

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020321\
 Data File : VY003979.D
 Acq On : 03 Feb 2021 22:54
 Operator : SY/MD
 Sample : M1291-15
 Misc : 5.37g/5mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU421-008-1015

Quant Time: Feb 04 01:25:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 01 00:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	29753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	43953	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	38692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	17594	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	16809	51.38	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.76%
35) Dibromofluoromethane	7.728	113	14297	55.63	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.26%
50) Toluene-d8	10.185	98	52271	51.83	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.66%
62) 4-Bromofluorobenzene	12.483	95	16976	46.18	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.36%

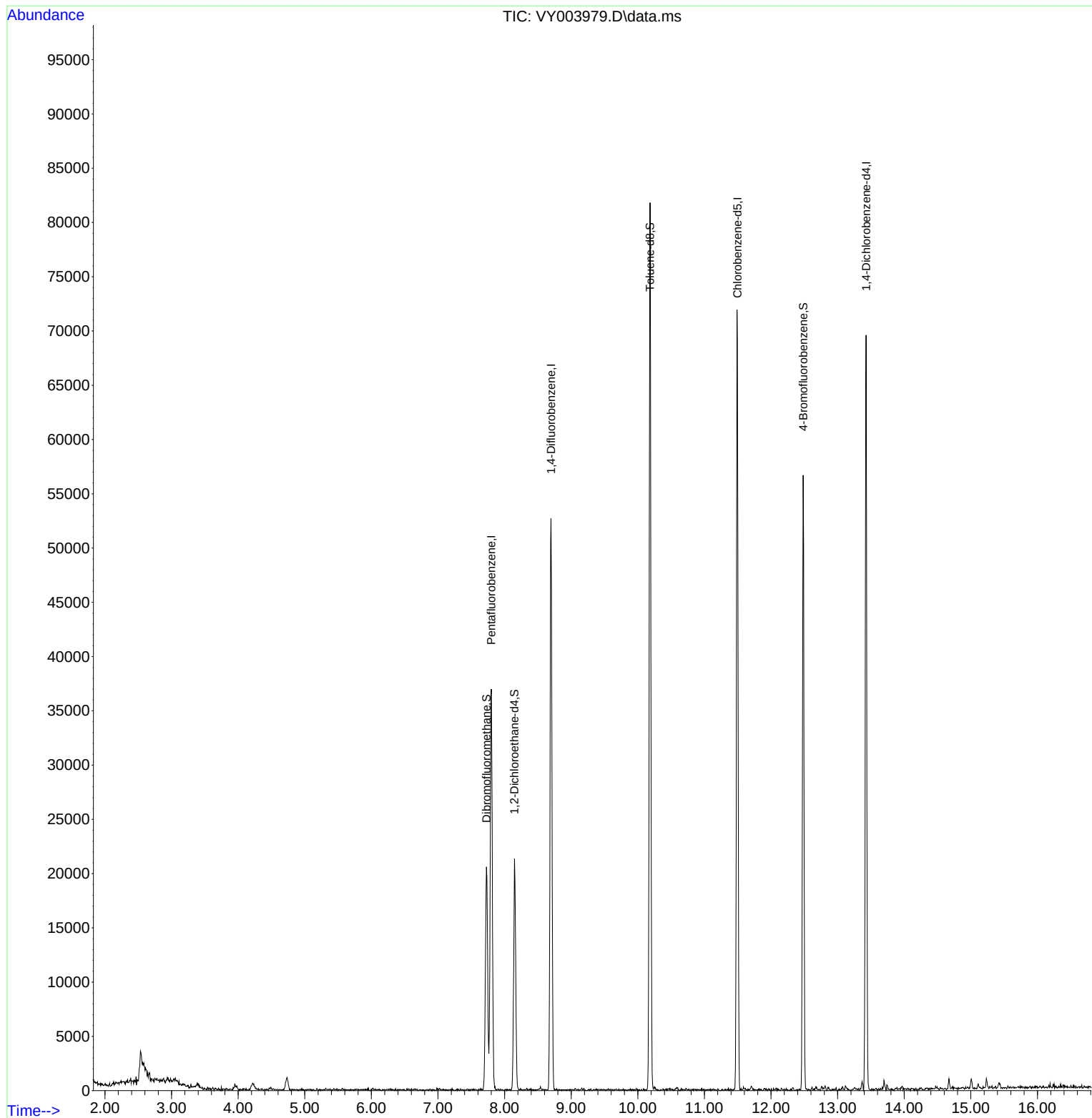
Target Compounds	Qvalue

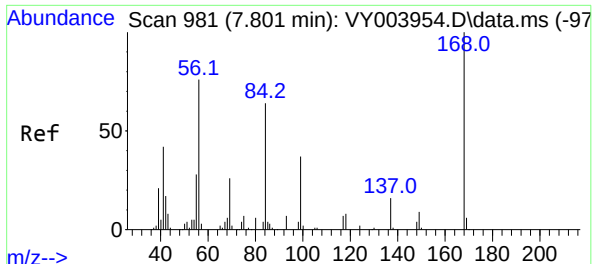
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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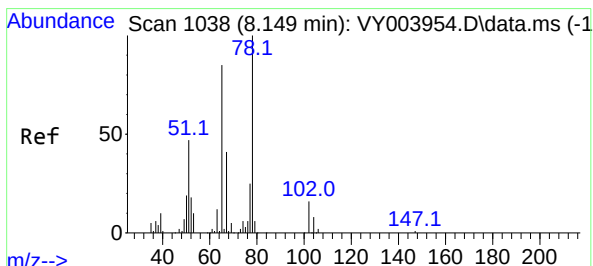
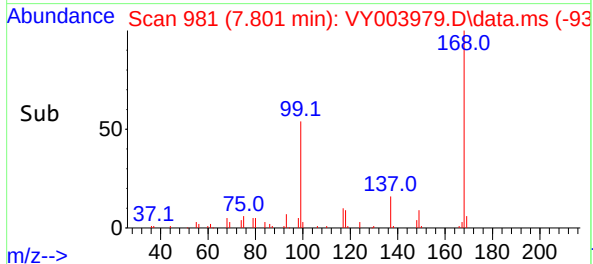
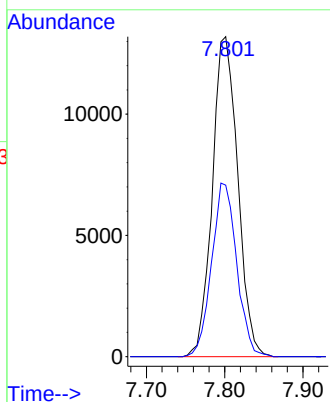
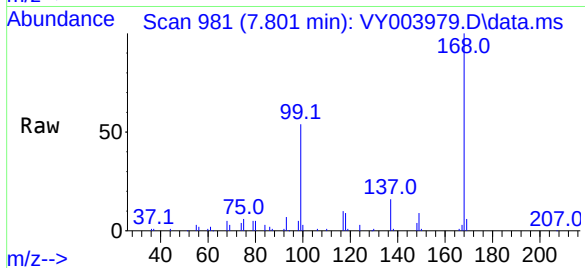




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY003979.D
Acq: 03 Feb 2021 22:54

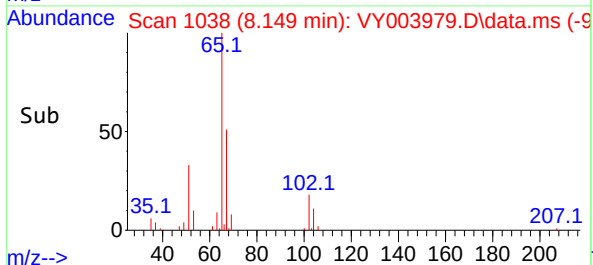
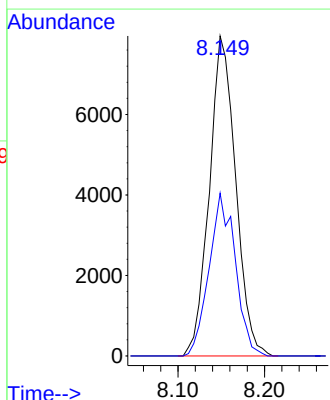
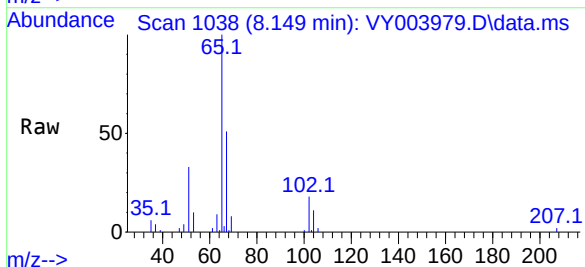
Instrument :
MSVOA_Y
ClientSampleId :
OU421-008-1015

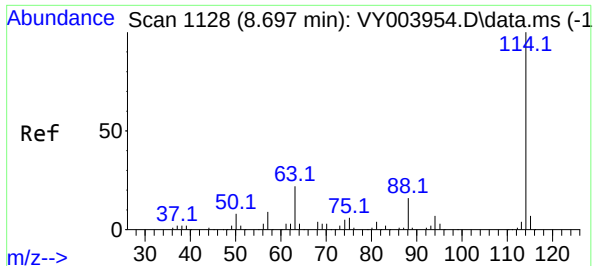
Tgt Ion:168 Resp: 29753
Ion Ratio Lower Upper
168 100
99 53.6 46.1 69.1



#33
1,2-Dichloroethane-d4
Concen: 51.38 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY003979.D
Acq: 03 Feb 2021 22:54

Tgt Ion: 65 Resp: 16809
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.8

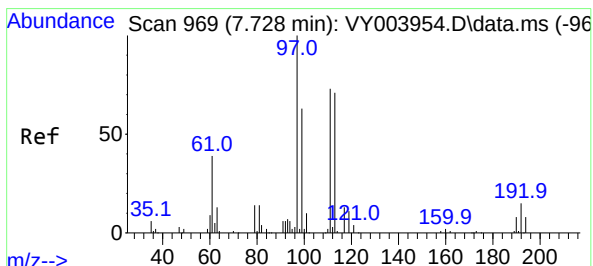
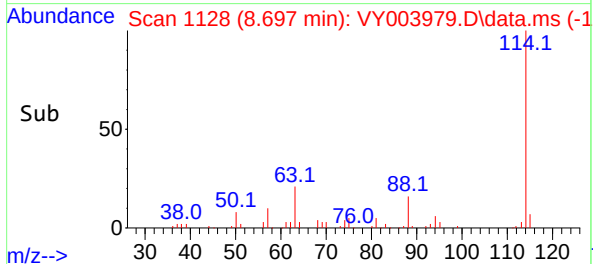
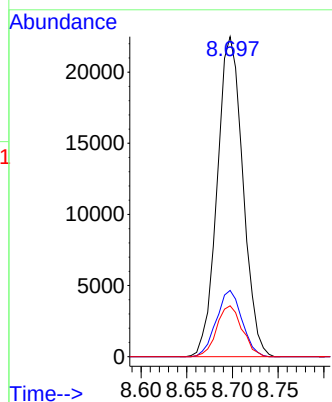
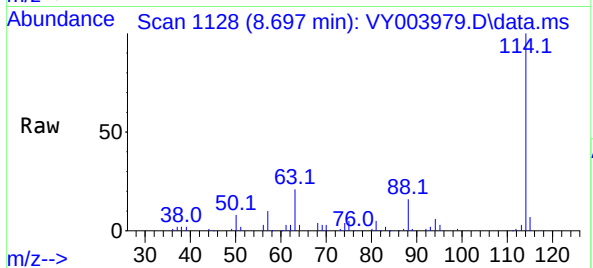




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY003979.D
Acq: 03 Feb 2021 22:54

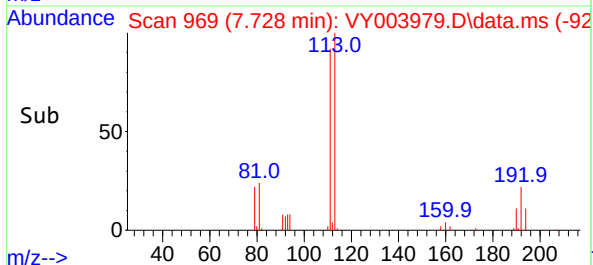
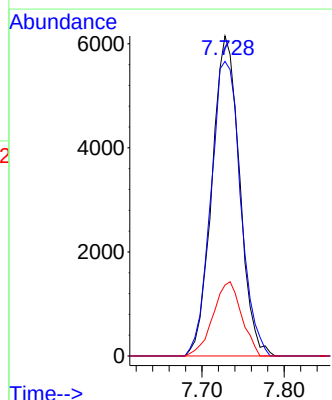
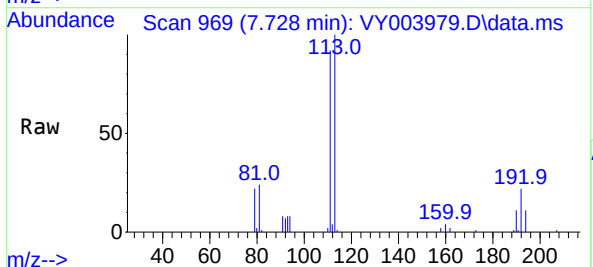
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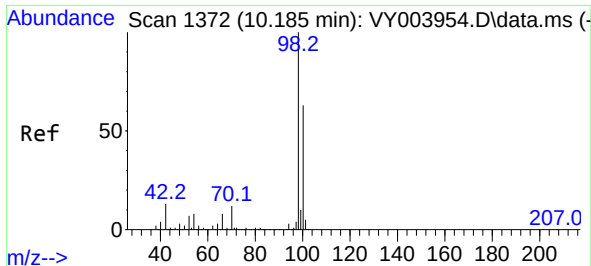
Tgt Ion:114	Resp:	43953
Ion Ratio	Lower	Upper
114	100	
63	20.7	0.0 47.2
88	15.9	0.0 30.2



#35
Dibromofluoromethane
Concen: 55.63 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY003979.D
Acq: 03 Feb 2021 22:54

Tgt Ion:113	Resp:	14297
Ion Ratio	Lower	Upper
113	100	
111	99.2	82.2 123.4
192	24.0	18.3 27.5

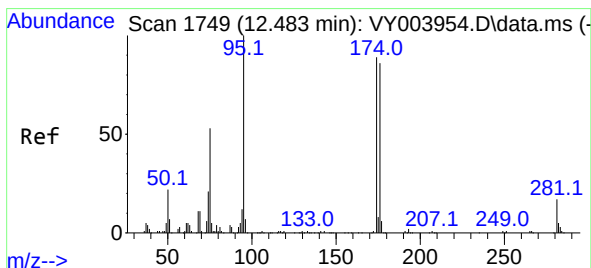
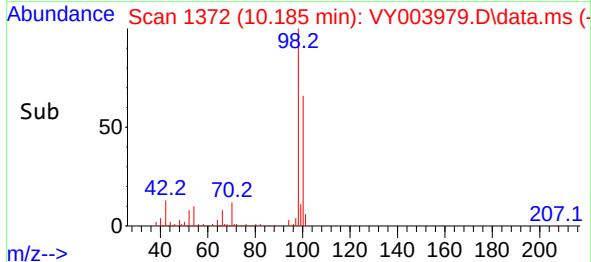
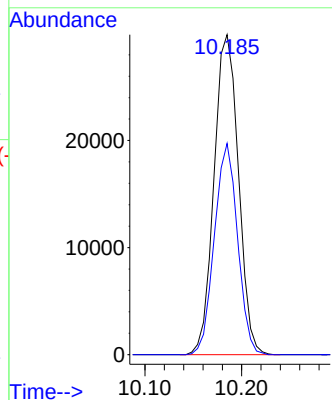
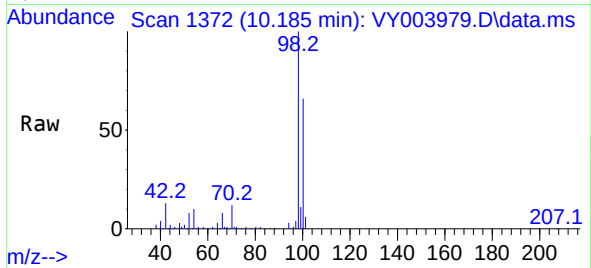




#50
Toluene-d8
Concen: 51.83 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY003979.D
Acq: 03 Feb 2021 22:54

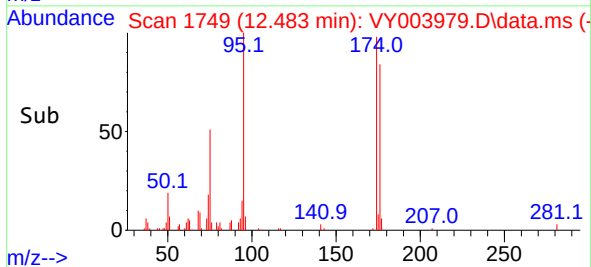
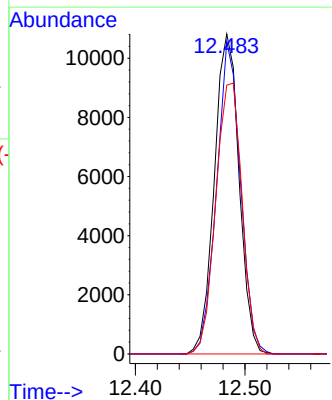
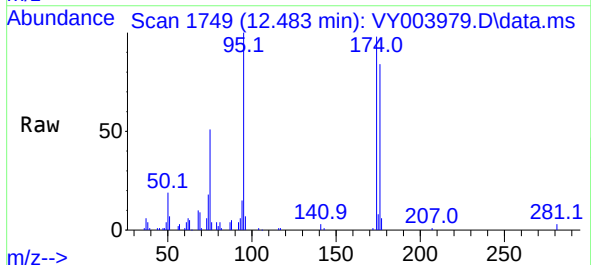
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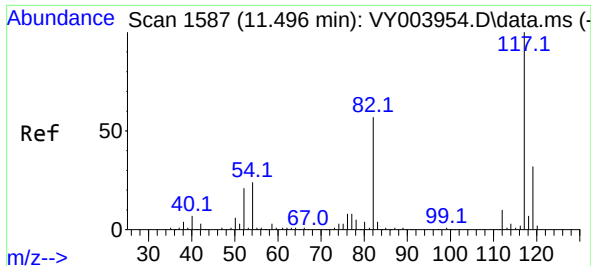
Tgt Ion: 98 Resp: 52271
Ion Ratio Lower Upper
98 100
100 62.7 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 46.18 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY003979.D
Acq: 03 Feb 2021 22:54

Tgt Ion: 95 Resp: 16976
Ion Ratio Lower Upper
95 100
174 94.0 0.0 184.4
176 89.7 0.0 177.2

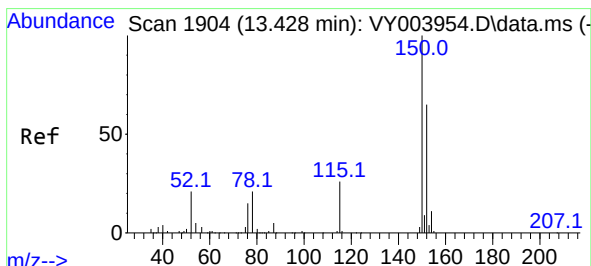
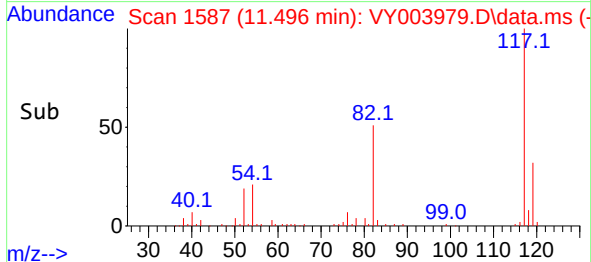
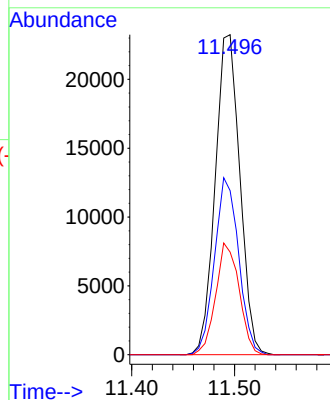
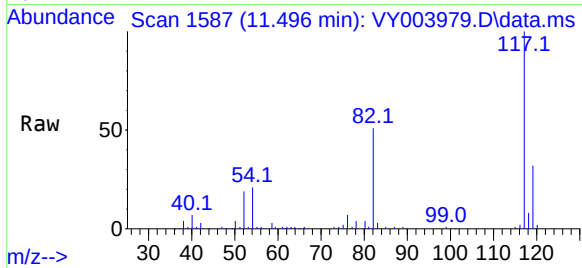




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY003979.D
Acq: 03 Feb 2021 22:54

Instrument :
MSVOA_Y
ClientSampleId :
OU421-008-1015

Tgt Ion:	117	Resp:	38692
Ion	Ratio	Lower	Upper
117	100		
82	51.3	44.3	66.5
119	32.0	25.0	37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY003979.D
Acq: 03 Feb 2021 22:54

Tgt Ion:	152	Resp:	17594
Ion	Ratio	Lower	Upper
152	100		
115	59.6	28.2	84.6
150	158.4	0.0	356.2

