

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032421\
 Data File : VY004187.D
 Acq On : 24 Mar 2021 14:48
 Operator : SY/MD
 Sample : M1775-01
 Misc : 4.30g/5mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 11979

Quant Time: Mar 25 01:20:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	189380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	311597	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	273740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107637	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	102765	54.99	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.98%
35) Dibromofluoromethane	7.728	113	94306	53.67	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.34%
50) Toluene-d8	10.185	98	360668	52.36	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.72%
62) 4-Bromofluorobenzene	12.483	95	115138	45.26	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.52%

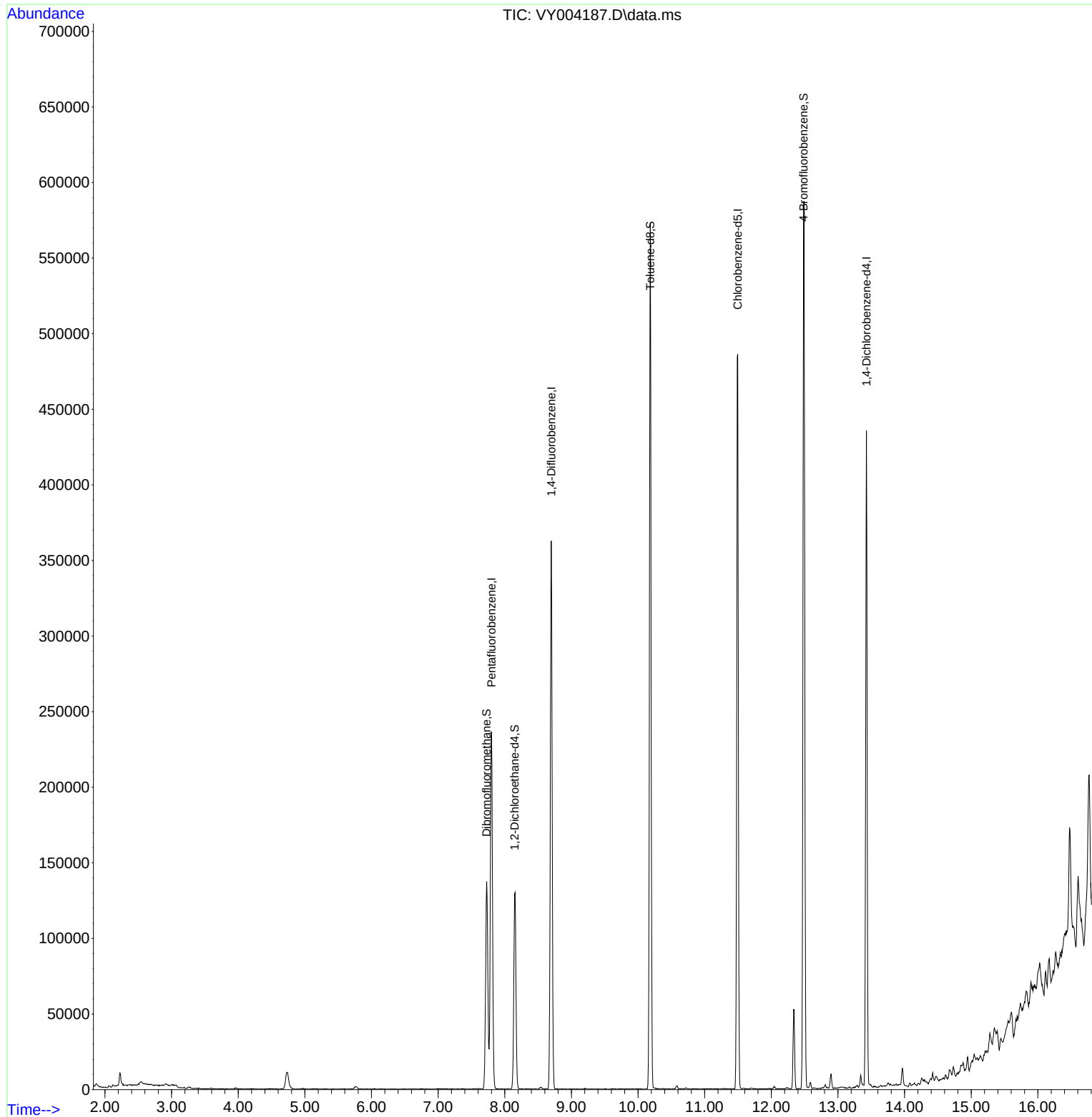
Target Compounds	Qvalue

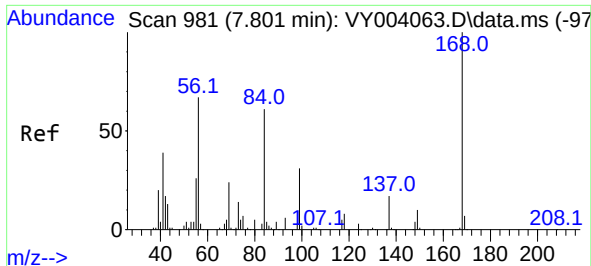
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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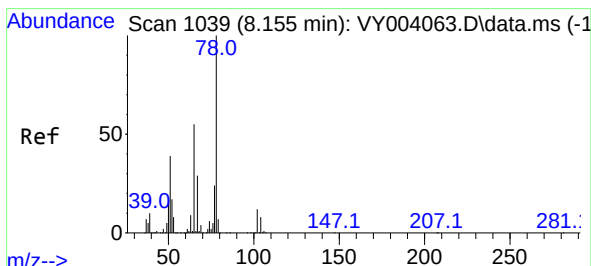
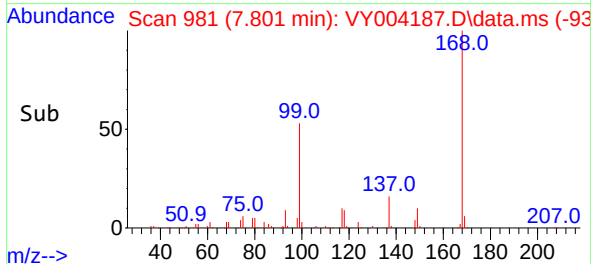
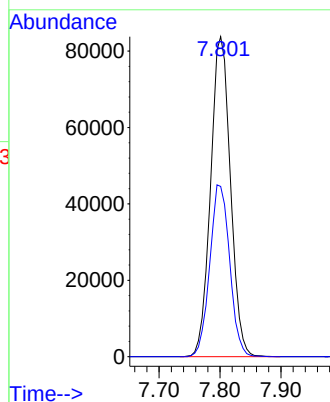
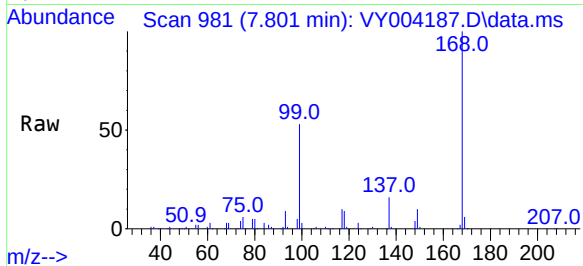




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004187.D
Acq: 24 Mar 2021 14:48

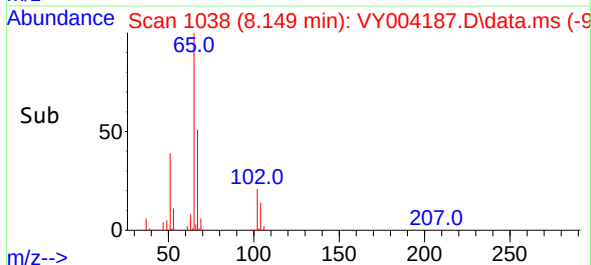
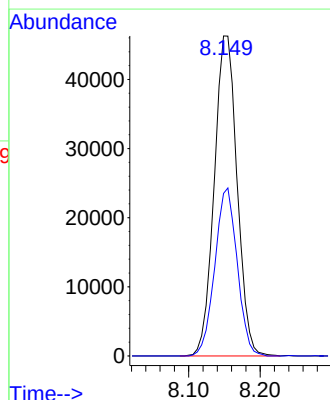
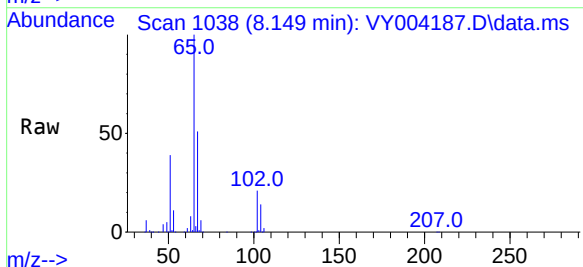
Instrument :
MSVOA_Y
ClientSampled :
11979

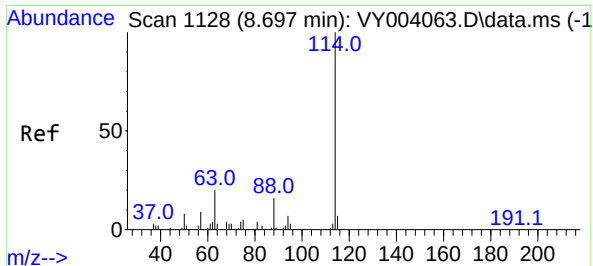
Tgt Ion:168 Resp: 189380
Ion Ratio Lower Upper
168 100
99 53.2 41.2 61.8



#33
1,2-Dichloroethane-d4
Concen: 54.99 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004187.D
Acq: 24 Mar 2021 14:48

Tgt Ion: 65 Resp: 102765
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.4

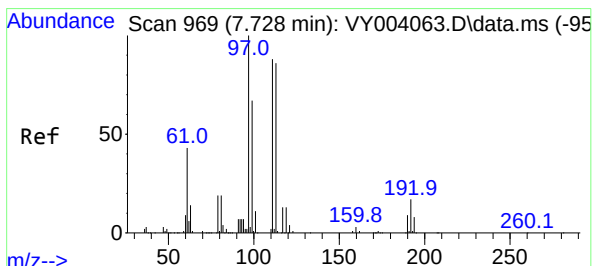
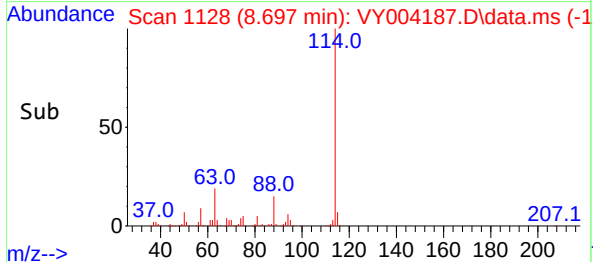
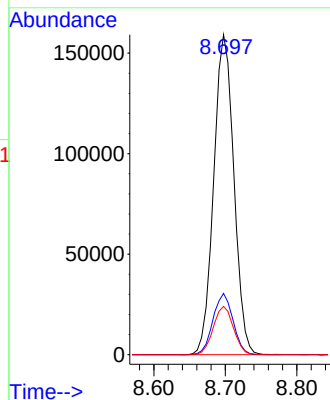
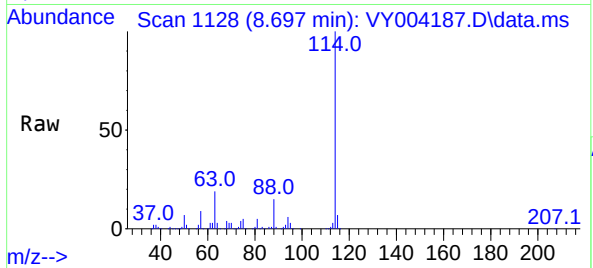




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004187.D
Acq: 24 Mar 2021 14:48

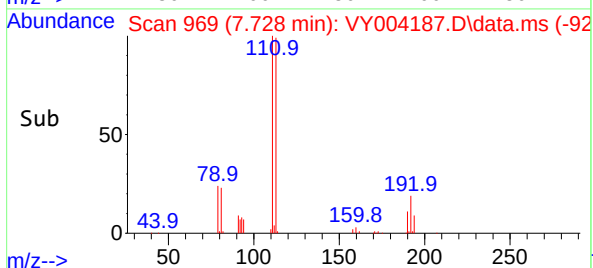
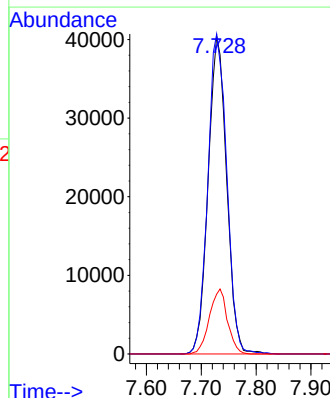
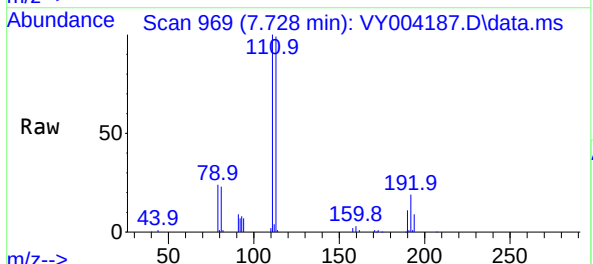
Instrument :
MSVOA_Y
ClientSampleId :
11979

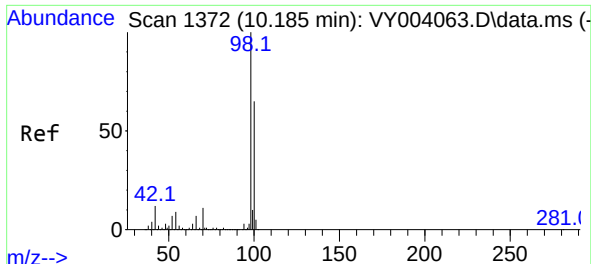
Tgt Ion:	114	Resp:	311597
Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	41.6
88	15.1	0.0	31.4



#35
Dibromofluoromethane
Concen: 53.67 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004187.D
Acq: 24 Mar 2021 14:48

Tgt Ion:	113	Resp:	94306
Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.2	124.8
192	20.0	18.5	27.7

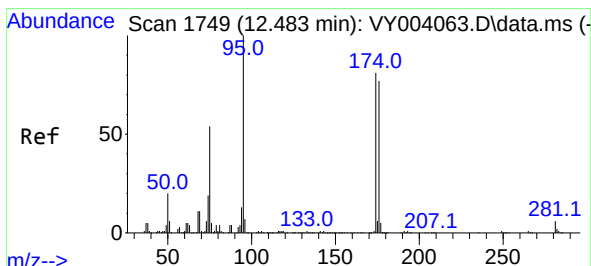
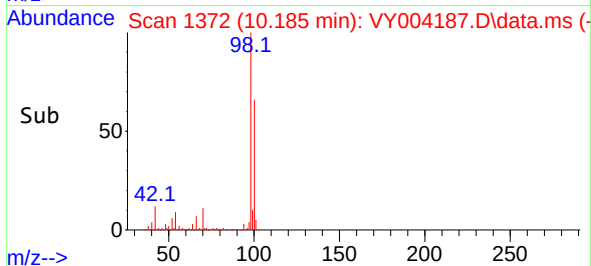
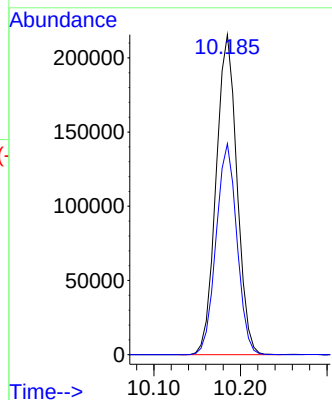
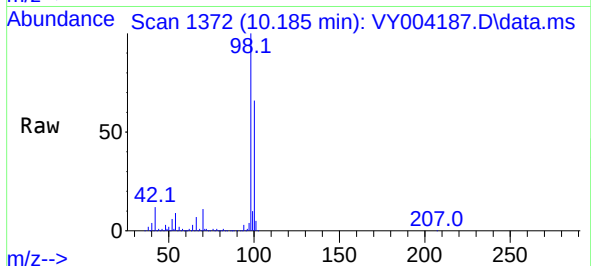




#50
Toluene-d8
Concen: 52.36 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004187.D
Acq: 24 Mar 2021 14:48

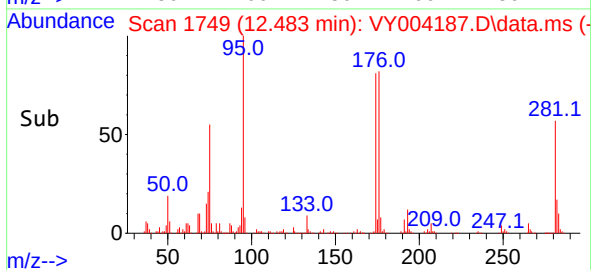
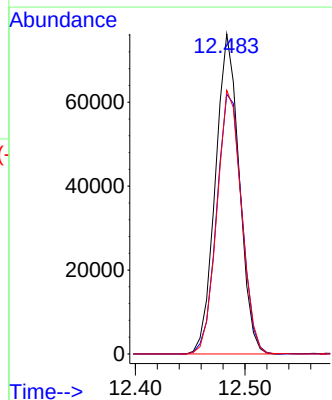
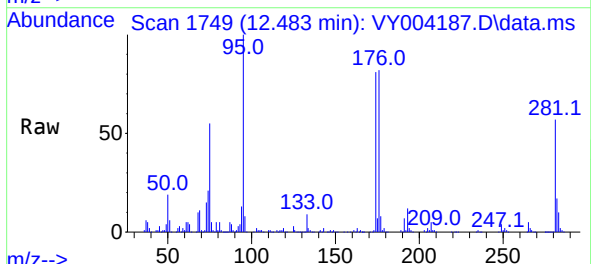
Instrument :
MSVOA_Y
ClientSampleId :
11979

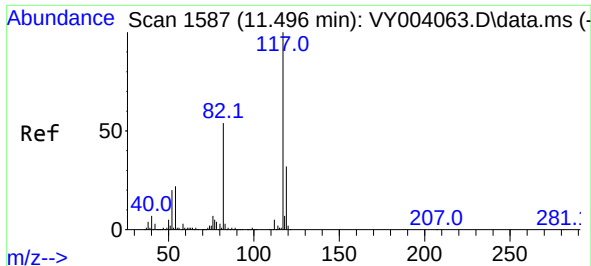
Tgt Ion: 98 Resp: 360668
Ion Ratio Lower Upper
98 100
100 65.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 45.26 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004187.D
Acq: 24 Mar 2021 14:48

Tgt Ion: 95 Resp: 115138
Ion Ratio Lower Upper
95 100
174 85.4 0.0 179.0
176 84.7 0.0 174.4



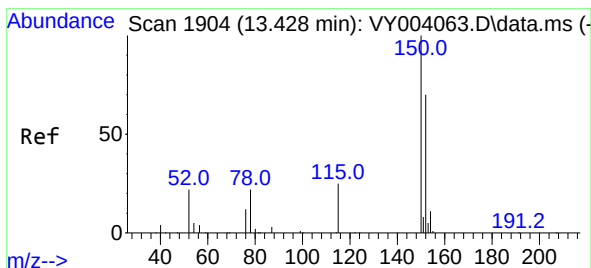
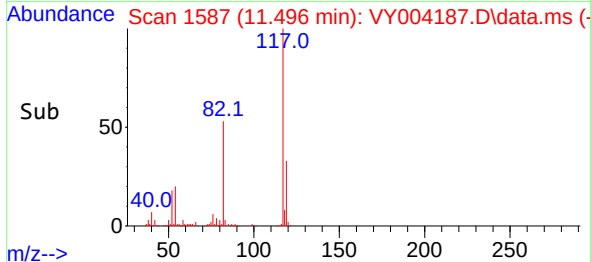
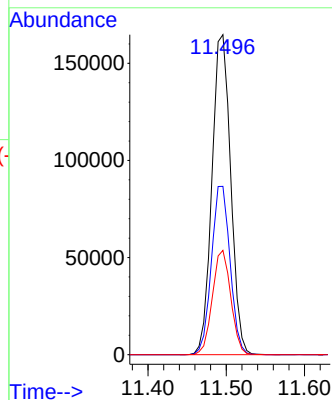
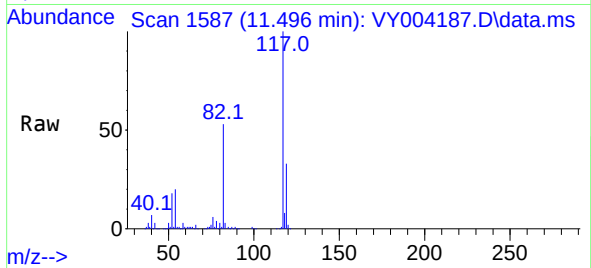


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004187.D
Acq: 24 Mar 2021 14:48

Instrument :
MSVOA_Y
ClientSampleId :
11979

Tgt Ion:117 Resp: 273740

Ion	Ratio	Lower	Upper
117	100		
82	52.6	43.8	65.6
119	32.6	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004187.D
Acq: 24 Mar 2021 14:48

Tgt Ion:152 Resp: 107637

Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.2	84.6
150	156.8	0.0	347.2

