

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051624\
 Data File : VD078947.D
 Acq On : 16 May 2024 15:55
 Operator : RP/MD
 Sample : P2486-01
 Misc : 5.02G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WCS-TPK

Quant Time: May 17 06:10:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

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

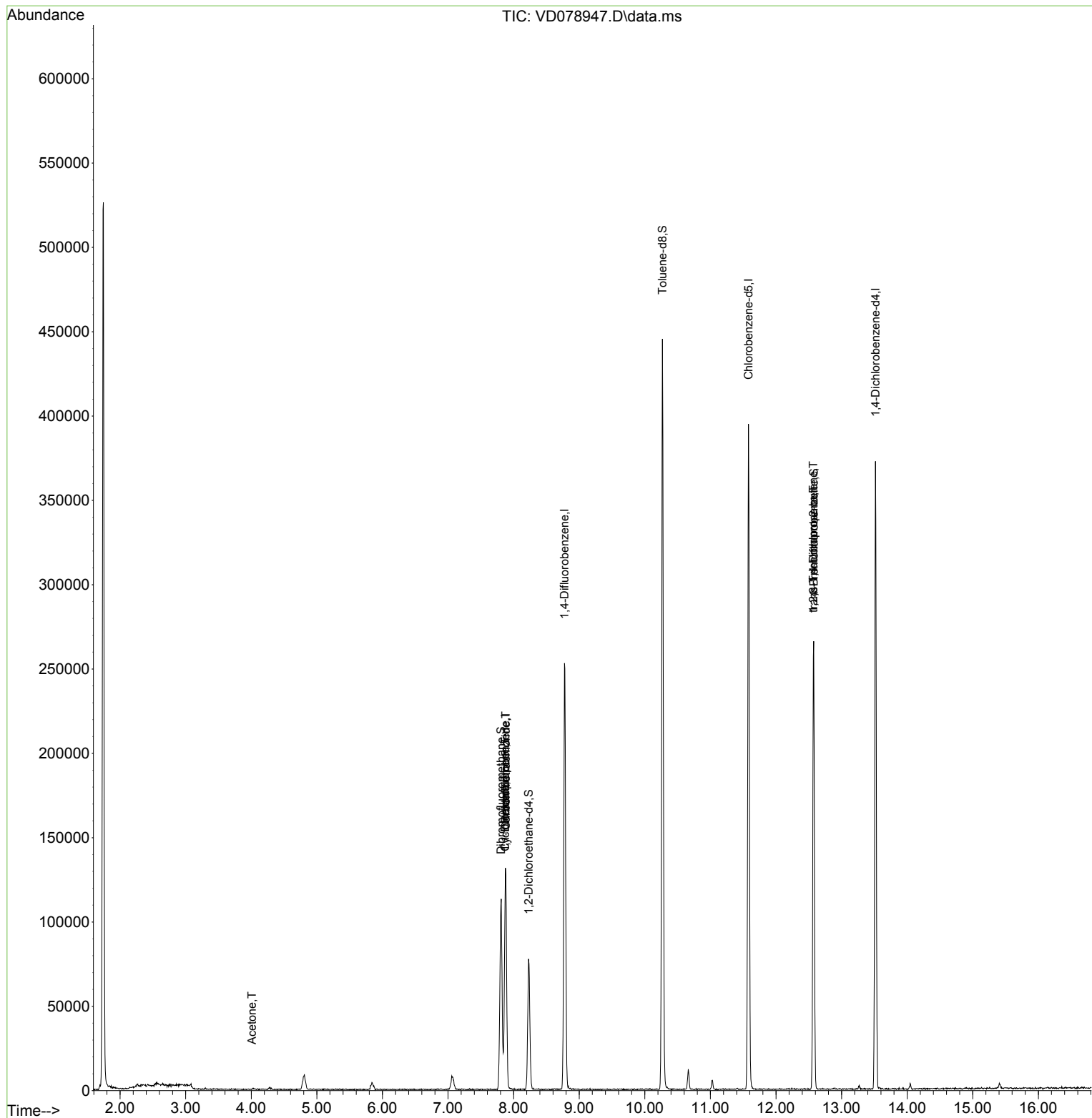
Internal Standards						
1) Pentafluorobenzene	7.875	168	106036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	236275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	238570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	104869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60363	60.690	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 121.380%		
35) Dibromofluoromethane	7.810	113	80859	51.411	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 102.820%		
50) Toluene-d8	10.269	98	310412	52.646	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 105.300%		
62) 4-Bromofluorobenzene	12.575	95	78126	47.166	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 94.340%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.158	50	58	Below Cal	#	40
5) Bromomethane	2.817	94	54	Below Cal	#	49
16) Acetone	4.011	43	490	3.090	ug/l #	37
17) Carbon Disulfide	4.281	76	918	Below Cal	#	76
31) Cyclohexane	7.869	56	2057	1.416	ug/l #	40
36) 1,1-Dichloropropene	7.869	75	7973	4.074	ug/l #	47
38) Carbon Tetrachloride	7.881	117	9948	4.343	ug/l #	16
76) 1,2,3-Trichloropropane	12.569	75	40323	54.617	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	40323	108.307	ug/l #	19

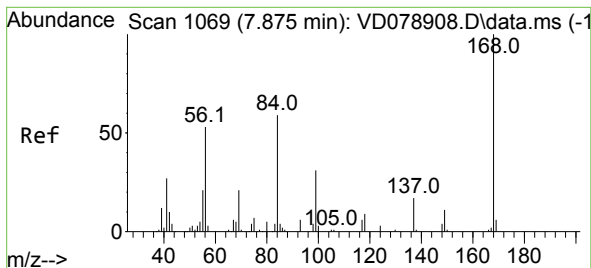
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051624\
Data File : VD078947.D
Acq On : 16 May 2024 15:55
Operator : RP/MD
Sample : P2486-01
Misc : 5.02G/5ml/MSVOA_D/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WCS-TPK

Quant Time: May 17 06:10:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
Quant Title : SW846 8260
QLast Update : Tue May 14 06:21:28 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD078947.D

Acq: 16 May 2024 15:55

Instrument :

MSVOA_D

ClientSampleId :

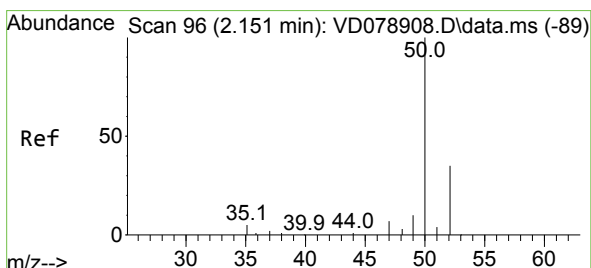
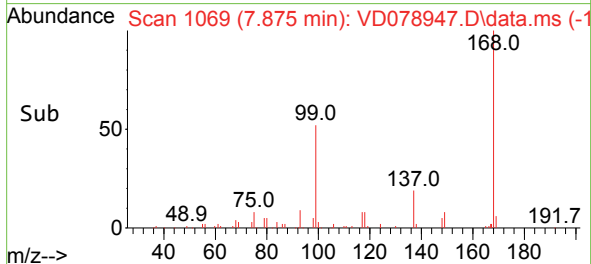
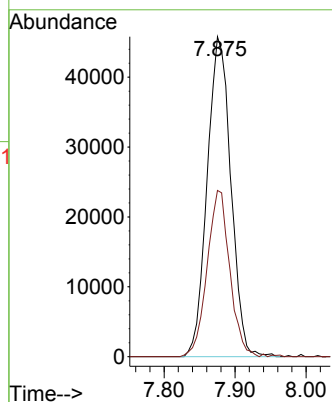
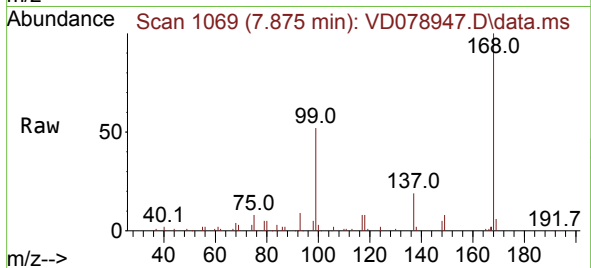
WCS-TPK

Tgt Ion:168 Resp: 106036

Ion Ratio Lower Upper

168 100

99 52.0 41.1 61.7



#3

Chloromethane

Concen: Below Cal

RT: 2.158 min Scan# 97

Delta R.T. 0.007 min

Lab File: VD078947.D

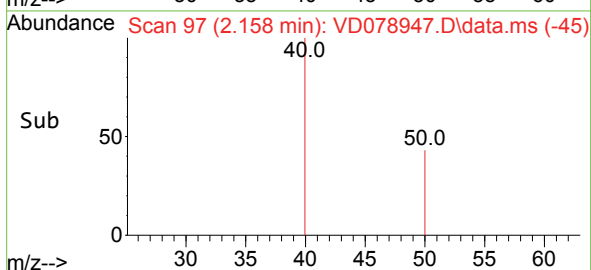
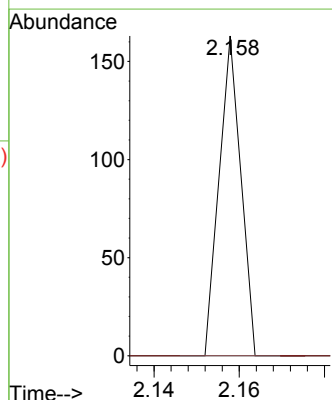
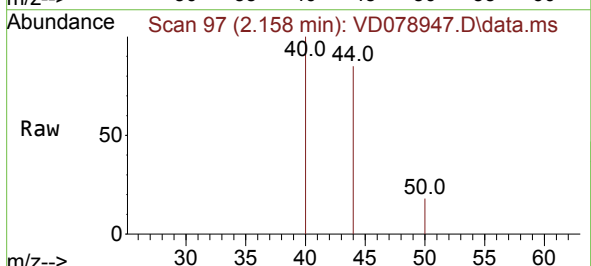
Acq: 16 May 2024 15:55

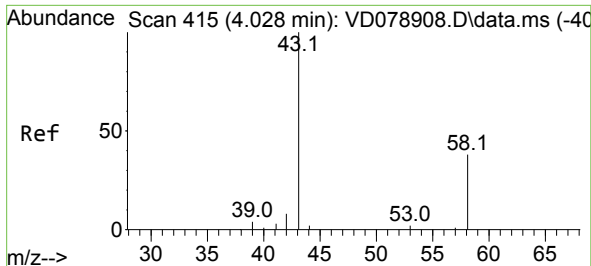
Tgt Ion: 50 Resp: 58

Ion Ratio Lower Upper

50 100

52 0.0 28.2 42.2#

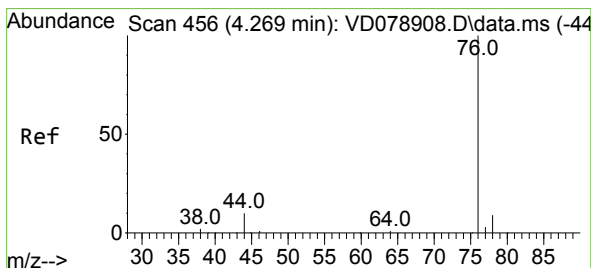
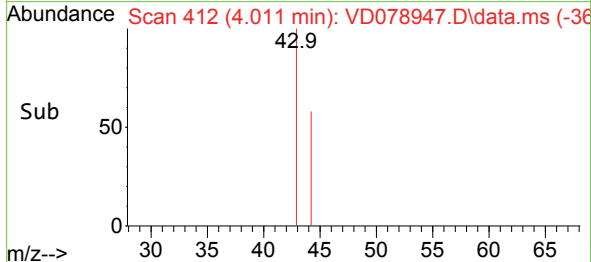
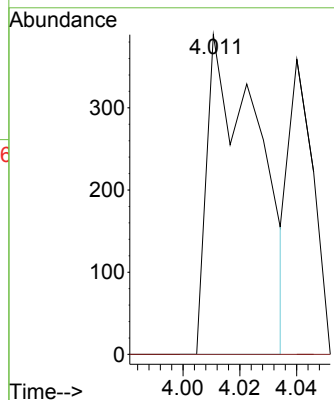
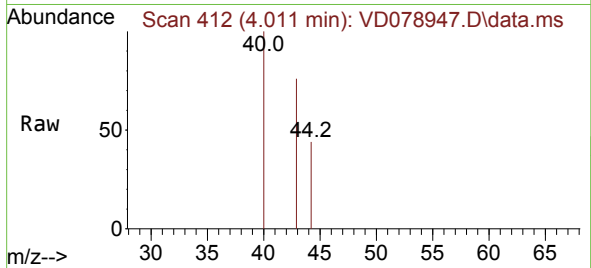




#16
Acetone
Concen: 3.090 ug/l
RT: 4.011 min Scan# 41
Delta R.T. -0.017 min
Lab File: VD078947.D
Acq: 16 May 2024 15:55

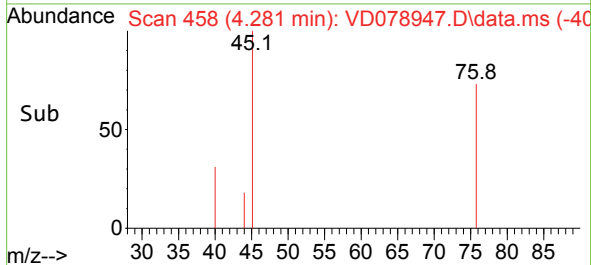
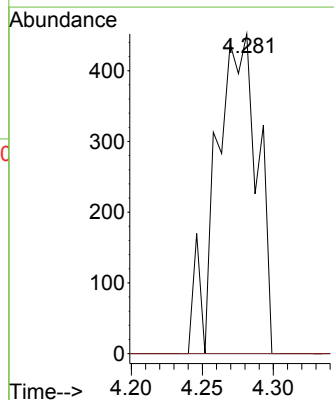
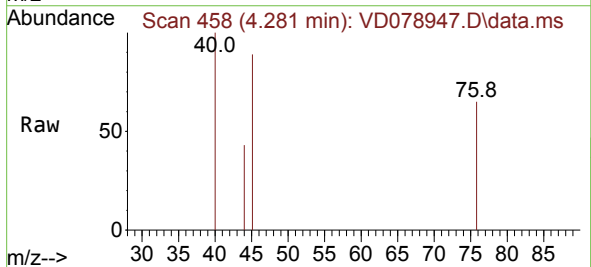
Instrument :
MSVOA_D
ClientSampleId :
WCS-TPK

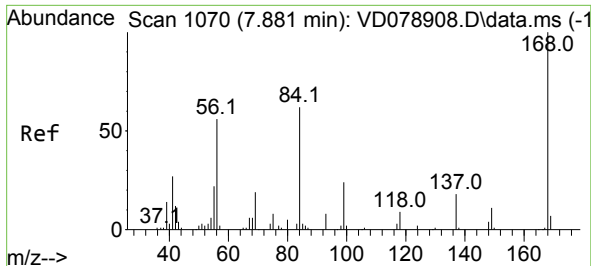
Tgt Ion: 43 Resp: 490
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.281 min Scan# 458
Delta R.T. 0.012 min
Lab File: VD078947.D
Acq: 16 May 2024 15:55

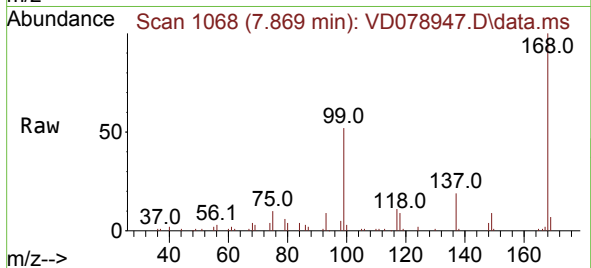
Tgt Ion: 76 Resp: 918
Ion Ratio Lower Upper
76 100
78 0.0 6.9 10.3#



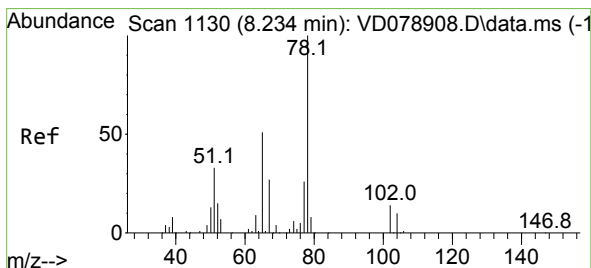
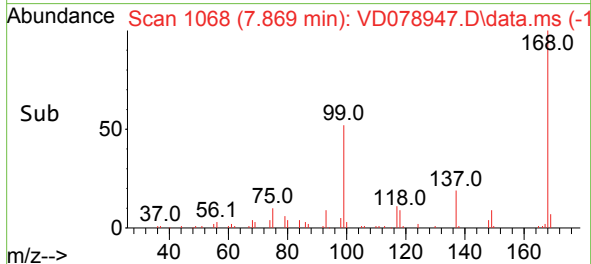
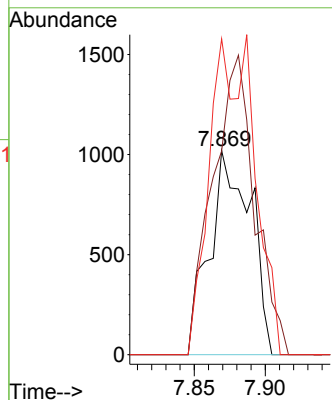


#31
Cyclohexane
Concen: 1.416 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.011 min
Lab File: VD078947.D
Acq: 16 May 2024 15:55

Instrument :
MSVOA_D
ClientSampleId :
WCS-TPK

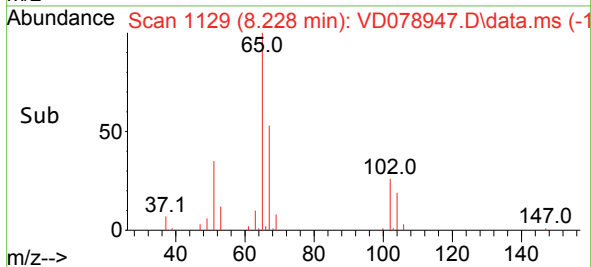
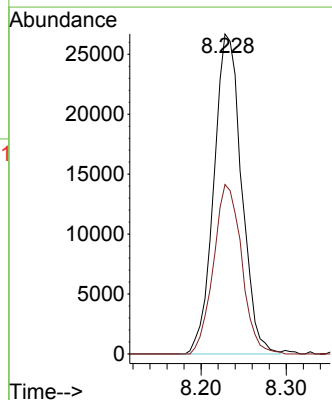
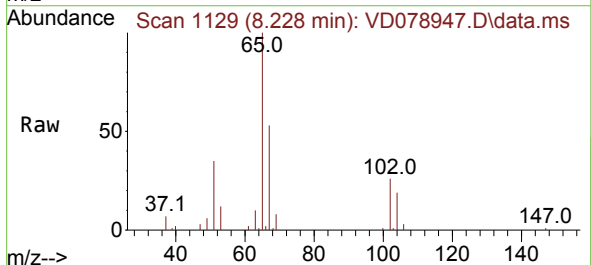


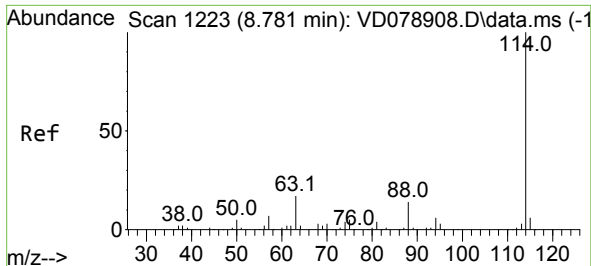
Tgt Ion: 56 Resp: 2057
Ion Ratio Lower Upper
56 100
69 99.8 28.0 42.0#
84 154.7 87.4 131.0#



#33
1,2-Dichloroethane-d4
Concen: 60.690 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.005 min
Lab File: VD078947.D
Acq: 16 May 2024 15:55

Tgt Ion: 65 Resp: 60363
Ion Ratio Lower Upper
65 100
67 53.8 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD078947.D

Acq: 16 May 2024 15:55

Instrument :

MSVOA_D

ClientSampleId :

WCS-TPK

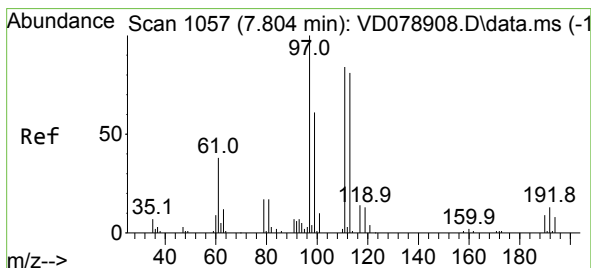
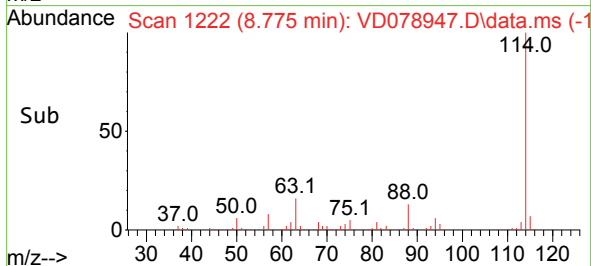
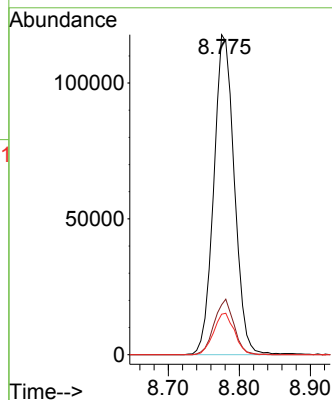
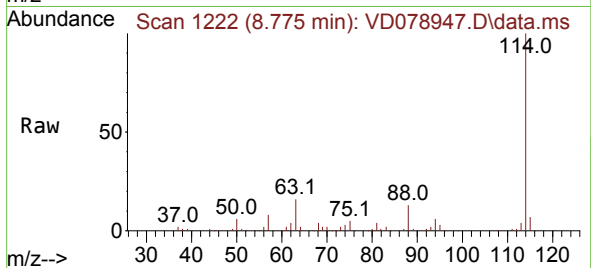
Tgt Ion:114 Resp: 236275

Ion Ratio Lower Upper

114 100

63 15.6 0.0 34.0

88 12.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.411 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078947.D

Acq: 16 May 2024 15:55

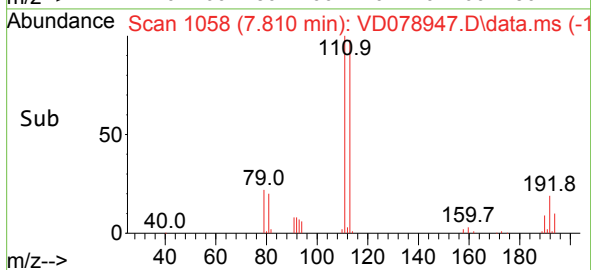
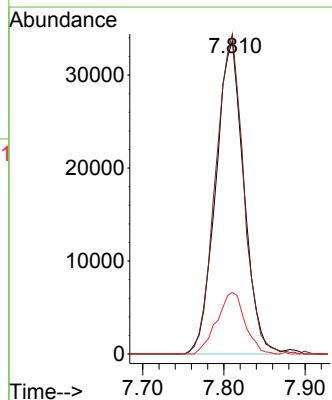
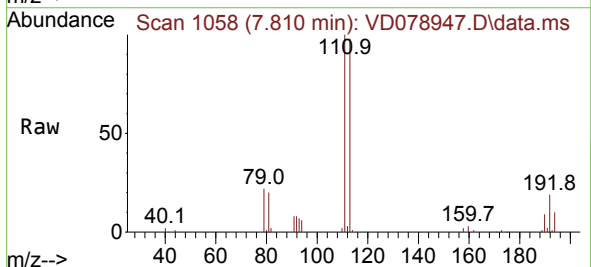
Tgt Ion:113 Resp: 80859

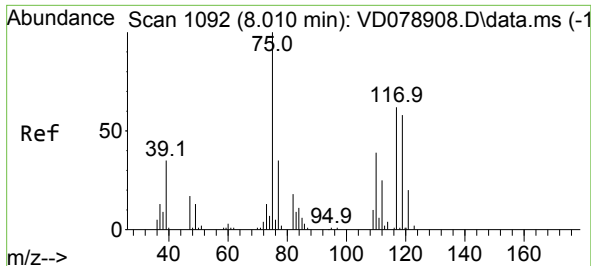
Ion Ratio Lower Upper

113 100

111 102.4 84.0 126.0

192 19.7 15.4 23.0

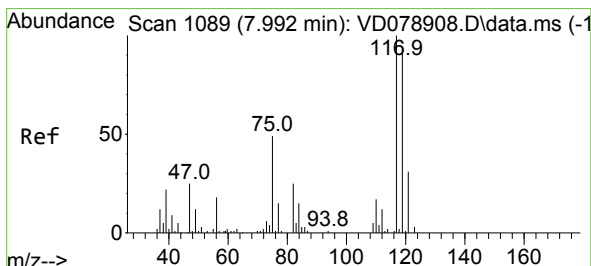
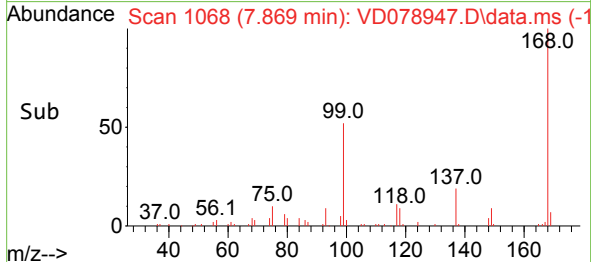
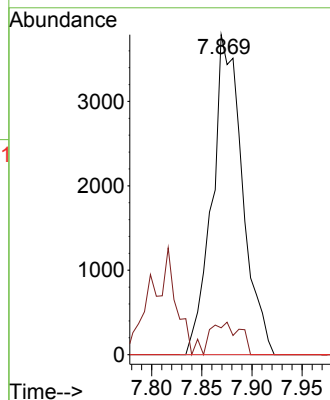
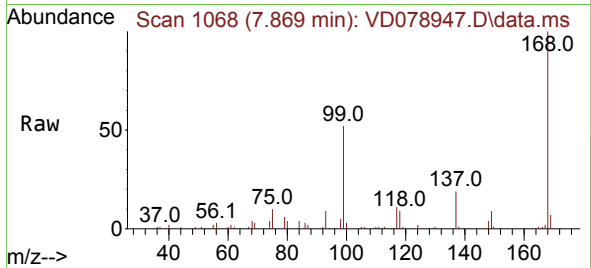




#36
1,1-Dichloropropene
Concen: 4.074 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD078947.D
Acq: 16 May 2024 15:55

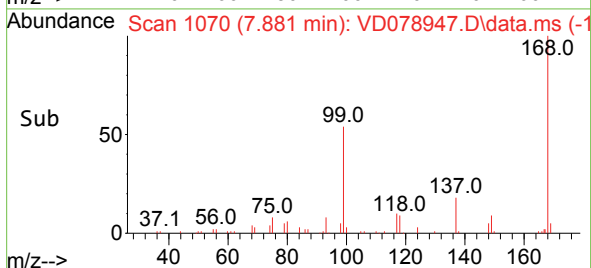
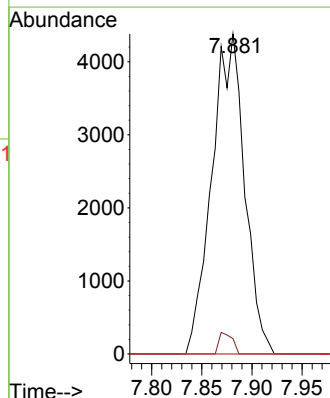
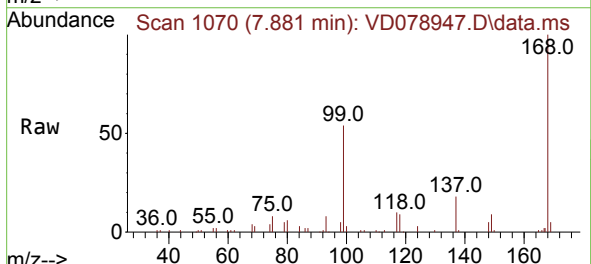
Instrument :
MSVOA_D
ClientSampleId :
WCS-TPK

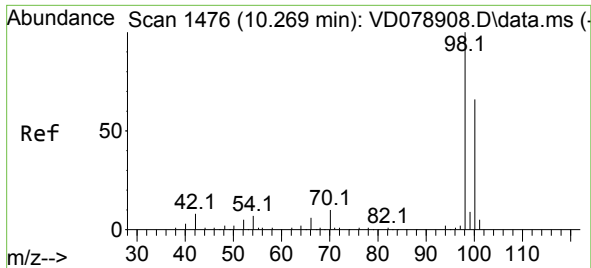
Tgt Ion: 75 Resp: 7973
Ion Ratio Lower Upper
75 100
110 9.6 19.6 58.7#
77 0.0 26.1 39.1#



#38
Carbon Tetrachloride
Concen: 4.343 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.111 min
Lab File: VD078947.D
Acq: 16 May 2024 15:55

Tgt Ion: 117 Resp: 9948
Ion Ratio Lower Upper
117 100
119 4.8 75.4 113.0#
121 0.0 25.0 37.4#

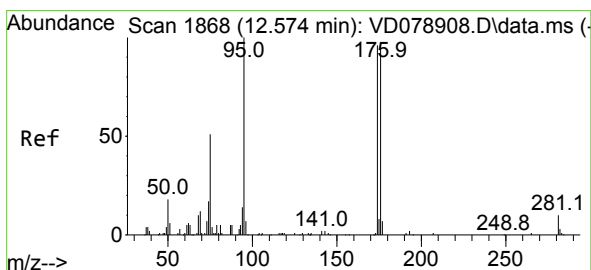
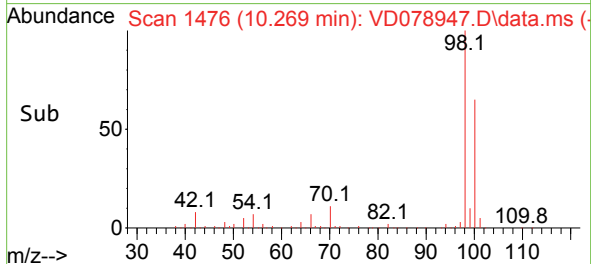
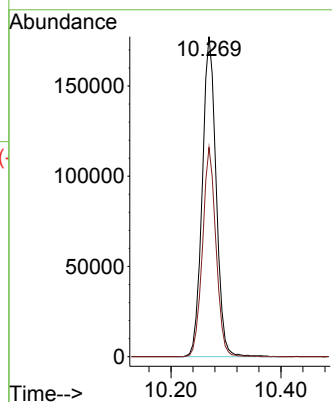
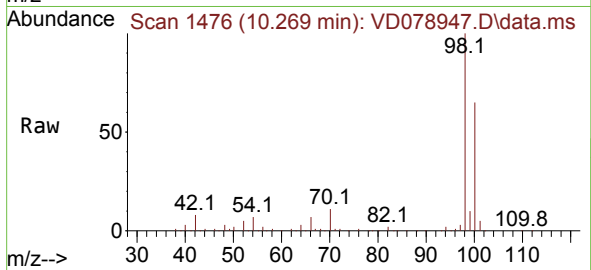




#50
Toluene-d8
Concen: 52.646 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078947.D
Acq: 16 May 2024 15:55

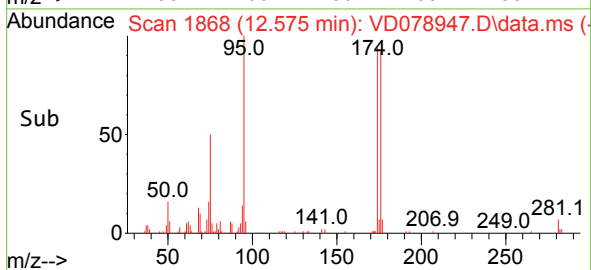
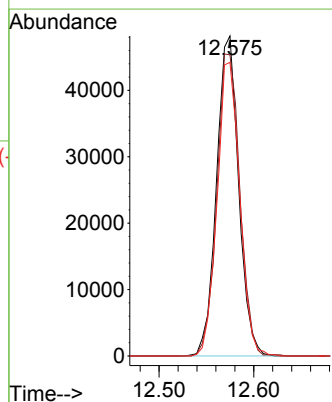
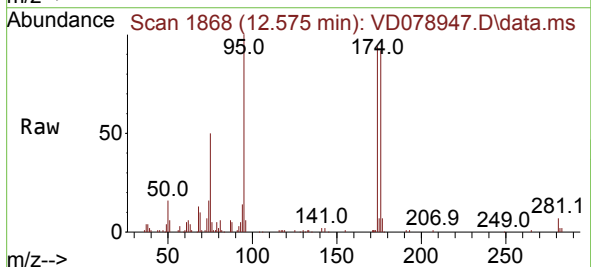
Instrument :
MSVOA_D
ClientSampleId :
WCS-TPK

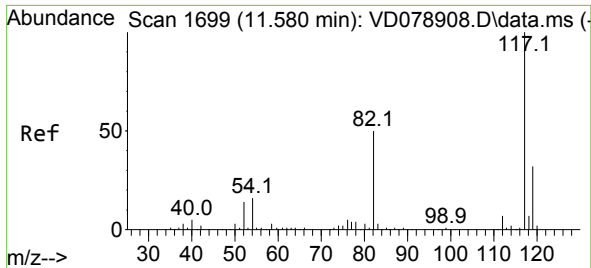
Tgt Ion: 98 Resp: 310412
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 47.166 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078947.D
Acq: 16 May 2024 15:55

Tgt Ion: 95 Resp: 78126
Ion Ratio Lower Upper
95 100
174 98.6 0.0 195.4
176 94.0 0.0 192.6

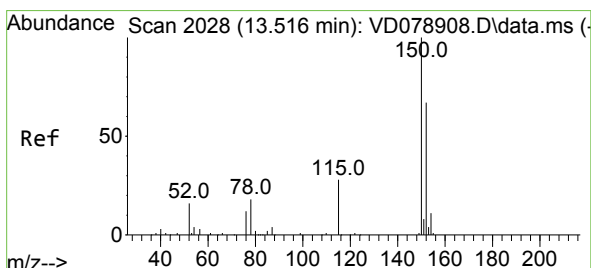
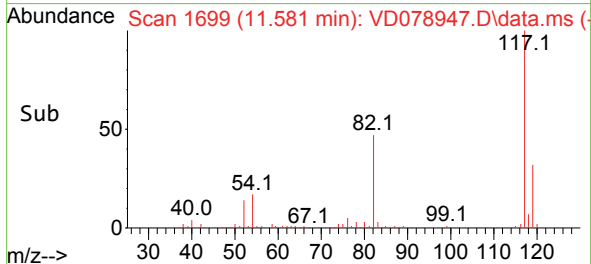
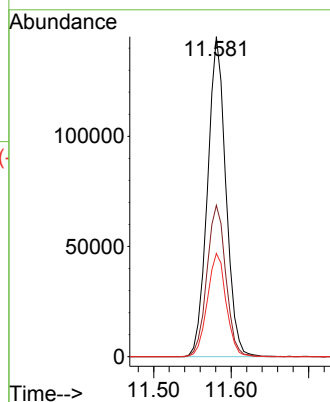
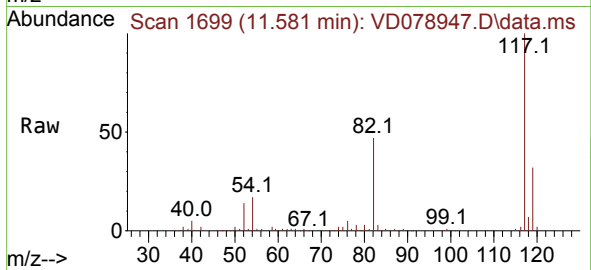




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078947.D
Acq: 16 May 2024 15:55

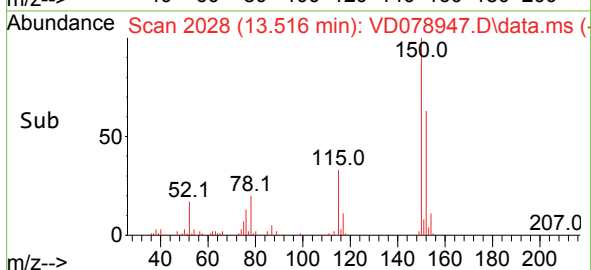
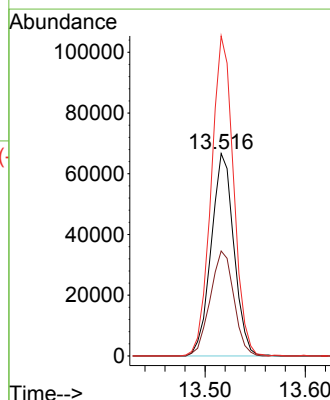
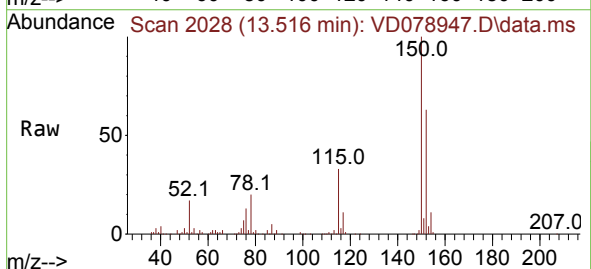
Instrument :
MSVOA_D
ClientSampleId :
WCS-TPK

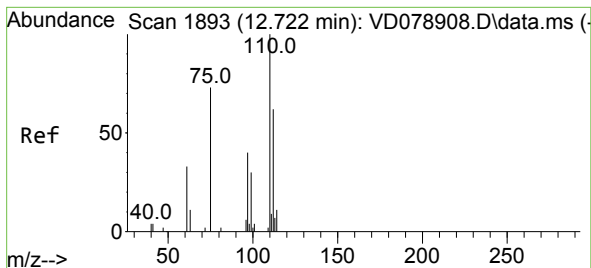
Tgt Ion:117 Resp: 238570
Ion Ratio Lower Upper
117 100
82 47.3 39.8 59.6
119 32.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078947.D
Acq: 16 May 2024 15:55

Tgt Ion:152 Resp: 104869
Ion Ratio Lower Upper
152 100
115 53.9 26.5 79.5
150 155.5 0.0 341.6





#76

1,2,3-Trichloropropane

Concen: 54.617 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.152 min

Lab File: VD078947.D

Acq: 16 May 2024 15:55

Instrument :

MSVOA_D

ClientSampleId :

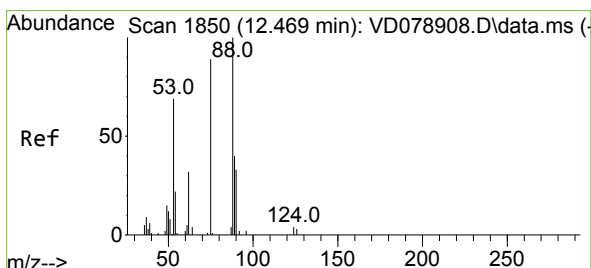
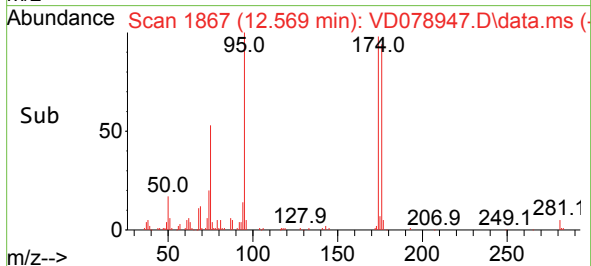
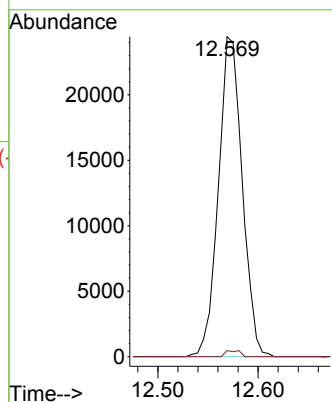
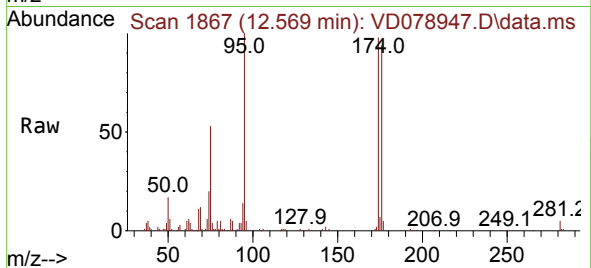
WCS-TPK

Tgt Ion: 75 Resp: 40323

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 108.307 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.100 min

Lab File: VD078947.D

Acq: 16 May 2024 15:55

Tgt Ion: 75 Resp: 40323

Ion Ratio Lower Upper

75 100

53 0.0 61.4 92.2#

89 0.0 35.4 53.0#

