

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007956.D
 Acq On : 21 Mar 2022 15:49
 Operator : SY/MD
 Sample : N1979-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT4743

Quant Time: Mar 22 03:39:43 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	233971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	421038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	359751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	144308	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	129413	48.511	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.020%
35) Dibromofluoromethane	7.716	113	124503	42.106	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.220%
50) Toluene-d8	10.179	98	508323	57.858	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.720%
62) 4-Bromofluorobenzene	12.483	95	161256	37.999	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.000%

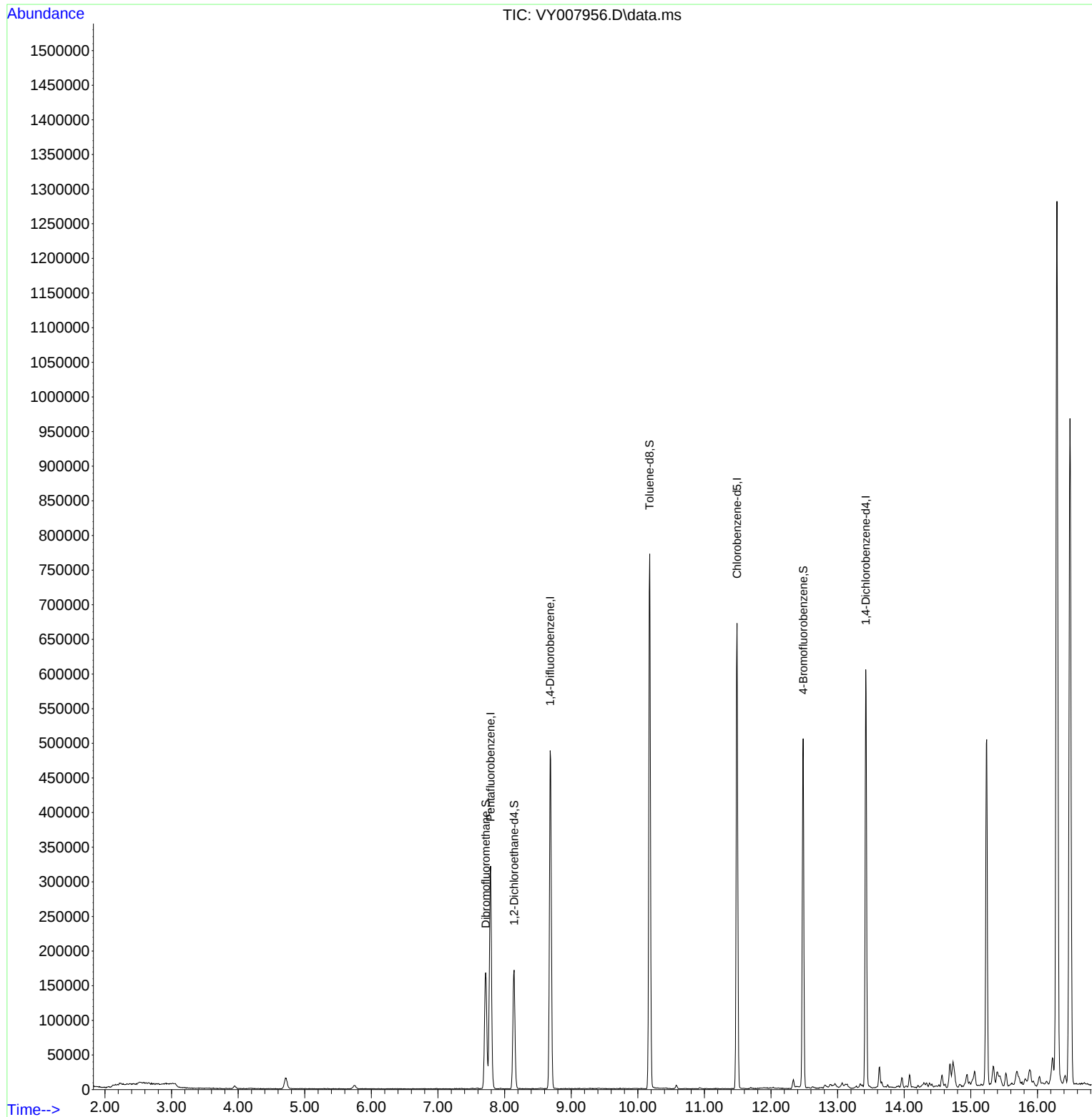
Target Compounds	Qvalue

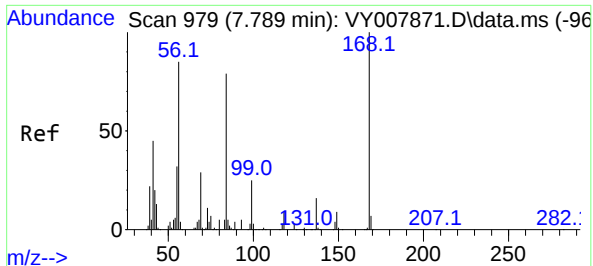
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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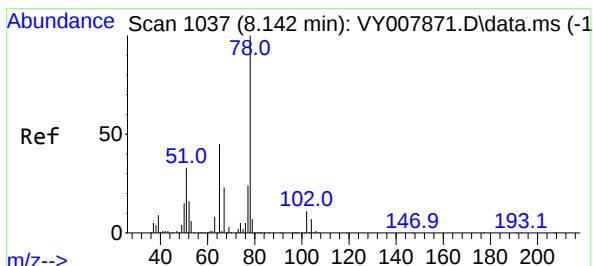
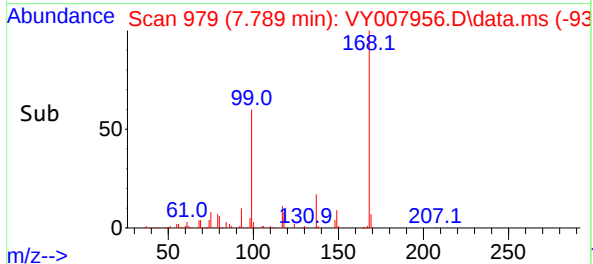
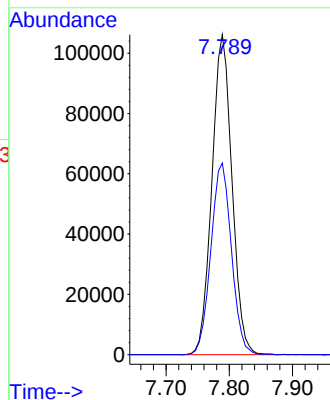
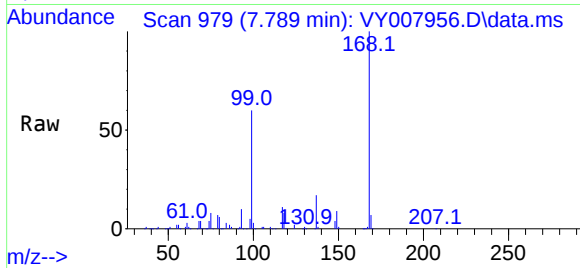




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007956.D
Acq: 21 Mar 2022 15:49

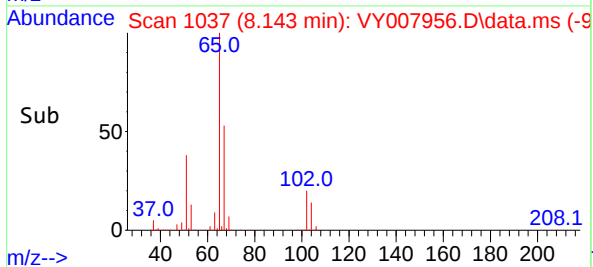
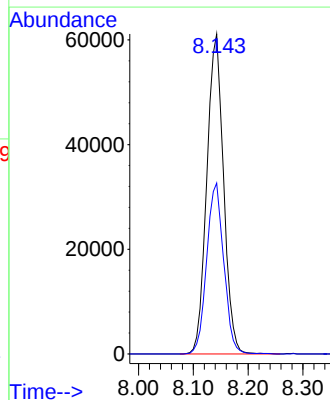
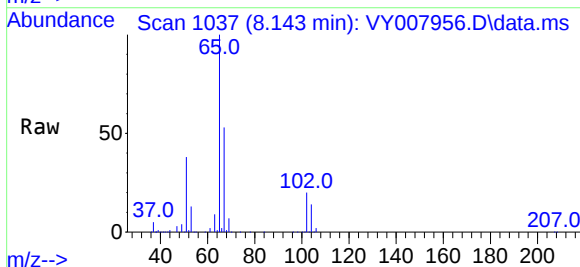
Instrument :
MSVOA_Y
ClientSampleId :
RT4743

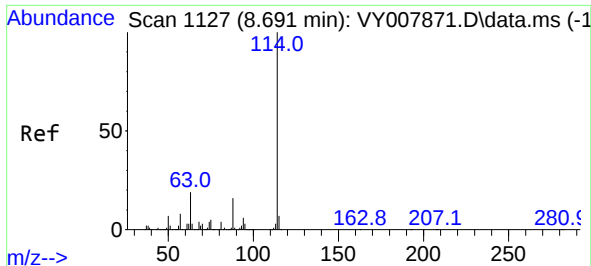
Tgt Ion:168 Resp: 233971
Ion Ratio Lower Upper
168 100
99 59.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 48.511 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007956.D
Acq: 21 Mar 2022 15:49

Tgt Ion: 65 Resp: 129413
Ion Ratio Lower Upper
65 100
67 54.3 0.0 99.4

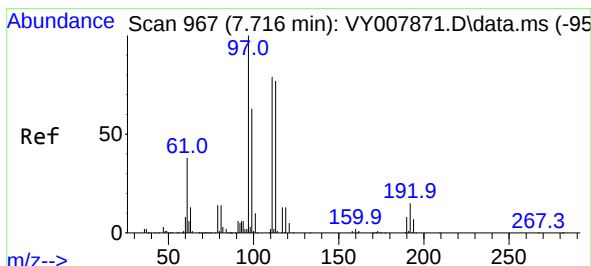
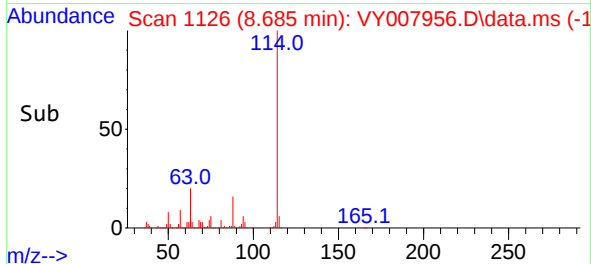
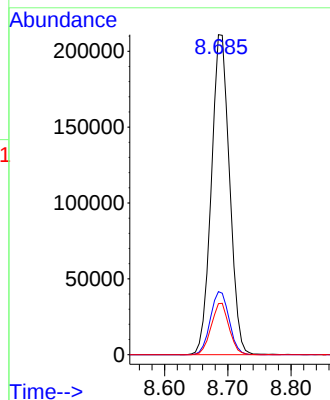
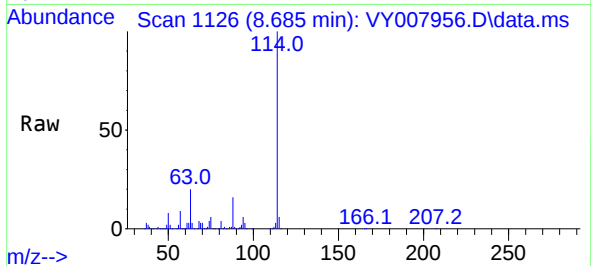




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY007956.D
Acq: 21 Mar 2022 15:49

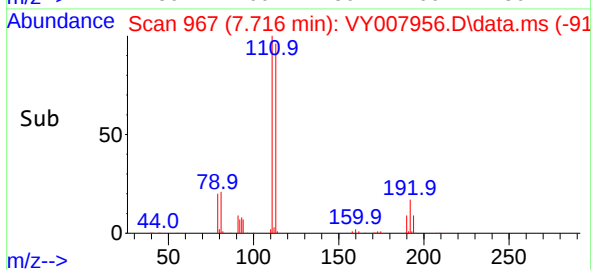
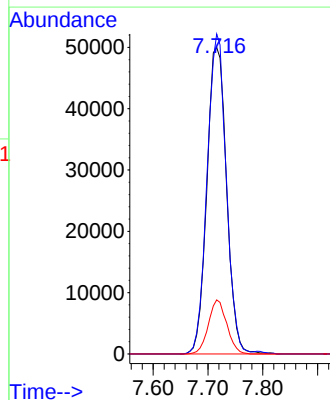
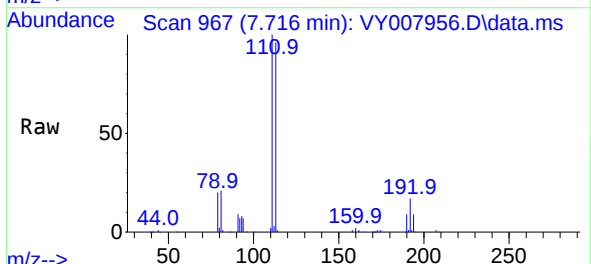
Instrument :
MSVOA_Y
ClientSampleId :
RT4743

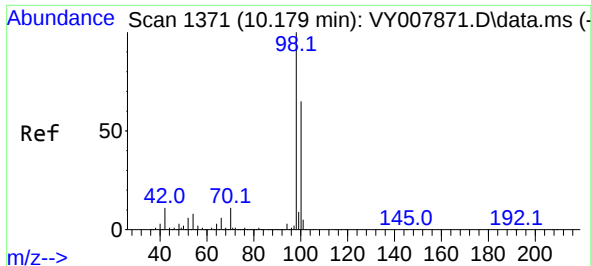
Tgt Ion:114 Resp: 421038
Ion Ratio Lower Upper
114 100
63 19.7 0.0 43.2
88 16.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 42.106 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY007956.D
Acq: 21 Mar 2022 15:49

Tgt Ion:113 Resp: 124503
Ion Ratio Lower Upper
113 100
111 101.3 82.6 124.0
192 16.5 17.6 26.4#

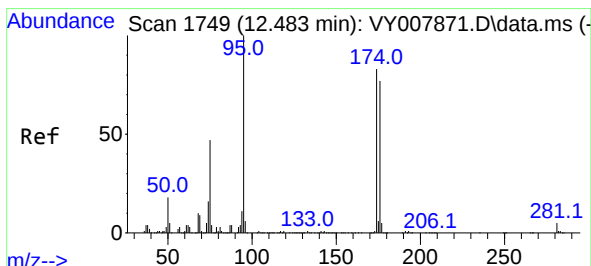
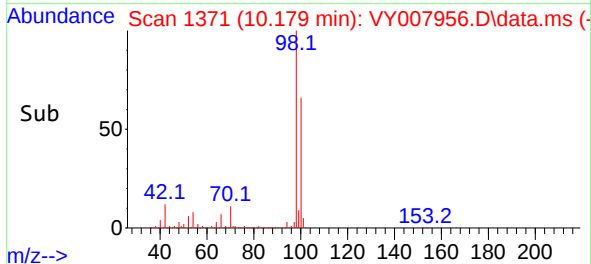
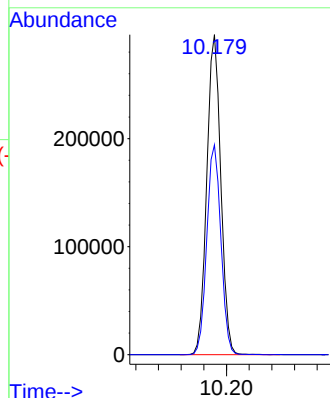
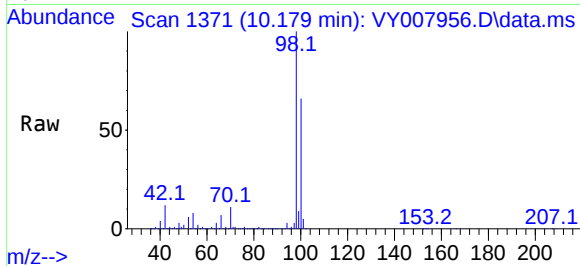




#50
Toluene-d8
Concen: 57.858 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007956.D
Acq: 21 Mar 2022 15:49

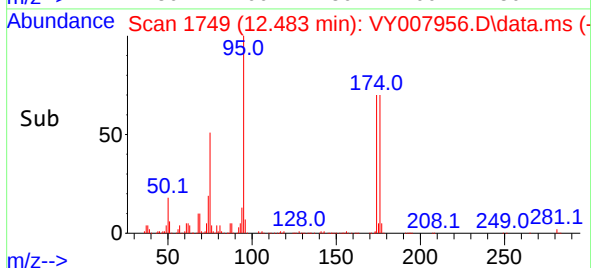
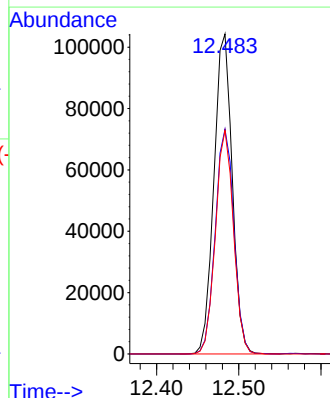
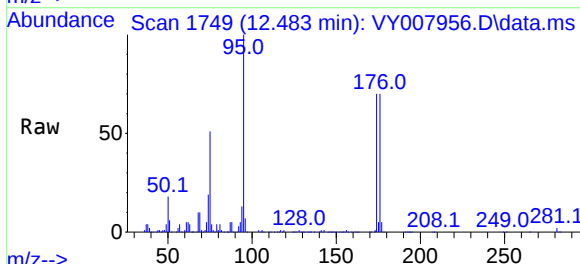
Instrument :
MSVOA_Y
ClientSampleId :
RT4743

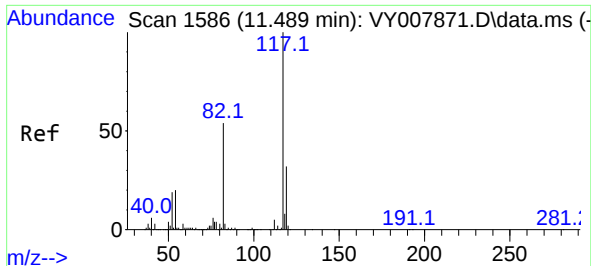
Tgt Ion: 98 Resp: 508323
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.999 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007956.D
Acq: 21 Mar 2022 15:49

Tgt Ion: 95 Resp: 161256
Ion Ratio Lower Upper
95 100
174 71.5 0.0 177.0
176 69.0 0.0 175.8

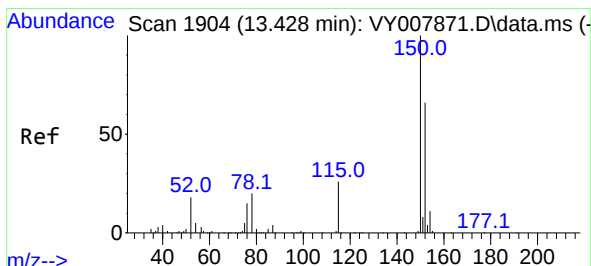
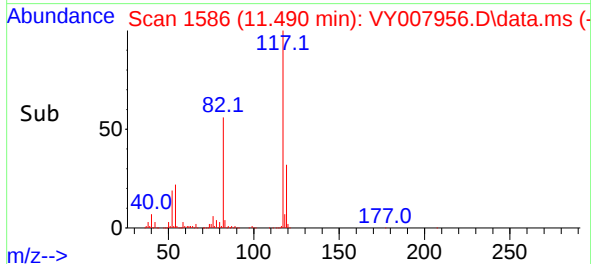
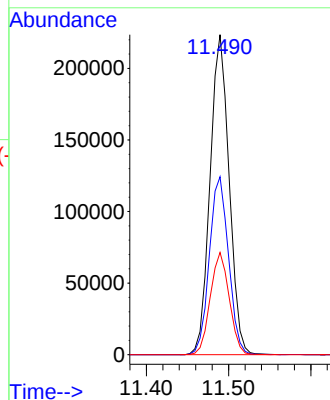
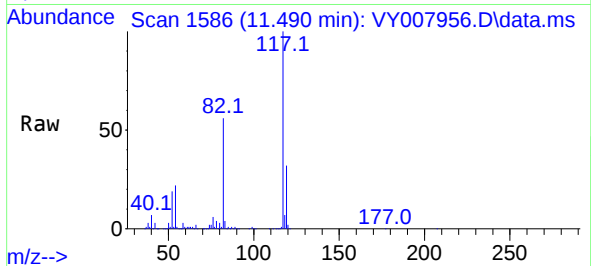




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007956.D
Acq: 21 Mar 2022 15:49

Instrument :
MSVOA_Y
ClientSampleId :
RT4743

Tgt Ion:	117	Resp:	359751
Ion	Ratio	Lower	Upper
117	100		
82	55.6	43.0	64.4
119	32.0	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY007956.D
Acq: 21 Mar 2022 15:49

Tgt Ion:	152	Resp:	144308
Ion	Ratio	Lower	Upper
152	100		
115	62.7	28.2	84.7
150	159.0	0.0	347.6

