

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042921\
 Data File : VY004660.D
 Acq On : 29 Apr 2021 15:39
 Operator : SY/MD
 Sample : M2222-05
 Misc : 6.32G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5-VOC-TCL

Quant Time: Apr 30 04:33:14 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)

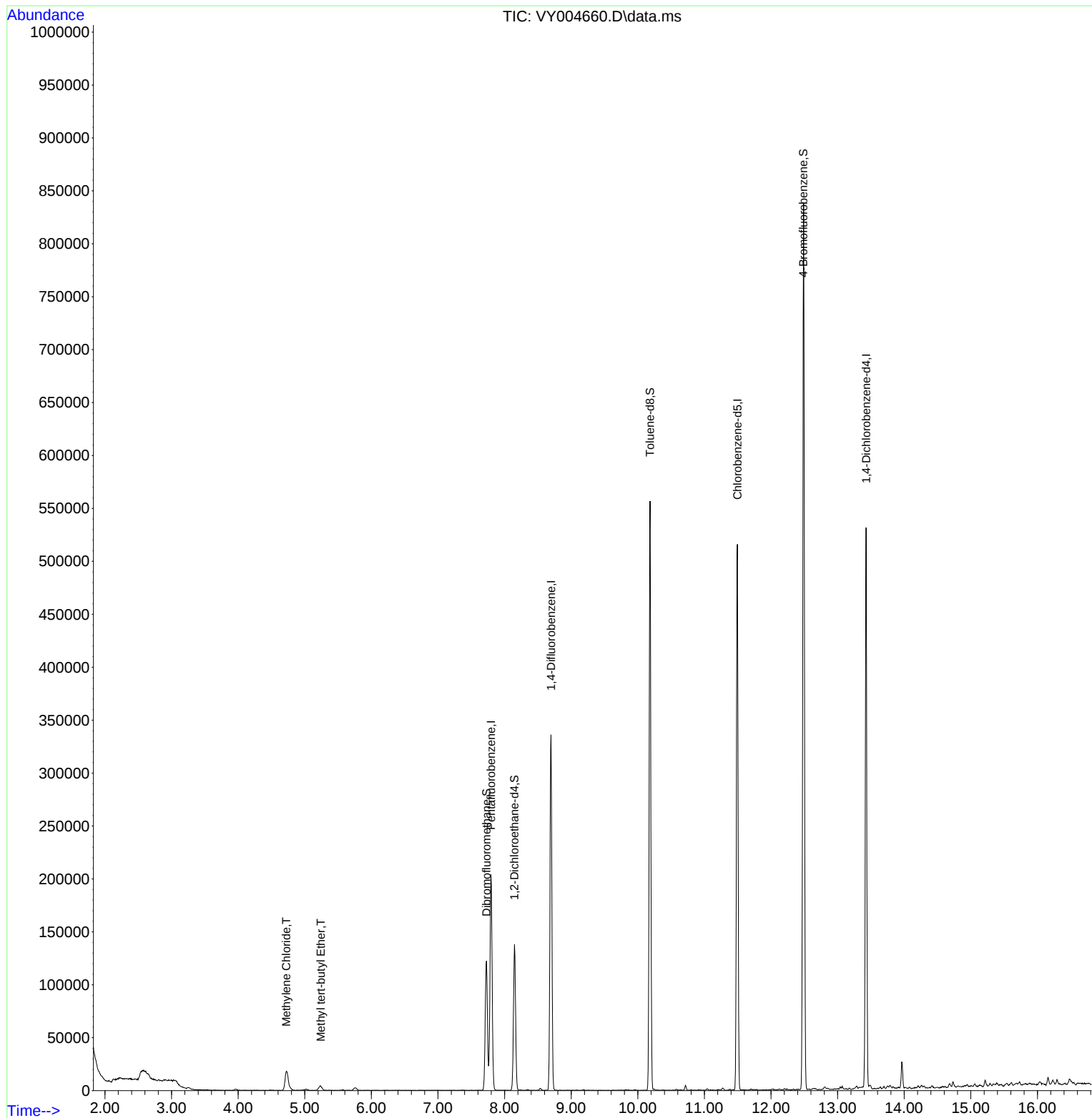
Internal Standards						
1) Pentafluorobenzene	7.795	168	151532	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	272445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	265685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123542	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	106689	63.37	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.74%	
35) Dibromofluoromethane	7.728	113	84053	55.59	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.18%	
50) Toluene-d8	10.185	98	339815	52.84	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.68%	
62) 4-Bromofluorobenzene	12.483	95	123664	56.66	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.32%	
Target Compounds						
19) Methyl tert-butyl Ether	5.241	73	6520	1.48	ug/l	91
20) Methylene Chloride	4.722	84	13443	8.27	ug/l	97

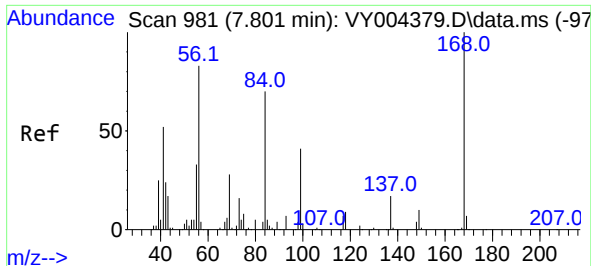
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042921\
Data File : VY004660.D
Acq On : 29 Apr 2021 15:39
Operator : SY/MD
Sample : M2222-05
Misc : 6.32G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-5-VOC-TCL

Quant Time: Apr 30 04:33:14 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

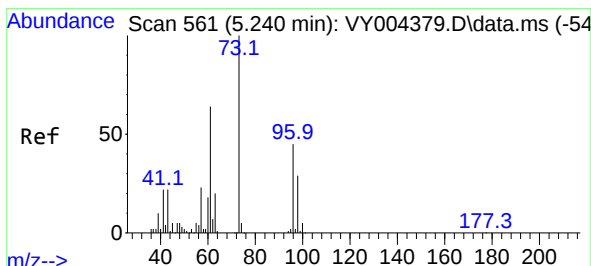
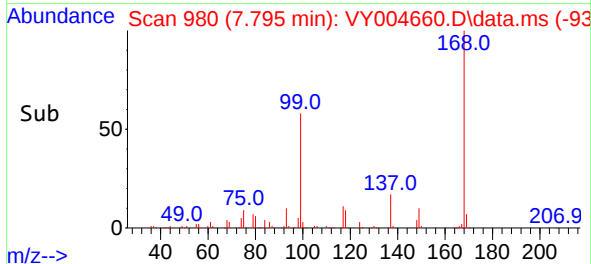
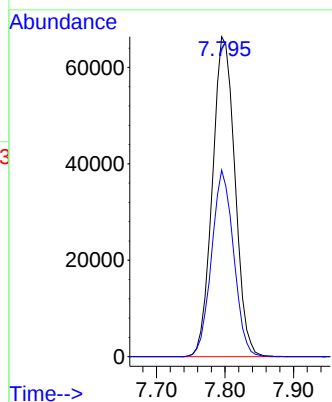
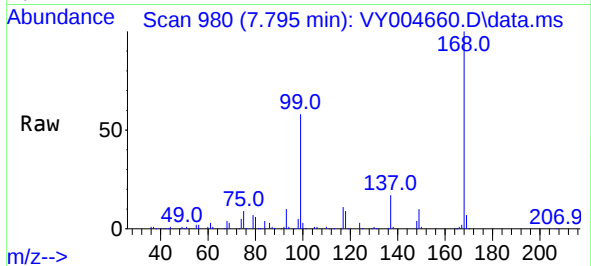




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004660.D
Acq: 29 Apr 2021 15:39

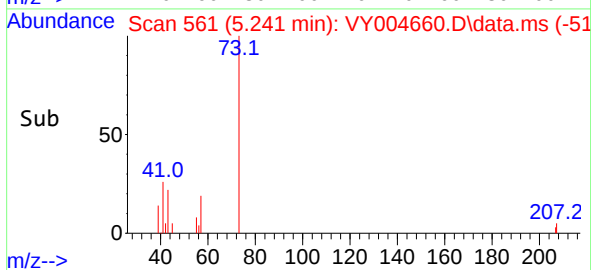
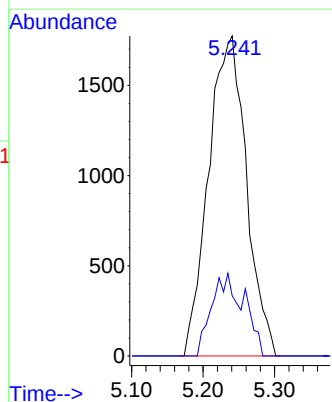
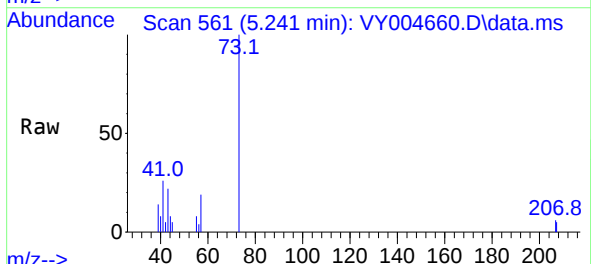
Instrument :
MSVOA_Y
ClientSampleId :
TP-5-VOC-TCL

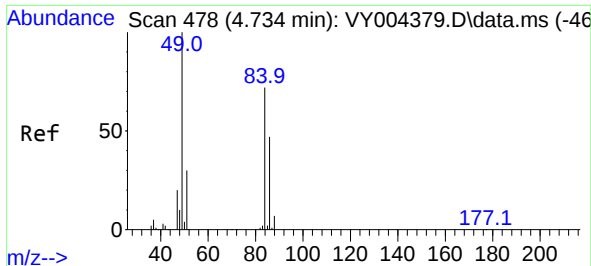
Tgt Ion:168 Resp: 151532
Ion Ratio Lower Upper
168 100
99 58.3 45.5 68.3



#19
Methyl tert-butyl Ether
Concen: 1.48 ug/l
RT: 5.241 min Scan# 561
Delta R.T. 0.000 min
Lab File: VY004660.D
Acq: 29 Apr 2021 15:39

Tgt Ion: 73 Resp: 6520
Ion Ratio Lower Upper
73 100
57 18.8 18.4 27.6

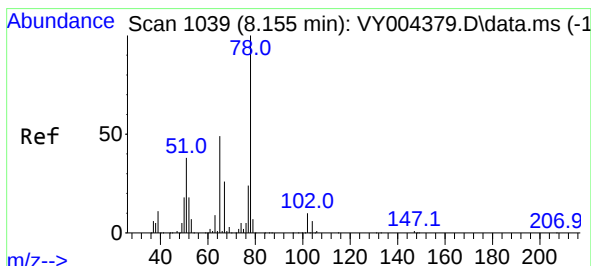
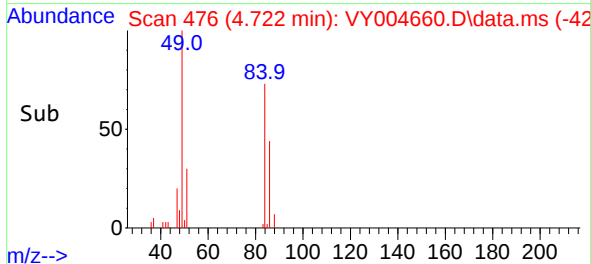
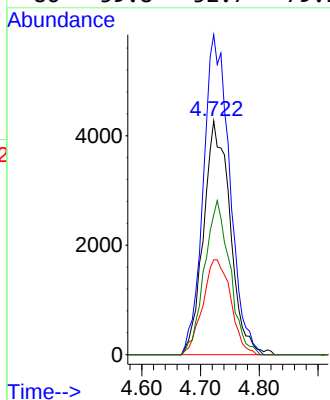
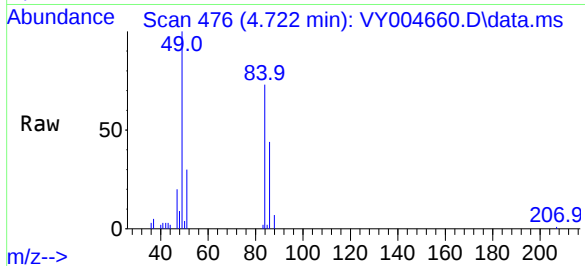




#20
Methylene Chloride
Concen: 8.27 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY004660.D
Acq: 29 Apr 2021 15:39

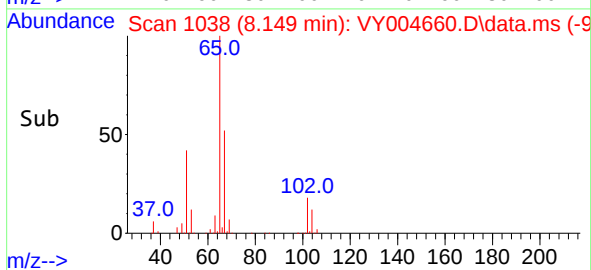
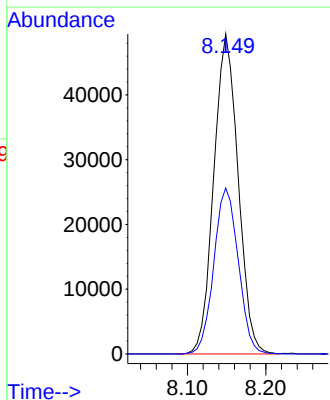
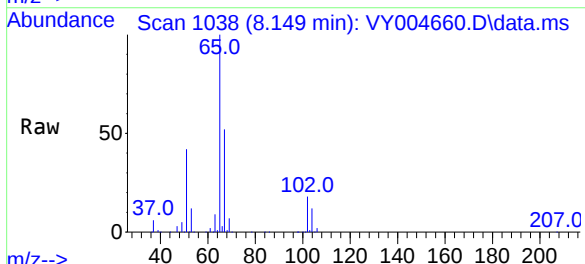
Instrument :
MSVOA_Y
ClientSampleId :
TP-5-VOC-TCL

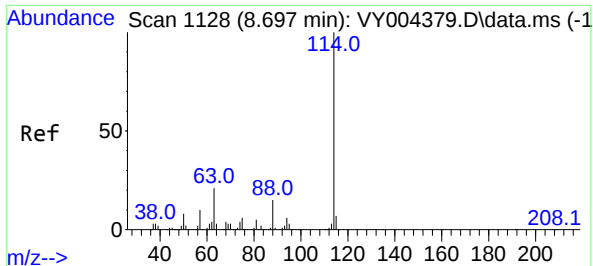
Tgt Ion: 84 Resp: 13443
Ion Ratio Lower Upper
84 100
49 136.9 111.2 166.8
51 40.6 33.4 50.2
86 59.8 52.7 79.1



#33
1,2-Dichloroethane-d4
Concen: 63.37 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004660.D
Acq: 29 Apr 2021 15:39

Tgt Ion: 65 Resp: 106689
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.4

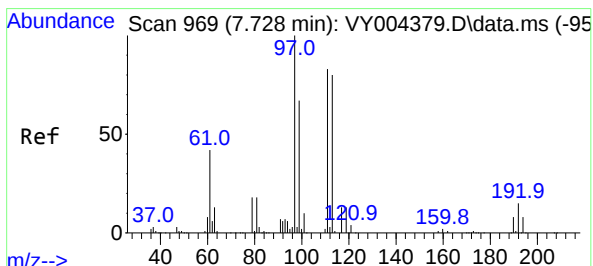
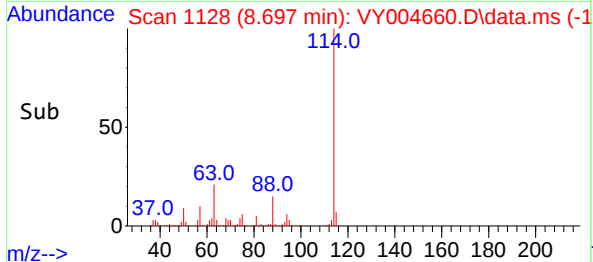
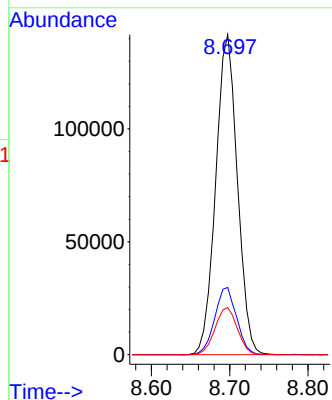
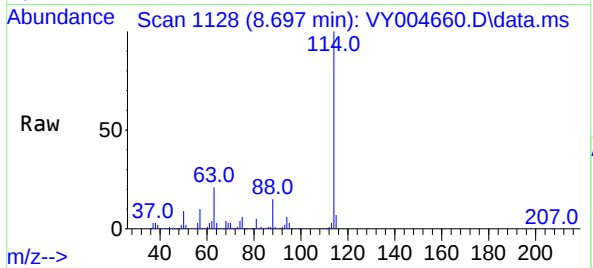




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004660.D
Acq: 29 Apr 2021 15:39

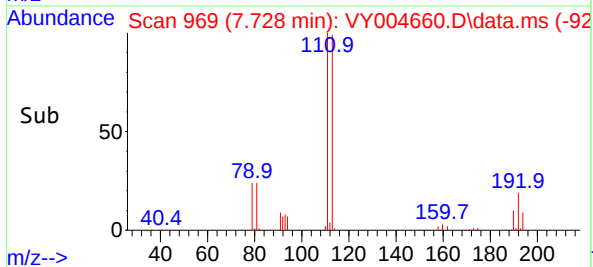
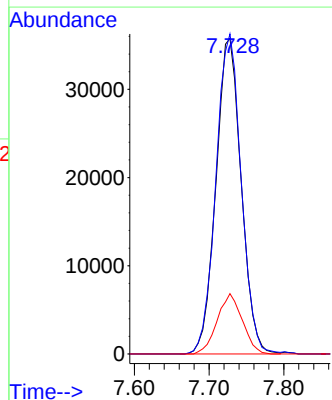
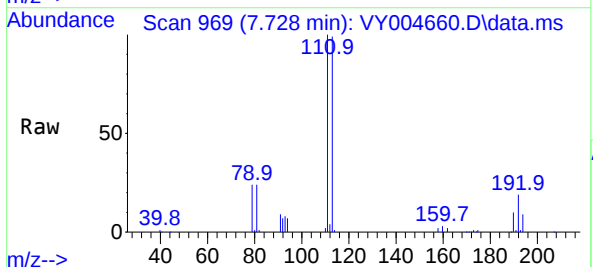
Instrument :
MSVOA_Y
ClientSampleId :
TP-5-VOC-TCL

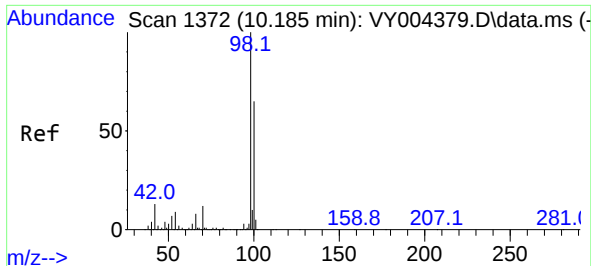
Tgt Ion:	114	Resp:	272445
Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	42.4
88	14.7	0.0	30.8



#35
Dibromofluoromethane
Concen: 55.59 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004660.D
Acq: 29 Apr 2021 15:39

Tgt Ion:	113	Resp:	84053
Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.6	123.8
192	19.0	16.1	24.1

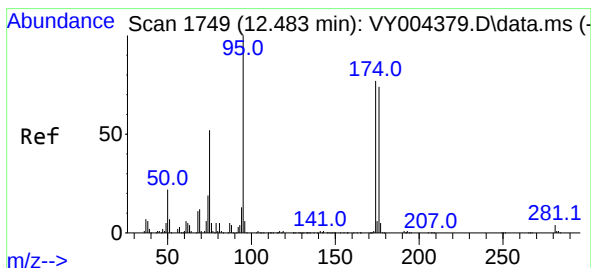
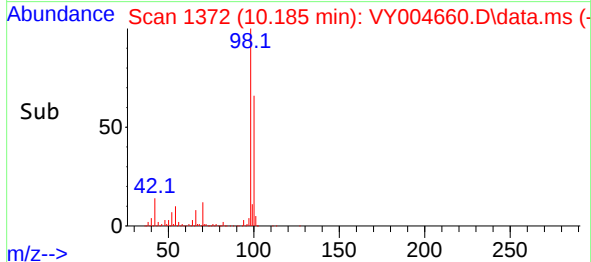
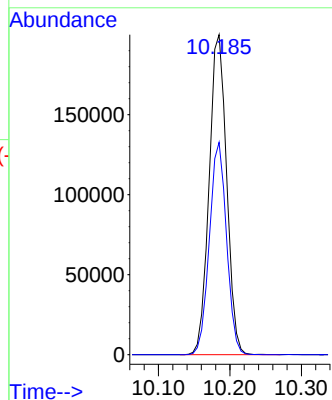
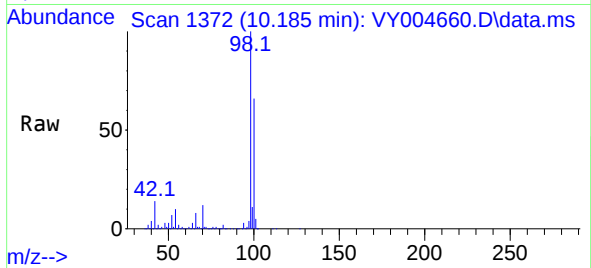




#50
Toluene-d8
Concen: 52.84 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004660.D
Acq: 29 Apr 2021 15:39

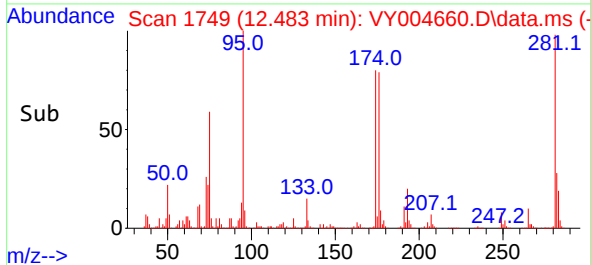
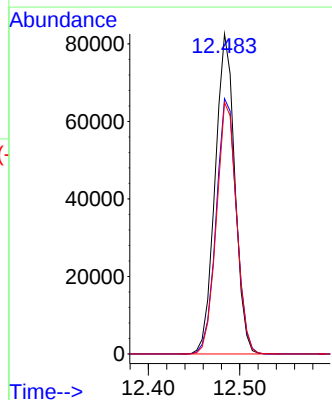
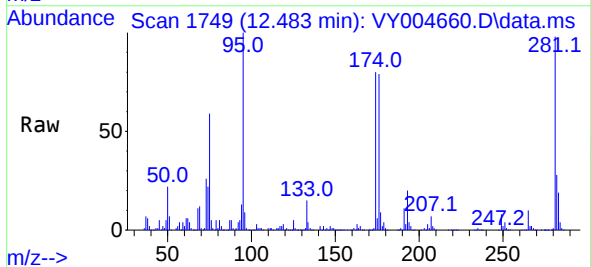
Instrument :
MSVOA_Y
ClientSampleId :
TP-5-VOC-TCL

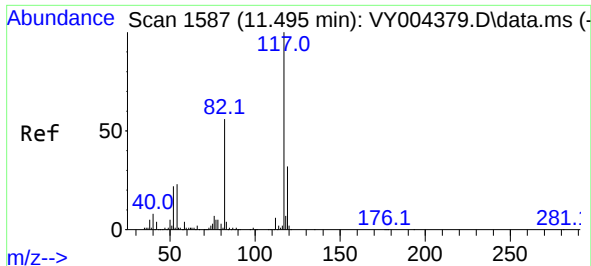
Tgt Ion: 98 Resp: 339815
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 56.66 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004660.D
Acq: 29 Apr 2021 15:39

Tgt Ion: 95 Resp: 123664
Ion Ratio Lower Upper
95 100
174 82.0 0.0 162.4
176 79.9 0.0 156.0

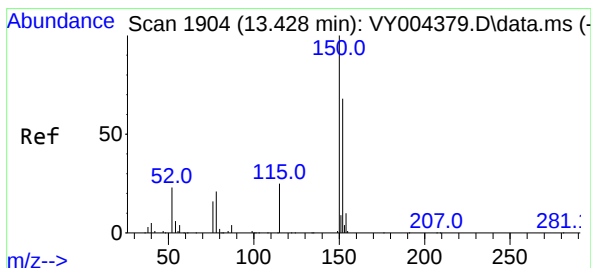
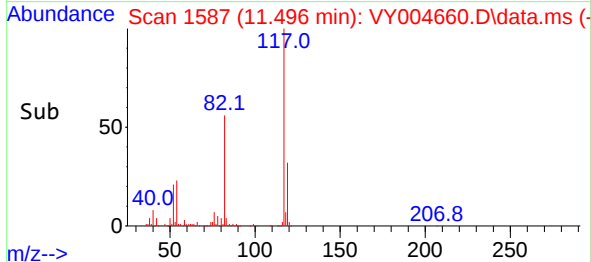
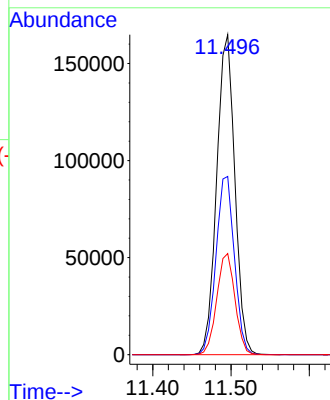
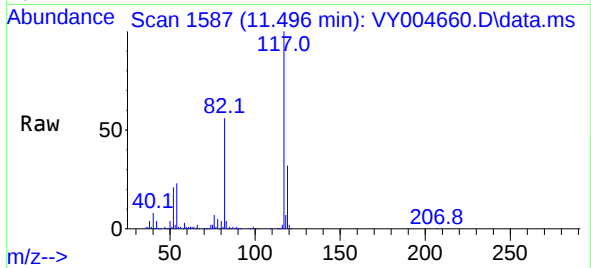




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004660.D
Acq: 29 Apr 2021 15:39

Instrument :
MSVOA_Y
ClientSampleId :
TP-5-VOC-TCL

Tgt Ion:117 Resp: 265685
Ion Ratio Lower Upper
117 100
82 55.7 44.9 67.3
119 31.6 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: VY004660.D
Acq: 29 Apr 2021 15:39

Tgt Ion:152 Resp: 123542
Ion Ratio Lower Upper
152 100
115 59.2 29.6 88.8
150 155.0 0.0 348.4

