

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051724\
 Data File : VY018316.D
 Acq On : 17 May 2024 18:21
 Operator : SY/MD
 Sample : P2486-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TPK

Quant Time: May 18 00:54:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

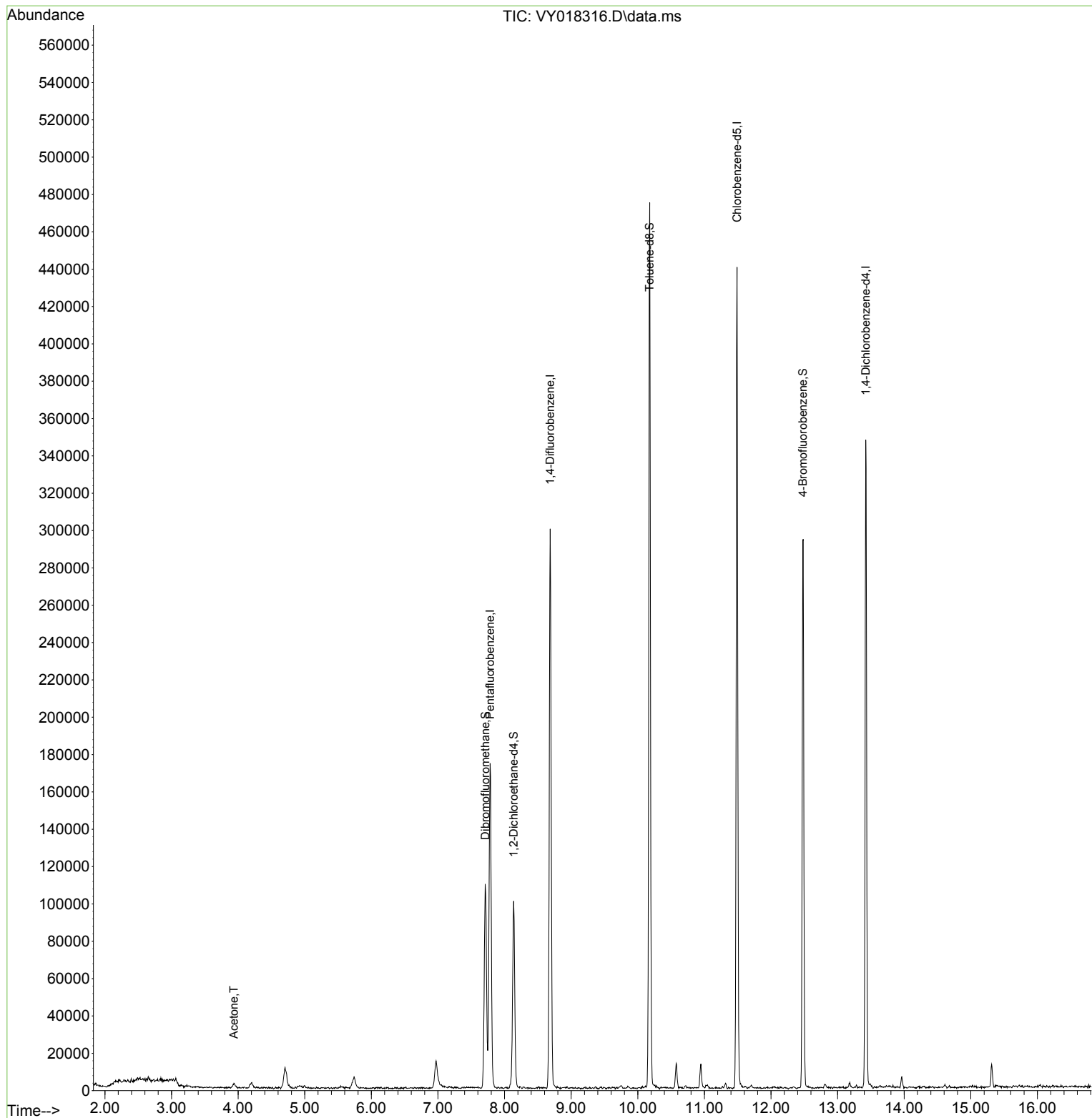
Internal Standards						
1) Pentafluorobenzene	7.783	168	134244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	264804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	236469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	86556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	69891	70.769	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.540%	
35) Dibromofluoromethane	7.710	113	79380	57.039	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.080%	
50) Toluene-d8	10.179	98	308902	56.327	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.660%	
62) 4-Bromofluorobenzene	12.477	95	93520	52.806	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.620%	
Target Compounds						
16) Acetone	3.936	43	4166	21.138	ug/l	Qvalue # 86

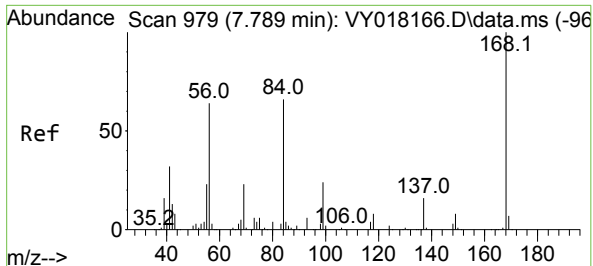
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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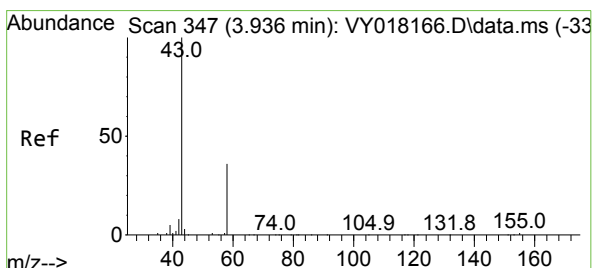
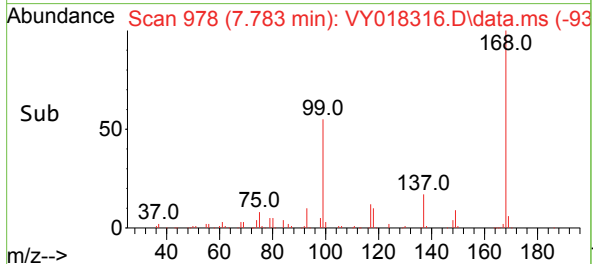
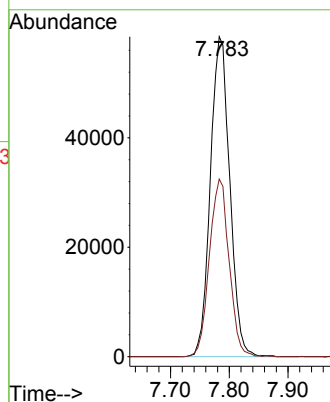
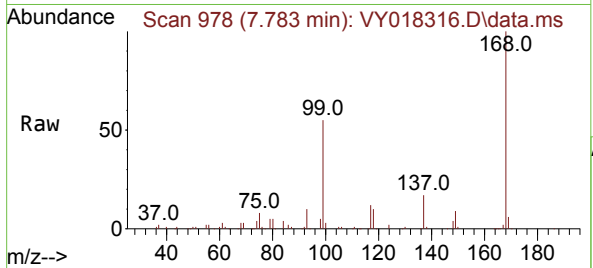




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018316.D
Acq: 17 May 2024 18:21

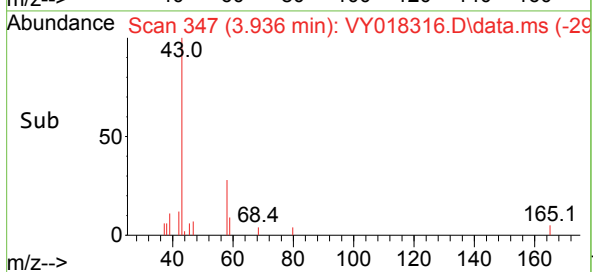
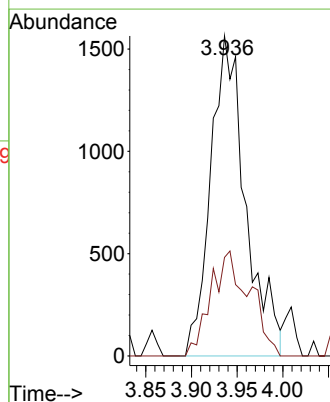
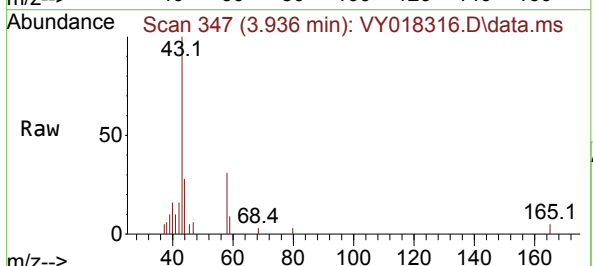
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPK

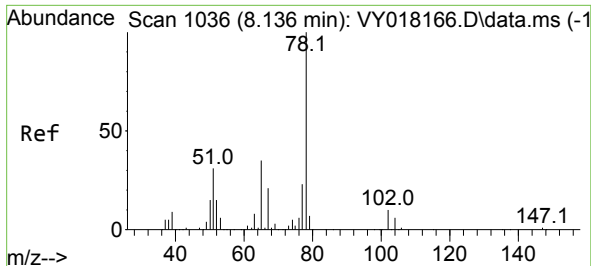
Tgt Ion:168 Resp: 134244
Ion Ratio Lower Upper
168 100
99 55.5 39.1 58.7



#16
Acetone
Concen: 21.138 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018316.D
Acq: 17 May 2024 18:21

Tgt Ion: 43 Resp: 4166
Ion Ratio Lower Upper
43 100
58 30.8 31.7 47.5#

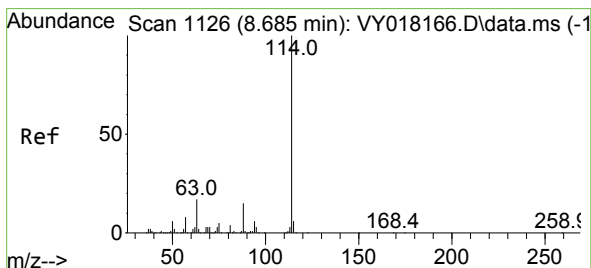
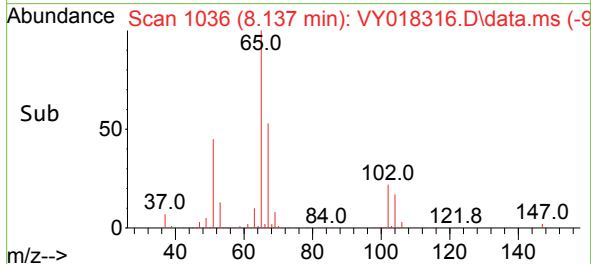
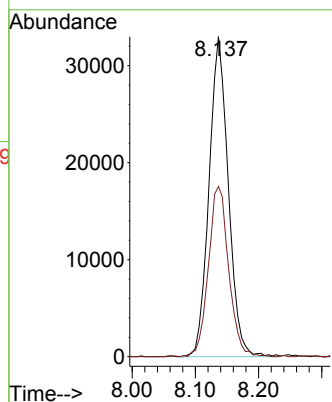
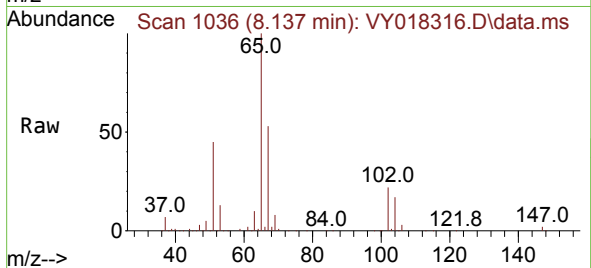




#33
1,2-Dichloroethane-d4
Concen: 70.769 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018316.D
Acq: 17 May 2024 18:21

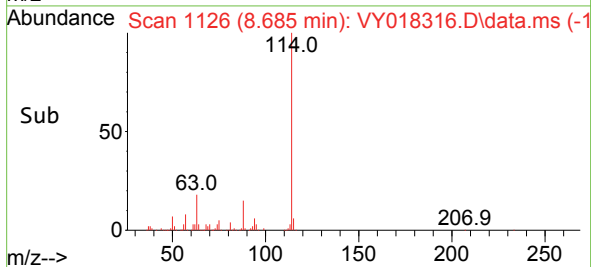
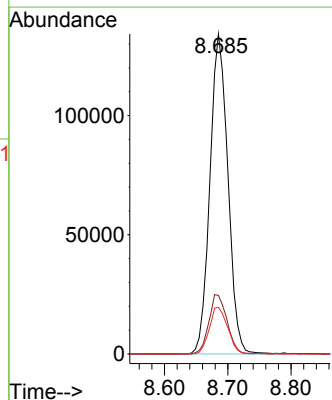
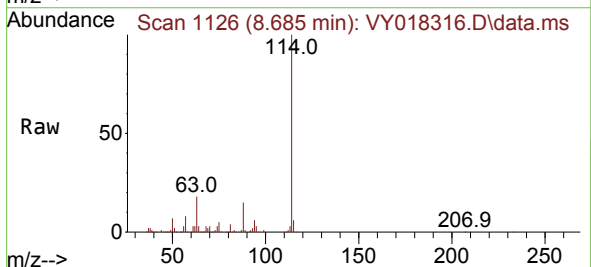
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPK

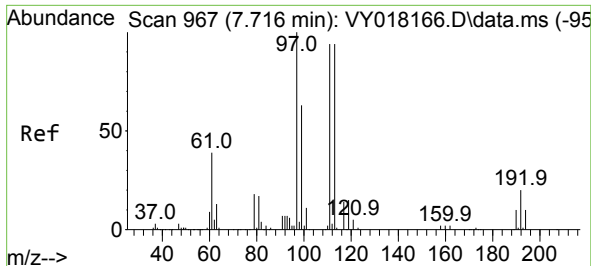
Tgt Ion: 65 Resp: 69891
Ion Ratio Lower Upper
65 100
67 55.9 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018316.D
Acq: 17 May 2024 18:21

Tgt Ion: 114 Resp: 264804
Ion Ratio Lower Upper
114 100
63 18.3 0.0 35.0
88 14.6 0.0 27.2

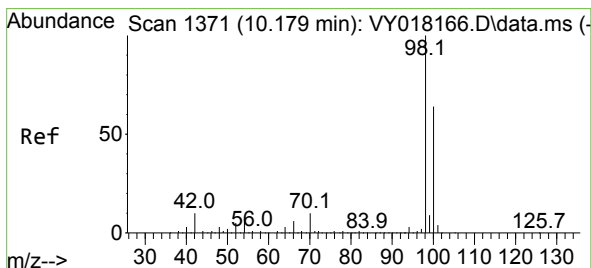
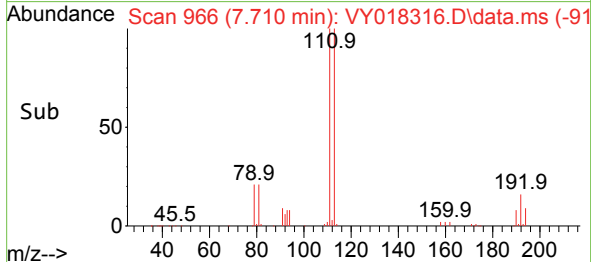
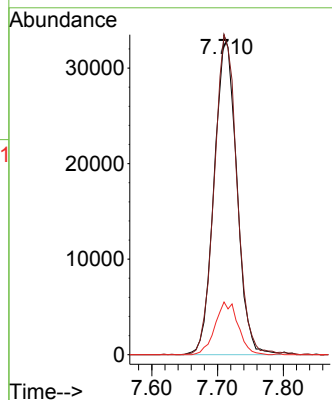
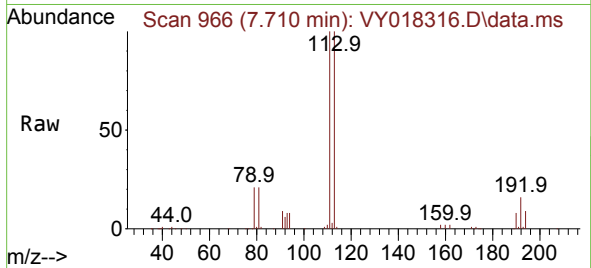




#35
 Dibromofluoromethane
 Concen: 57.039 ug/l
 RT: 7.710 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY018316.D
 Acq: 17 May 2024 18:21

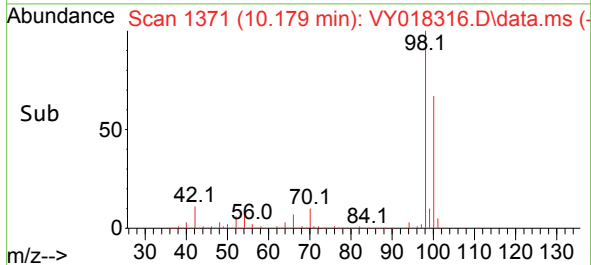
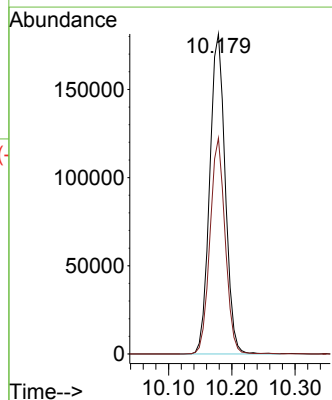
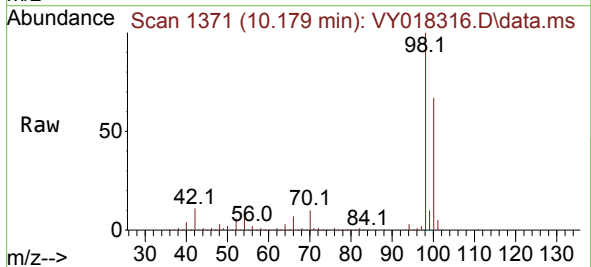
Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TPK

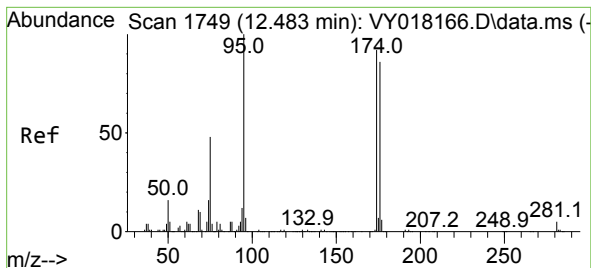
Tgt Ion:113	Resp:	79380	
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.2	123.4
192	17.0	15.9	23.9



#50
 Toluene-d8
 Concen: 56.327 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. 0.000 min
 Lab File: VY018316.D
 Acq: 17 May 2024 18:21

Tgt Ion: 98	Resp: 308902
Ion Ratio	Lower Upper
98 100	
100 66.0	52.0 78.0





#62

4-Bromofluorobenzene

Concen: 52.806 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY018316.D

Acq: 17 May 2024 18:21

Instrument :

MSVOA_Y

ClientSampleId :

WCS-TPK

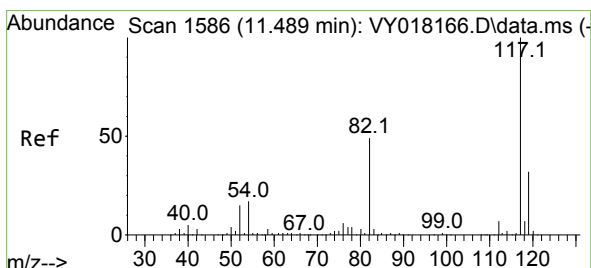
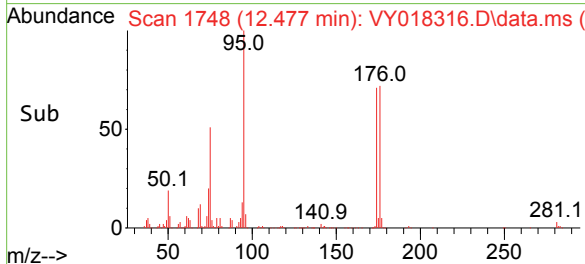
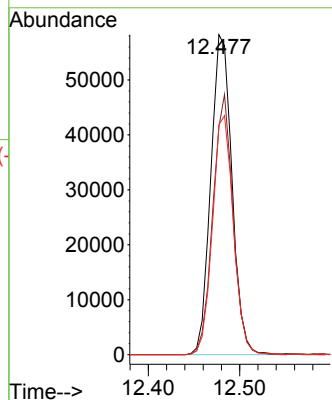
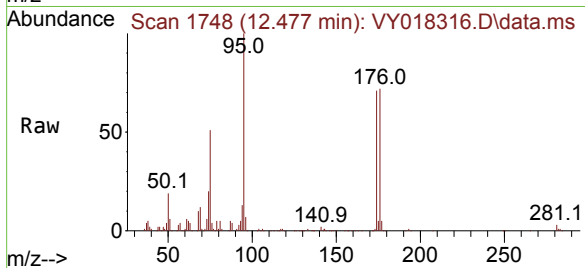
Tgt Ion: 95 Resp: 93520

Ion Ratio Lower Upper

95 100

174 77.5 0.0 175.6

176 73.8 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY018316.D

Acq: 17 May 2024 18:21

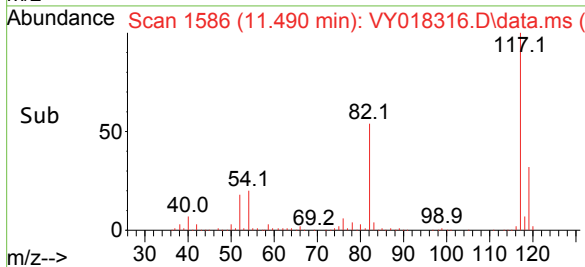
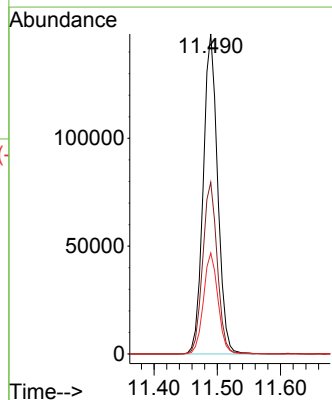
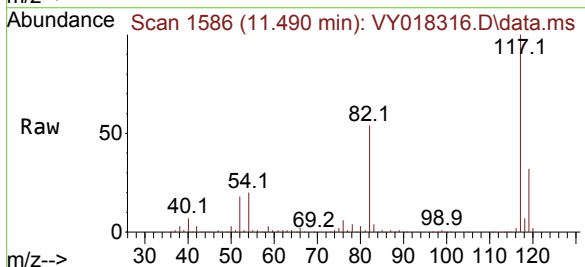
Tgt Ion: 117 Resp: 236469

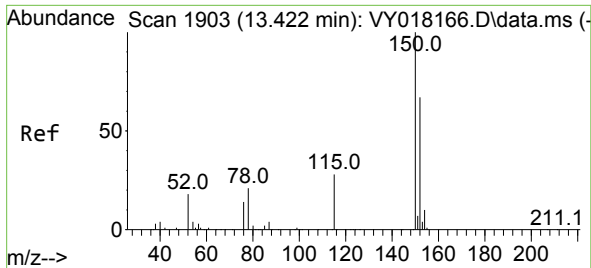
Ion Ratio Lower Upper

117 100

82 53.6 42.4 63.6

119 31.5 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY018316.D
 Acq: 17 May 2024 18:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TPK

Tgt Ion:152 Resp: 86556
 Ion Ratio Lower Upper
 152 100
 115 61.3 28.2 84.7
 150 158.9 0.0 345.6

