

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046296.D
 Acq On : 21 May 2025 14:42
 Operator : JC/MD
 Sample : Q2082-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VPB182-HYD-20250516

Quant Time: May 22 01:50:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

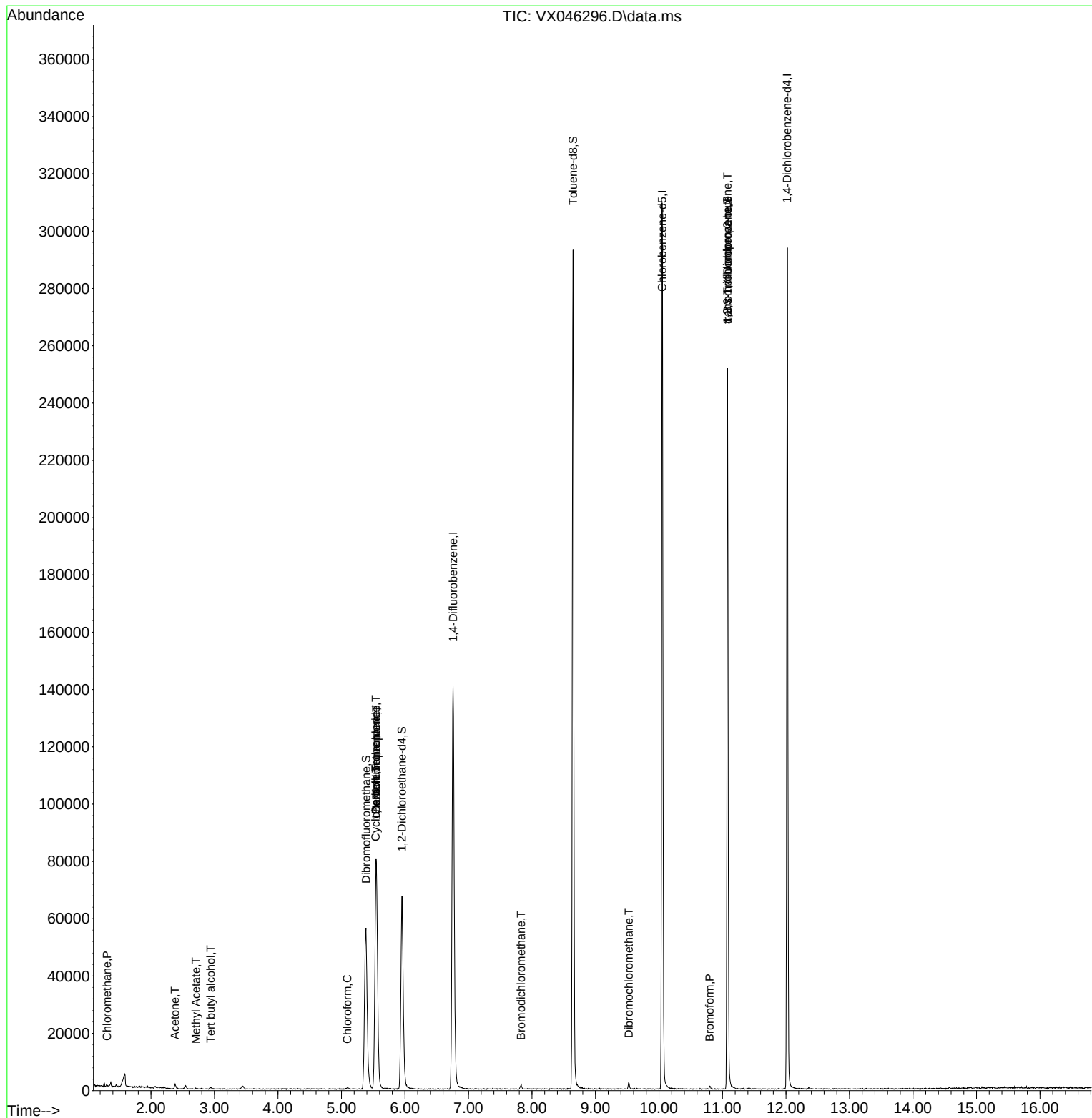
Internal Standards						
1) Pentafluorobenzene	5.544	168	67553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134394	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65952	52.368	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.740%	
35) Dibromofluoromethane	5.385	113	48556	50.173	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.340%	
50) Toluene-d8	8.647	98	165672	49.460	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.920%	
62) 4-Bromofluorobenzene	11.079	95	66559	51.802	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	662	0.660	ug/l	90
11) Tert butyl alcohol	2.941	59	202	1.143	ug/l #	72
16) Acetone	2.380	43	1819	3.602	ug/l	93
18) Methyl Acetate	2.709	43	318	0.271	ug/l	92
30) Chloroform	5.093	83	653	0.380	ug/l	96
31) Cyclohexane	5.538	56	1976	1.317	ug/l #	43
36) 1,1-Dichloropropene	5.550	75	6722	5.170	ug/l #	52
38) Carbon Tetrachloride	5.544	117	8226	5.630	ug/l #	16
47) Bromodichloromethane	7.830	83	915	0.622	ug/l #	91
60) Dibromochloromethane	9.525	129	1211	1.197	ug/l	96
71) Bromoform	10.799	173	428	0.596	ug/l #	91
76) 1,2,3-Trichloropropane	11.079	75	38124	28.901	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	38124	94.093	ug/l #	1

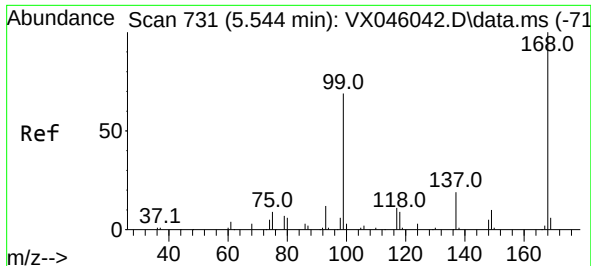
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
Data File : VX046296.D
Acq On : 21 May 2025 14:42
Operator : JC/MD
Sample : Q2082-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VPB182-HYD-20250516

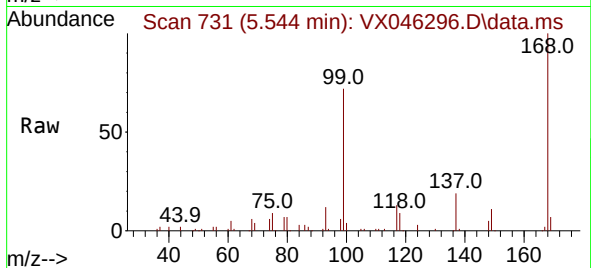
Quant Time: May 22 01:50:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



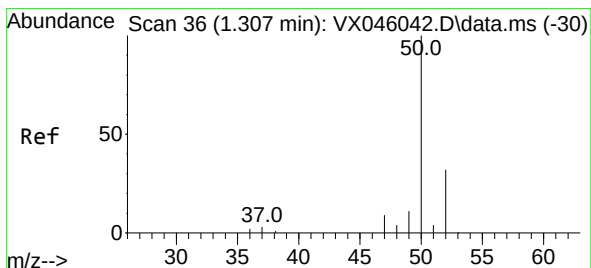
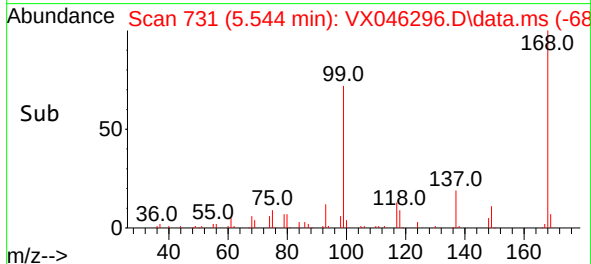
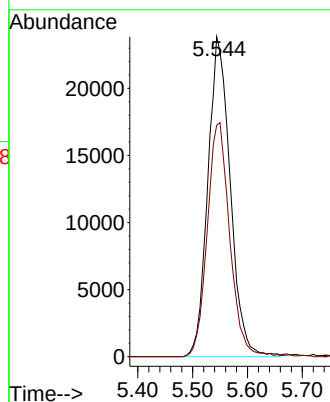


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046296.D
Acq: 21 May 2025 14:42

Instrument :
MSVOA_X
ClientSampleId :
VPB182-HYD-20250516

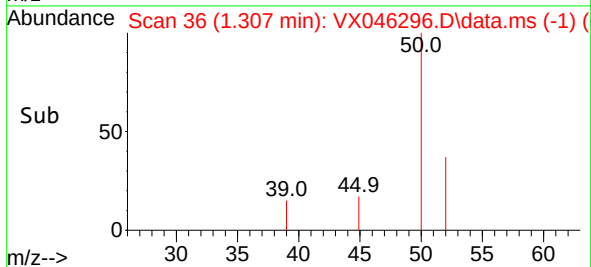
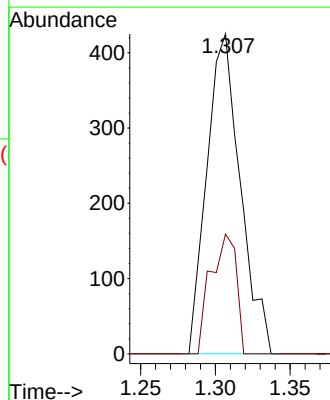
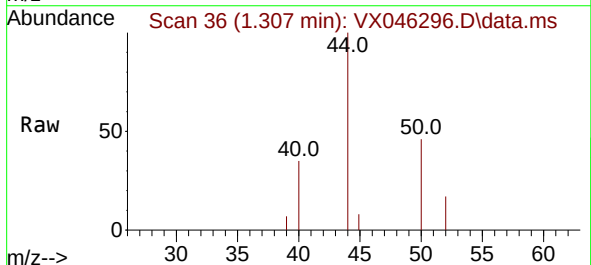


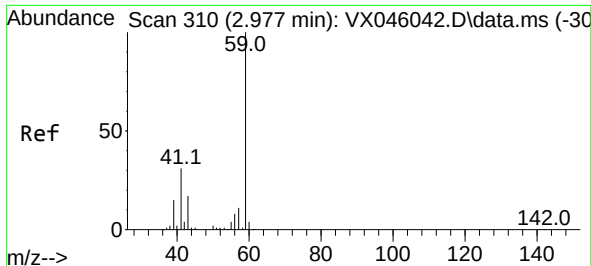
Tgt Ion:168 Resp: 67553
Ion Ratio Lower Upper
168 100
99 72.3 54.9 82.3



#3
Chloromethane
Concen: 0.660 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX046296.D
Acq: 21 May 2025 14:42

Tgt Ion: 50 Resp: 662
Ion Ratio Lower Upper
50 100
52 37.4 25.4 38.2





#11

Tert butyl alcohol

Concen: 1.143 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.037 min

Lab File: VX046296.D

Acq: 21 May 2025 14:42

Instrument :

MSVOA_X

ClientSampleId :

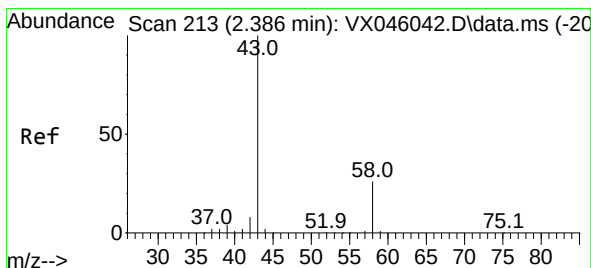
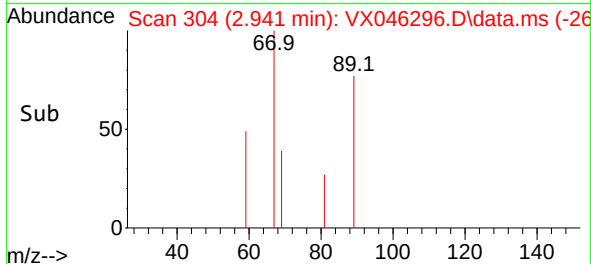
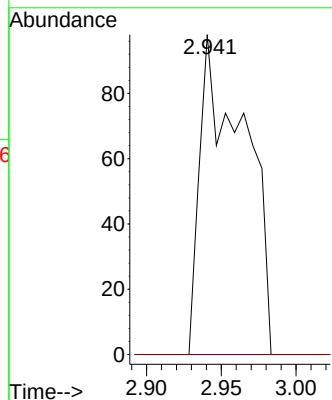
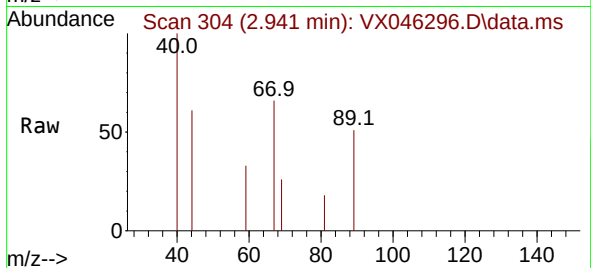
VPB182-HYD-20250516

Tgt Ion: 59 Resp: 202

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



#16

Acetone

Concen: 3.602 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX046296.D

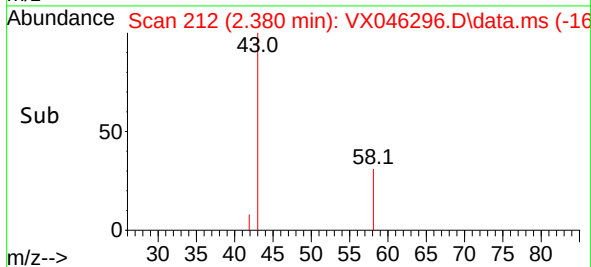
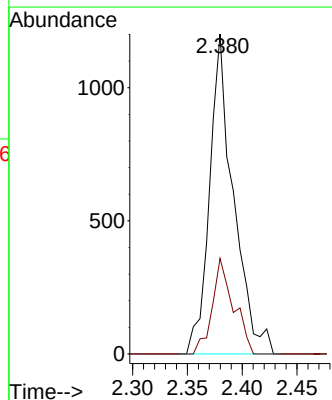
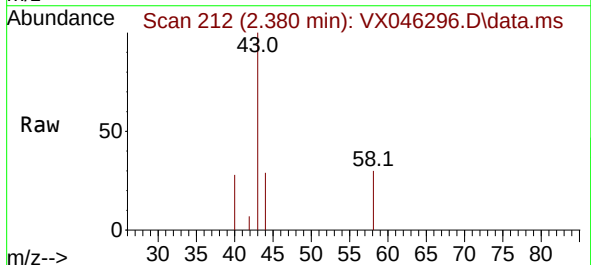
Acq: 21 May 2025 14:42

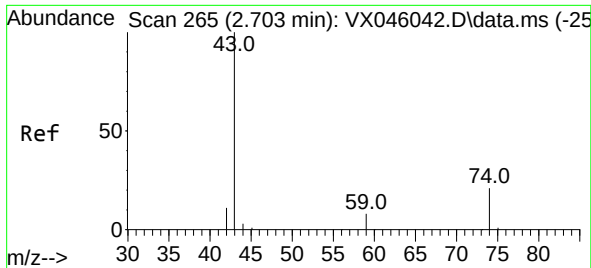
Tgt Ion: 43 Resp: 1819

Ion Ratio Lower Upper

43 100

58 29.9 21.2 31.8

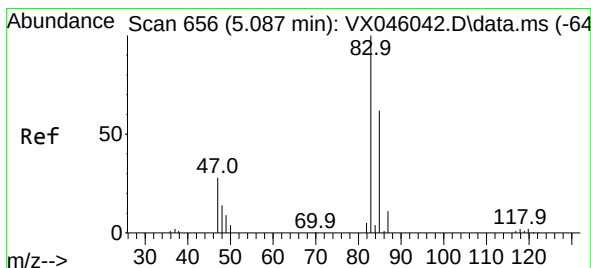
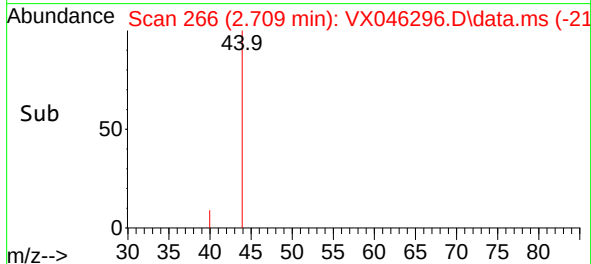
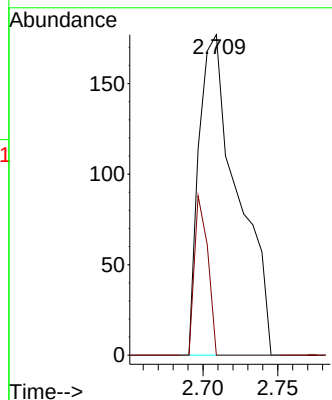
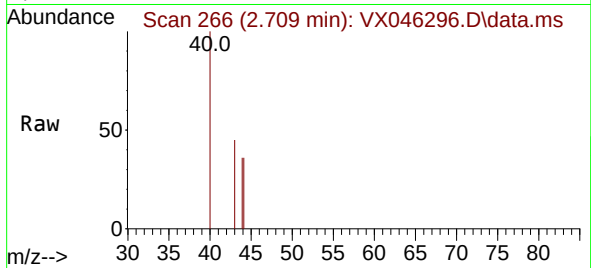




#18
Methyl Acetate
Concen: 0.271 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046296.D
Acq: 21 May 2025 14:42

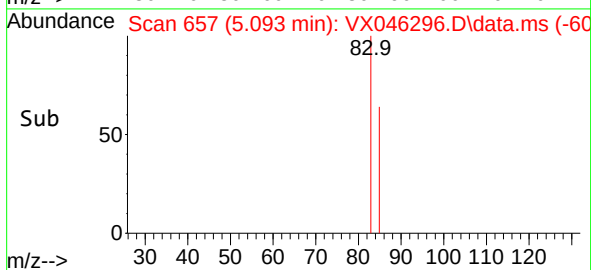
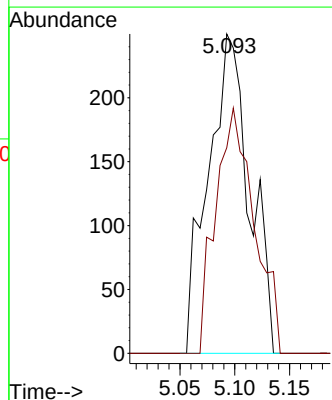
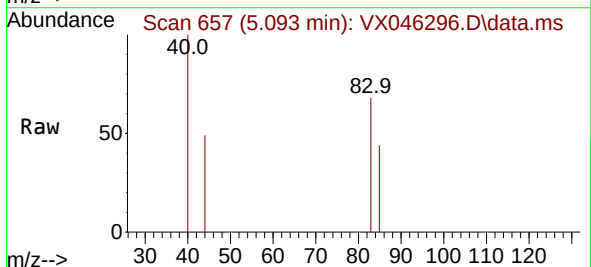
Instrument :
MSVOA_X
ClientSampleId :
VPB182-HYD-20250516

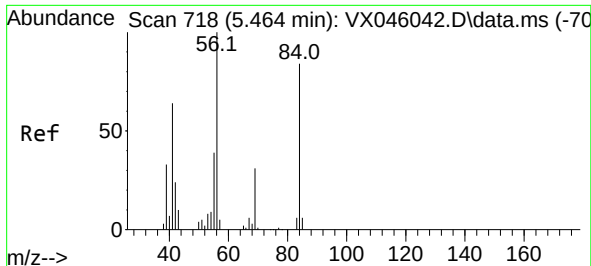
Tgt Ion: 43 Resp: 318
Ion Ratio Lower Upper
43 100
74 17.3 16.7 25.1



#30
Chloroform
Concen: 0.380 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX046296.D
Acq: 21 May 2025 14:42

Tgt Ion: 83 Resp: 653
Ion Ratio Lower Upper
83 100
85 64.4 49.3 73.9

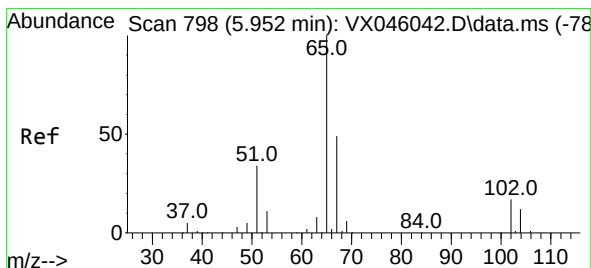
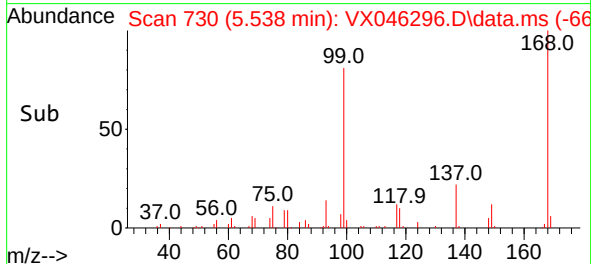
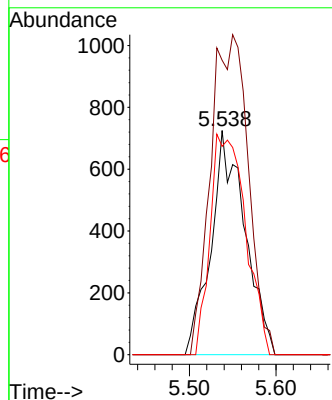
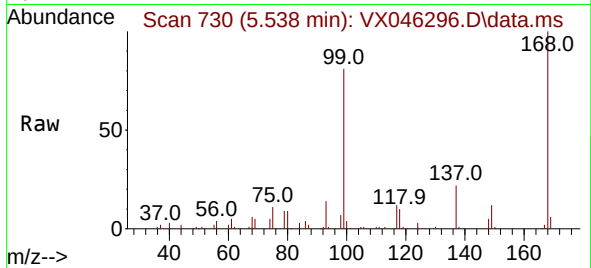




#31
Cyclohexane
Concen: 1.317 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX046296.D
Acq: 21 May 2025 14:42

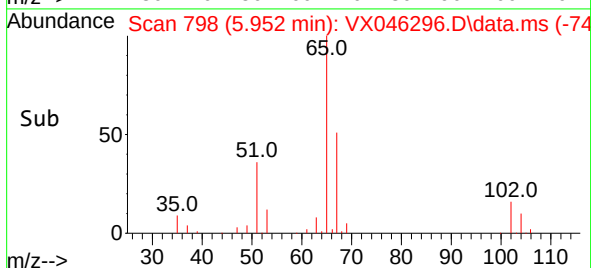
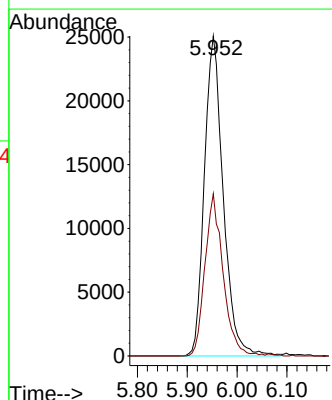
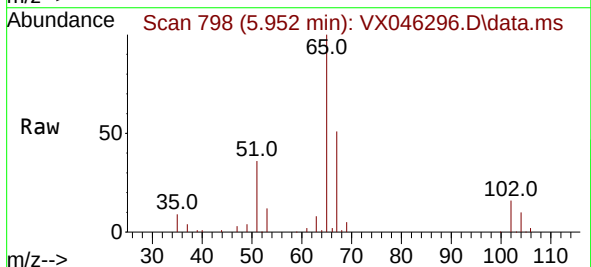
Instrument :
MSVOA_X
ClientSampleId :
VPB182-HYD-20250516

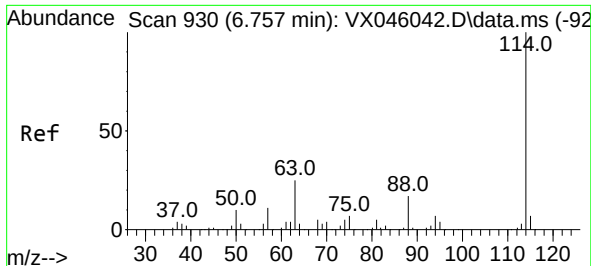
Tgt Ion: 56 Resp: 1976
Ion Ratio Lower Upper
56 100
69 131.3 24.4 36.6#
84 93.0 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 52.368 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX046296.D
Acq: 21 May 2025 14:42

Tgt Ion: 65 Resp: 65952
Ion Ratio Lower Upper
65 100
67 48.8 0.0 99.0

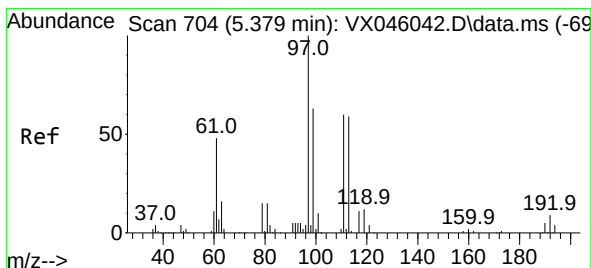
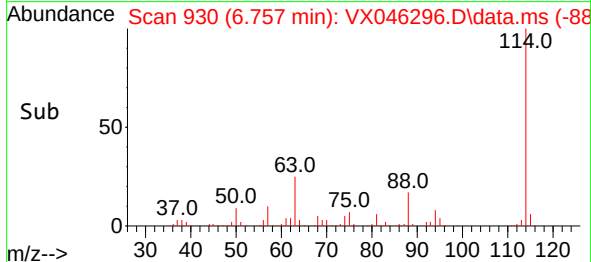
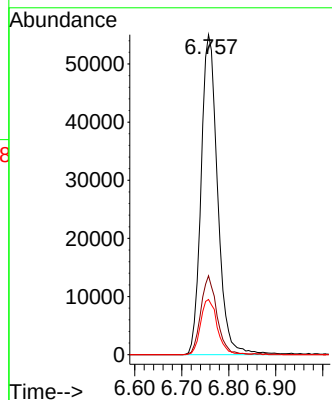
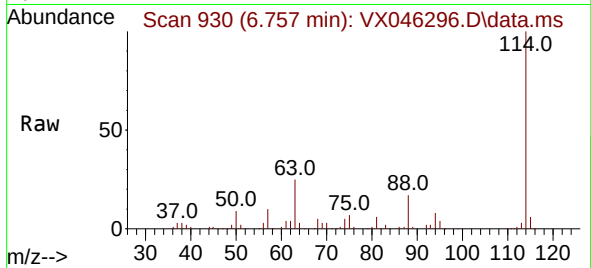




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX046296.D
Acq: 21 May 2025 14:42

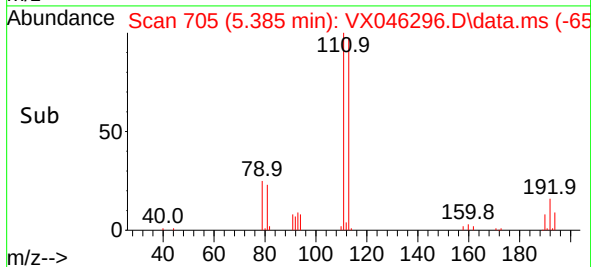
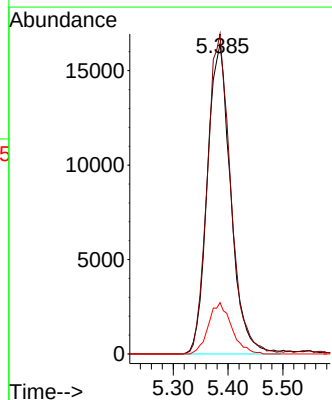
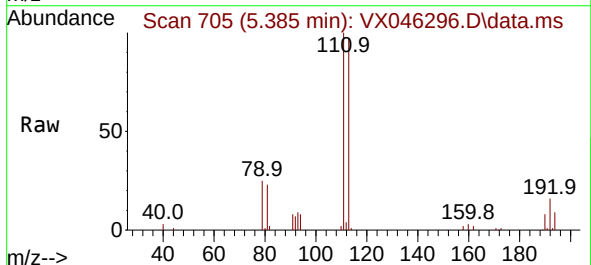
Instrument :
MSVOA_X
ClientSampleId :
VPB182-HYD-20250516

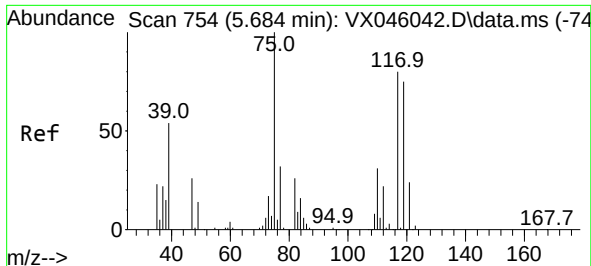
Tgt Ion:114 Resp: 134394
Ion Ratio Lower Upper
114 100
63 24.6 0.0 49.2
88 17.3 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.173 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046296.D
Acq: 21 May 2025 14:42

Tgt Ion:113 Resp: 48556
Ion Ratio Lower Upper
113 100
111 102.9 83.1 124.7
192 16.4 13.3 19.9

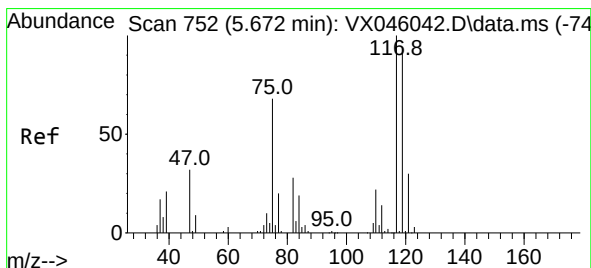
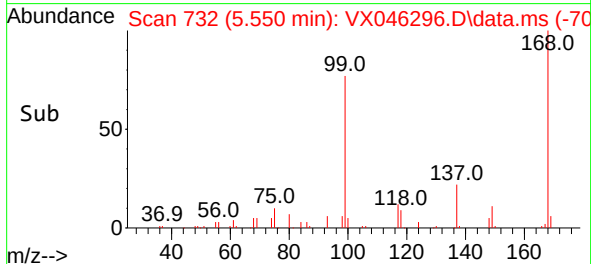
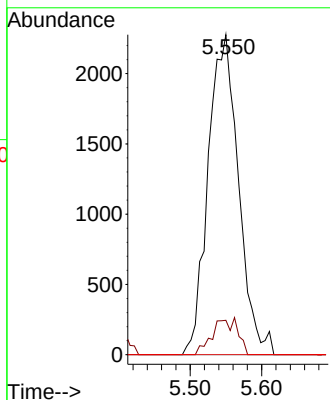
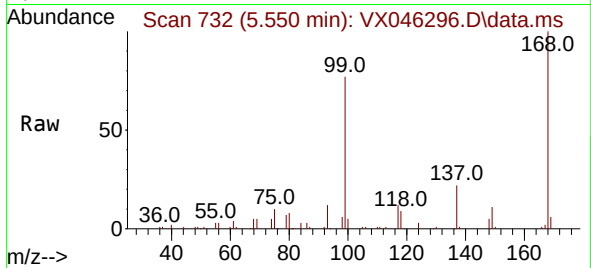




#36
1,1-Dichloropropene
Concen: 5.170 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX046296.D
Acq: 21 May 2025 14:42

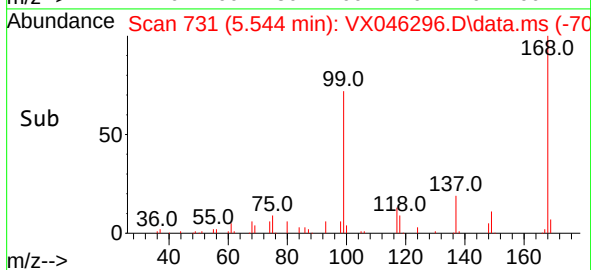
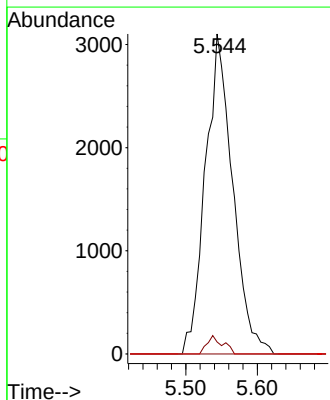
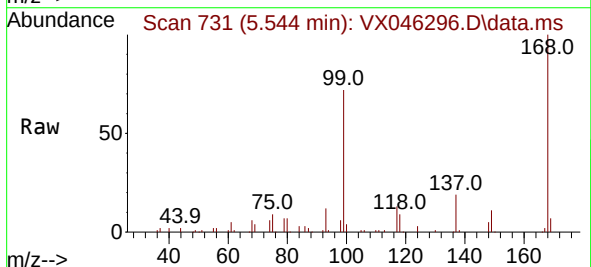
Instrument :
MSVOA_X
ClientSampleId :
VPB182-HYD-20250516

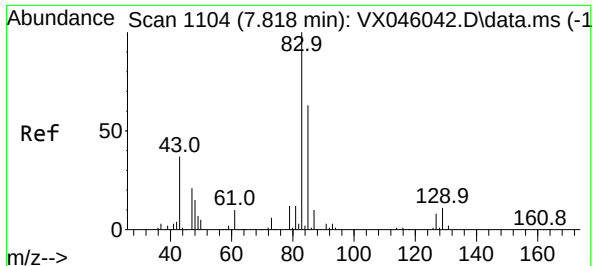
Tgt Ion: 75 Resp: 6722
Ion Ratio Lower Upper
75 100
110 9.5 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.630 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX046296.D
Acq: 21 May 2025 14:42

Tgt Ion: 117 Resp: 8226
Ion Ratio Lower Upper
117 100
119 3.8 75.2 112.8#
121 0.0 24.2 36.4#





#47

Bromodichloromethane

Concen: 0.622 ug/l

RT: 7.830 min Scan# 1106

Delta R.T. 0.012 min

Lab File: VX046296.D

Acq: 21 May 2025 14:42

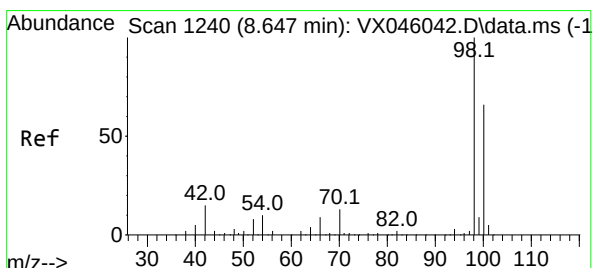
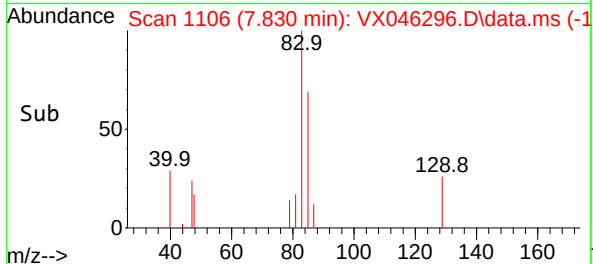
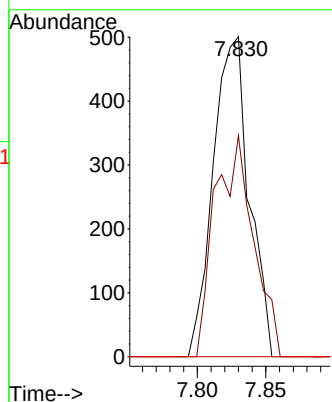
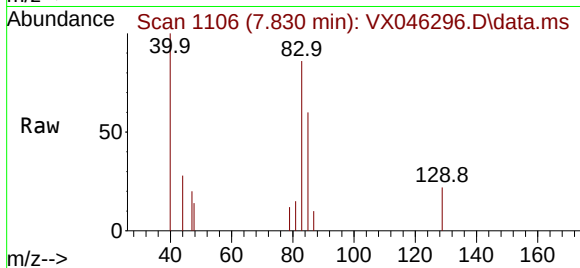
Instrument :

MSVOA_X

ClientSampleId :

VPB182-HYD-20250516

Tgt Ion: 83	Resp:	915
Ion Ratio	Lower	Upper
83	100	
85	69.1	50.5 75.7
127	0.0	6.5 9.7#



#50

Toluene-d8

Concen: 49.460 ug/l

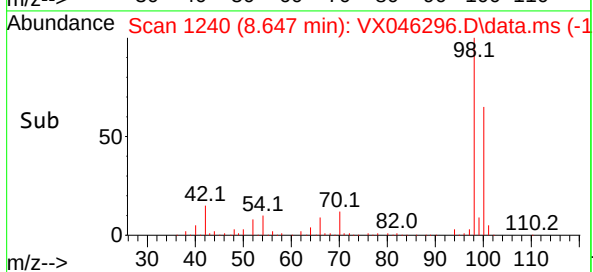
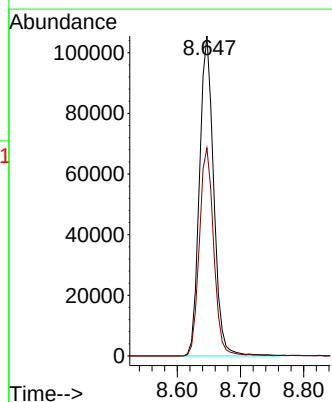
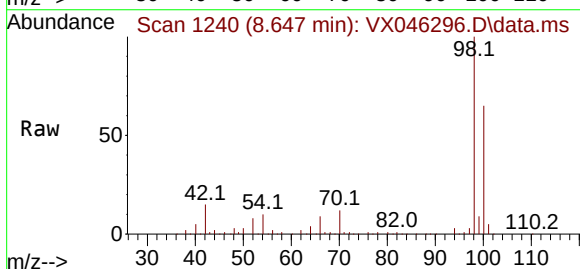
RT: 8.647 min Scan# 1240

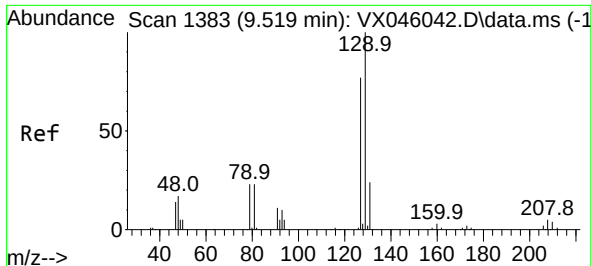
Delta R.T. 0.000 min

Lab File: VX046296.D

Acq: 21 May 2025 14:42

Tgt Ion: 98	Resp:	165672
Ion Ratio	Lower	Upper
98	100	
100	65.5	53.5 80.3

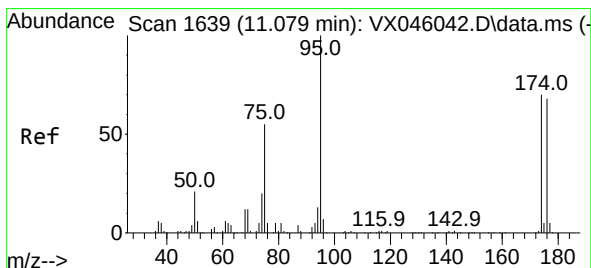
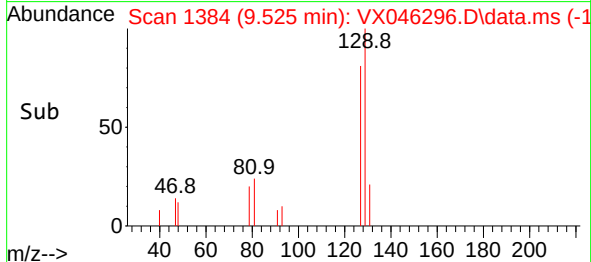
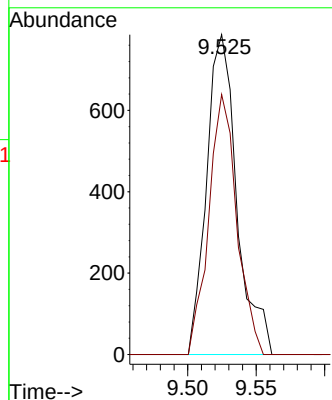
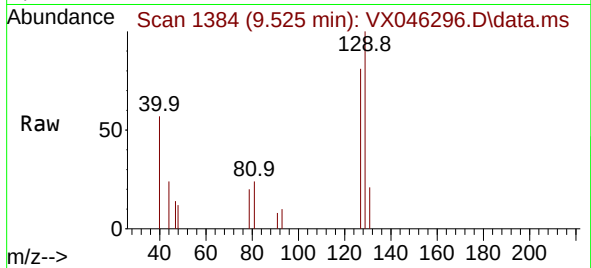




#60
Dibromochloromethane
Concen: 1.197 ug/l
RT: 9.525 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046296.D
Acq: 21 May 2025 14:42

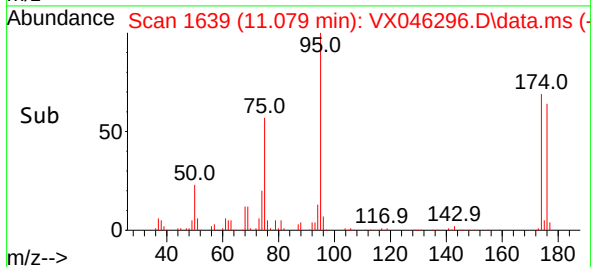
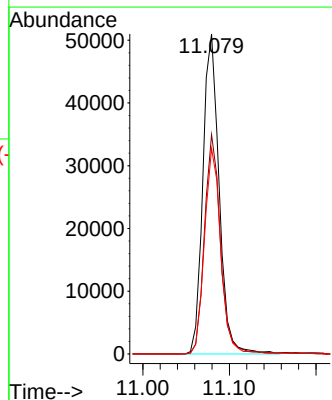
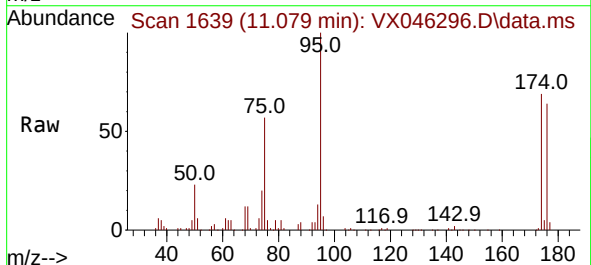
Instrument :
MSVOA_X
ClientSampleId :
VPB182-HYD-20250516

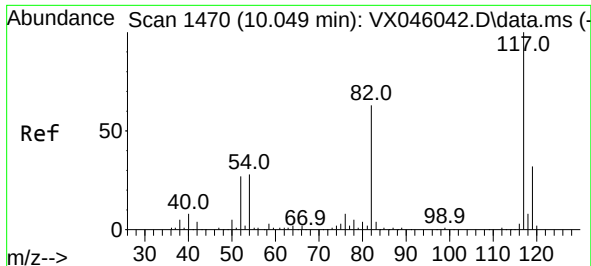
Tgt Ion:129 Resp: 1211
Ion Ratio Lower Upper
129 100
127 75.1 39.3 117.8



#62
4-Bromofluorobenzene
Concen: 51.802 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046296.D
Acq: 21 May 2025 14:42

Tgt Ion: 95 Resp: 66559
Ion Ratio Lower Upper
95 100
174 67.5 0.0 135.8
176 64.0 0.0 131.4

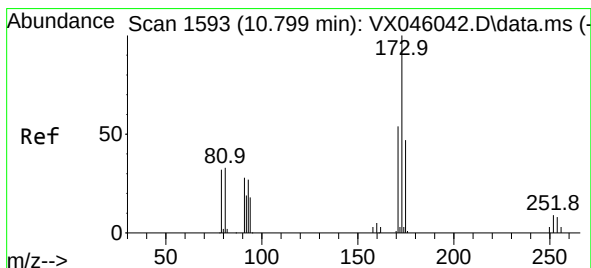
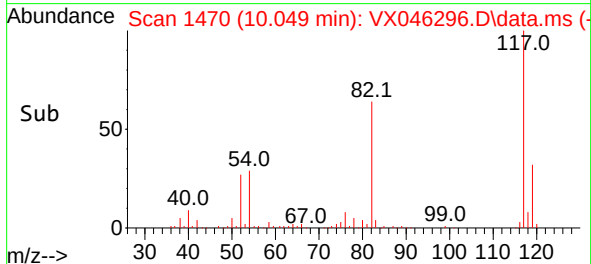
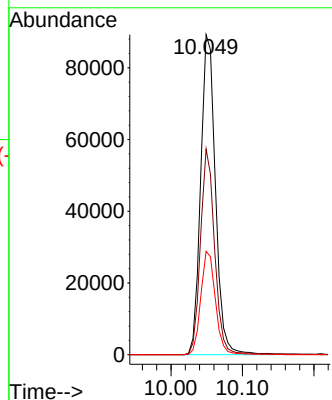
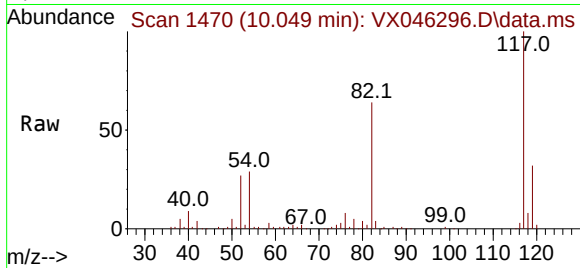




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046296.D
Acq: 21 May 2025 14:42

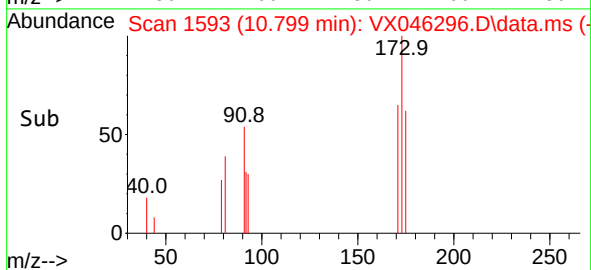
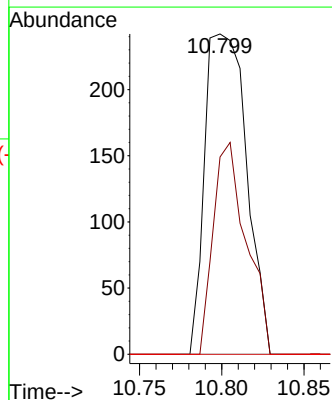
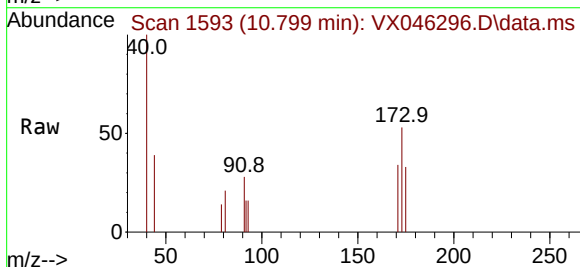
Instrument :
MSVOA_X
ClientSampleId :
VPB182-HYD-20250516

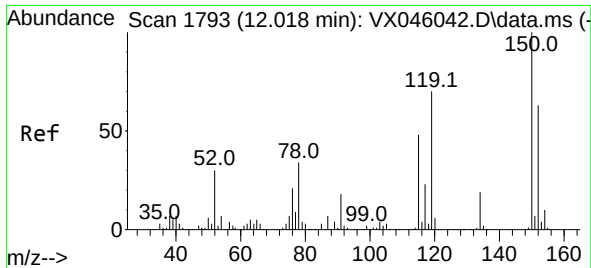
Tgt Ion:117 Resp: 128060
Ion Ratio Lower Upper
117 100
82 64.3 50.6 76.0
119 32.3 25.8 38.6



#71
Bromoform
Concen: 0.596 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX046296.D
Acq: 21 May 2025 14:42

Tgt Ion:173 Resp: 428
Ion Ratio Lower Upper
173 100
175 52.6 23.4 70.0
254 0.0 0.0 0.0

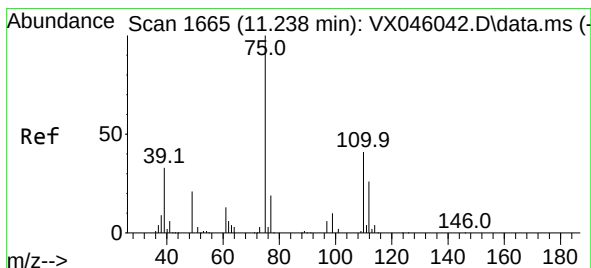
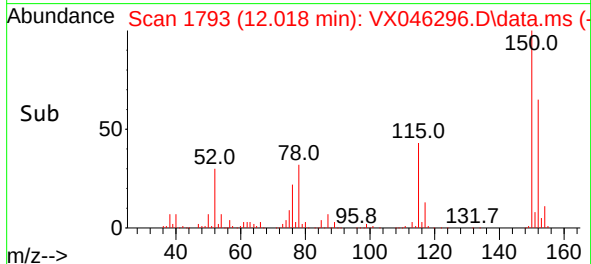
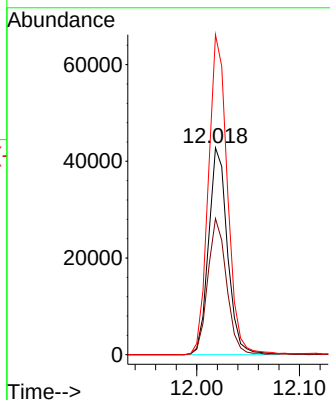
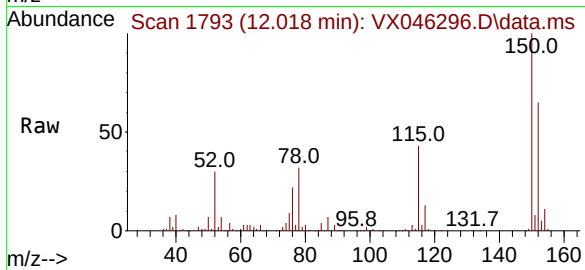




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046296.D
Acq: 21 May 2025 14:42

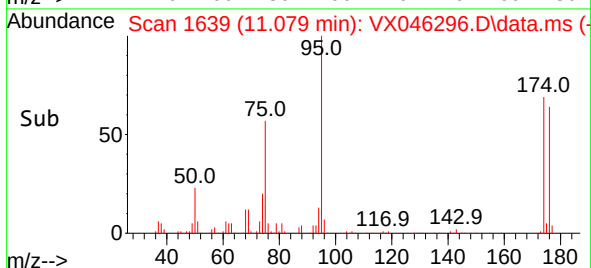
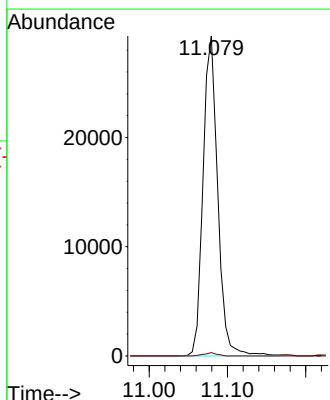
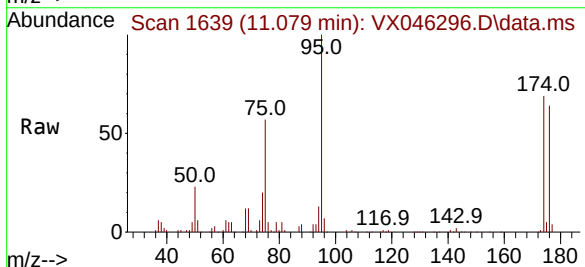
Instrument :
MSVOA_X
ClientSampleId :
VPB182-HYD-20250516

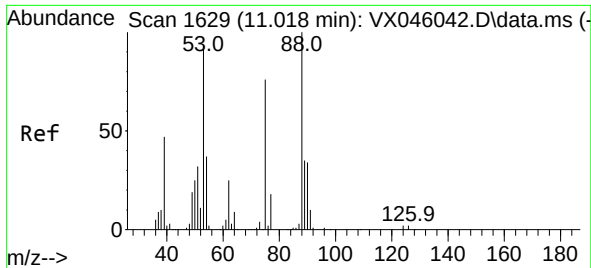
Tgt Ion:152 Resp: 54802
Ion Ratio Lower Upper
152 100
115 65.8 46.9 140.7
150 156.1 0.0 351.0



#76
1,2,3-Trichloropropane
Concen: 28.901 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX046296.D
Acq: 21 May 2025 14:42

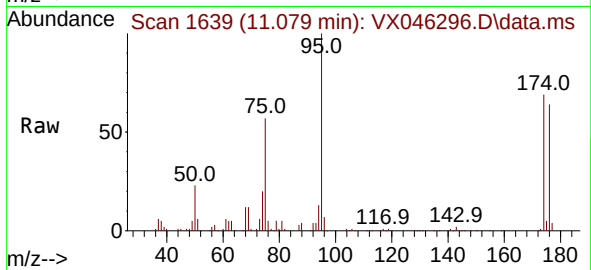
Tgt Ion: 75 Resp: 38124
Ion Ratio Lower Upper
75 100
77 0.9 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.093 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046296.D
 Acq: 21 May 2025 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VPB182-HYD-20250516



Tgt Ion: 75 Resp: 38124
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

