

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042822\
 Data File : VY008547.D
 Acq On : 28 Apr 2022 14:59
 Operator : KP/MD
 Sample : N2588-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-2

Quant Time: Apr 29 02:01:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	50499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	90877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	90583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	41556	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	29870	50.271	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.540%
35) Dibromofluoromethane	7.722	113	29363	50.064	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.120%
50) Toluene-d8	10.179	98	109825	47.118	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.240%
62) 4-Bromofluorobenzene	12.483	95	38746	49.061	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.120%

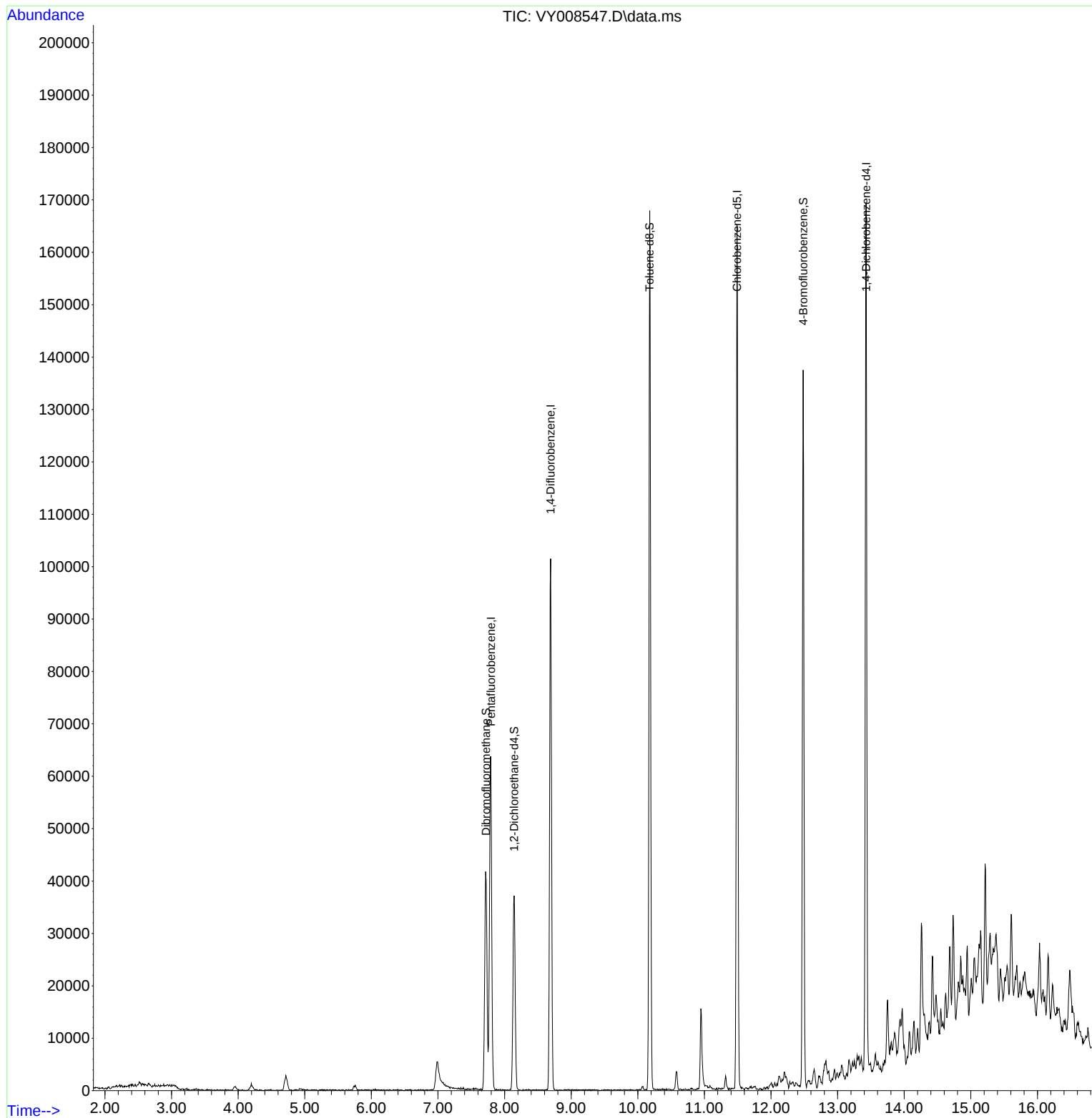
Target Compounds	Qvalue

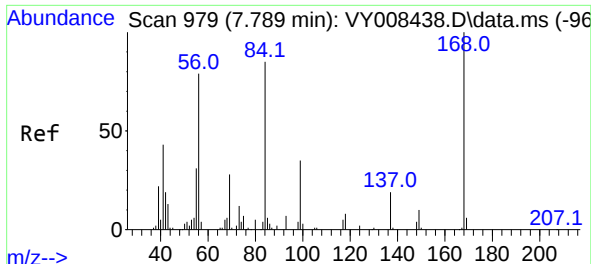
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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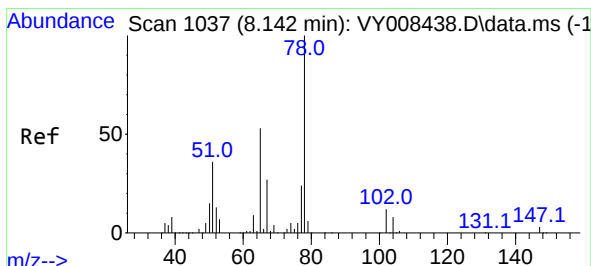
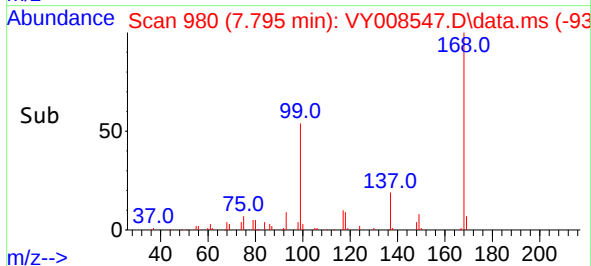
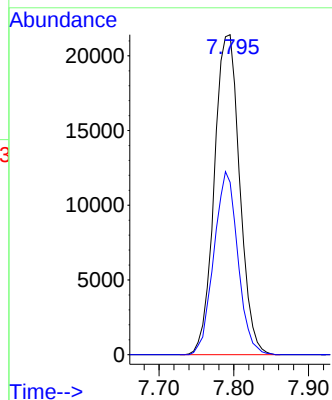
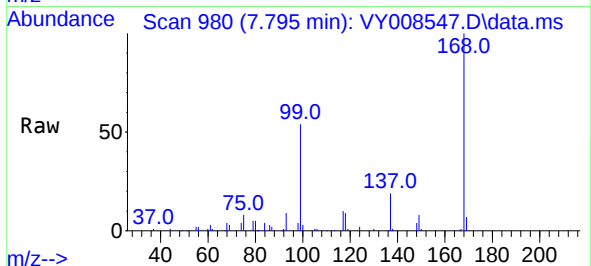




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008547.D
Acq: 28 Apr 2022 14:59

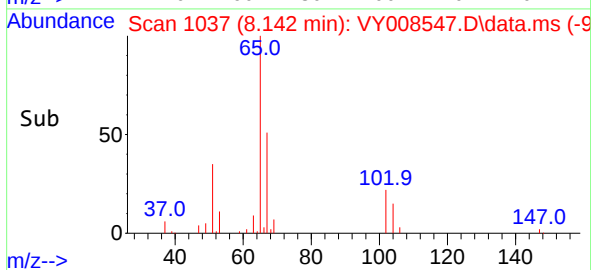
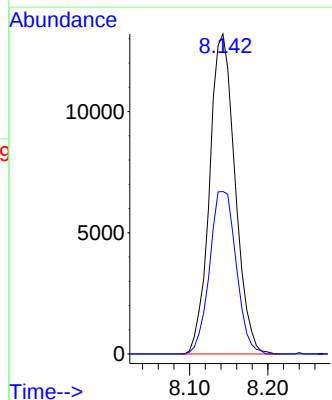
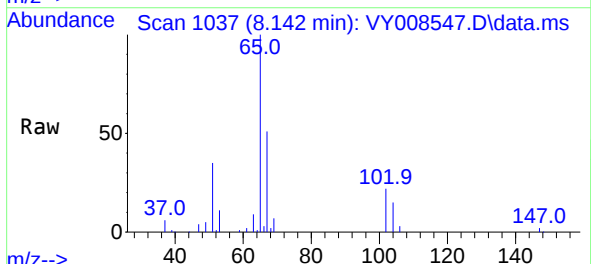
Instrument :
MSVOA_Y
ClientSampleId :
MH-2

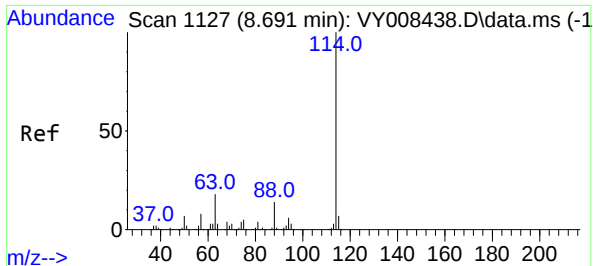
Tgt Ion:168 Resp: 50499
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 50.271 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008547.D
Acq: 28 Apr 2022 14:59

Tgt Ion: 65 Resp: 29870
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4

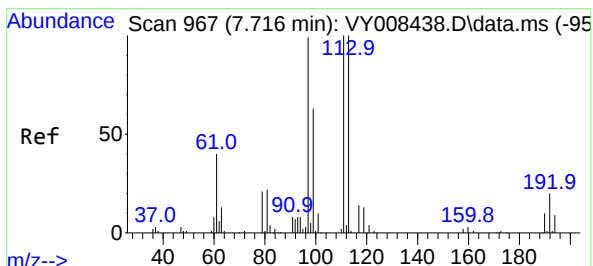
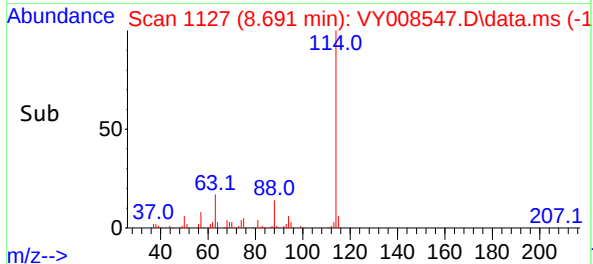
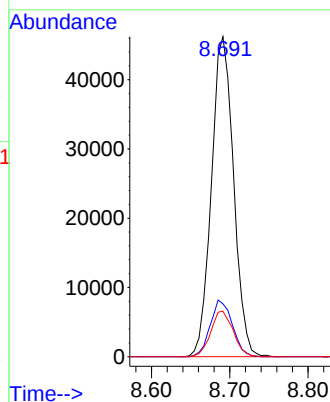
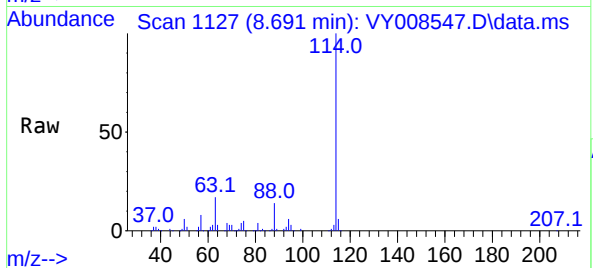




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008547.D
Acq: 28 Apr 2022 14:59

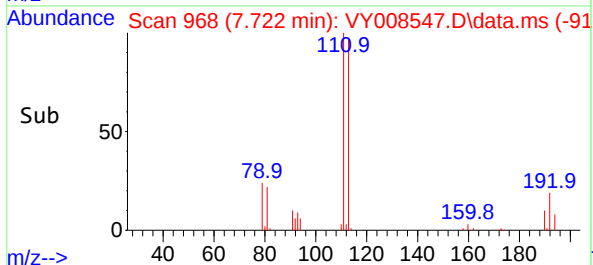
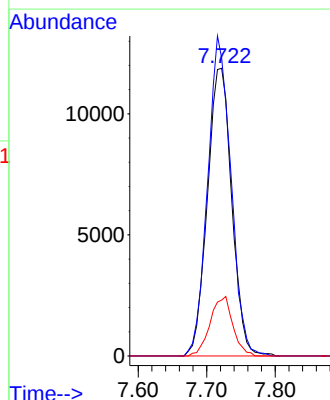
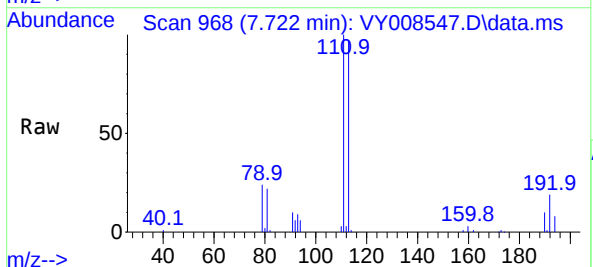
Instrument :
MSVOA_Y
ClientSampleId :
MH-2

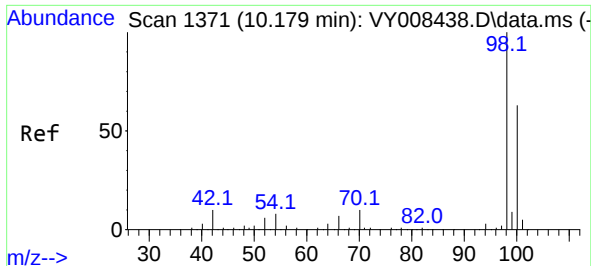
Tgt Ion:	114	Resp:	90877
Ion	Ratio	Lower	Upper
114	100		
63	16.5	0.0	43.2
88	14.2	0.0	31.8



#35
Dibromofluoromethane
Concen: 50.064 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY008547.D
Acq: 28 Apr 2022 14:59

Tgt Ion:	113	Resp:	29363
Ion	Ratio	Lower	Upper
113	100		
111	106.0	82.6	124.0
192	19.2	17.6	26.4

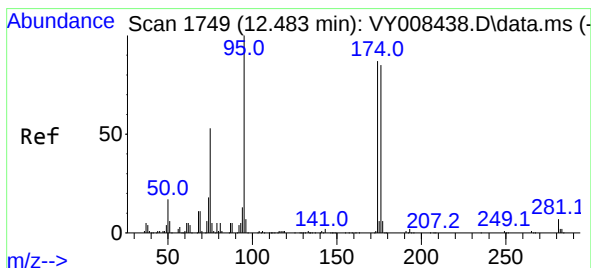
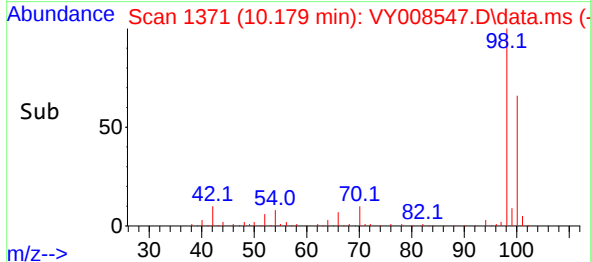
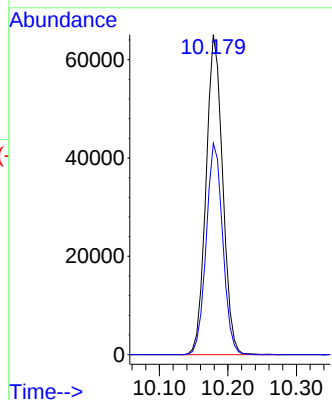
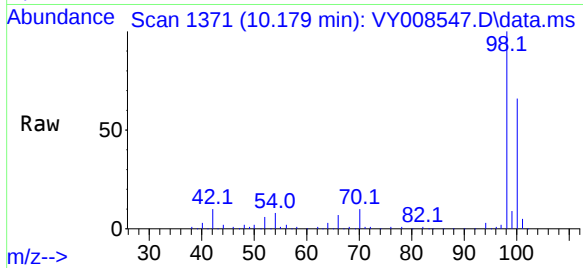




#50
Toluene-d8
Concen: 47.118 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008547.D
Acq: 28 Apr 2022 14:59

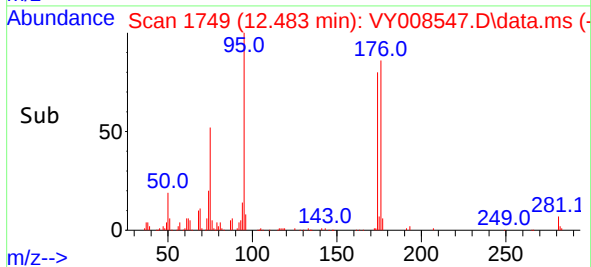
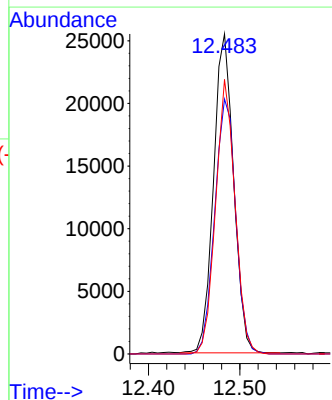
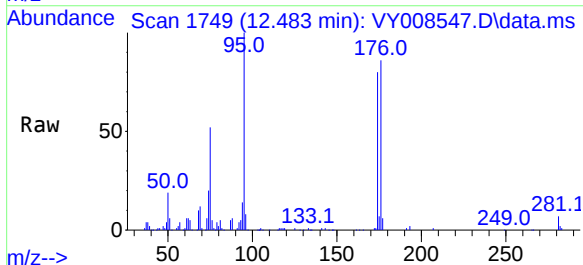
Instrument :
MSVOA_Y
ClientSampleId :
MH-2

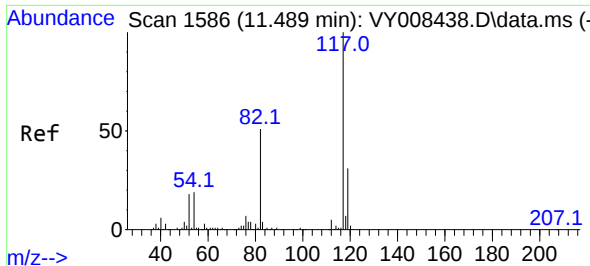
Tgt Ion: 98 Resp: 109825
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.061 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008547.D
Acq: 28 Apr 2022 14:59

Tgt Ion: 95 Resp: 38746
Ion Ratio Lower Upper
95 100
174 83.9 0.0 177.0
176 83.7 0.0 175.8

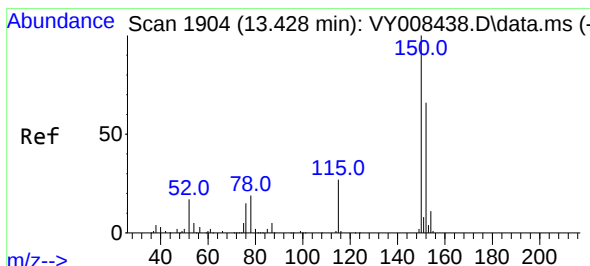
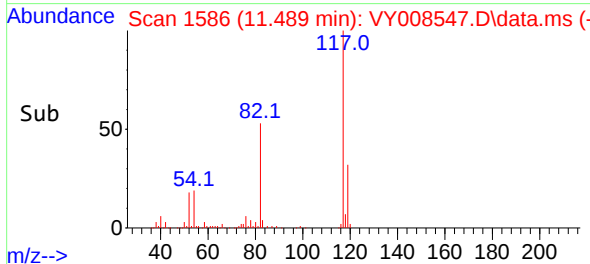
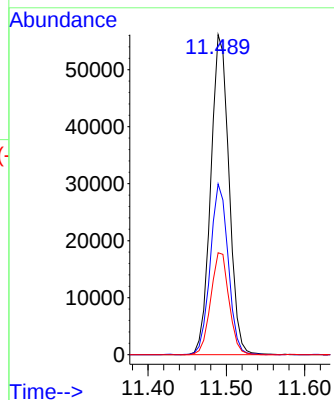
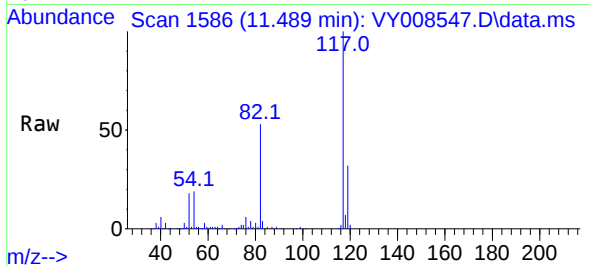




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008547.D
Acq: 28 Apr 2022 14:59

Instrument :
MSVOA_Y
ClientSampleId :
MH-2

Tgt Ion:	117	Resp:	90583
Ion	Ratio	Lower	Upper
117	100		
82	53.4	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: VY008547.D
Acq: 28 Apr 2022 14:59

Tgt Ion:	152	Resp:	41556
Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.2	84.7
150	157.2	0.0	347.6

