

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052422\
 Data File : VY009076.D
 Acq On : 24 May 2022 20:47
 Operator : KP/MD
 Sample : N2981-09
 Misc : 2.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11(0.5-1)

Quant Time: May 25 02:57:27 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)

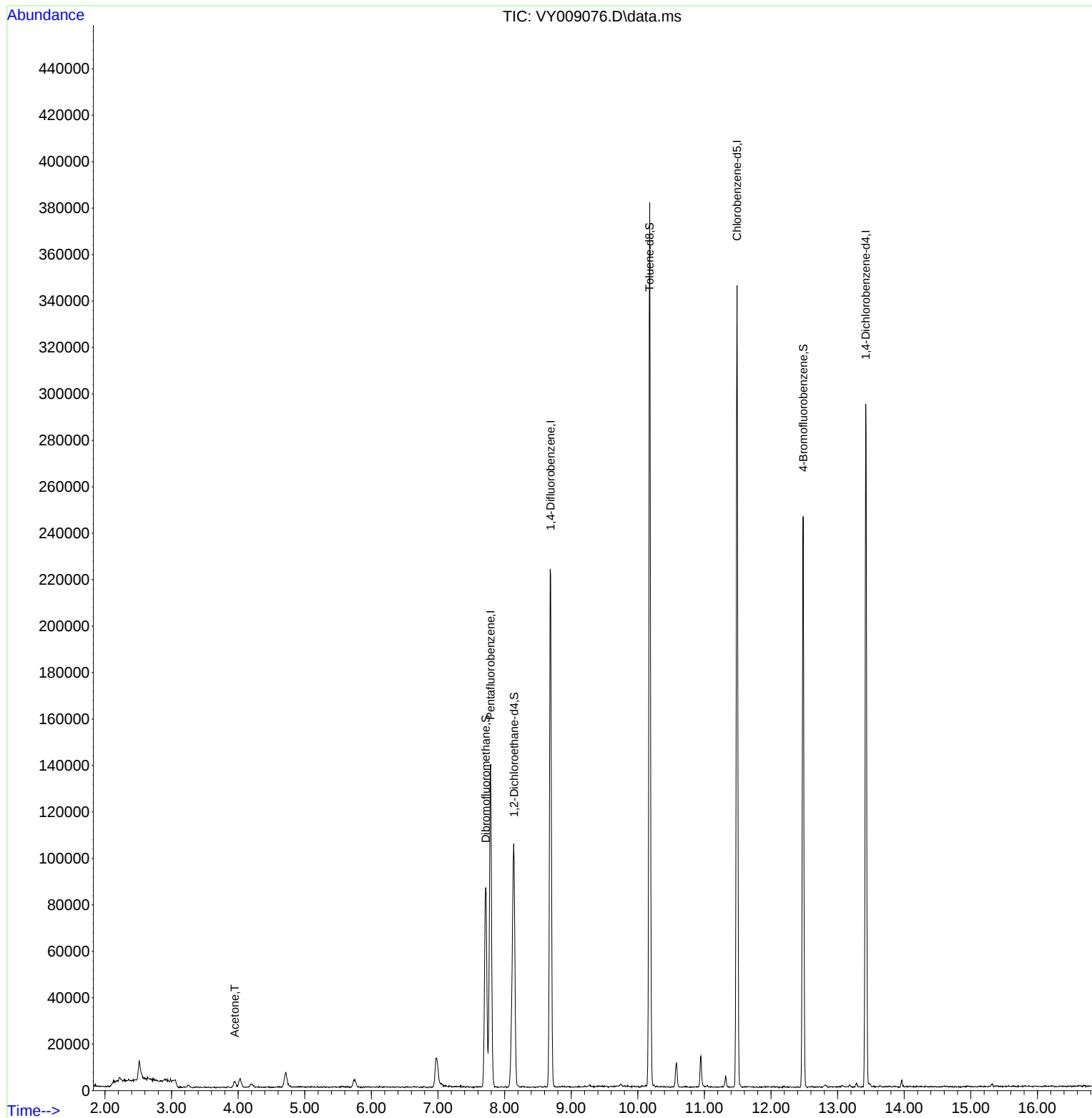
Internal Standards						
1) Pentafluorobenzene	7.789	168	104593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	189743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	174329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	71516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	66468	61.747	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.500%
35) Dibromofluoromethane	7.716	113	60801	51.531	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.060%
50) Toluene-d8	10.179	98	232537	53.422	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.840%
62) 4-Bromofluorobenzene	12.483	95	64289	36.613	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.220%
Target Compounds						
16) Acetone	3.948	43	4505	20.105	ug/l	Qvalue 95

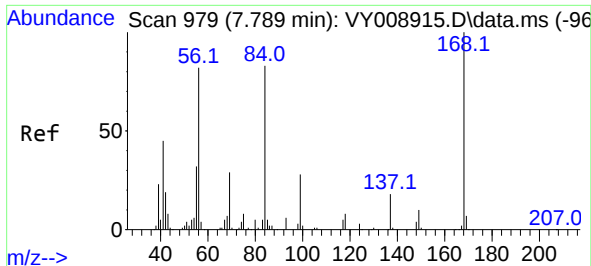
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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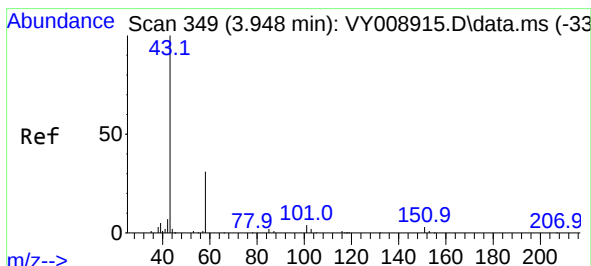
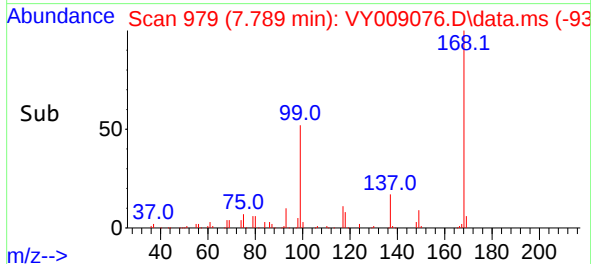
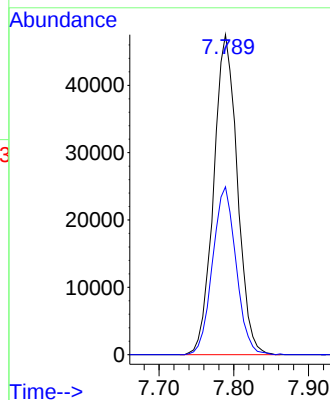
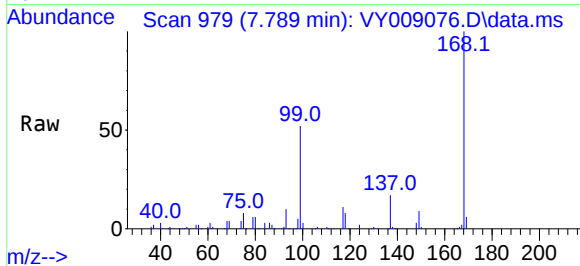




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009076.D
Acq: 24 May 2022 20:47

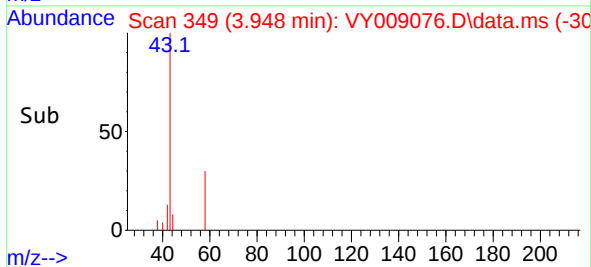
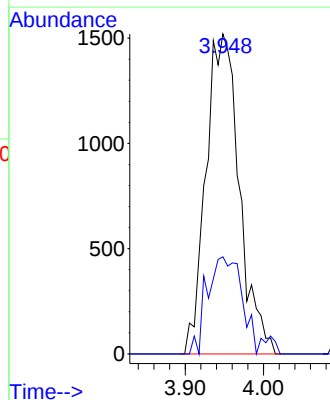
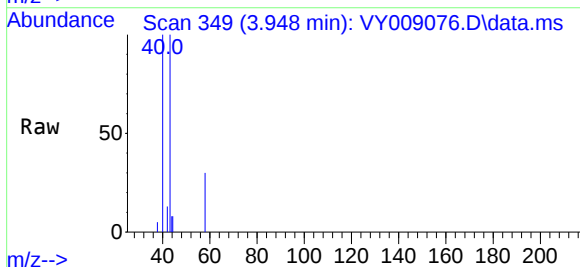
Instrument :
MSVOA_Y
ClientSampleId :
SB-11(0.5-1)

Tgt Ion:168 Resp: 104593
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#16
Acetone
Concen: 20.105 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY009076.D
Acq: 24 May 2022 20:47

Tgt Ion: 43 Resp: 4505
Ion Ratio Lower Upper
43 100
58 30.3 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 61.747 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY009076.D

Acq: 24 May 2022 20:47

Instrument :

MSVOA_Y

ClientSampleId :

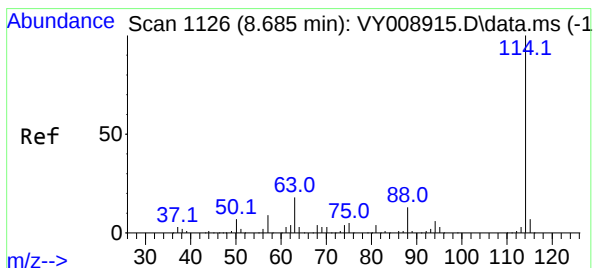
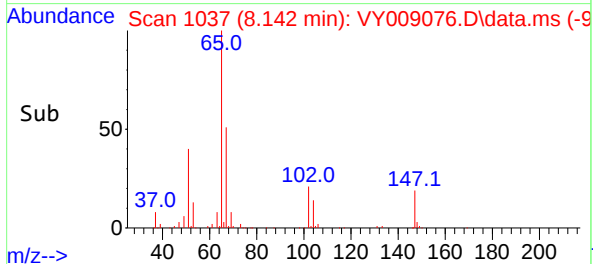
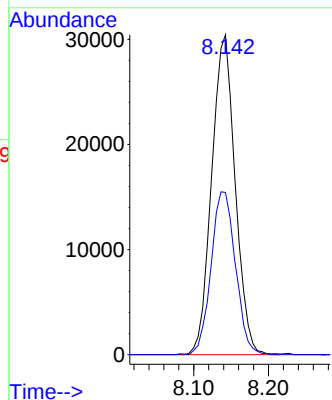
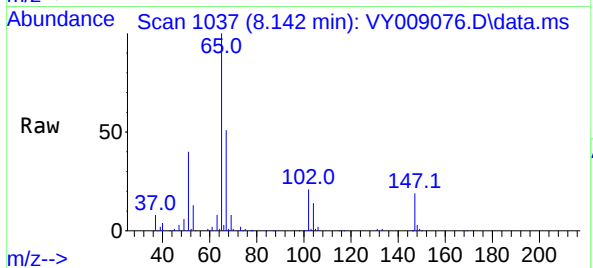
SB-11(0.5-1)

Tgt Ion: 65 Resp: 66468

Ion Ratio Lower Upper

65 100

67 52.8 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: VY009076.D

Acq: 24 May 2022 20:47

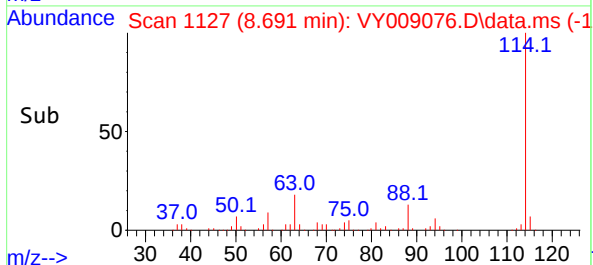
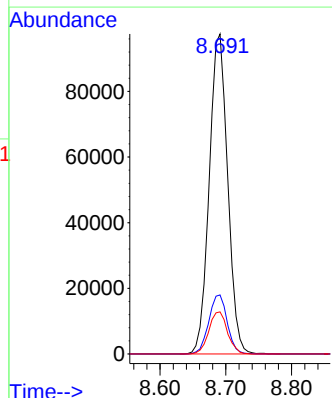
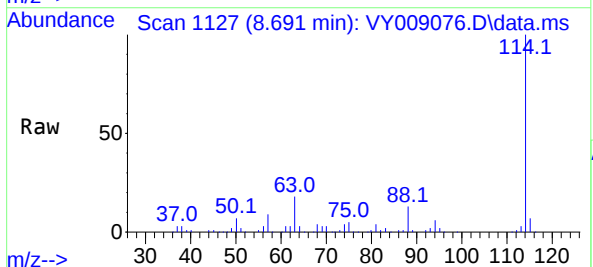
Tgt Ion: 114 Resp: 189743

Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 13.1 0.0 31.8

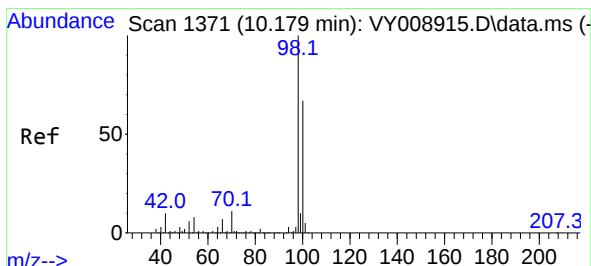
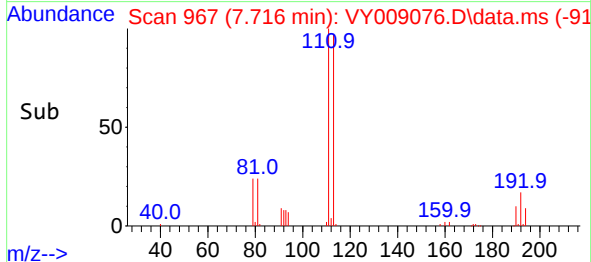
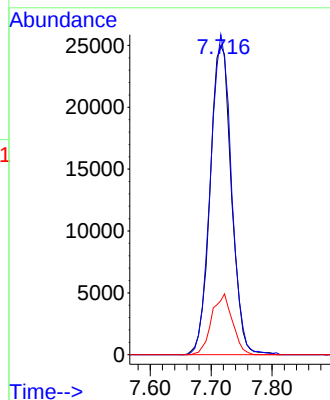
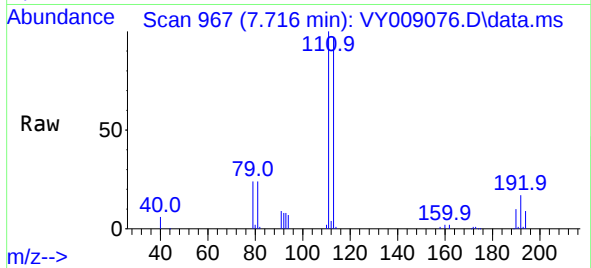




#35
Dibromofluoromethane
Concen: 51.531 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009076.D
Acq: 24 May 2022 20:47

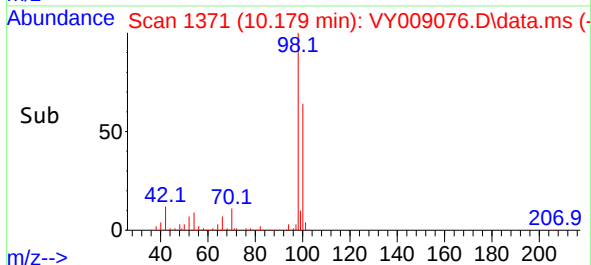
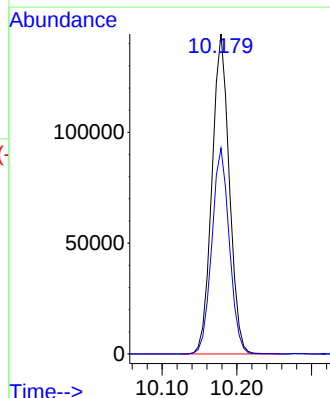
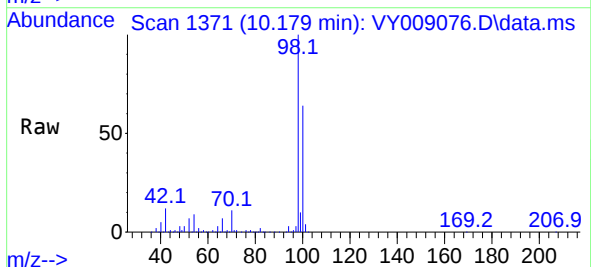
Instrument :
MSVOA_Y
ClientSampleId :
SB-11(0.5-1)

Tgt Ion:113 Resp: 60801
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 19.1 17.6 26.4



#50
Toluene-d8
Concen: 53.422 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009076.D
Acq: 24 May 2022 20:47

Tgt Ion: 98 Resp: 232537
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

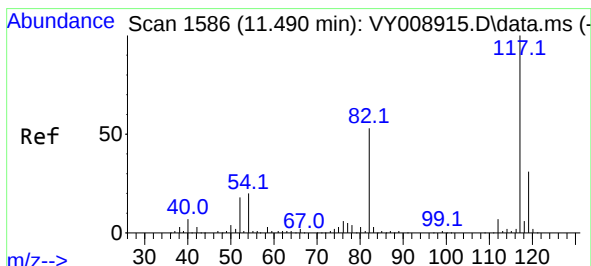
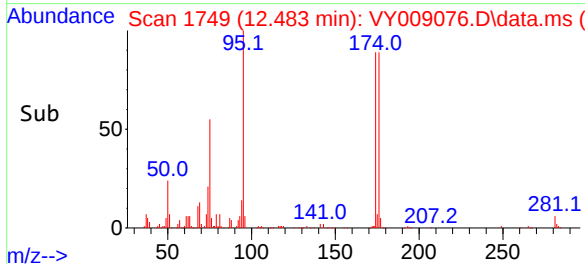
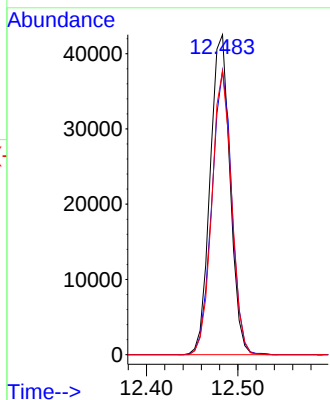
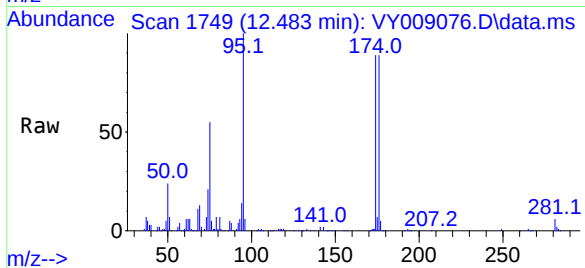




#62
4-Bromofluorobenzene
Concen: 36.613 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009076.D
Acq: 24 May 2022 20:47

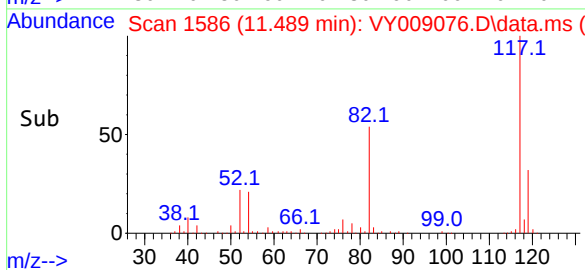
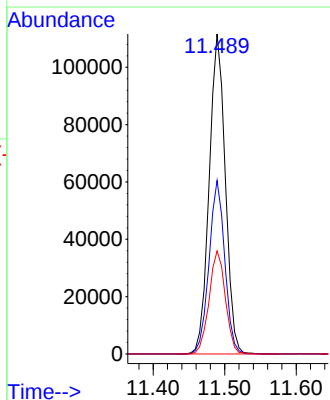
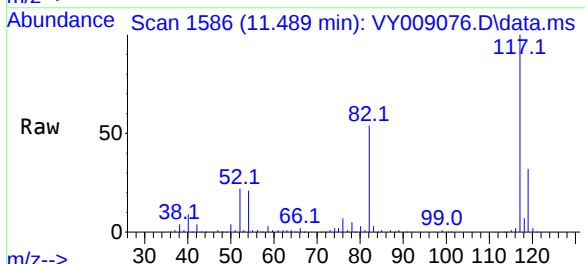
Instrument :
MSVOA_Y
ClientSampleId :
SB-11(0.5-1)

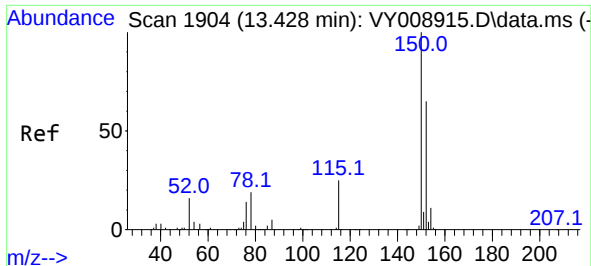
Tgt Ion: 95 Resp: 64289
Ion Ratio Lower Upper
95 100
174 88.8 0.0 177.0
176 87.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009076.D
Acq: 24 May 2022 20:47

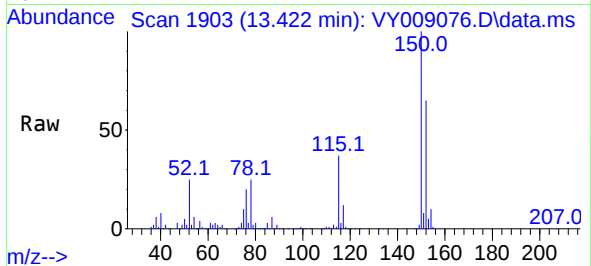
Tgt Ion: 117 Resp: 174329
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 32.2 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY009076.D
 Acq: 24 May 2022 20:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11(0.5-1)



Tgt Ion:152 Resp: 71516

Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.2	84.7
150	155.5	0.0	347.6

