

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009038.D
 Acq On : 24 May 2022 04:21
 Operator : KP/MD
 Sample : N2948-21
 Misc : 3.19g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P036-SS002-0006-01

Quant Time: May 24 07:48:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

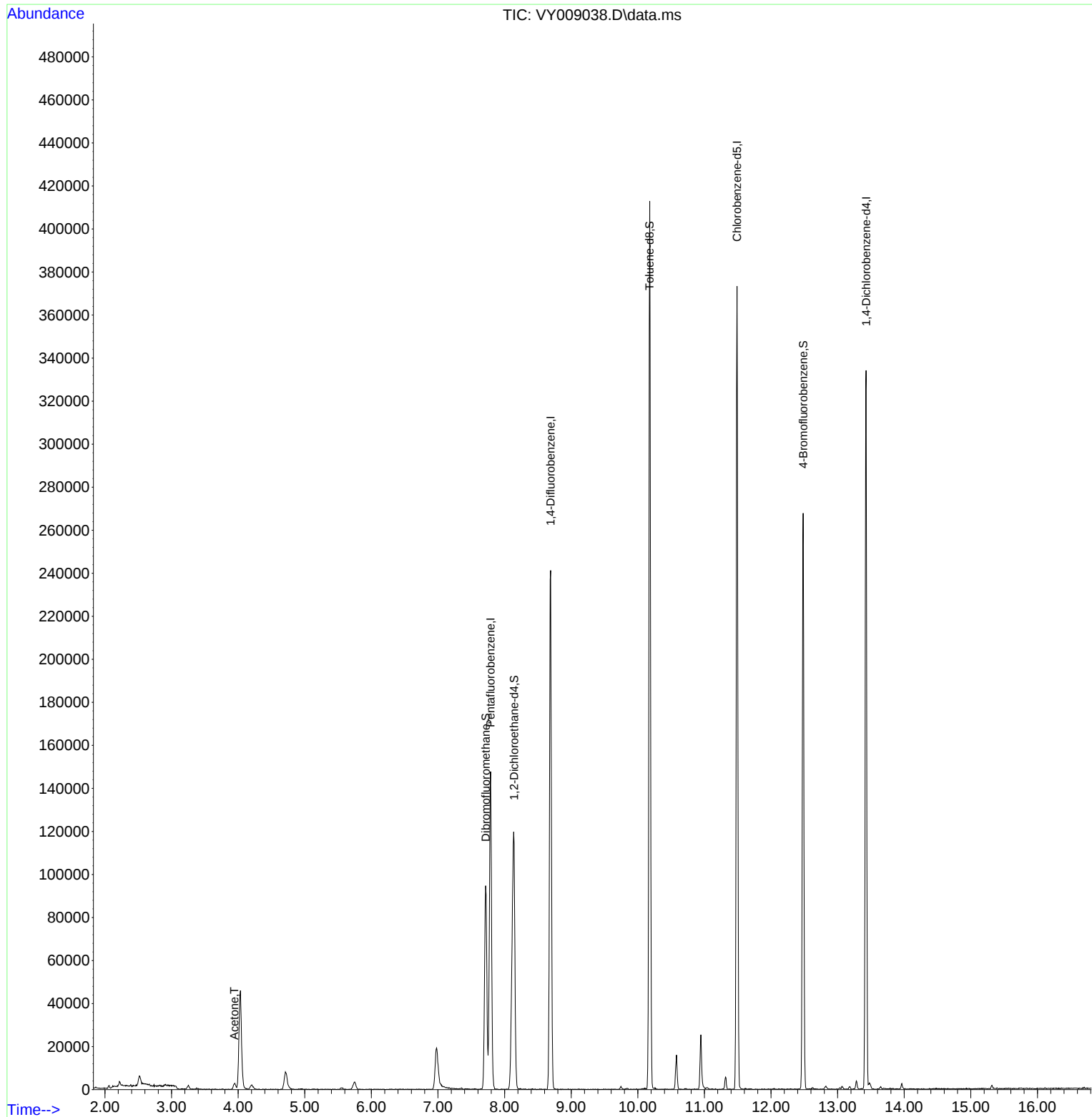
Internal Standards						
1) Pentafluorobenzene	7.789	168	110746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	203594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	192200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79928	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	72031	63.197	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.400%	
35) Dibromofluoromethane	7.716	113	66119	52.225	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.460%	
50) Toluene-d8	10.179	98	255699	54.747	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.500%	
62) 4-Bromofluorobenzene	12.483	95	70753	37.553	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 75.100%	
Target Compounds						
16) Acetone	3.942	43	4878	20.560	ug/l	Qvalue 93

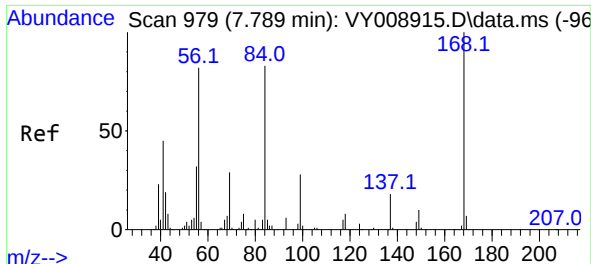
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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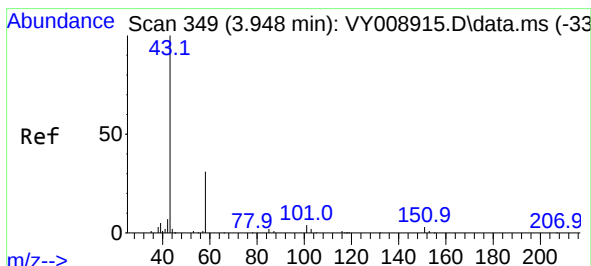
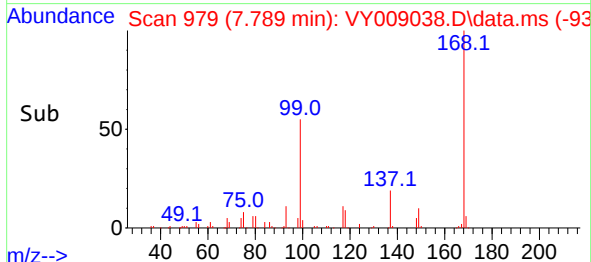
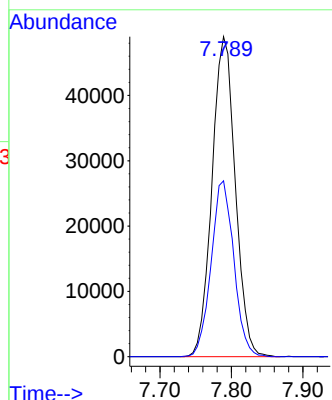
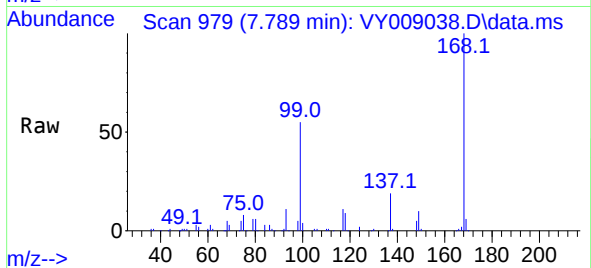




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009038.D
Acq: 24 May 2022 04:21

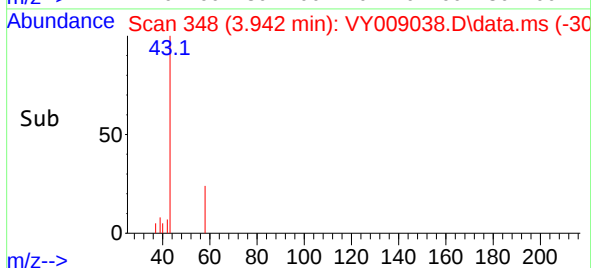
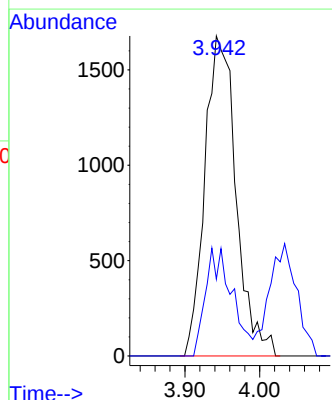
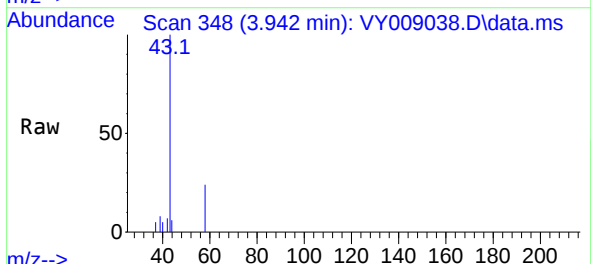
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS002-0006-01

Tgt Ion:168 Resp: 110746
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#16
Acetone
Concen: 20.560 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY009038.D
Acq: 24 May 2022 04:21

Tgt Ion: 43 Resp: 4878
Ion Ratio Lower Upper
43 100
58 24.0 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 63.197 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY009038.D

Acq: 24 May 2022 04:21

Instrument :

MSVOA_Y

ClientSampleId :

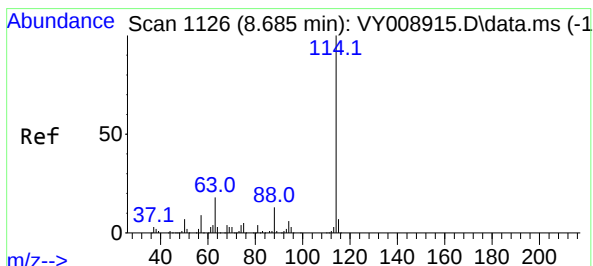
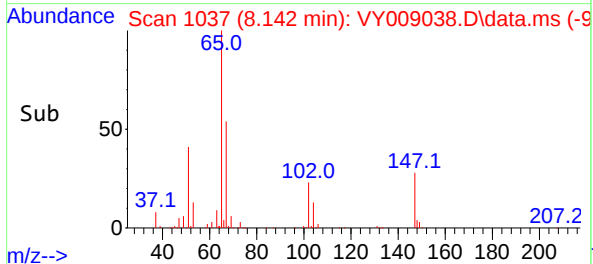
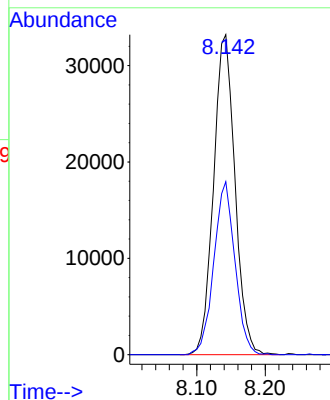
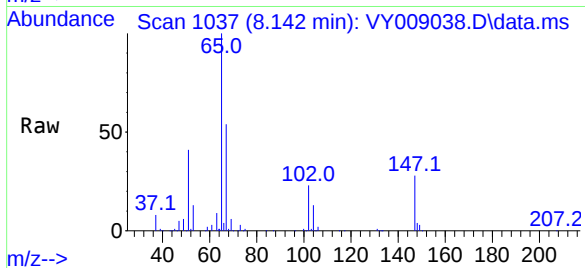
P036-SS002-0006-01

Tgt Ion: 65 Resp: 72031

Ion Ratio Lower Upper

65 100

67 53.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY009038.D

Acq: 24 May 2022 04:21

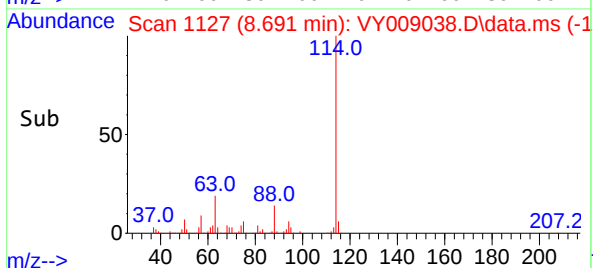
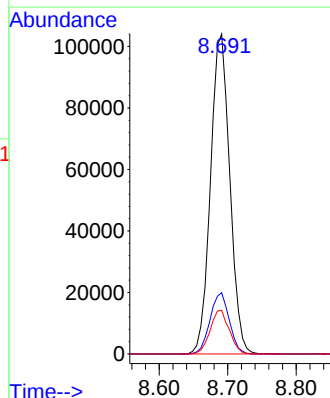
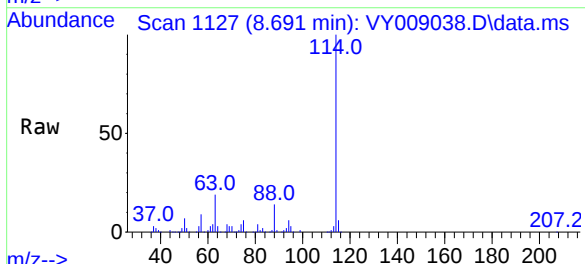
Tgt Ion: 114 Resp: 203594

Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 13.7 0.0 31.8

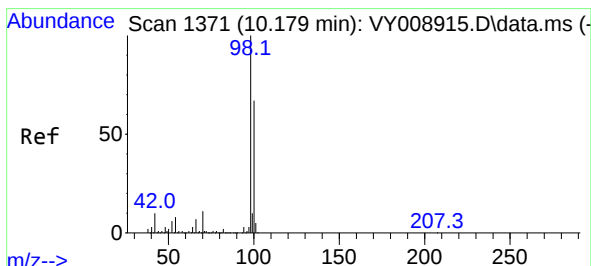
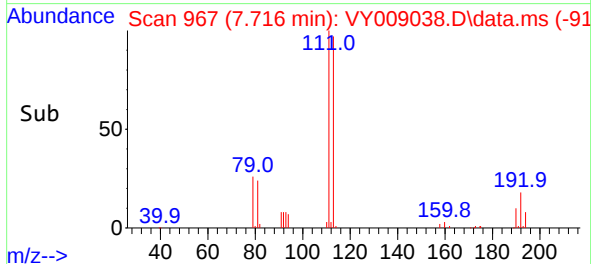
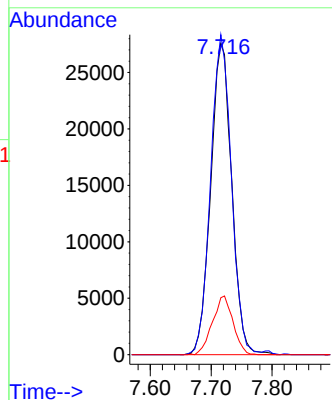
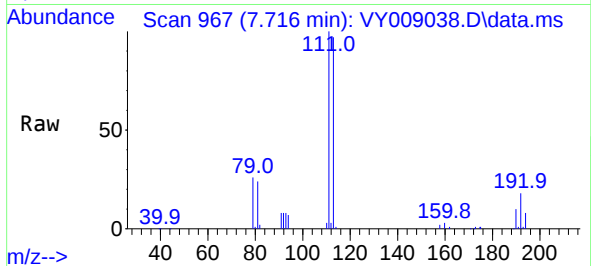




#35
Dibromofluoromethane
Concen: 52.225 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009038.D
Acq: 24 May 2022 04:21

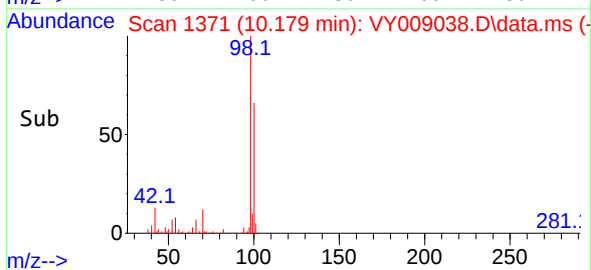
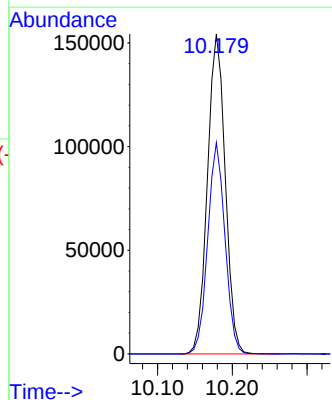
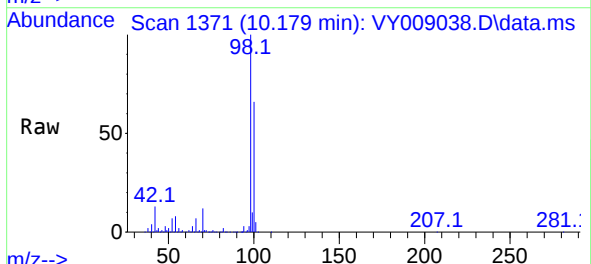
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS002-0006-01

Tgt Ion:113 Resp: 66119
Ion Ratio Lower Upper
113 100
111 101.5 82.6 124.0
192 18.5 17.6 26.4



#50
Toluene-d8
Concen: 54.747 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009038.D
Acq: 24 May 2022 04:21

Tgt Ion: 98 Resp: 255699
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2

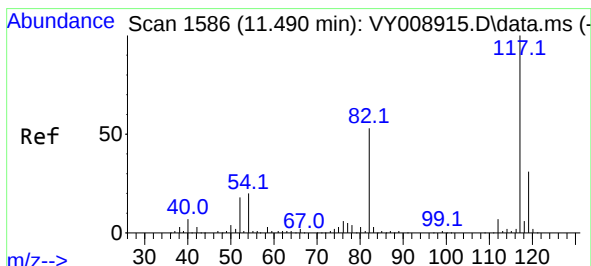
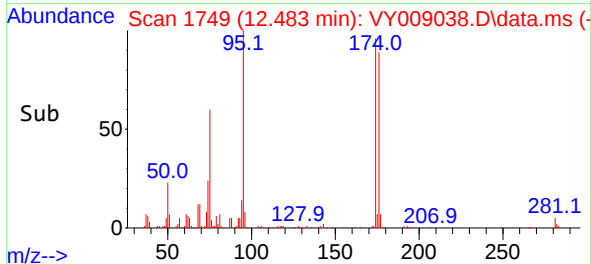
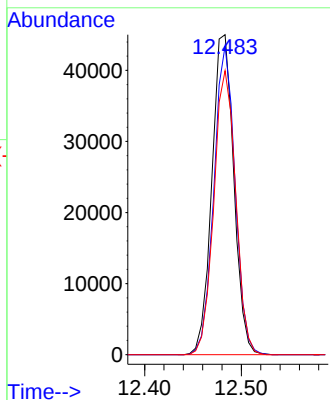
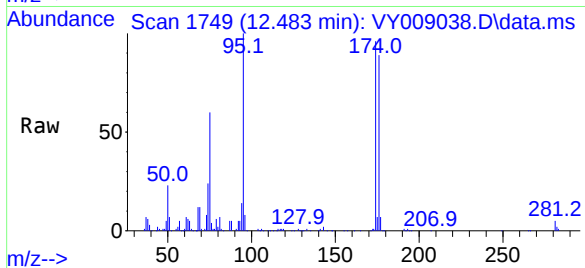




#62
4-Bromofluorobenzene
Concen: 37.553 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009038.D
Acq: 24 May 2022 04:21

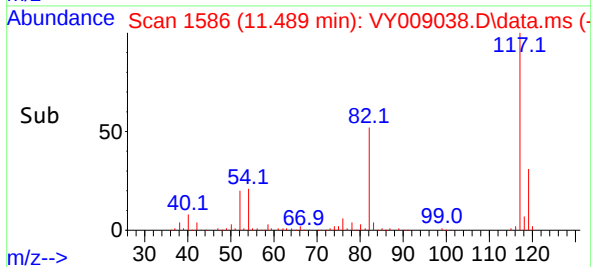
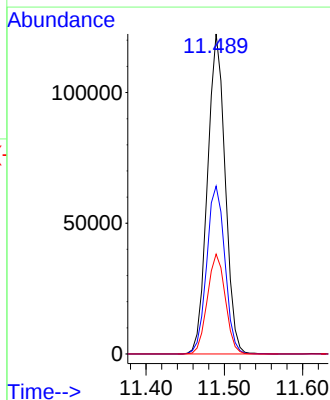
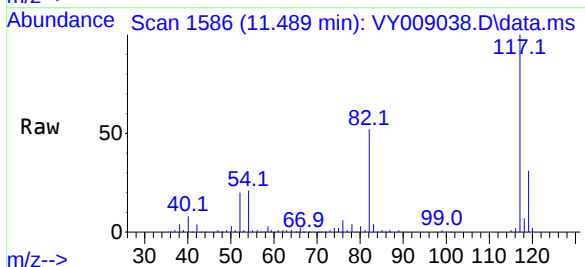
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS002-0006-01

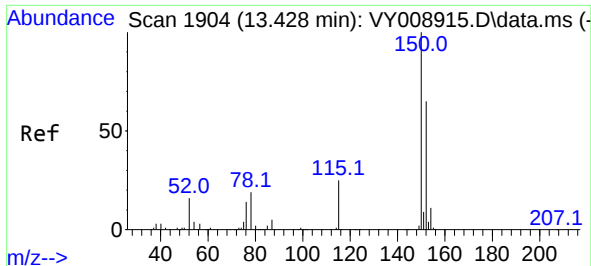
Tgt Ion: 95 Resp: 70753
Ion Ratio Lower Upper
95 100
174 93.1 0.0 177.0
176 88.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009038.D
Acq: 24 May 2022 04:21

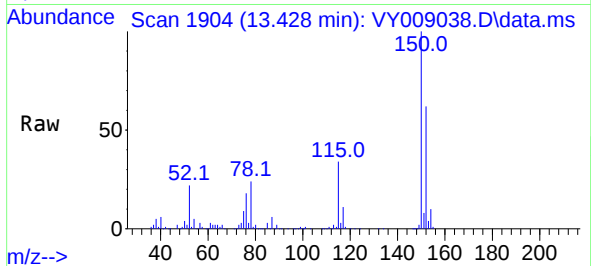
Tgt Ion: 117 Resp: 192200
Ion Ratio Lower Upper
117 100
82 52.4 43.0 64.4
119 31.2 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY009038.D
 Acq: 24 May 2022 04:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 P036-SS002-0006-01



Tgt Ion:	152	Resp:	79928
Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.2	84.7
150	159.7	0.0	347.6

