

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041421\
 Data File : VY004420.D
 Acq On : 14 Apr 2021 14:40
 Operator : SY/MD
 Sample : M2025-07
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2

Quant Time: Apr 15 01:07:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	168932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	298634	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	283459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129735	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	106281	56.62	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.24%	
35) Dibromofluoromethane	7.728	113	91083	54.96	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.92%	
50) Toluene-d8	10.185	98	368762	52.31	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.62%	
62) 4-Bromofluorobenzene	12.483	95	126659	52.95	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.90%	

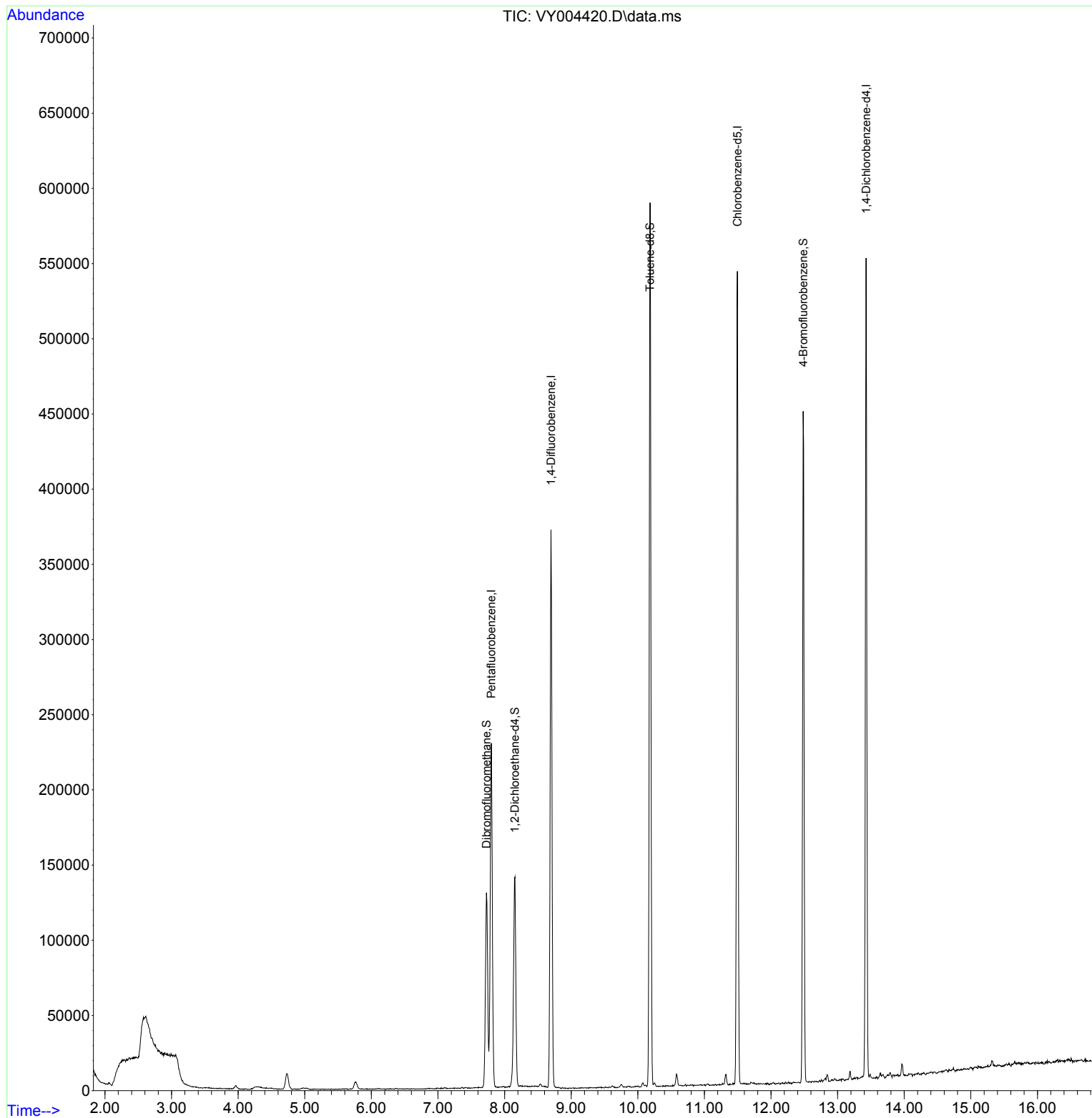
Target Compounds	Qvalue

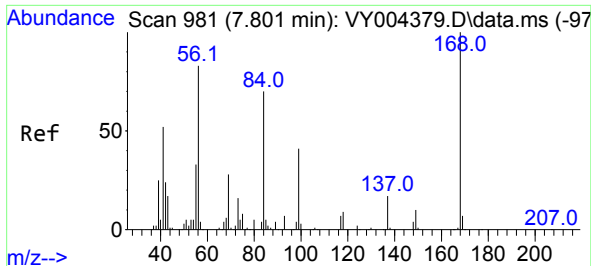
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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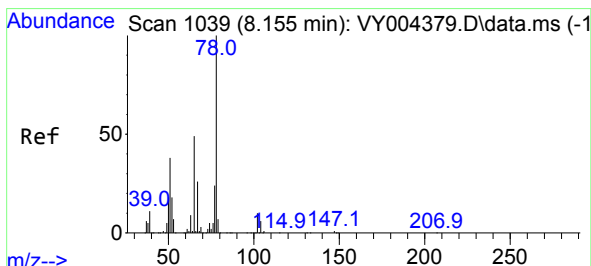
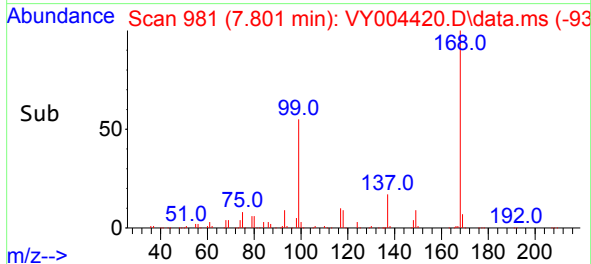
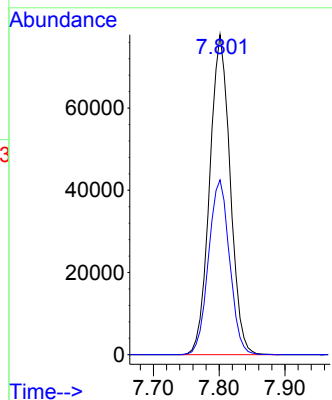
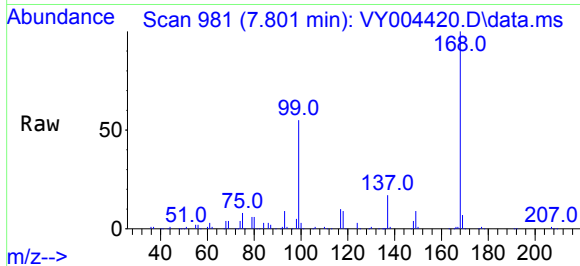




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004420.D
Acq: 14 Apr 2021 14:40

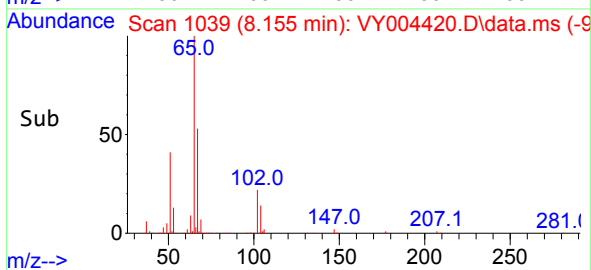
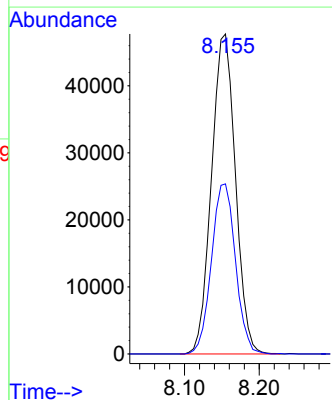
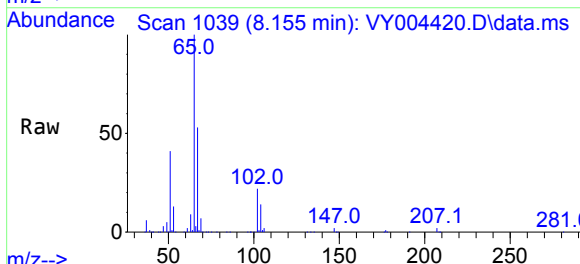
Instrument :
MSVOA_Y
ClientSampled :
WC-2

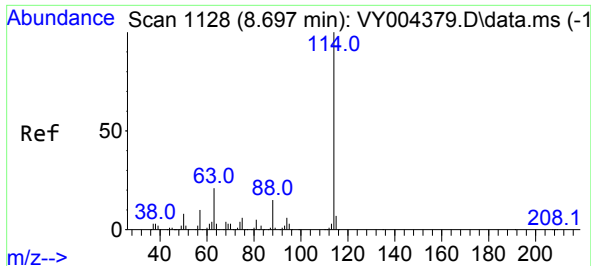
Tgt Ion:168 Resp: 168932
Ion Ratio Lower Upper
168 100
99 54.6 45.5 68.3



#33
1,2-Dichloroethane-d4
Concen: 56.62 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004420.D
Acq: 14 Apr 2021 14:40

Tgt Ion: 65 Resp: 106281
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.4

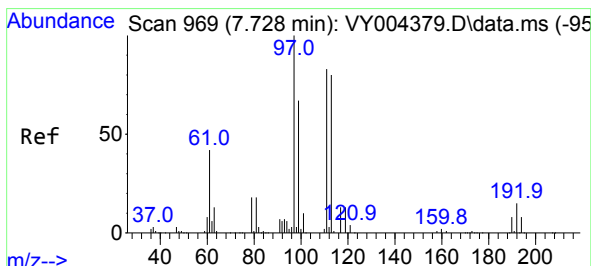
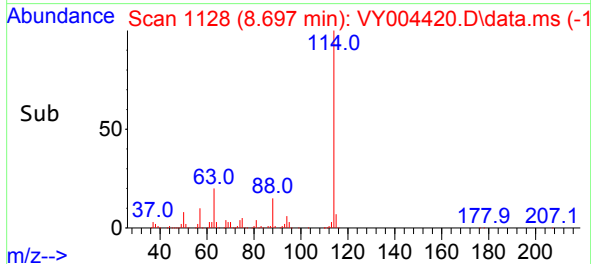
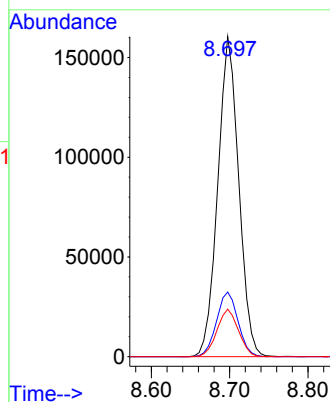
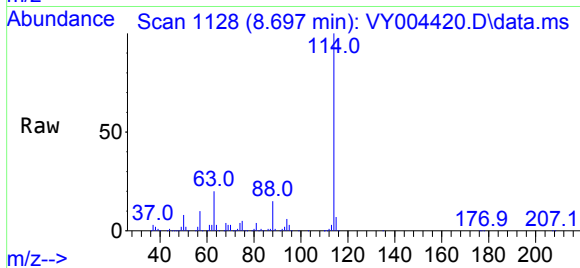




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004420.D
Acq: 14 Apr 2021 14:40

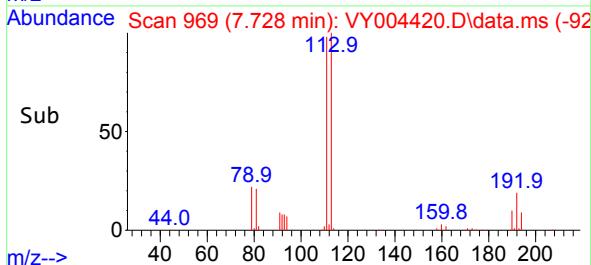
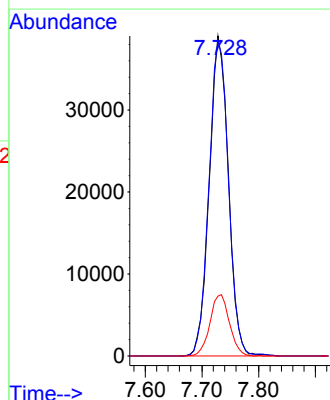
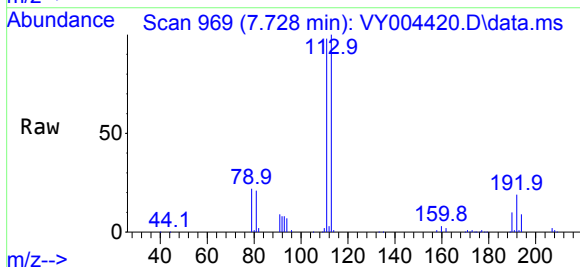
Instrument :
MSVOA_Y
ClientSampled :
WC-2

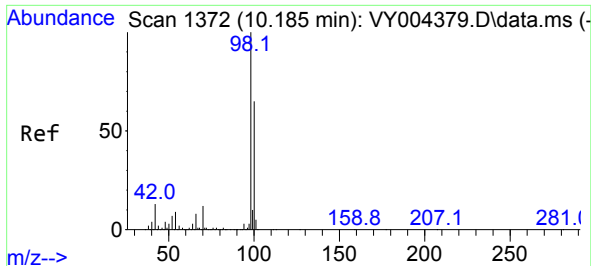
Tgt Ion:	114	Resp:	298634
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	42.4
88	14.8	0.0	30.8



#35
Dibromofluoromethane
Concen: 54.96 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004420.D
Acq: 14 Apr 2021 14:40

Tgt Ion:	113	Resp:	91083
Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.6	123.8
192	19.6	16.1	24.1

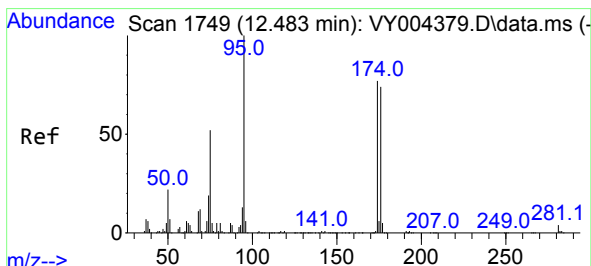
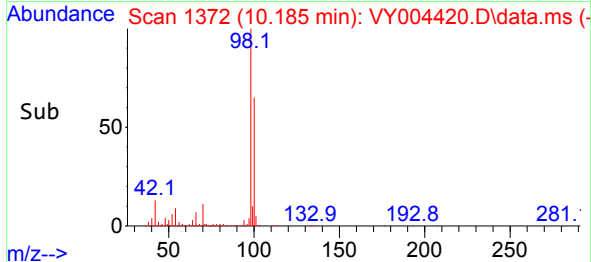
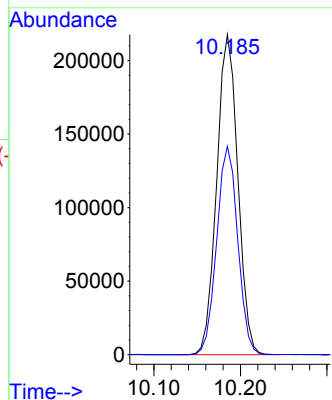
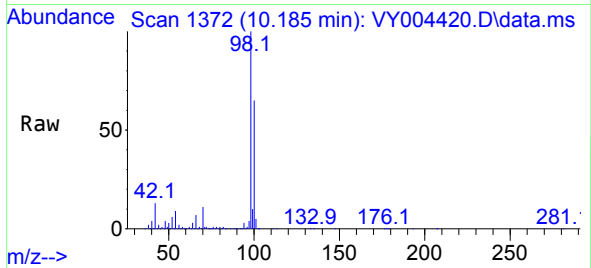




#50
Toluene-d8
Concen: 52.31 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004420.D
Acq: 14 Apr 2021 14:40

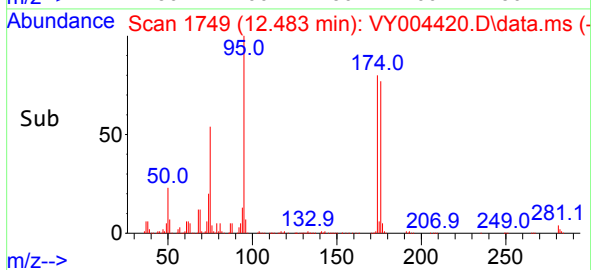
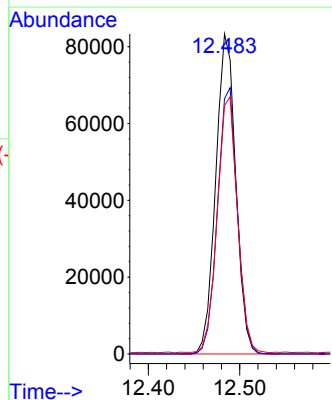
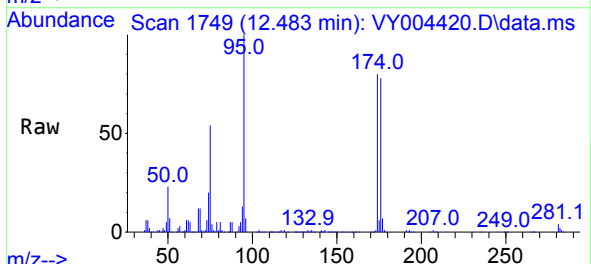
Instrument :
MSVOA_Y
ClientSampled :
WC-2

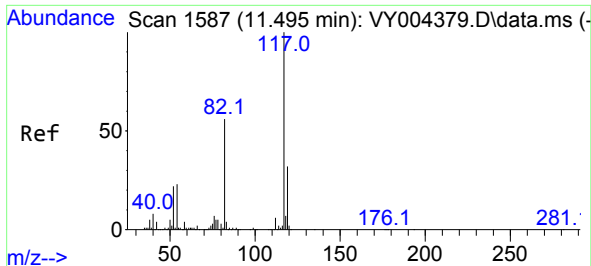
Tgt Ion: 98 Resp: 368762
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.95 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004420.D
Acq: 14 Apr 2021 14:40

Tgt Ion: 95 Resp: 126659
Ion Ratio Lower Upper
95 100
174 82.8 0.0 162.4
176 80.8 0.0 156.0

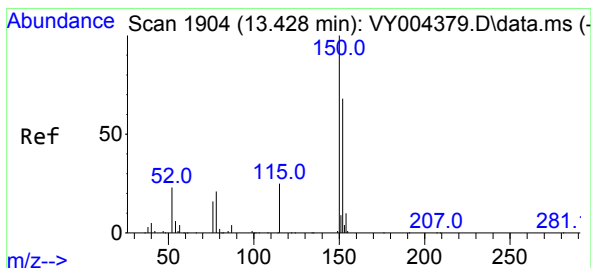
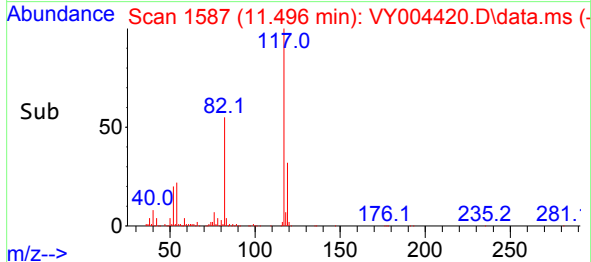
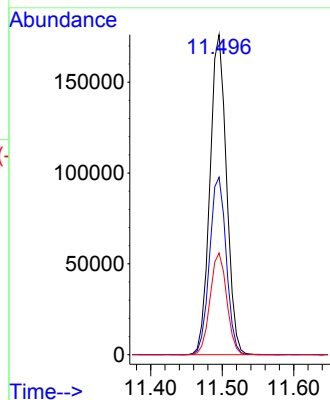
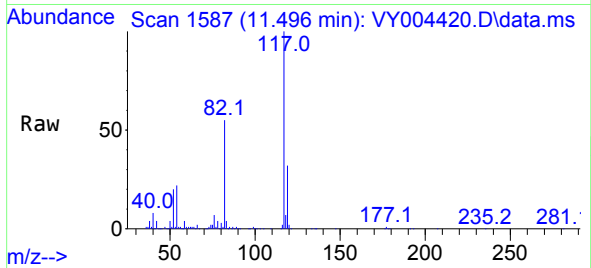




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004420.D
Acq: 14 Apr 2021 14:40

Instrument :
MSVOA_Y
ClientSampleId :
WC-2

Tgt Ion:	117	Resp:	283459
Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.9	67.3
119	31.7	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004420.D
Acq: 14 Apr 2021 14:40

Tgt Ion:	152	Resp:	129735
Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.6	88.8
150	157.5	0.0	348.4

