

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041822\
 Data File : VY008377.D
 Acq On : 18 Apr 2022 16:43
 Operator : KP/MD
 Sample : N2427-03
 Misc : 4.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3

Quant Time: Apr 19 06:30:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	45659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	77942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	69022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	28817	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	23220	54.140	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.280%
35) Dibromofluoromethane	7.716	113	24017	53.350	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.700%
50) Toluene-d8	10.179	98	93330	60.587	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	121.180%
62) 4-Bromofluorobenzene	12.483	95	27533	47.521	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.040%

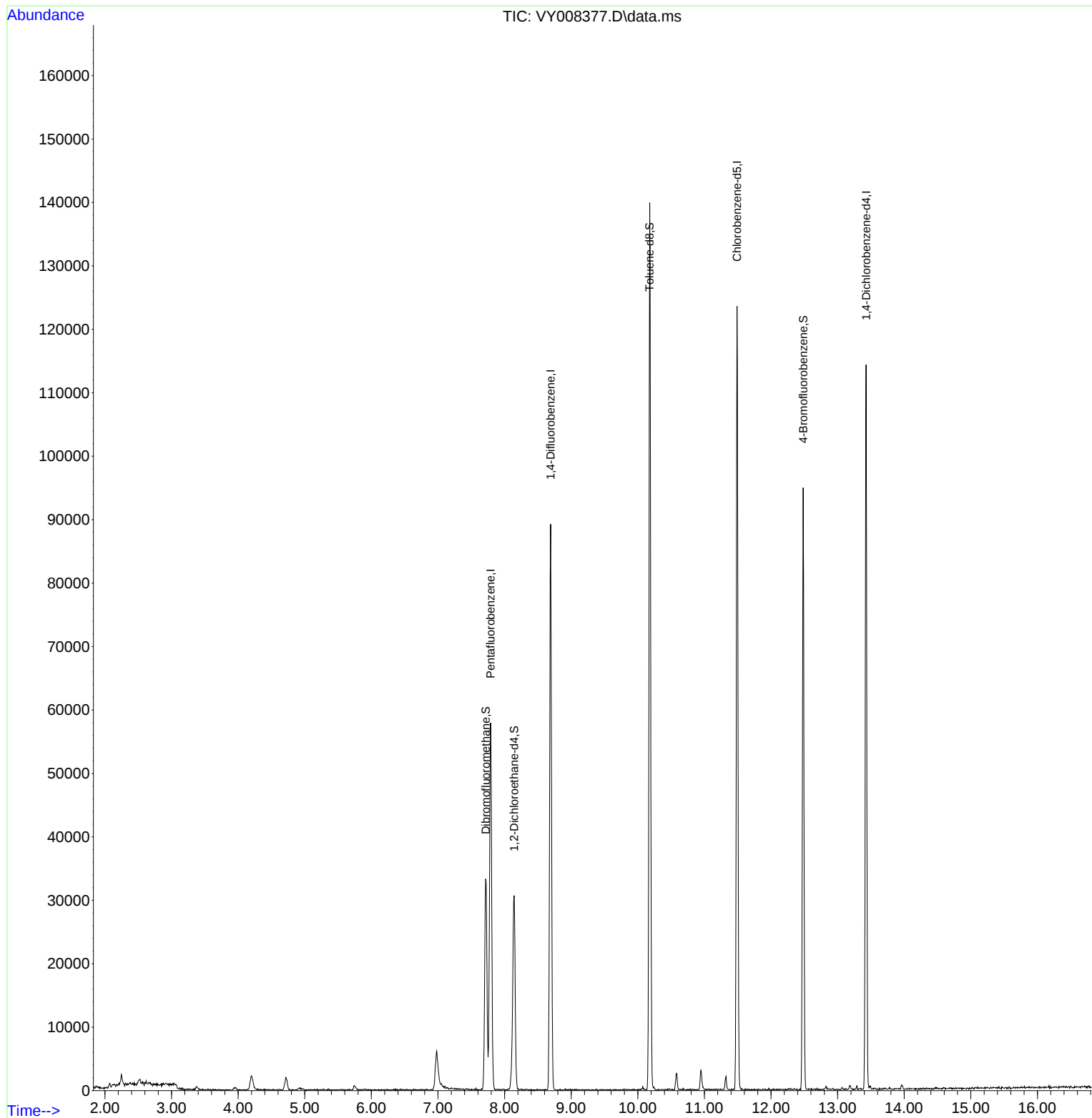
Target Compounds	Qvalue

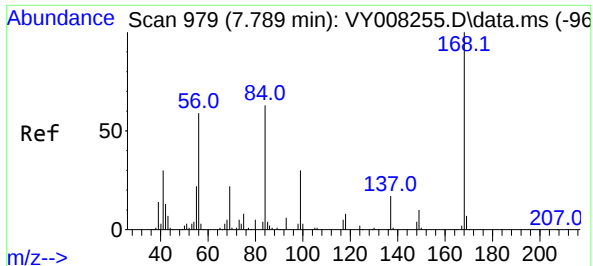
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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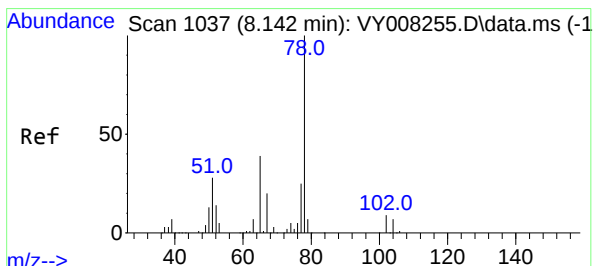
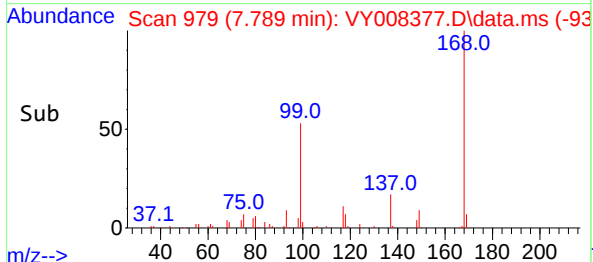
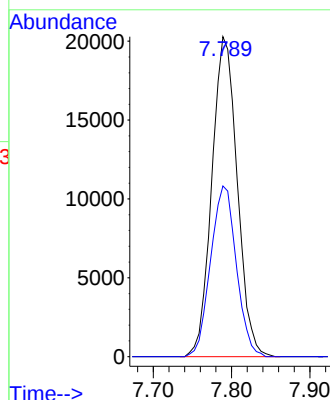
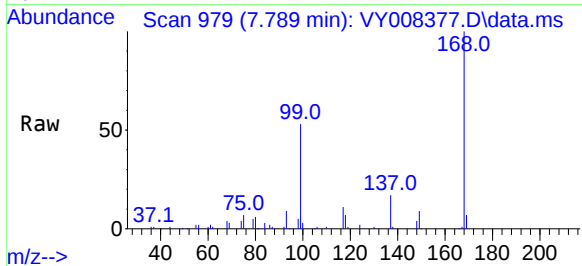




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008377.D
Acq: 18 Apr 2022 16:43

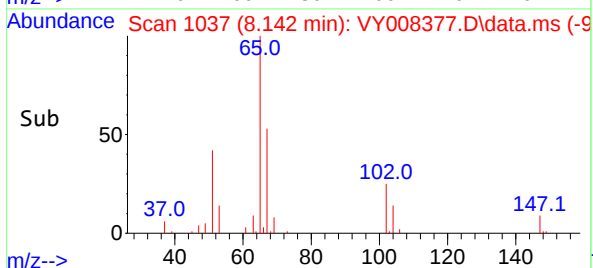
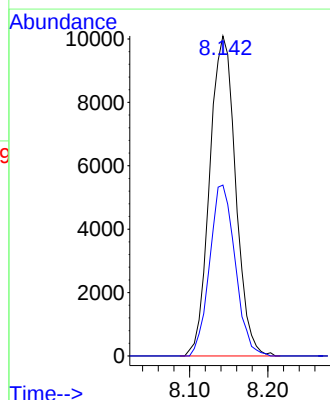
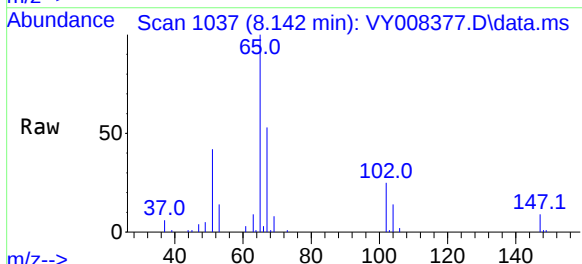
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

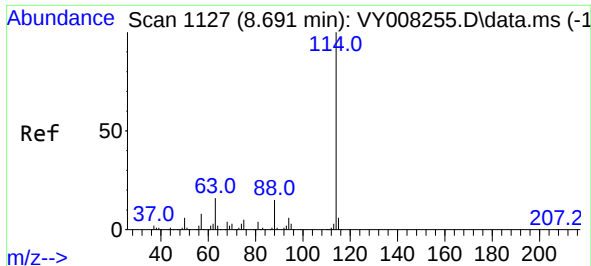
Tgt Ion:168 Resp: 45659
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.140 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008377.D
Acq: 18 Apr 2022 16:43

Tgt Ion: 65 Resp: 23220
Ion Ratio Lower Upper
65 100
67 52.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008377.D

Acq: 18 Apr 2022 16:43

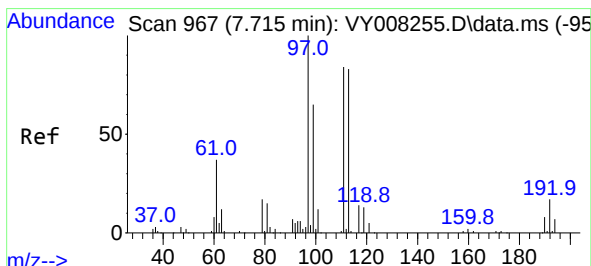
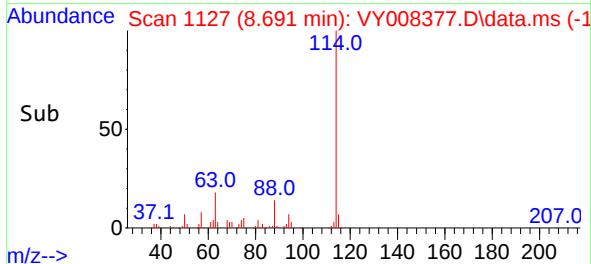
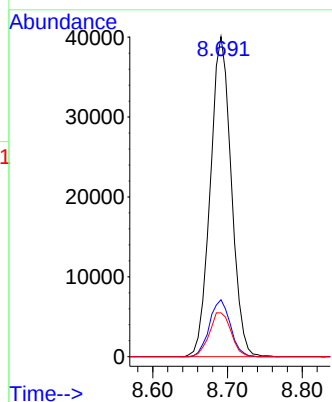
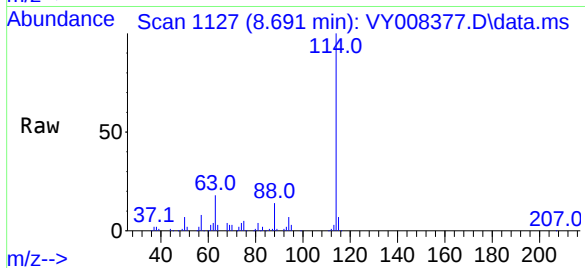
Instrument :

MSVOA_Y

ClientSampleId :

SB-3

Tgt Ion:	114	Resp:	77942
Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	43.2
88	13.7	0.0	31.8



#35

Dibromofluoromethane

Concen: 53.350 ug/l

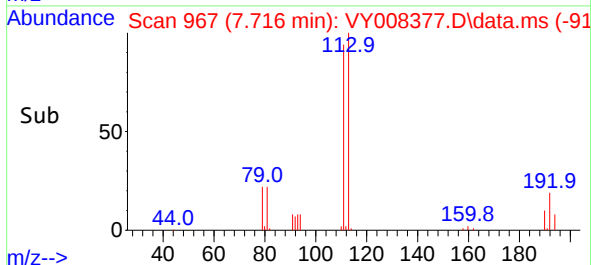
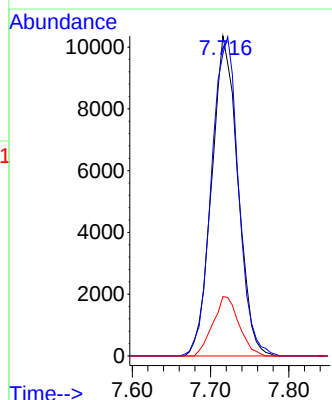
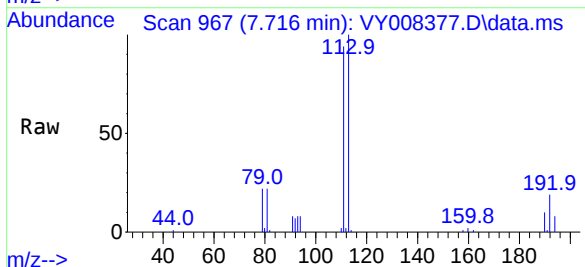
RT: 7.716 min Scan# 967

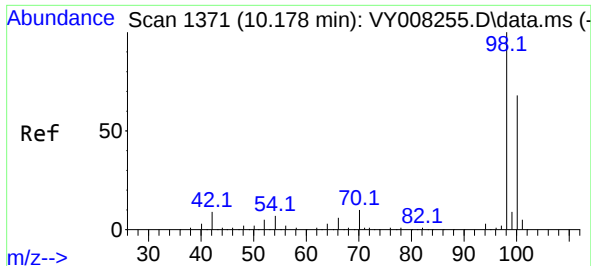
Delta R.T. 0.001 min

Lab File: VY008377.D

Acq: 18 Apr 2022 16:43

Tgt Ion:	113	Resp:	24017
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	124.0
192	18.5	17.6	26.4

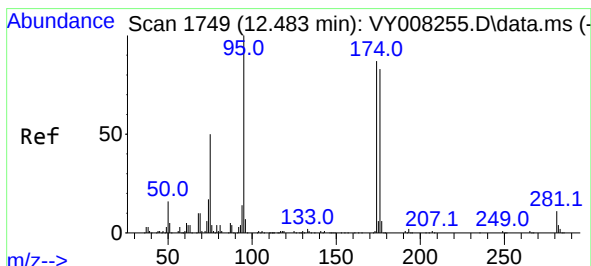
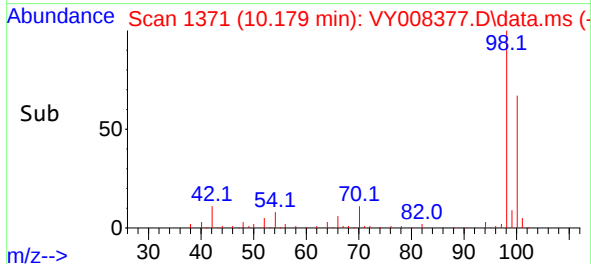
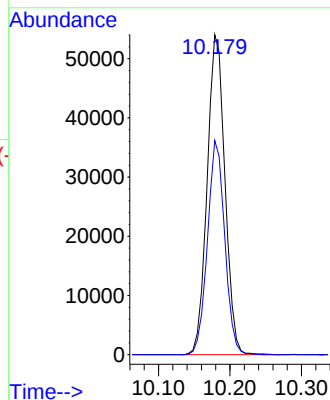
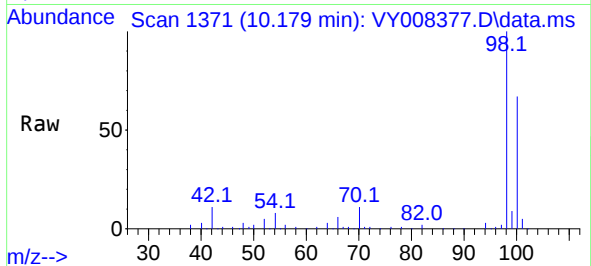




#50
Toluene-d8
Concen: 60.587 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008377.D
Acq: 18 Apr 2022 16:43

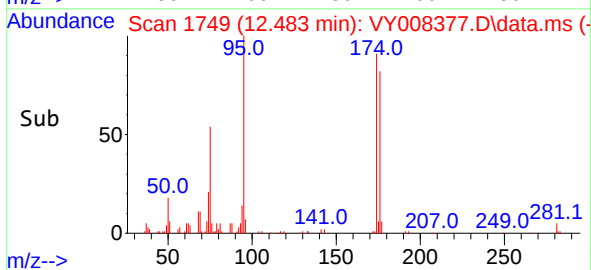
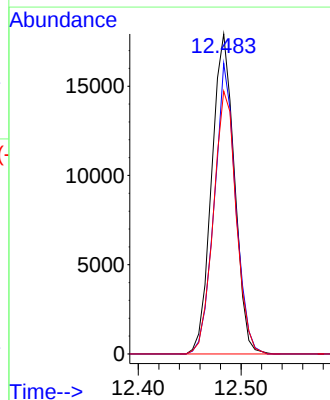
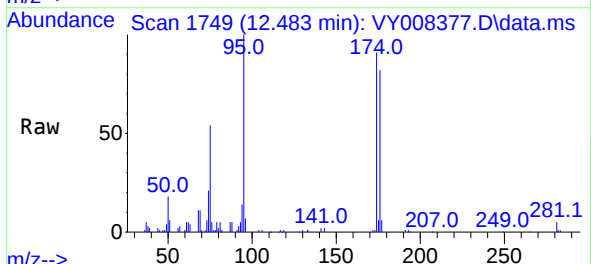
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

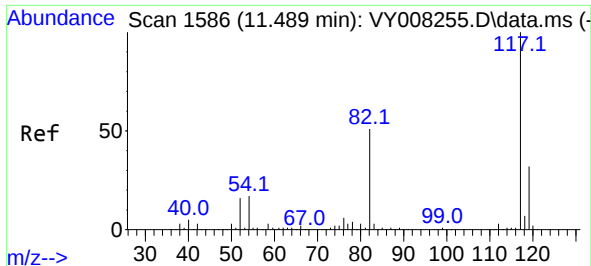
Tgt Ion: 98 Resp: 93330
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.521 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008377.D
Acq: 18 Apr 2022 16:43

Tgt Ion: 95 Resp: 27533
Ion Ratio Lower Upper
95 100
174 85.1 0.0 177.0
176 82.4 0.0 175.8

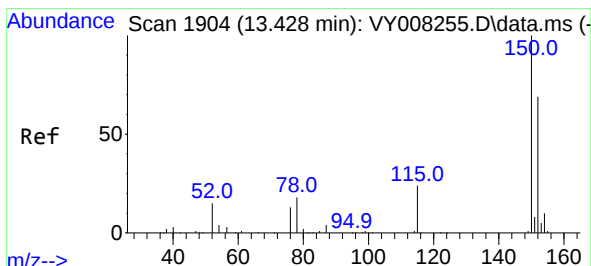
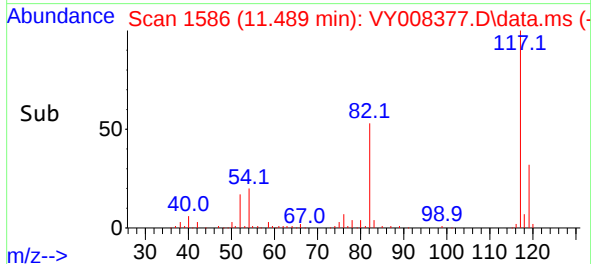
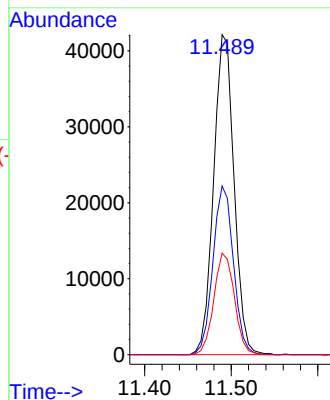
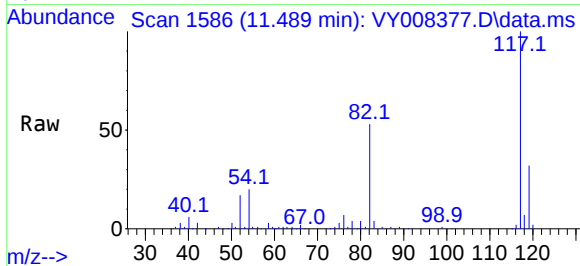




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008377.D
Acq: 18 Apr 2022 16:43

Instrument :
MSVOA_Y
ClientSampleId :
SB-3

Tgt Ion:117 Resp: 69022
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 31.7 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: VY008377.D
Acq: 18 Apr 2022 16:43

Tgt Ion:152 Resp: 28817
Ion Ratio Lower Upper
152 100
115 57.1 28.2 84.7
150 157.7 0.0 347.6

