

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042621\
 Data File : VY004634.D
 Acq On : 26 Apr 2021 16:59
 Operator : SY/MD
 Sample : M2176-12
 Misc : 5.74G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCKPILE-VOC-8

Quant Time: Apr 27 09:34:33 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	121700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	212312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	189827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70950	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	78766	58.25	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.50%
35) Dibromofluoromethane	7.728	113	62379	52.94	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.88%
50) Toluene-d8	10.185	98	260593	52.00	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.00%
62) 4-Bromofluorobenzene	12.483	95	80235	47.18	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.36%

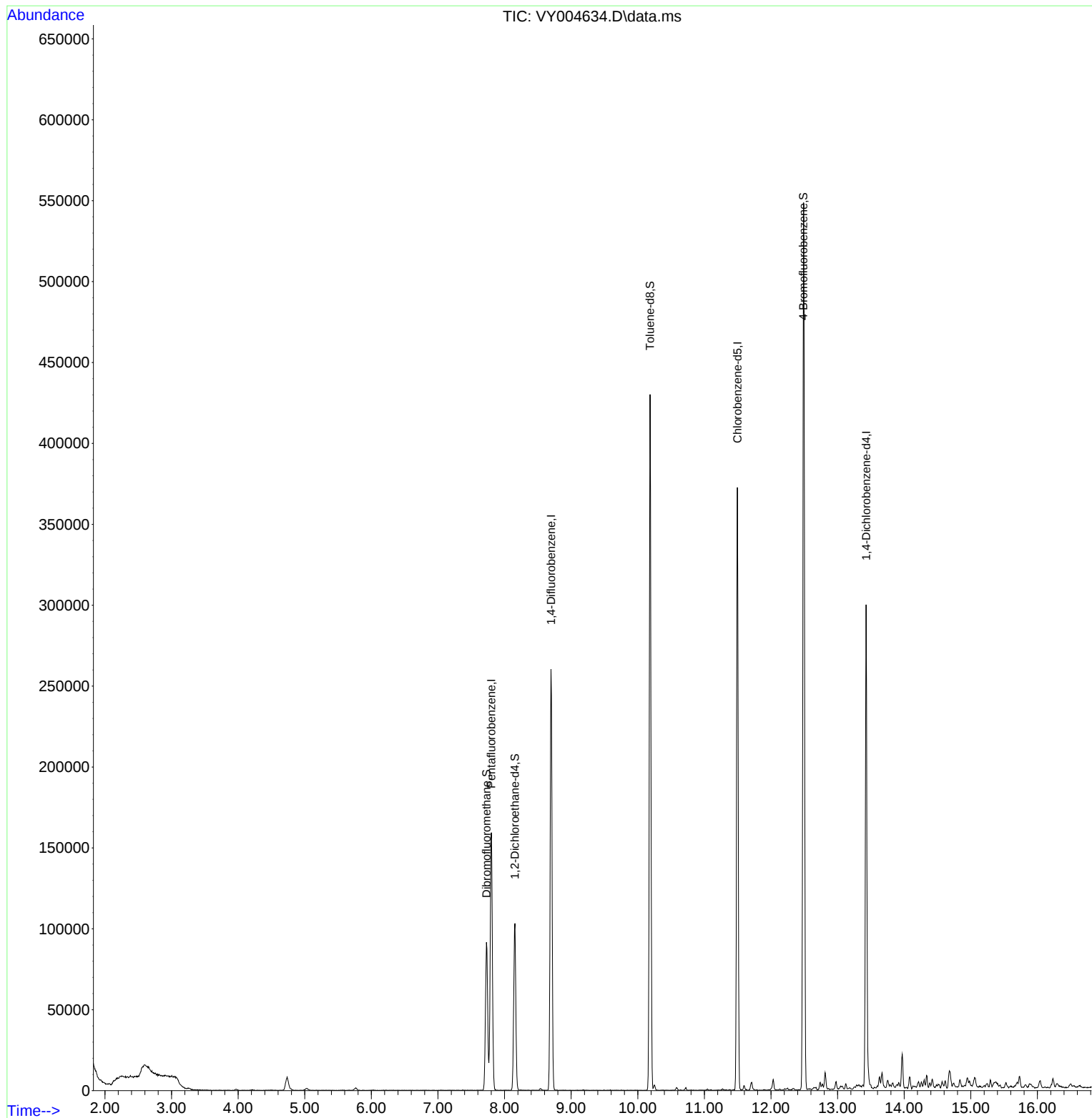
Target Compounds	Qvalue

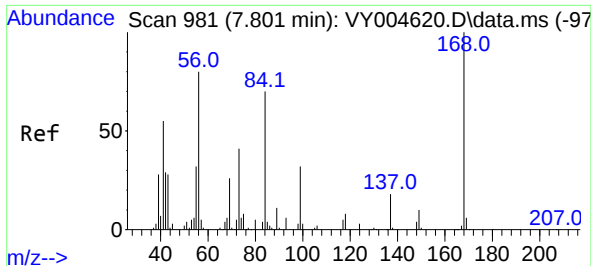
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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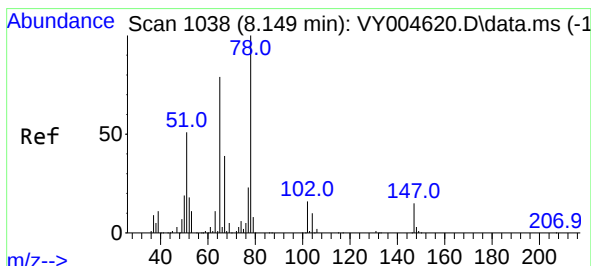
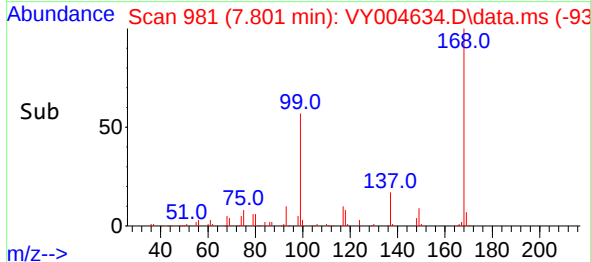
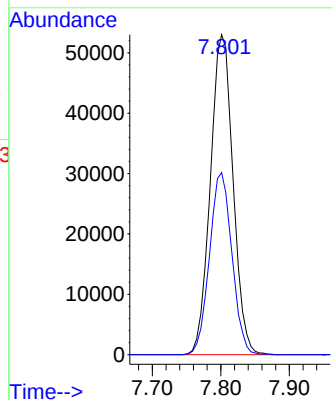
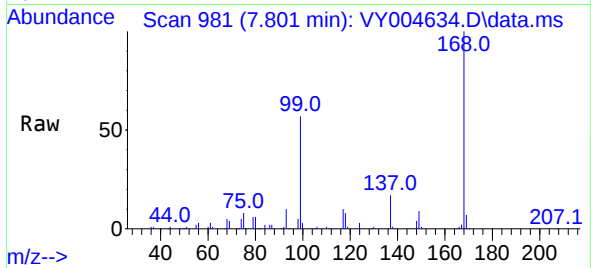




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004634.D
Acq: 26 Apr 2021 16:59

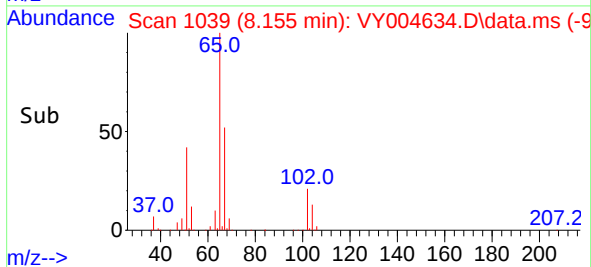
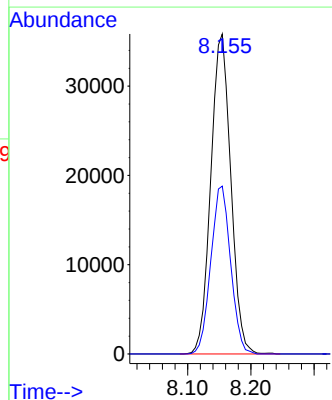
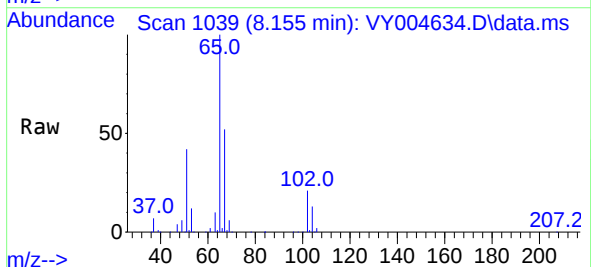
Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-VOC-8

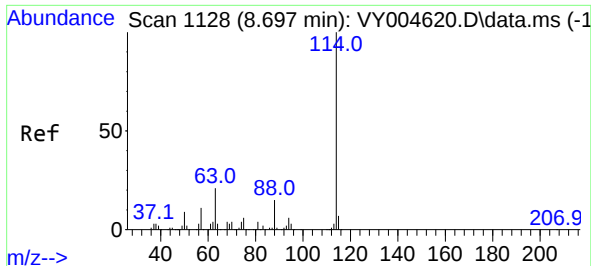
Tgt Ion:168 Resp: 121700
Ion Ratio Lower Upper
168 100
99 56.9 45.5 68.3



#33
1,2-Dichloroethane-d4
Concen: 58.25 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004634.D
Acq: 26 Apr 2021 16:59

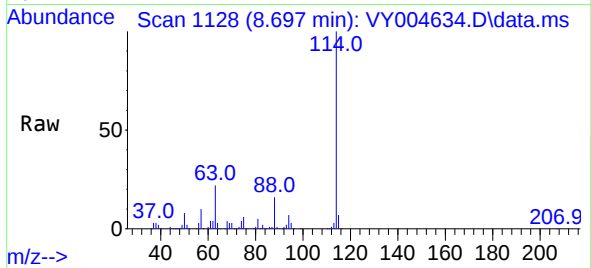
Tgt Ion: 65 Resp: 78766
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.4



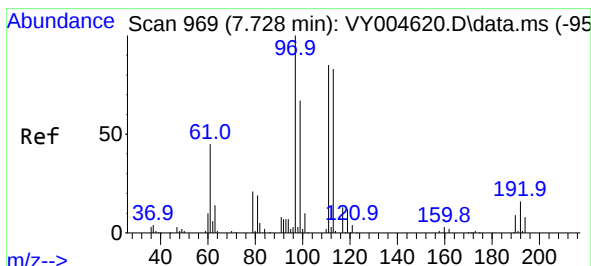
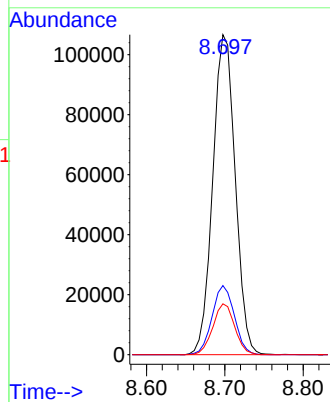
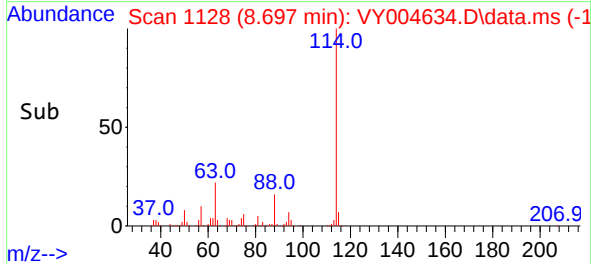


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004634.D
Acq: 26 Apr 2021 16:59

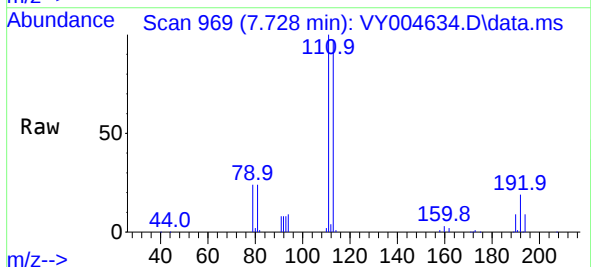
Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-VOC-8



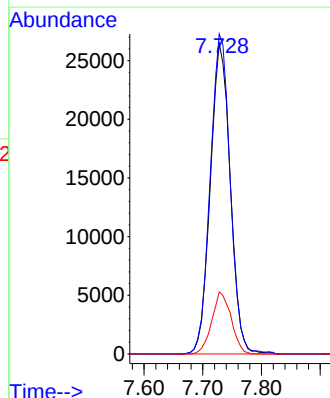
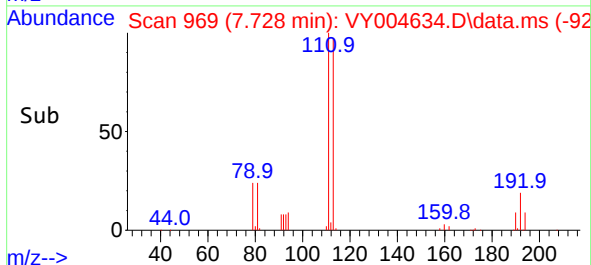
Tgt Ion:114 Resp: 212312
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.4
88 15.9 0.0 30.8

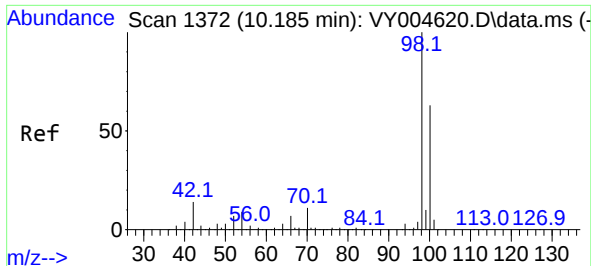


#35
Dibromofluoromethane
Concen: 52.94 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004634.D
Acq: 26 Apr 2021 16:59



Tgt Ion:113 Resp: 62379
Ion Ratio Lower Upper
113 100
111 103.1 82.6 123.8
192 19.4 16.1 24.1

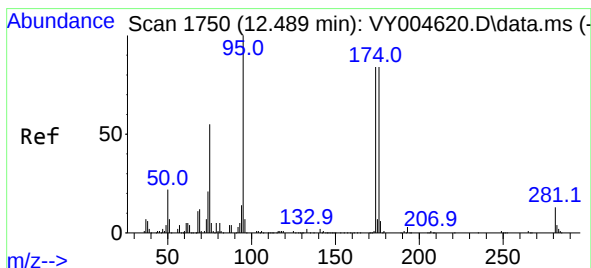
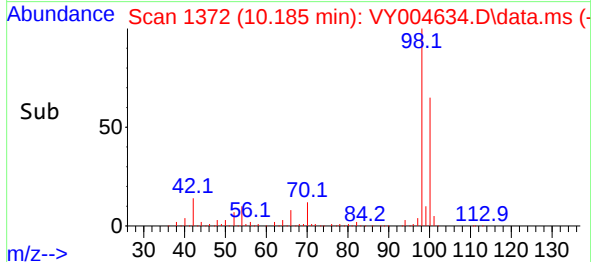
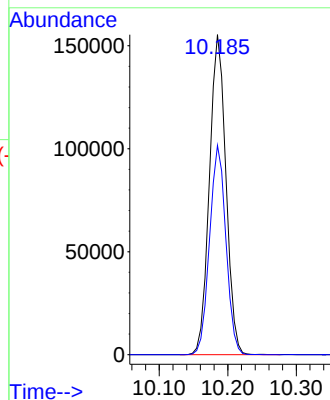
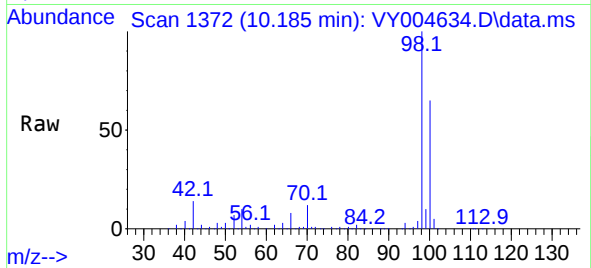




#50
Toluene-d8
Concen: 52.00 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004634.D
Acq: 26 Apr 2021 16:59

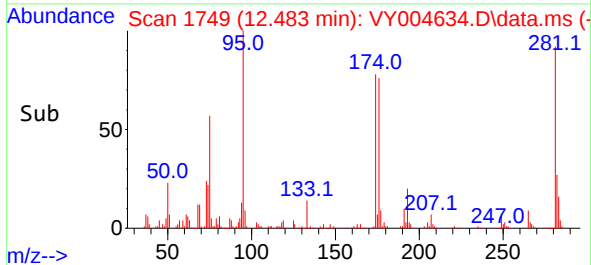
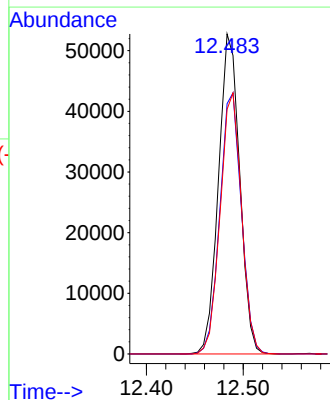
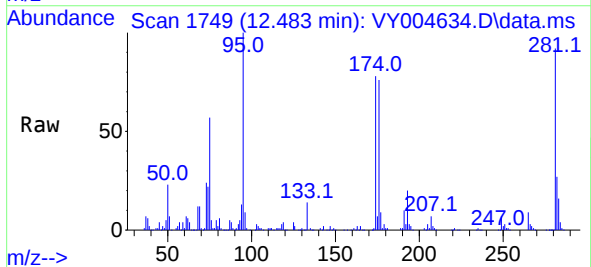
Instrument :
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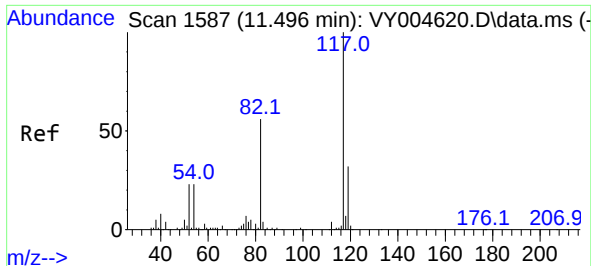
Tgt Ion: 98 Resp: 260593
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.18 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004634.D
Acq: 26 Apr 2021 16:59

Tgt Ion: 95 Resp: 80235
Ion Ratio Lower Upper
95 100
174 82.8 0.0 162.4
176 81.8 0.0 156.0

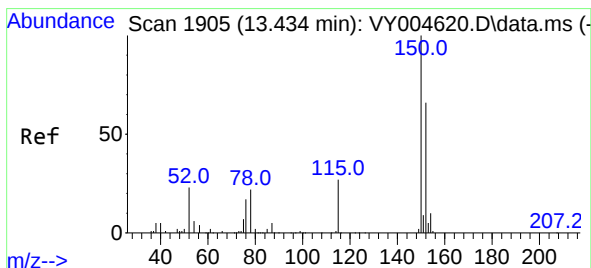
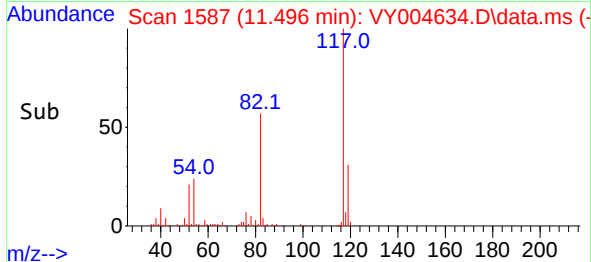
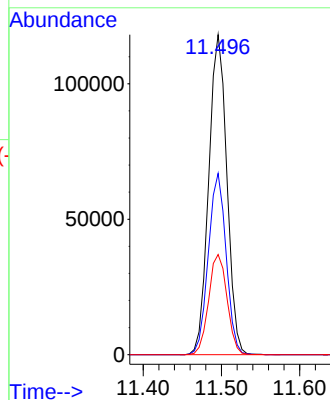
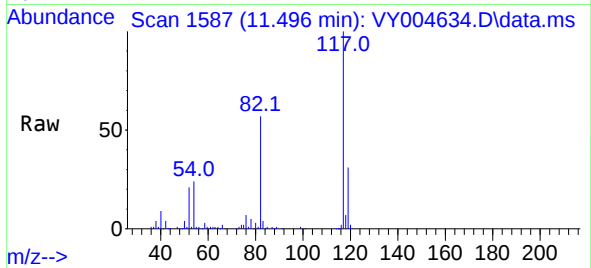




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004634.D
Acq: 26 Apr 2021 16:59

Instrument :
MSVOA_Y
ClientSampleId :
STOCKPILE-VOC-8

Tgt Ion:117	Resp:	189827
Ion	Ratio	Lower Upper
117	100	
82	56.7	44.9 67.3
119	31.3	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: VY004634.D
Acq: 26 Apr 2021 16:59

Tgt Ion:152	Resp:	70950
Ion	Ratio	Lower Upper
152	100	
115	59.5	29.6 88.8
150	157.8	0.0 348.4

