

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008641.D
 Acq On : 05 May 2022 03:37
 Operator : KP/MD
 Sample : N2665-04
 Misc : 6.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8,16

Quant Time: May 05 04:43:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

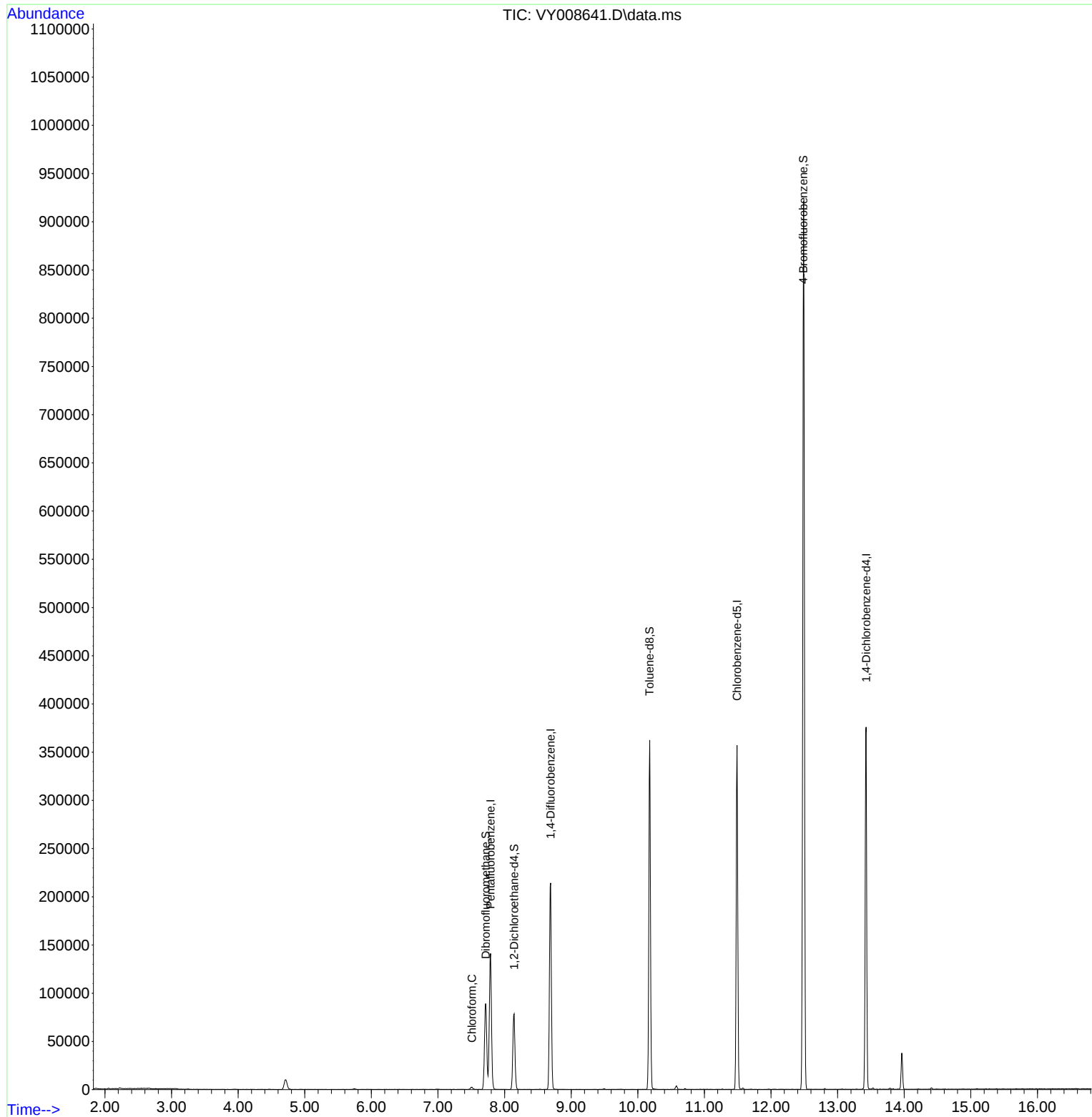
Internal Standards						
1) Pentafluorobenzene	7.789	168	118365	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	202925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	210875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	60625	52.698	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	105.400%	
35) Dibromofluoromethane	7.716	113	64363	47.934	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	95.860%	
50) Toluene-d8	10.179	98	244244	51.343	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	102.680%	
62) 4-Bromofluorobenzene	12.483	95	92399	52.993	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	105.980%	
Target Compounds						
					Qvalue	
30) Chloroform	7.509	83	2561	1.056	ug/l	94

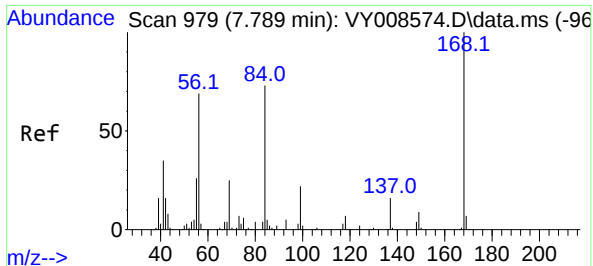
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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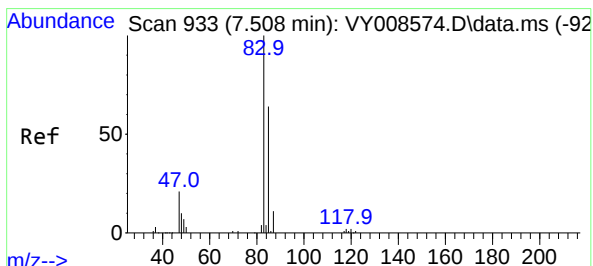
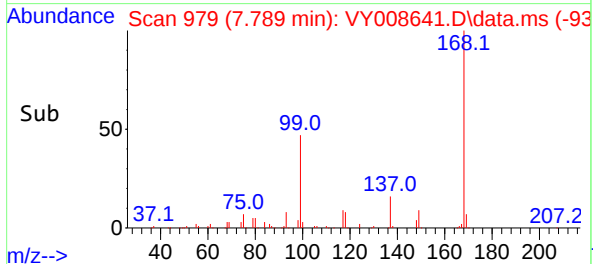
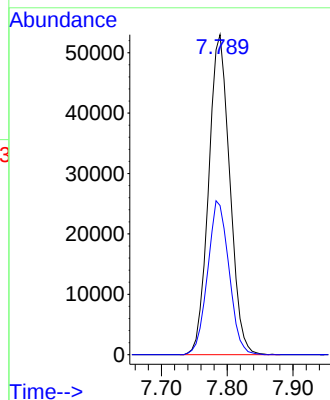
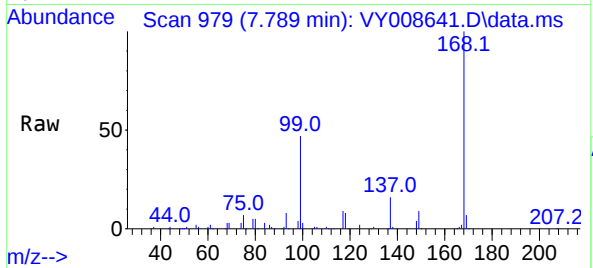




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008641.D
Acq: 05 May 2022 03:37

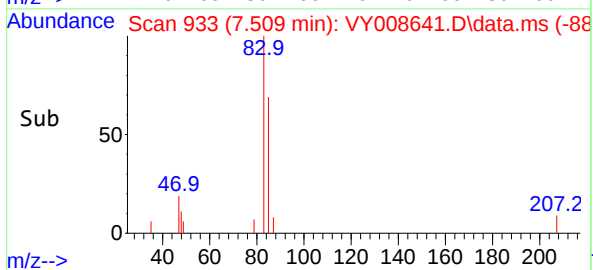
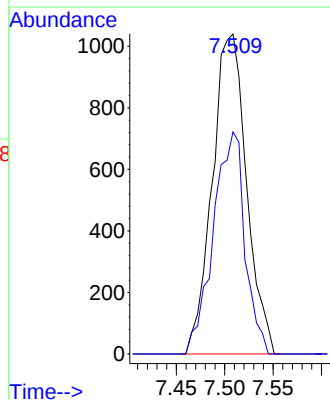
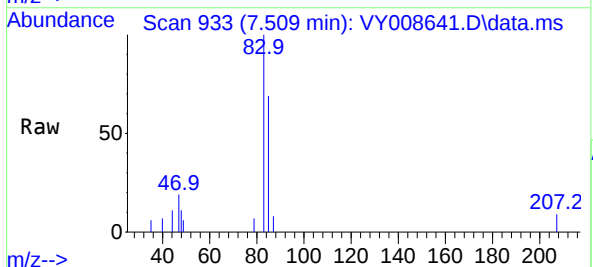
Instrument :
MSVOA_Y
ClientSampleId :
SB-8,16

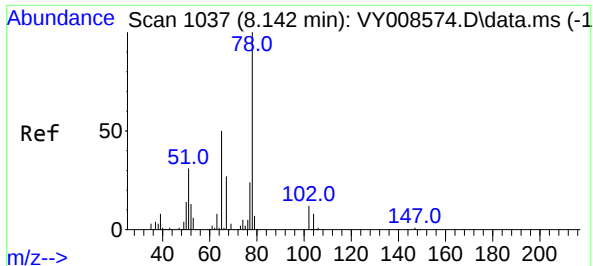
Tgt Ion:168 Resp: 118365
Ion Ratio Lower Upper
168 100
99 46.6 46.9 70.3#



#30
Chloroform
Concen: 1.056 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.000 min
Lab File: VY008641.D
Acq: 05 May 2022 03:37

Tgt Ion: 83 Resp: 2561
Ion Ratio Lower Upper
83 100
85 69.4 51.8 77.6





#33

1,2-Dichloroethane-d4

Concen: 52.698 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY008641.D

Acq: 05 May 2022 03:37

Instrument :

MSVOA_Y

ClientSampleId :

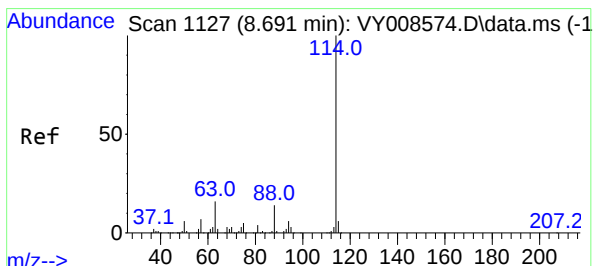
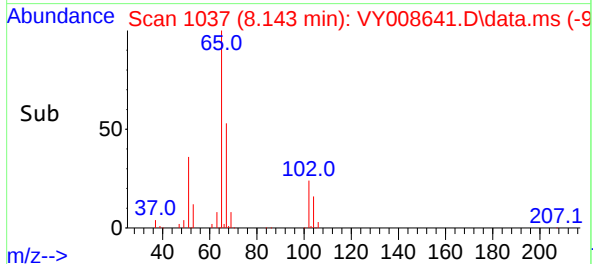
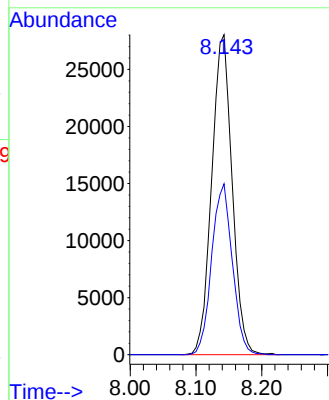
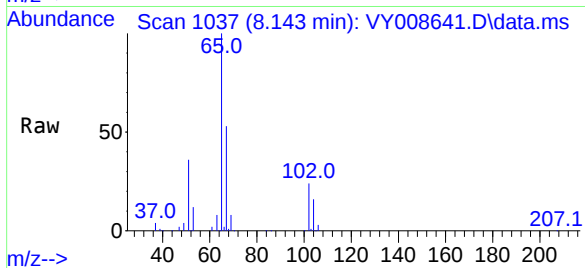
SB-8,16

Tgt Ion: 65 Resp: 60625

Ion Ratio Lower Upper

65 100

67 53.9 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: VY008641.D

Acq: 05 May 2022 03:37

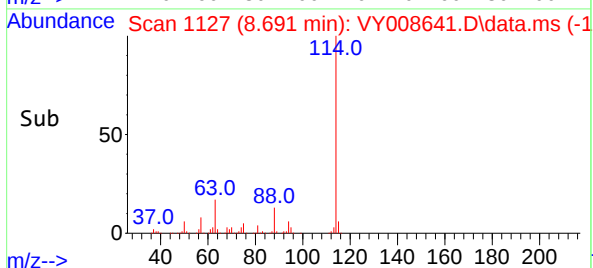
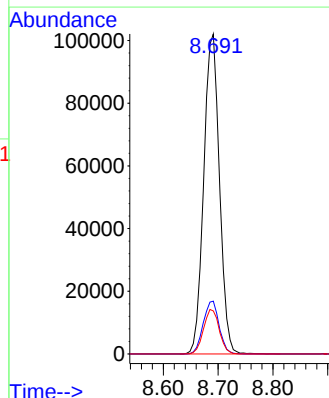
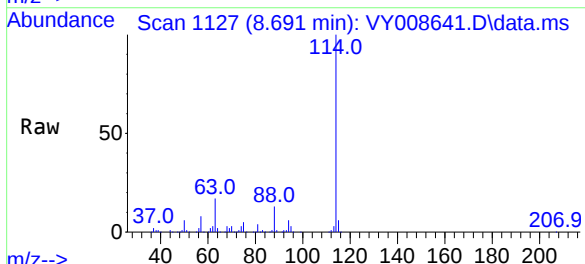
Tgt Ion: 114 Resp: 202925

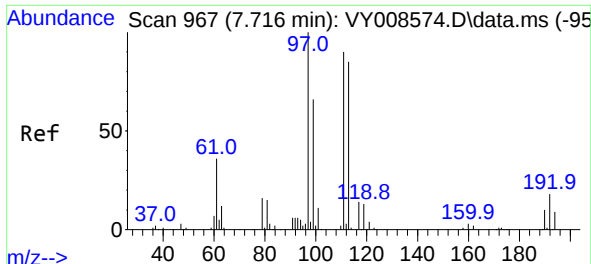
Ion Ratio Lower Upper

114 100

63 16.5 0.0 43.2

88 13.5 0.0 31.8



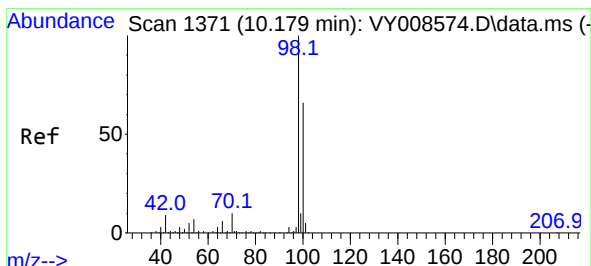
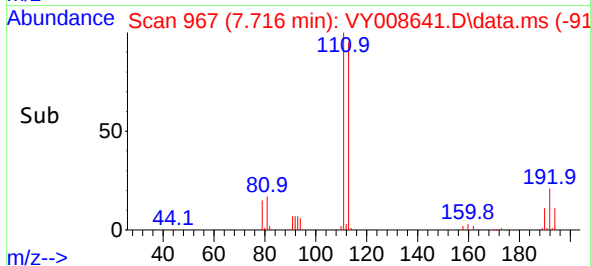
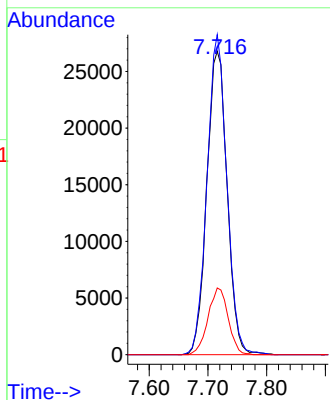
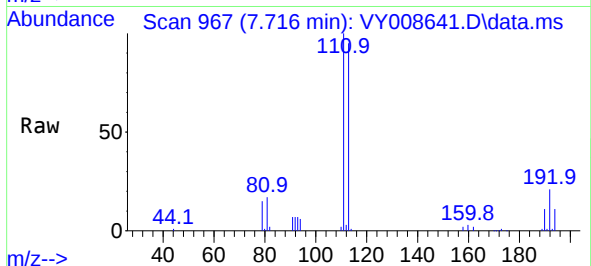


#35
 Dibromofluoromethane
 Concen: 47.934 ug/l
 RT: 7.716 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VY008641.D
 Acq: 05 May 2022 03:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8,16

Tgt Ion:113 Resp: 64363

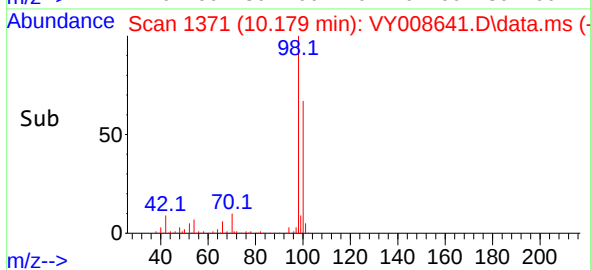
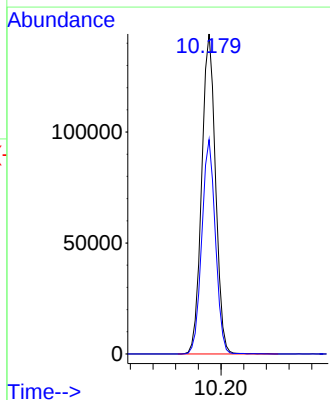
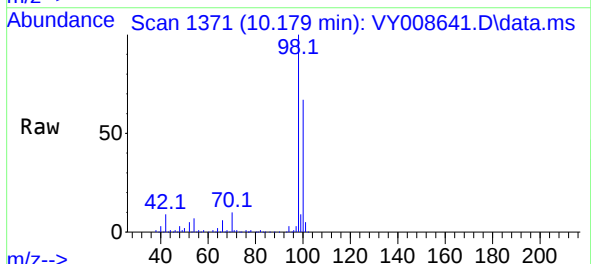
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	124.0
192	21.8	17.6	26.4

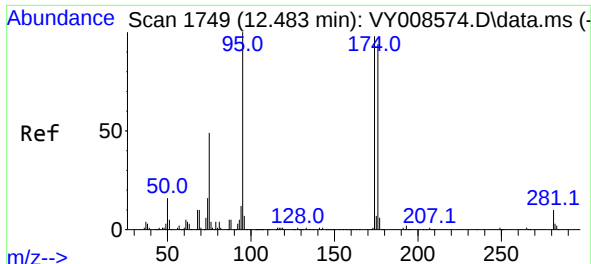


#50
 Toluene-d8
 Concen: 51.343 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. 0.000 min
 Lab File: VY008641.D
 Acq: 05 May 2022 03:37

Tgt Ion: 98 Resp: 244244

Ion	Ratio	Lower	Upper
98	100		
100	65.8	50.2	75.2

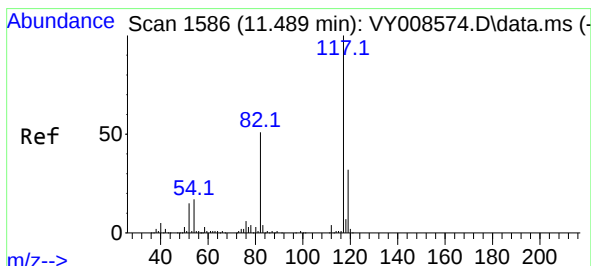
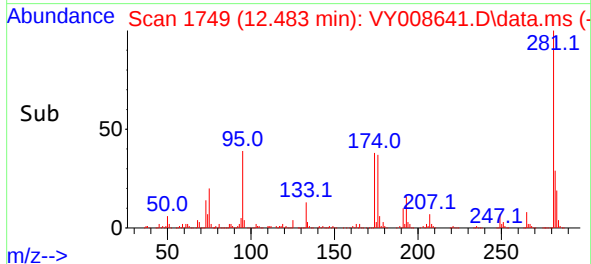
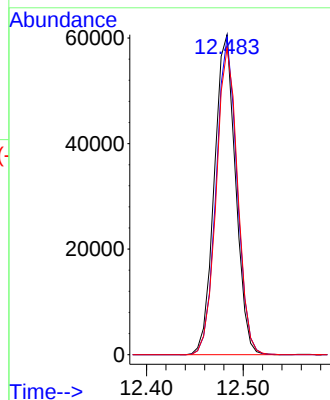
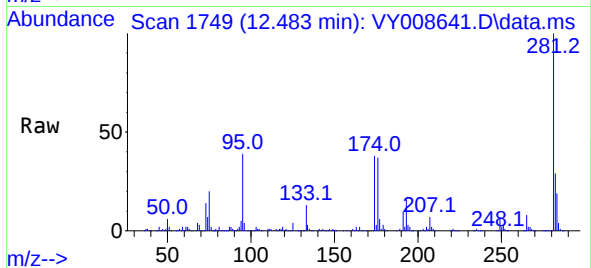




#62
4-Bromofluorobenzene
Concen: 52.993 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008641.D
Acq: 05 May 2022 03:37

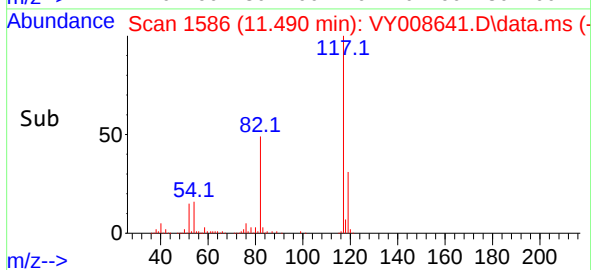
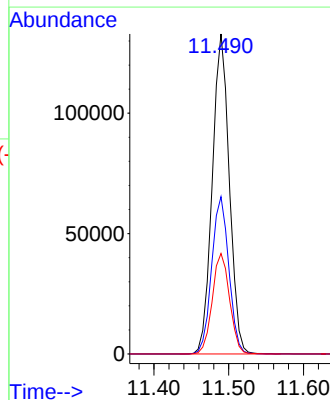
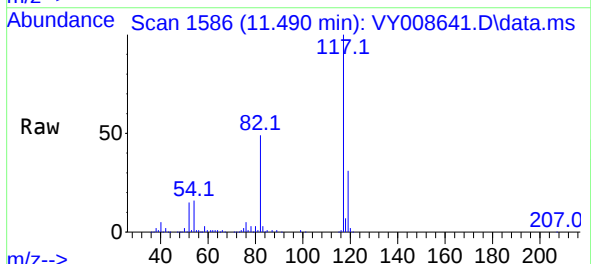
Instrument :
MSVOA_Y
ClientSampleId :
SB-8,16

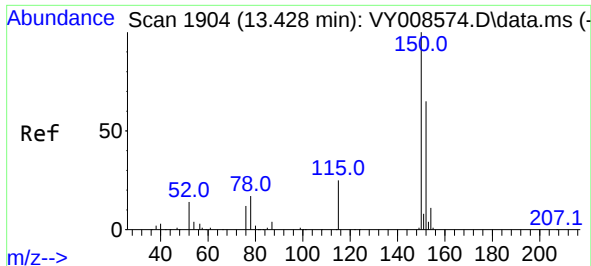
Tgt Ion: 95 Resp: 92399
Ion Ratio Lower Upper
95 100
174 97.0 0.0 177.0
176 96.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008641.D
Acq: 05 May 2022 03:37

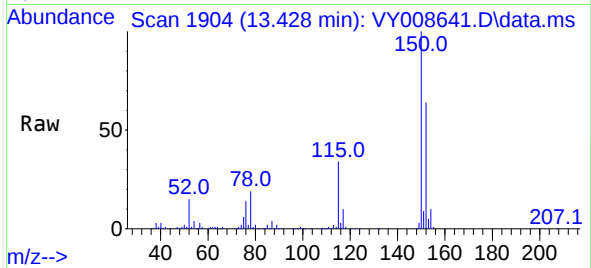
Tgt Ion:117 Resp: 210875
Ion Ratio Lower Upper
117 100
82 49.1 43.0 64.4
119 31.4 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008641.D
 Acq: 05 May 2022 03:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8,16



Tgt Ion:152 Resp: 105926

Ion	Ratio	Lower	Upper
152	100		
115	54.7	28.2	84.7
150	156.9	0.0	347.6

