

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041822\
 Data File : VY008376.D
 Acq On : 18 Apr 2022 16:19
 Operator : KP/MD
 Sample : N2427-02
 Misc : 5.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2

Quant Time: Apr 19 06:30:34 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	32429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	58614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	56861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	24525	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	20820	68.349	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.700%
35) Dibromofluoromethane	7.716	113	19880	58.722	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.440%
50) Toluene-d8	10.179	98	71362	61.602	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	123.200%
62) 4-Bromofluorobenzene	12.483	95	22987	52.757	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.520%

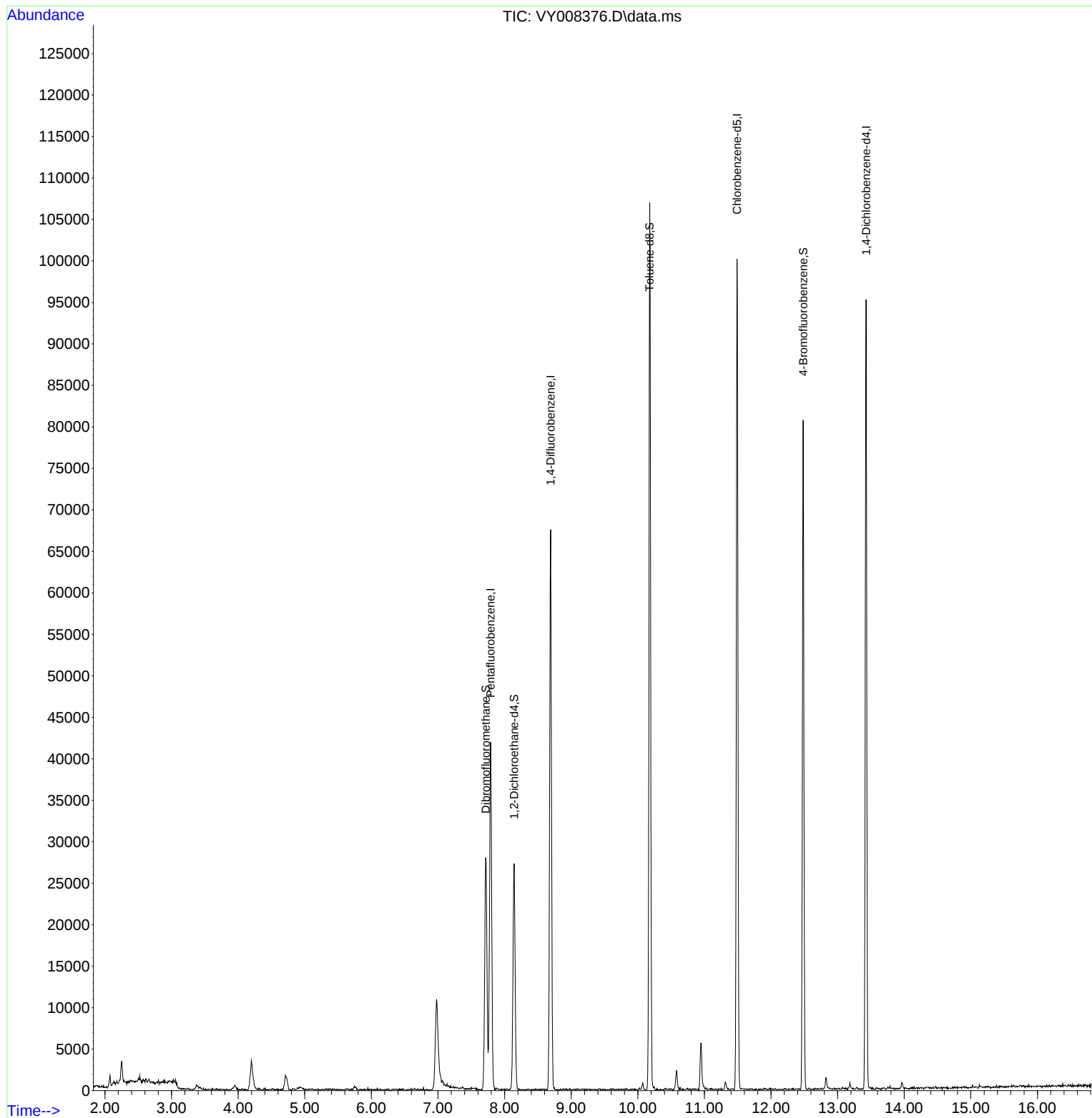
Target Compounds	Qvalue

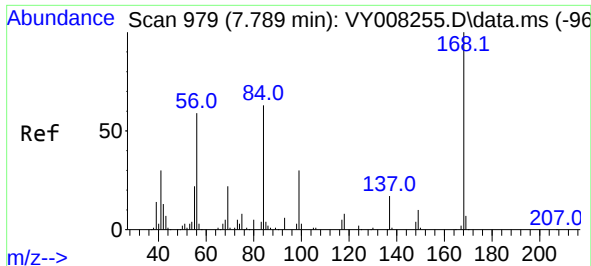
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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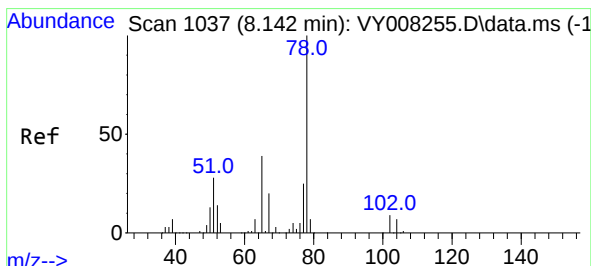
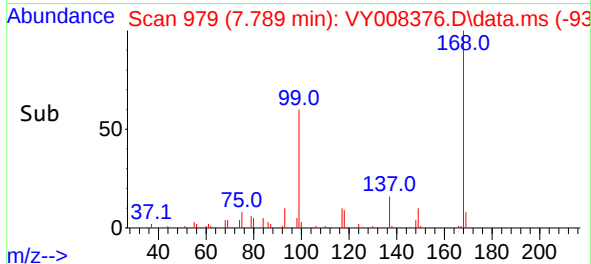
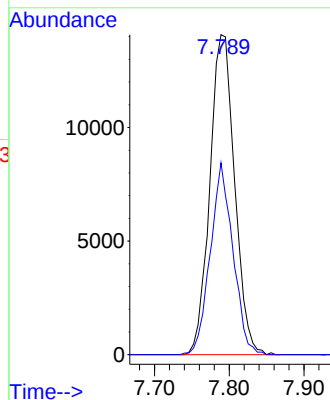
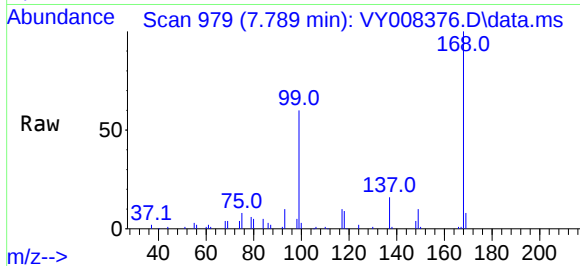




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008376.D
Acq: 18 Apr 2022 16:19

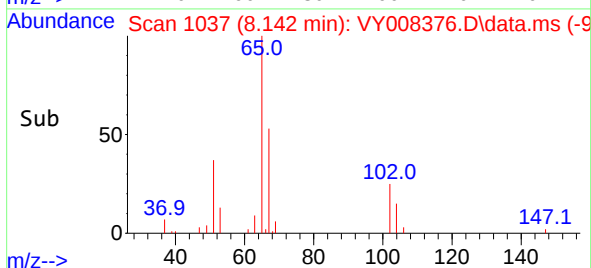
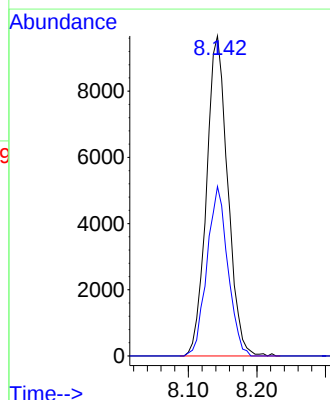
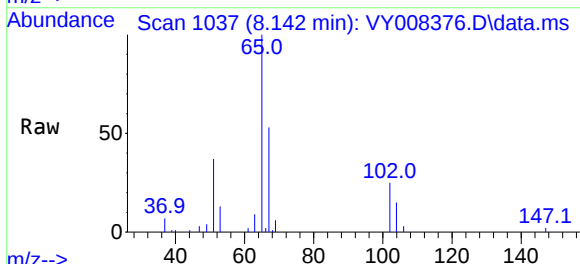
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

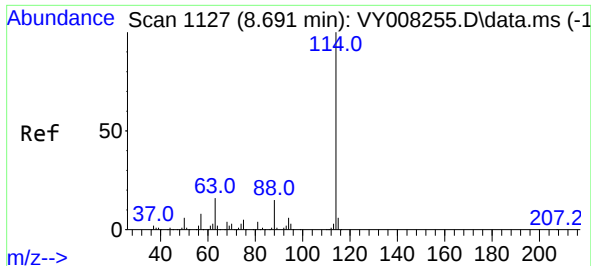
Tgt Ion:168 Resp: 32429
Ion Ratio Lower Upper
168 100
99 60.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 68.349 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008376.D
Acq: 18 Apr 2022 16:19

Tgt Ion: 65 Resp: 20820
Ion Ratio Lower Upper
65 100
67 52.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008376.D

Acq: 18 Apr 2022 16:19

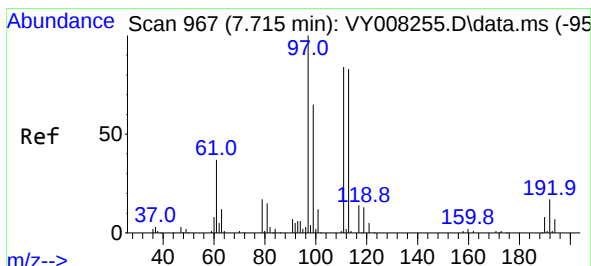
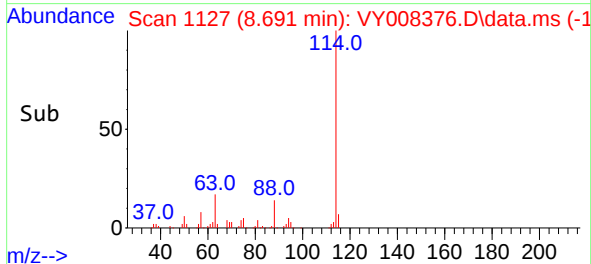
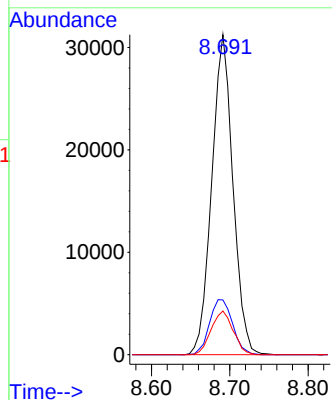
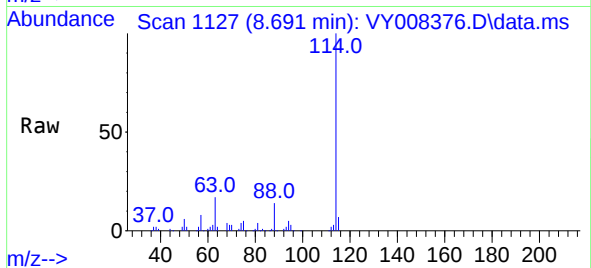
Instrument :

MSVOA_Y

ClientSampleId :

SB-2

Tgt Ion:	114	Resp:	58614
Ion Ratio	Lower	Upper	
114	100		
63	17.1	0.0	43.2
88	13.7	0.0	31.8



#35

Dibromofluoromethane

Concen: 58.722 ug/l

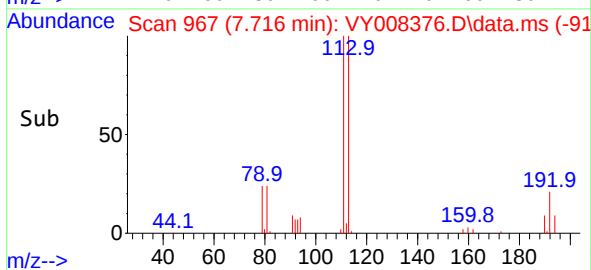
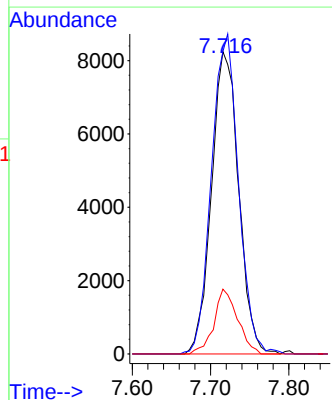
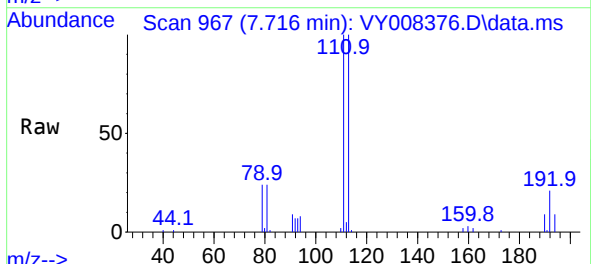
RT: 7.716 min Scan# 967

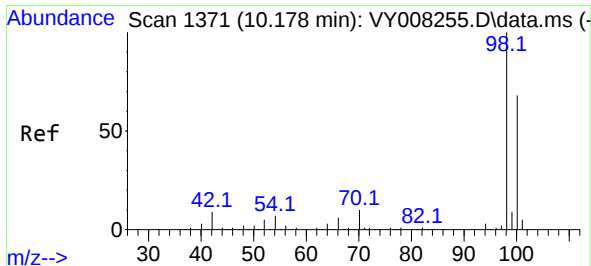
Delta R.T. 0.001 min

Lab File: VY008376.D

Acq: 18 Apr 2022 16:19

Tgt Ion:	113	Resp:	19880
Ion Ratio	Lower	Upper	
113	100		
111	105.1	82.6	124.0
192	18.6	17.6	26.4

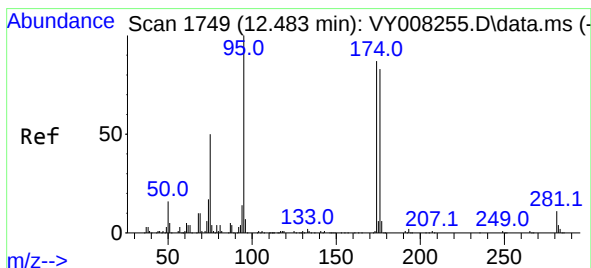
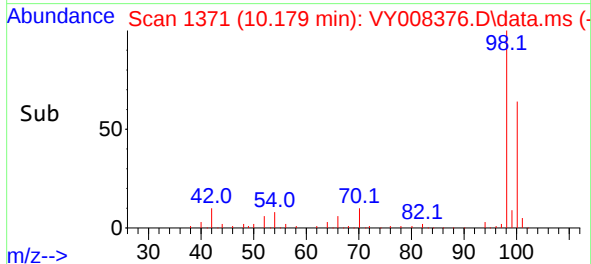
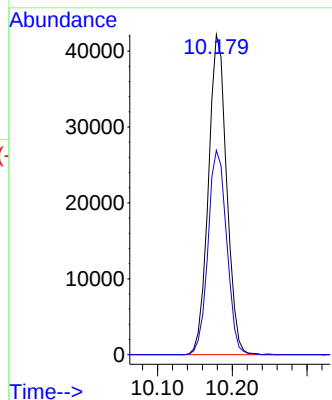
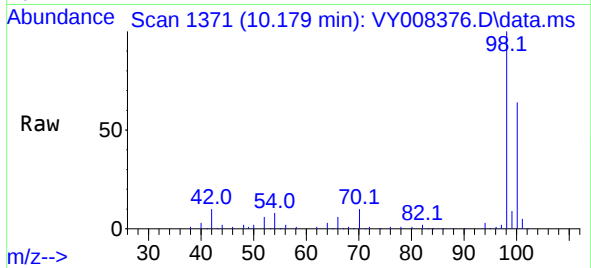




#50
Toluene-d8
Concen: 61.602 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008376.D
Acq: 18 Apr 2022 16:19

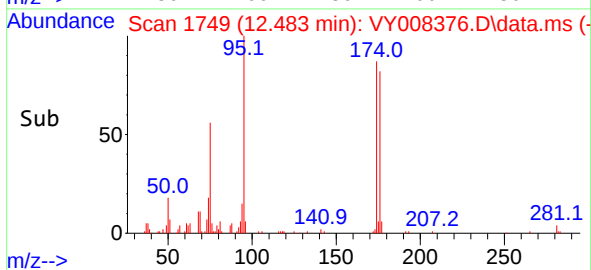
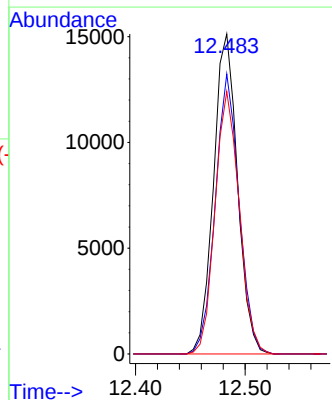
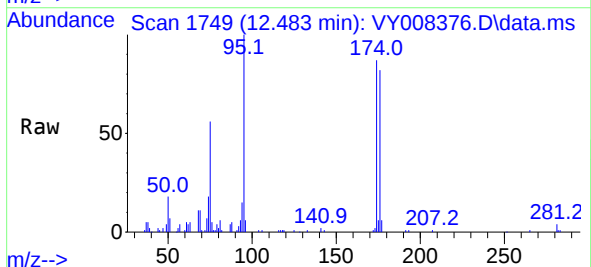
Instrument :
MSVOA_Y
ClientSampleId :
SB-2

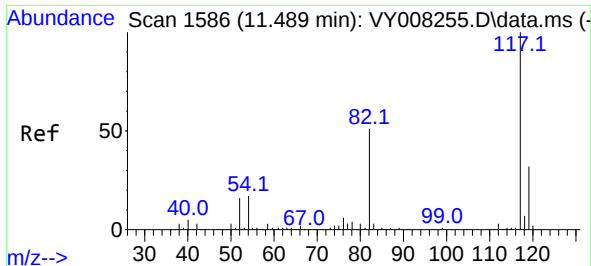
Tgt Ion: 98 Resp: 71362
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 52.757 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008376.D
Acq: 18 Apr 2022 16:19

Tgt Ion: 95 Resp: 22987
Ion Ratio Lower Upper
95 100
174 86.6 0.0 177.0
176 82.7 0.0 175.8

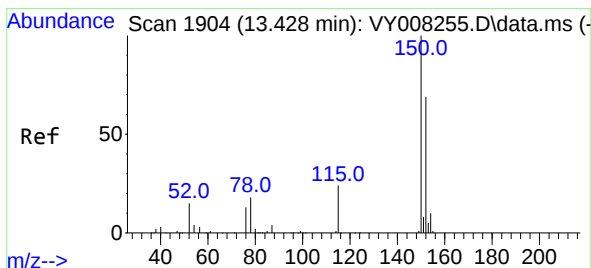
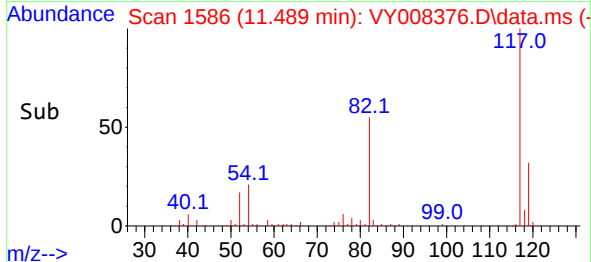
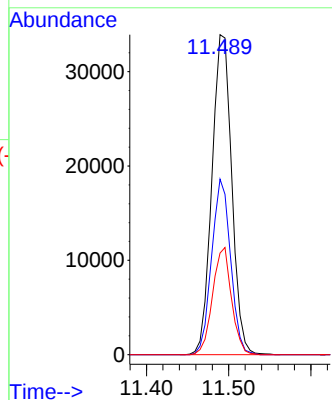
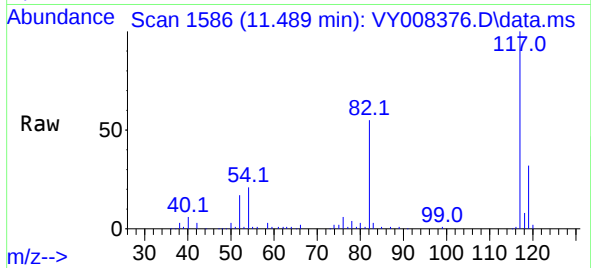




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008376.D
Acq: 18 Apr 2022 16:19

Instrument :
MSVOA_Y
ClientSampleId :
SB-2

Tgt Ion:117 Resp: 56861
Ion Ratio Lower Upper
117 100
82 54.9 43.0 64.4
119 31.8 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: VY008376.D
Acq: 18 Apr 2022 16:19

Tgt Ion:152 Resp: 24525
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 158.0 0.0 347.6

