

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007938.D
 Acq On : 19 Mar 2022 06:44
 Operator : SY/MD
 Sample : N1983-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124042

Quant Time: Mar 21 03:21:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	251562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	464693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	421871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	181339	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	162852	56.777	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.560%
35) Dibromofluoromethane	7.716	113	146497	44.889	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.780%
50) Toluene-d8	10.179	98	565799	58.405	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.800%
62) 4-Bromofluorobenzene	12.483	95	199484	42.591	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.180%

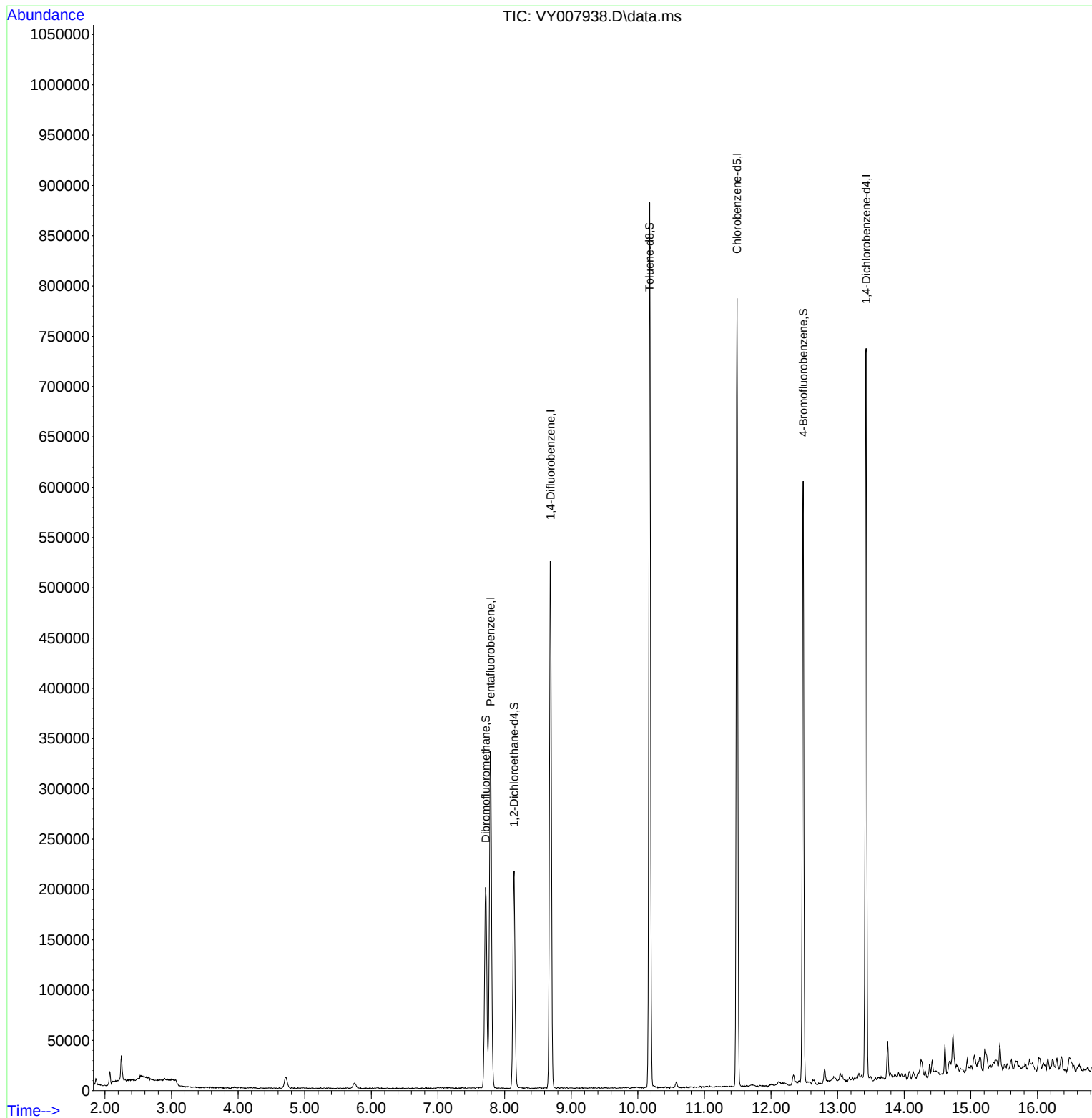
Target Compounds	Qvalue

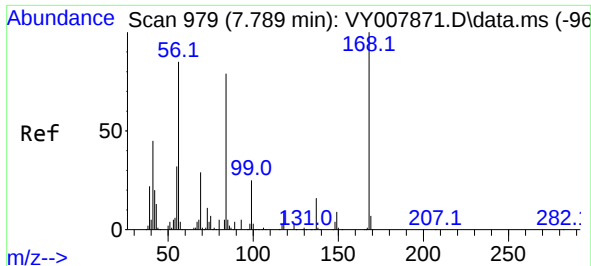
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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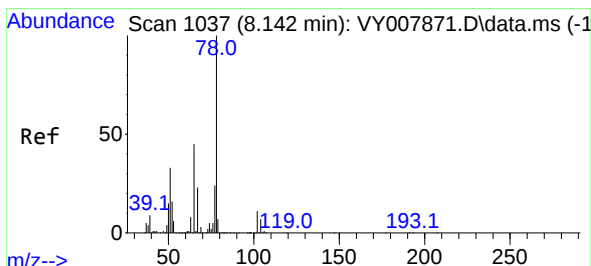
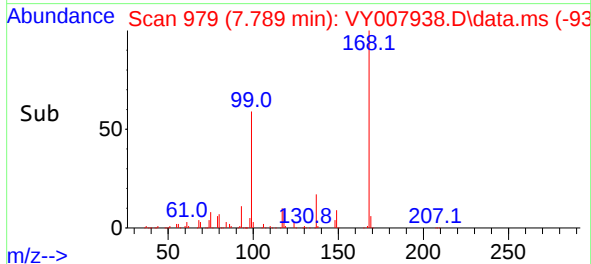
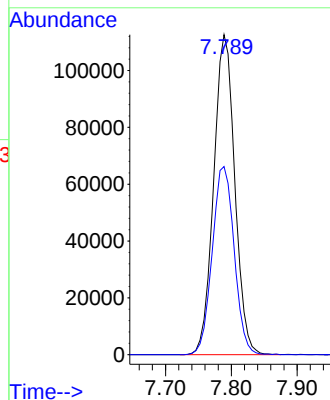
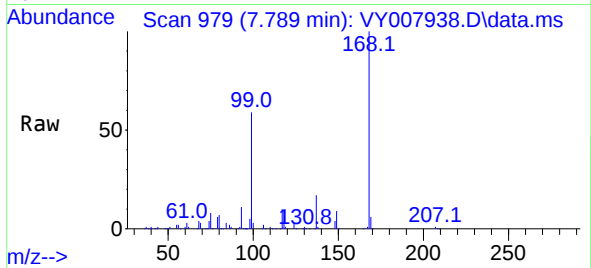




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007938.D
Acq: 19 Mar 2022 06:44

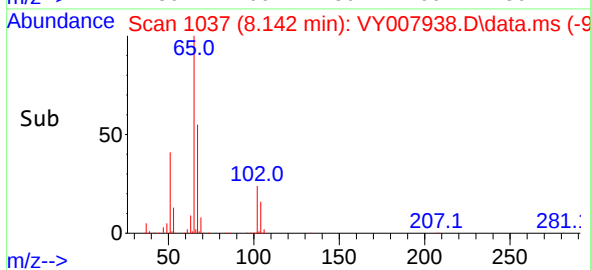
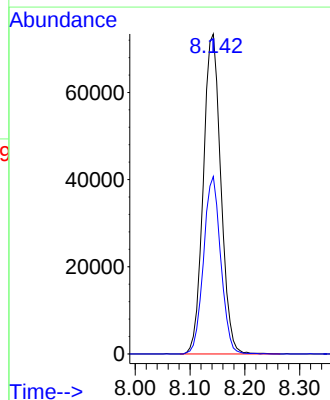
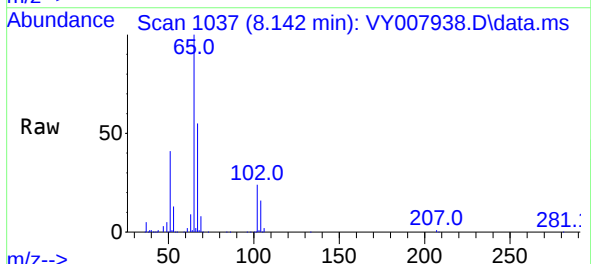
Instrument :
MSVOA_Y
ClientSampleId :
124042

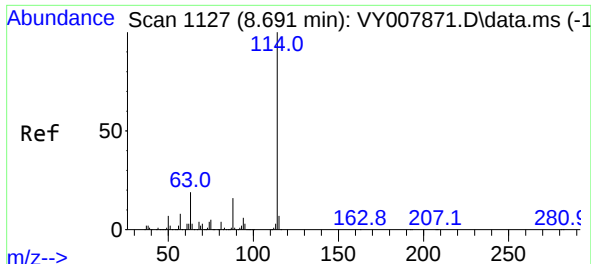
Tgt Ion:168 Resp: 251562
Ion Ratio Lower Upper
168 100
99 58.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.777 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007938.D
Acq: 19 Mar 2022 06:44

Tgt Ion: 65 Resp: 162852
Ion Ratio Lower Upper
65 100
67 54.2 0.0 99.4

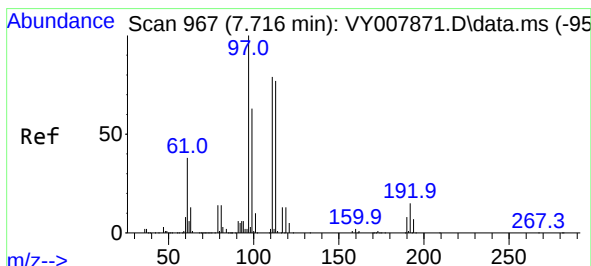
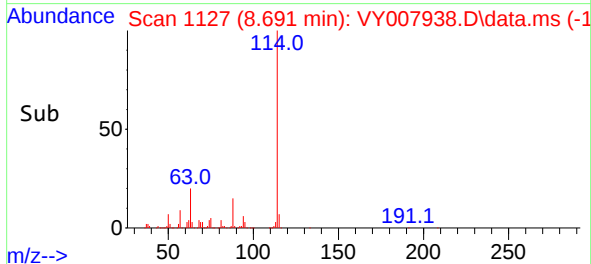
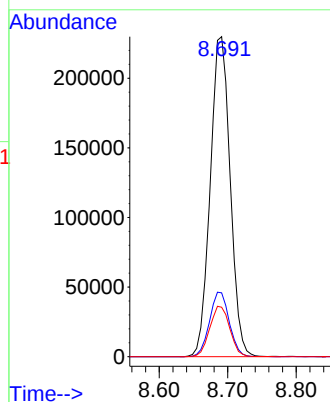
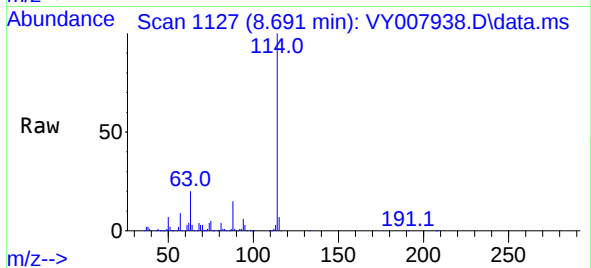




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY007938.D
Acq: 19 Mar 2022 06:44

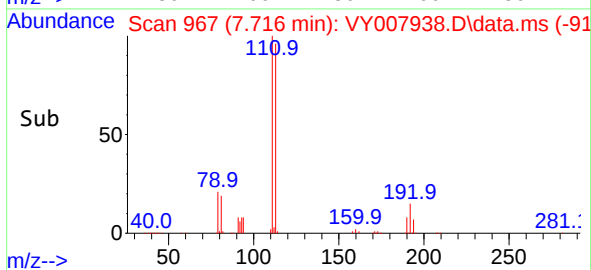
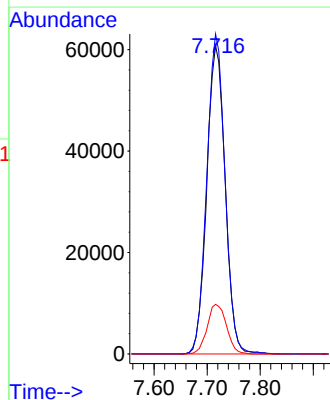
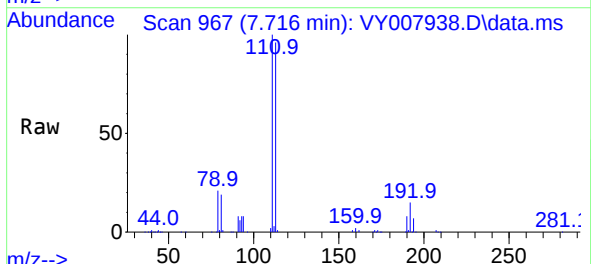
Instrument :
MSVOA_Y
ClientSampleId :
124042

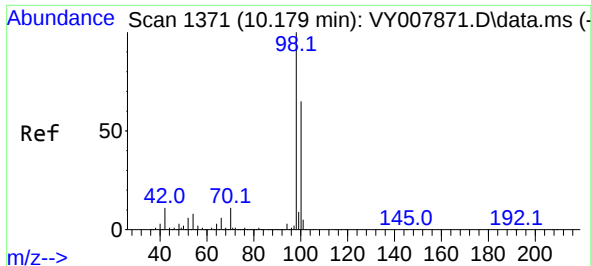
Tgt Ion:	114	Resp:	464693
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	43.2
88	15.5	0.0	31.8



#35
Dibromofluoromethane
Concen: 44.889 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY007938.D
Acq: 19 Mar 2022 06:44

Tgt Ion:	113	Resp:	146497
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	124.0
192	16.9	17.6	26.4

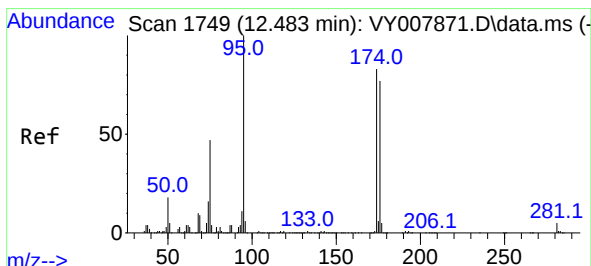
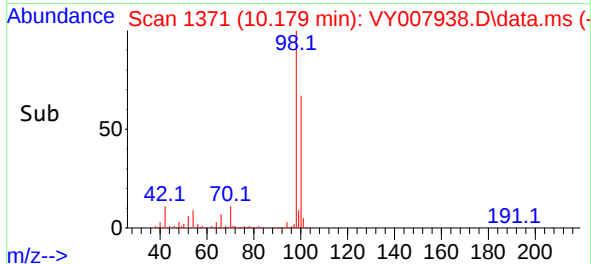
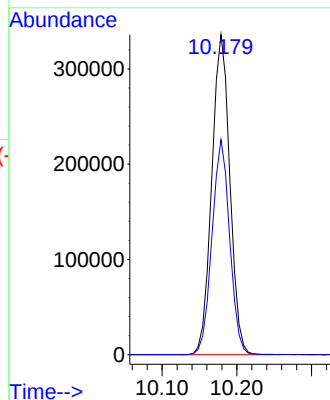
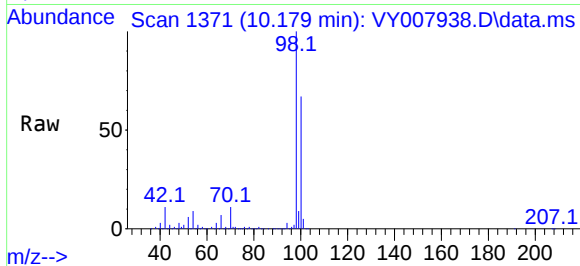




#50
Toluene-d8
Concen: 58.405 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007938.D
Acq: 19 Mar 2022 06:44

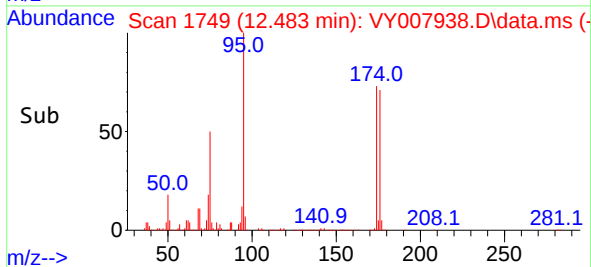
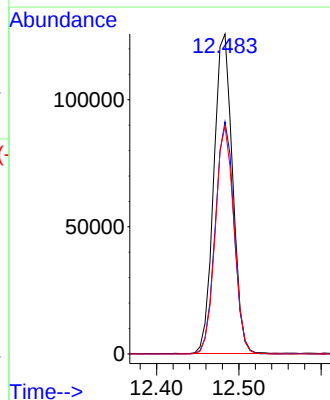
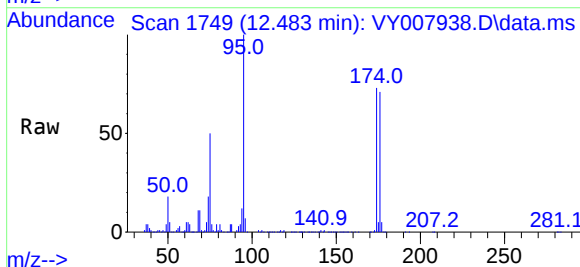
Instrument :
MSVOA_Y
ClientSampleId :
124042

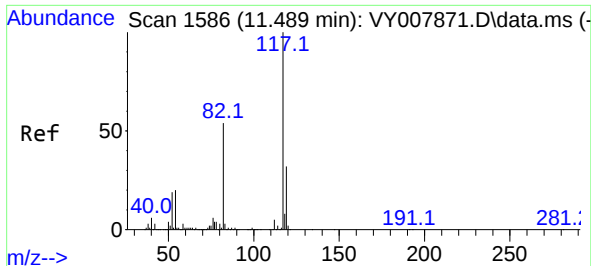
Tgt Ion: 98 Resp: 565799
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.591 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007938.D
Acq: 19 Mar 2022 06:44

Tgt Ion: 95 Resp: 199484
Ion Ratio Lower Upper
95 100
174 72.3 0.0 177.0
176 70.7 0.0 175.8

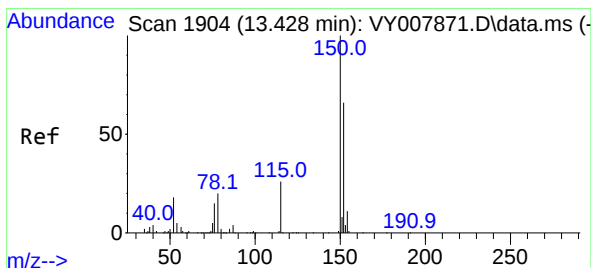
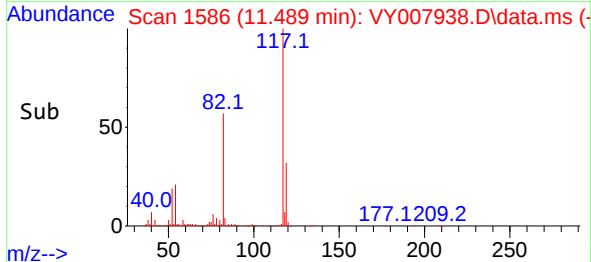
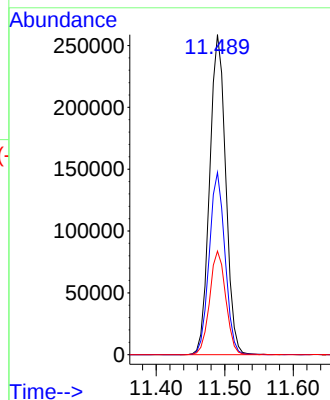
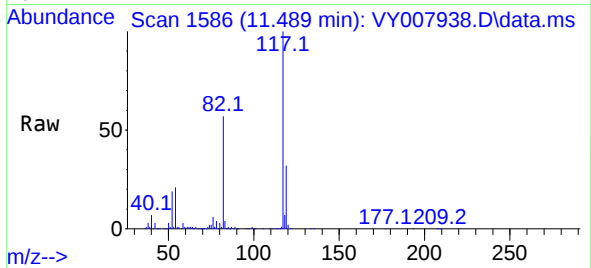




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007938.D
Acq: 19 Mar 2022 06:44

Instrument :
MSVOA_Y
ClientSampleId :
124042

Tgt Ion:117 Resp: 421871
Ion Ratio Lower Upper
117 100
82 56.9 43.0 64.4
119 32.4 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: VY007938.D
Acq: 19 Mar 2022 06:44

Tgt Ion:152 Resp: 181339
Ion Ratio Lower Upper
152 100
115 62.0 28.2 84.7
150 158.1 0.0 347.6

