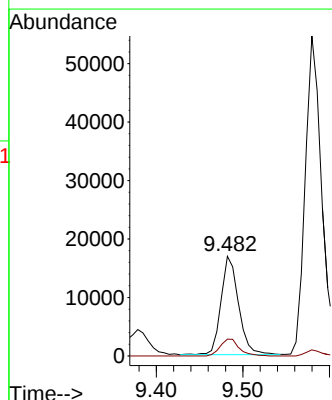
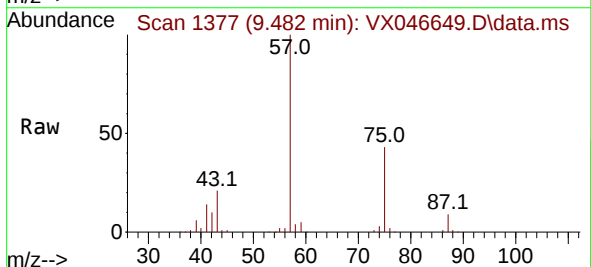
Acq: 11 Jun 2025 19:43

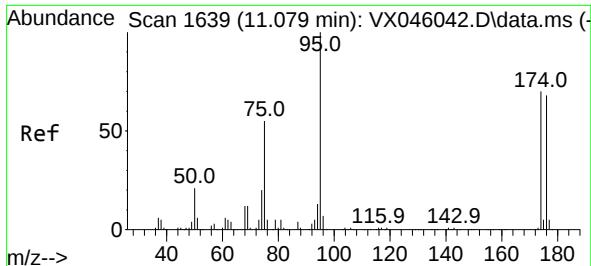
Tgt Ion: 43 Resp: 23807

Ion Ratio Lower Upper

43 100

58 18.5 24.9 74.6#

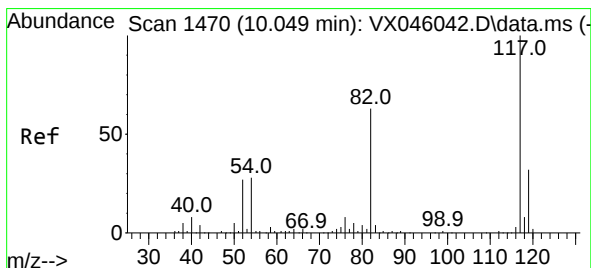
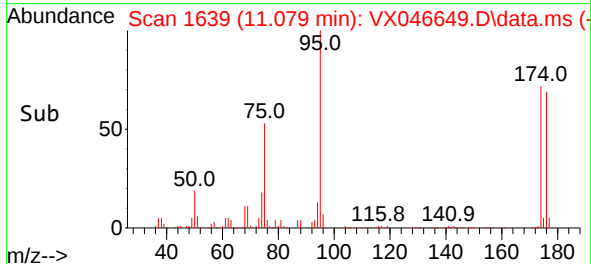
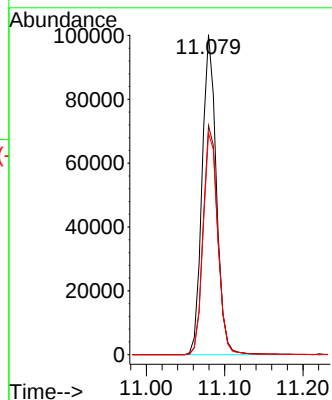
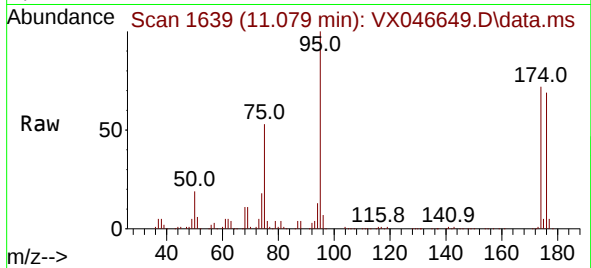




#62
4-Bromofluorobenzene
Concen: 63.735 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046649.D
Acq: 11 Jun 2025 19:43

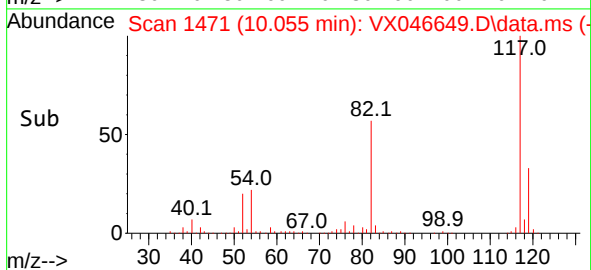
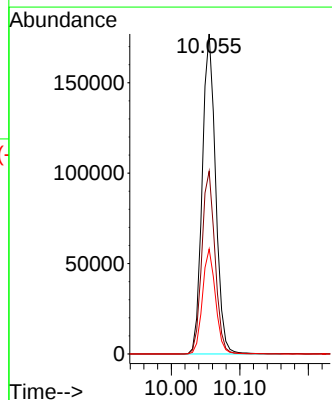
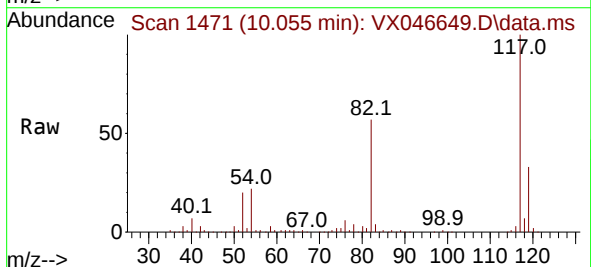
Instrument :
MSVOA_X
ClientSampleId :
TP-13-MHP-WC

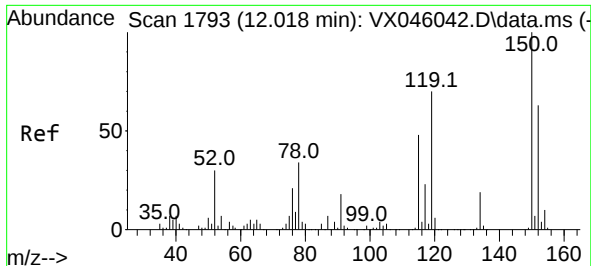
Tgt Ion: 95 Resp: 126731
Ion Ratio Lower Upper
95 100
174 73.5 0.0 135.8
176 71.5 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046649.D
Acq: 11 Jun 2025 19:43

Tgt Ion: 117 Resp: 240411
Ion Ratio Lower Upper
117 100
82 57.1 50.6 76.0
119 32.8 25.8 38.6

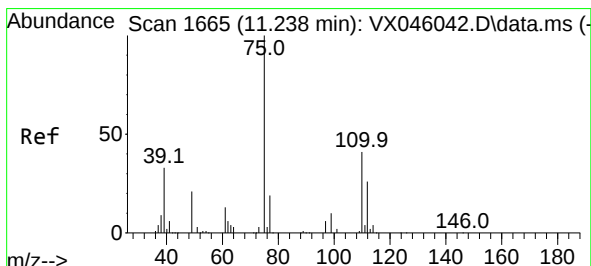
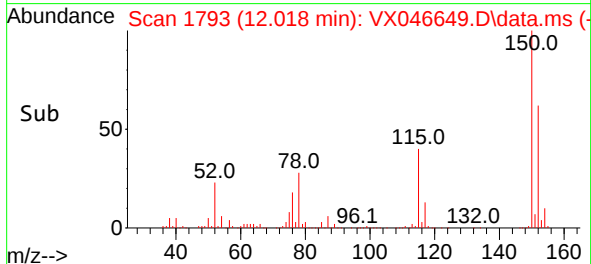
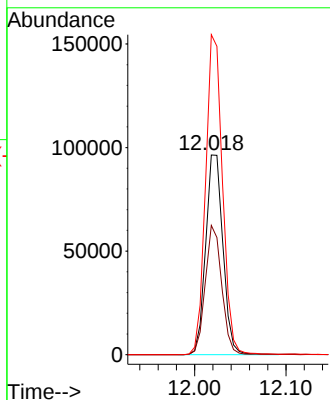
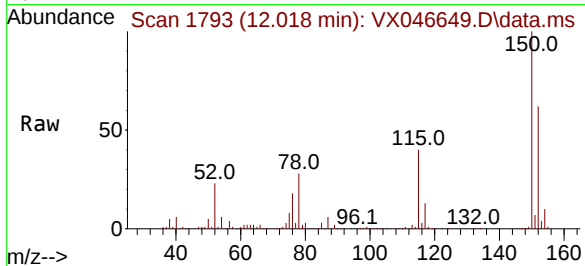




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX046649.D
 Acq: 11 Jun 2025 19:43

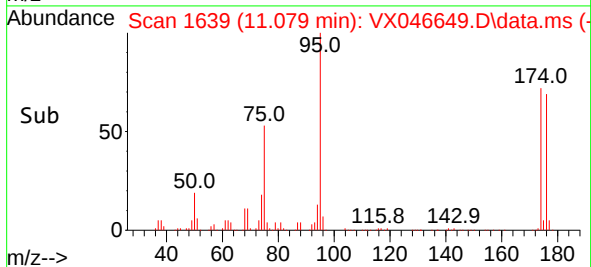
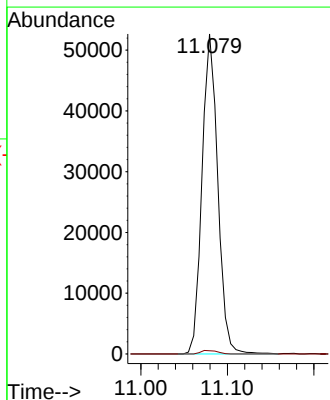
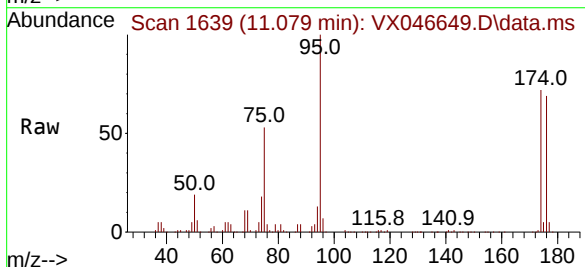
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-13-MHP-WC

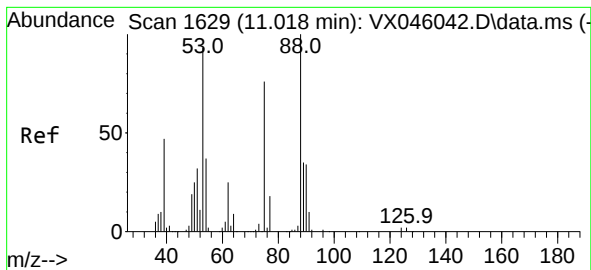
Tgt Ion:152 Resp: 126377
 Ion Ratio Lower Upper
 152 100
 115 61.9 46.9 140.7
 150 156.6 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 24.841 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046649.D
 Acq: 11 Jun 2025 19:43

Tgt Ion: 75 Resp: 66496
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.658 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046649.D
 Acq: 11 Jun 2025 19:43

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-13-MHP-WC

Tgt Ion: 75 Resp: 66496
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

