

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
 Data File : VY005106.D
 Acq On : 11 Jun 2021 04:26
 Operator : SY/MD
 Sample : M2645-01
 Misc : 1.13G/5ML/MSVOA_Y/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 23892

Quant Time: Jun 11 07:08:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	155919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	273322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	219421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85887	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	89164	54.093	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.180%
35) Dibromofluoromethane	7.728	113	82295	55.964	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.920%
50) Toluene-d8	10.185	98	323984	53.049	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.100%
62) 4-Bromofluorobenzene	12.483	95	85341	40.631	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.260%

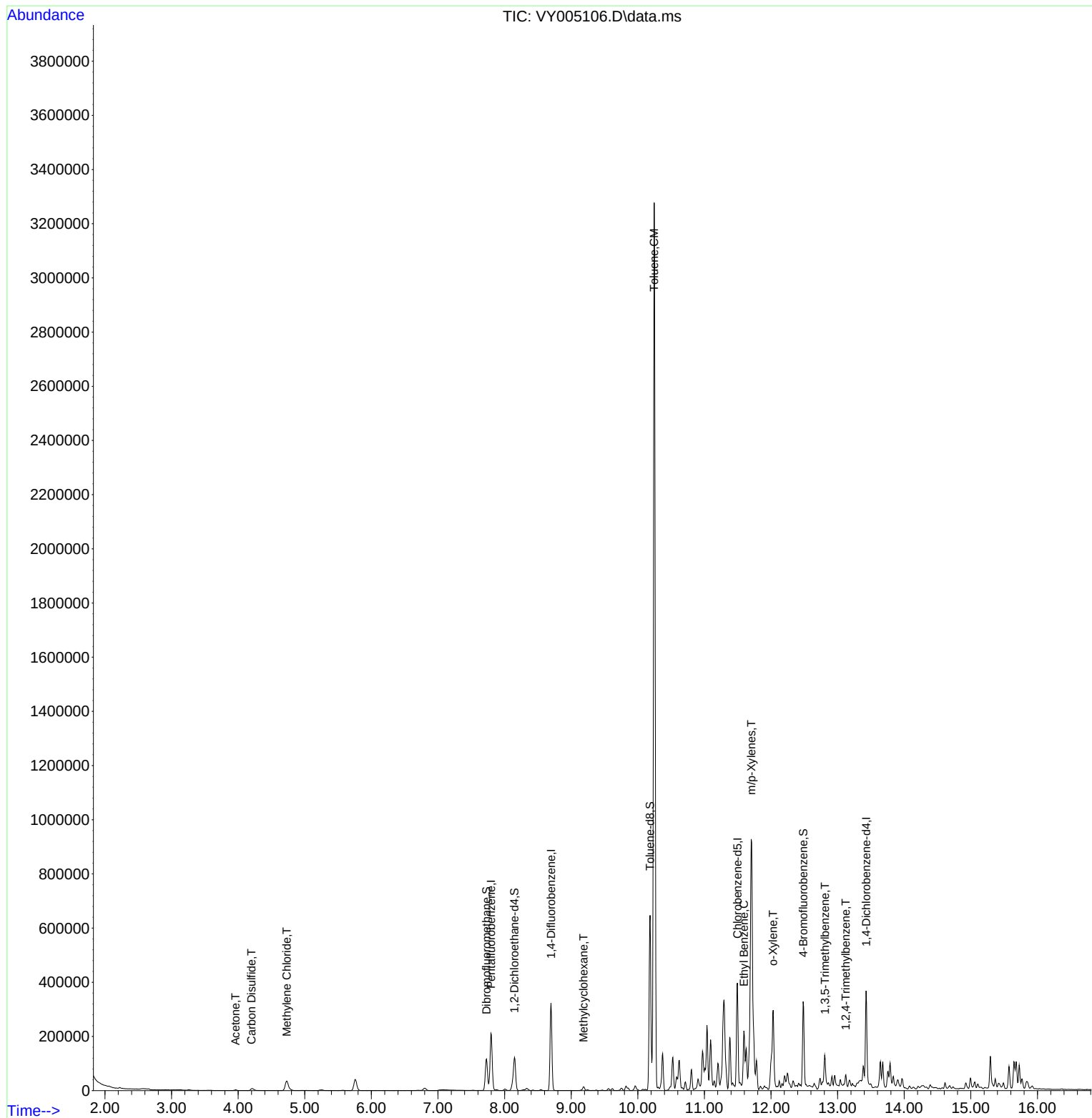
Target Compounds						Qvalue
16) Acetone	3.960	43	4337	10.930	ug/l	98
17) Carbon Disulfide	4.198	76	9263	1.880	ug/l	96
20) Methylene Chloride	4.729	84	27115	9.382	ug/l	90
39) Methylcyclohexane	9.185	83	5250	1.777	ug/l	97
52) Toluene	10.246	92	1364549	294.642	ug/l	100
67) Ethyl Benzene	11.593	91	130936	16.297	ug/l	100
68) m/p-Xylenes	11.703	106	216565	71.943	ug/l	99
69) o-Xylene	12.032	106	65867	23.497	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	8146	1.522	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	24777	4.658	ug/l	99

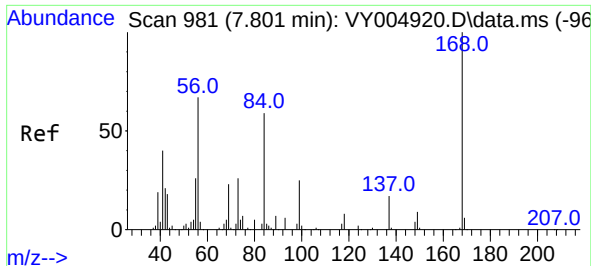
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
Data File : VY005106.D
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Misc : 1.13G/5ML/MSVOA_Y/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
23892

Quant Time: Jun 11 07:08:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
Response via : Initial Calibration

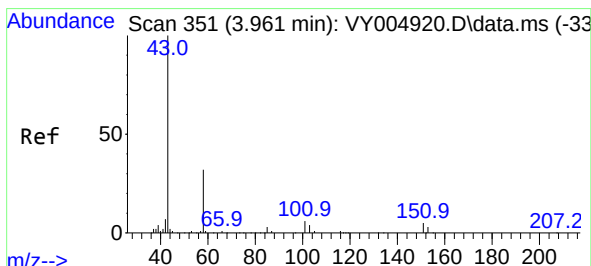
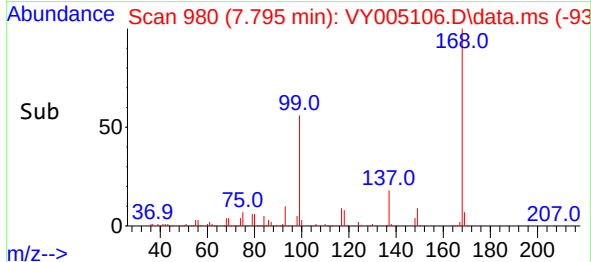
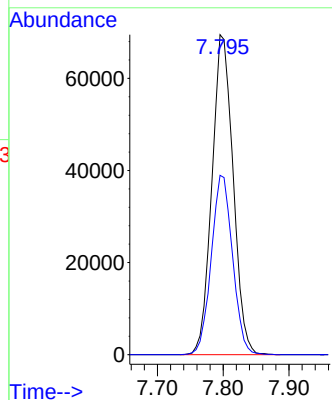
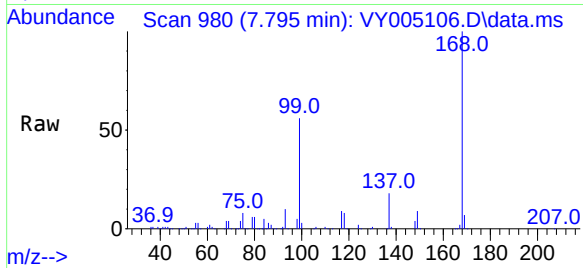




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

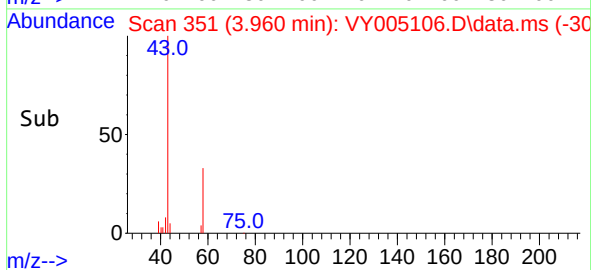
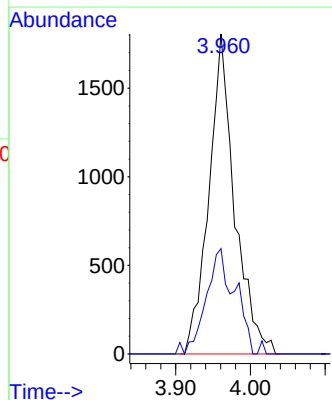
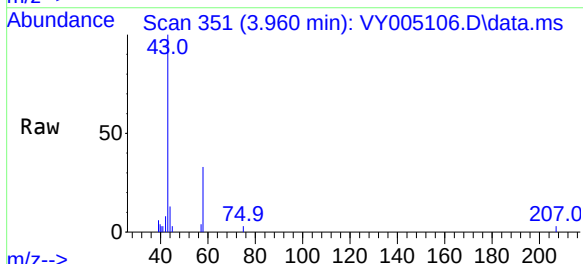
Instrument :
MSVOA_Y
ClientSampleId :
23892

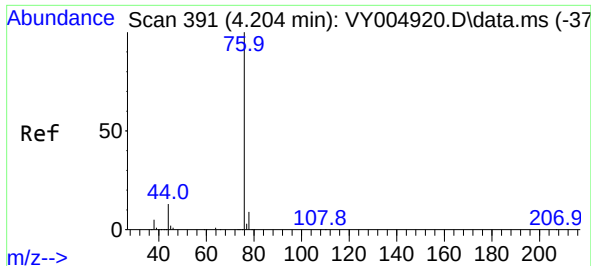
Tgt Ion:168 Resp: 155919
Ion Ratio Lower Upper
168 100
99 56.0 43.9 65.9



#16
Acetone
Concen: 10.930 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

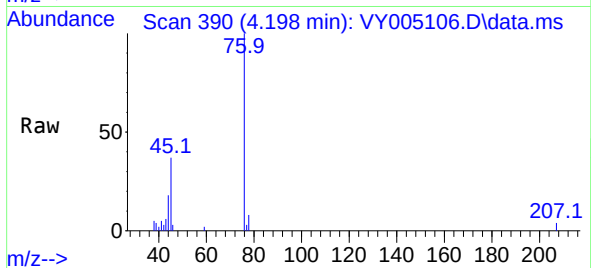
Tgt Ion: 43 Resp: 4337
Ion Ratio Lower Upper
43 100
58 32.9 25.3 37.9



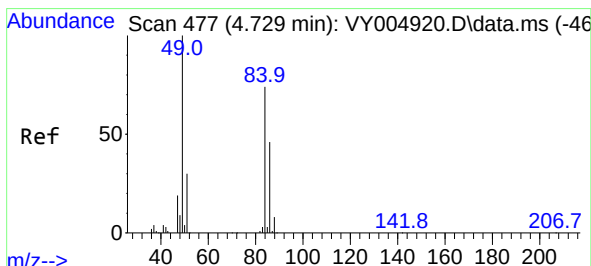
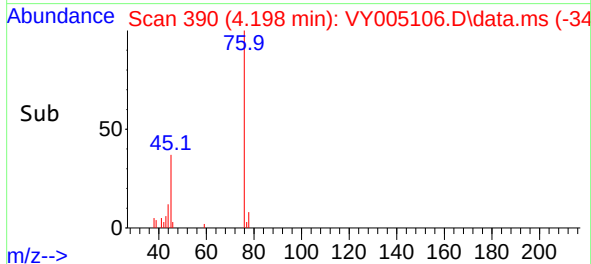
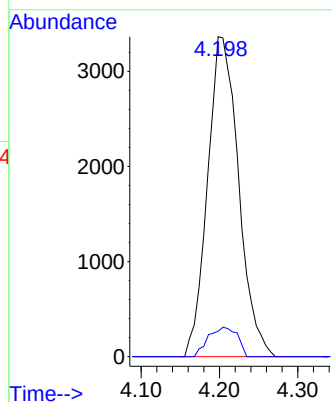


#17
Carbon Disulfide
Concen: 1.880 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

Instrument :
MSVOA_Y
ClientSampled :
23892

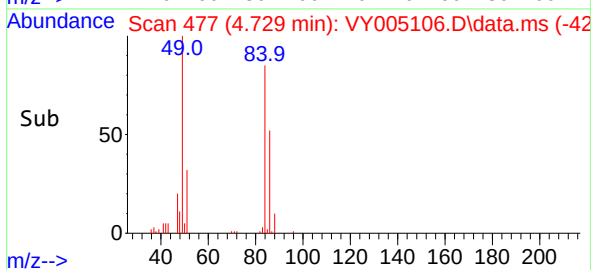
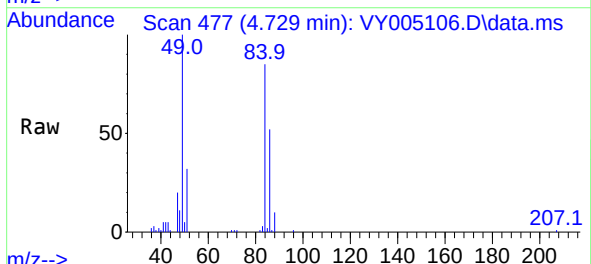
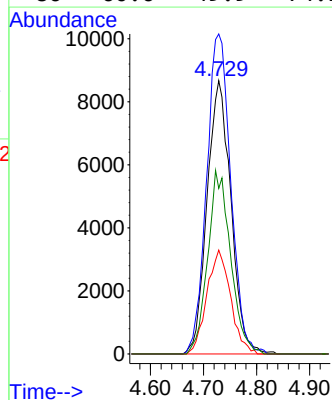


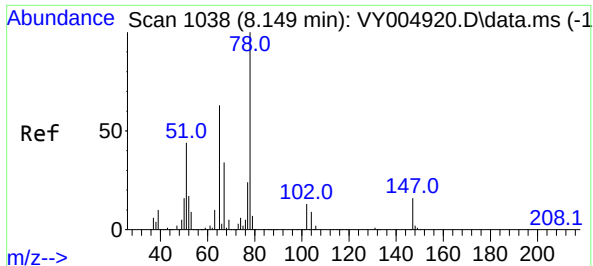
Tgt Ion: 76 Resp: 9263
Ion Ratio Lower Upper
76 100
78 7.9 7.6 11.4



#20
Methylene Chloride
Concen: 9.382 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

Tgt Ion: 84 Resp: 27115
Ion Ratio Lower Upper
84 100
49 117.1 108.0 162.0
51 38.0 32.6 48.8
86 60.6 49.9 74.9

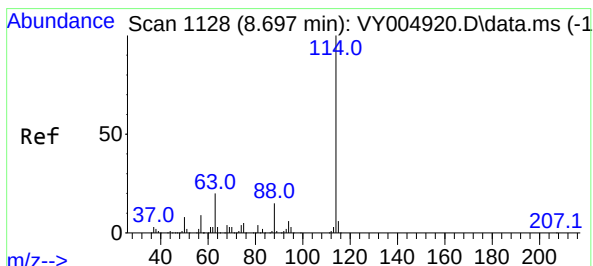
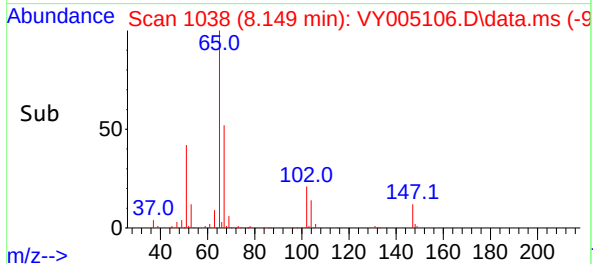
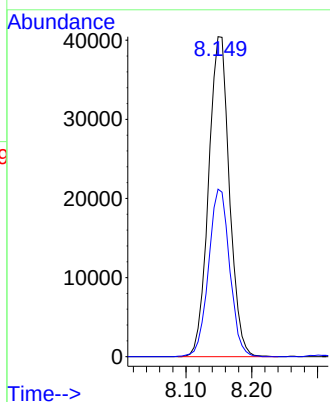
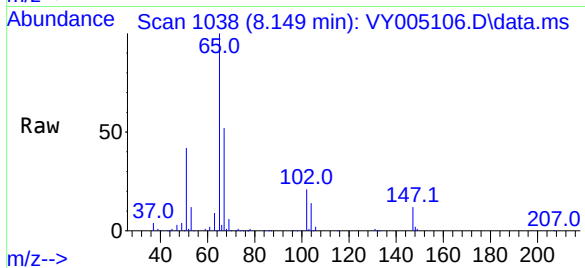




#33
1,2-Dichloroethane-d4
Concen: 54.093 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

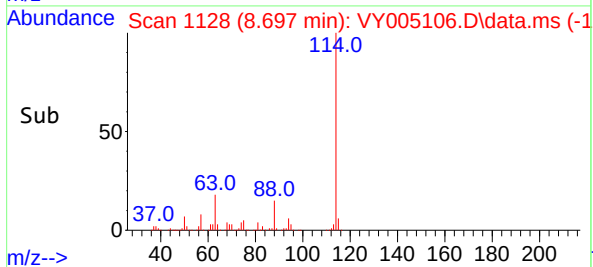
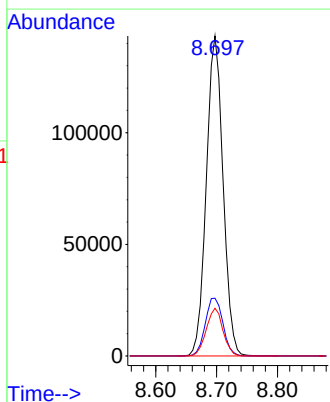
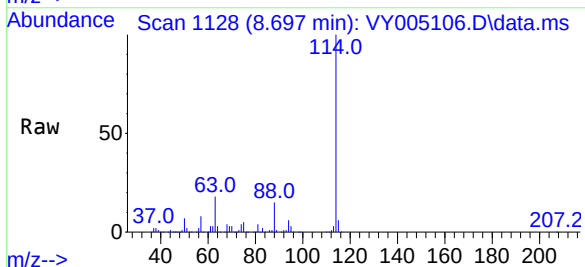
Instrument :
MSVOA_Y
ClientSampled :
23892

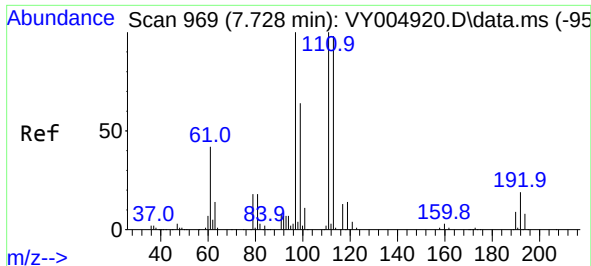
Tgt Ion: 65 Resp: 89164
Ion Ratio Lower Upper
65 100
67 53.1 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

Tgt Ion: 114 Resp: 273322
Ion Ratio Lower Upper
114 100
63 18.0 0.0 41.0
88 14.9 0.0 30.6



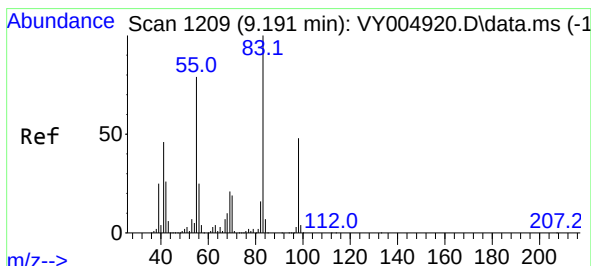
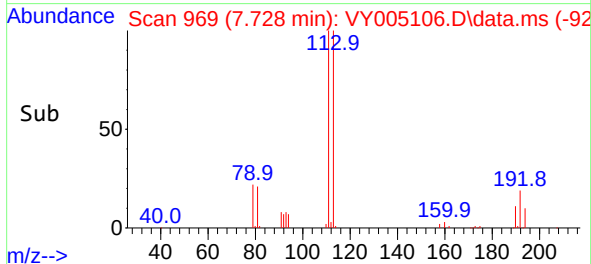
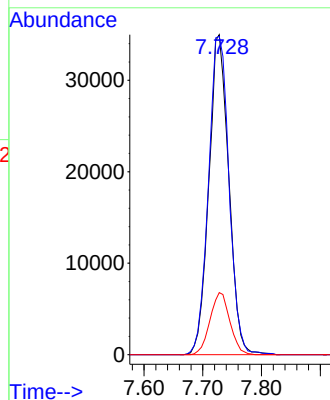
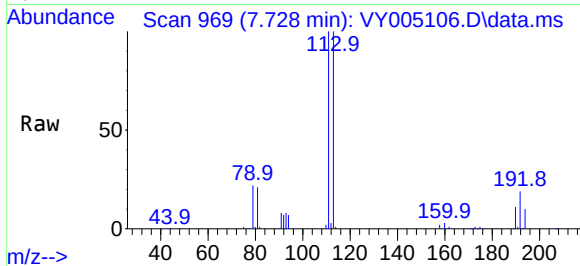


#35
Dibromofluoromethane
Concen: 55.964 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

Instrument :
MSVOA_Y
ClientSampled :
23892

Tgt Ion:113 Resp: 82295

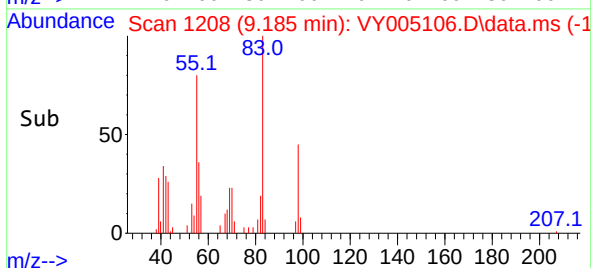
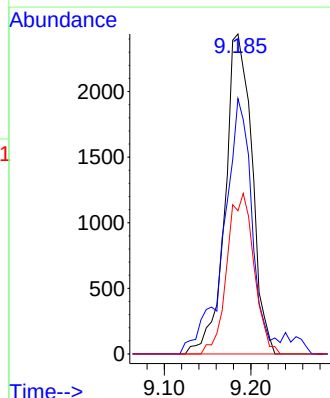
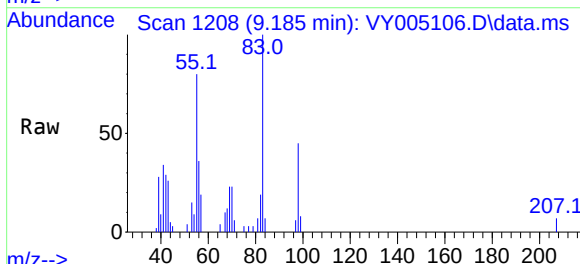
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.8	122.8
192	19.4	15.3	22.9

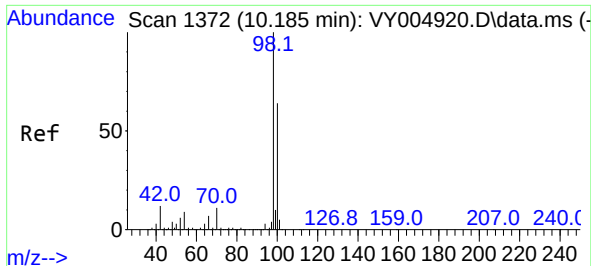


#39
Methylcyclohexane
Concen: 1.777 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

Tgt Ion: 83 Resp: 5250

Ion	Ratio	Lower	Upper
83	100		
55	79.8	63.1	94.7
98	44.7	38.6	58.0

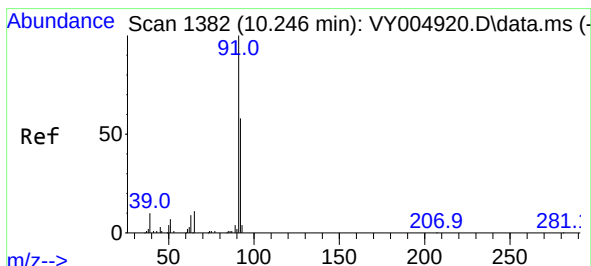
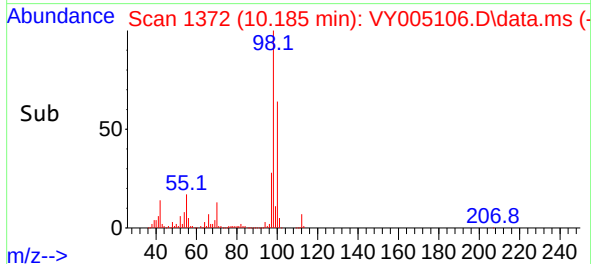
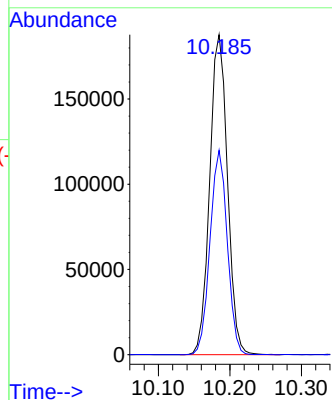
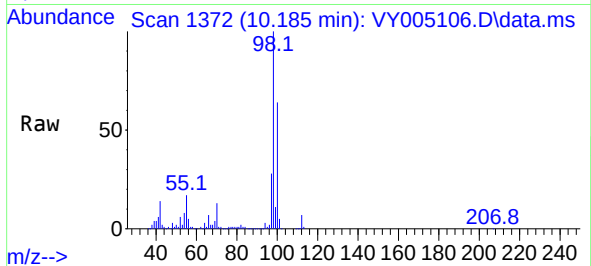




#50
Toluene-d8
Concen: 53.049 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

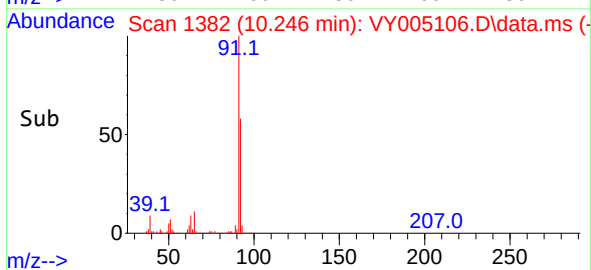
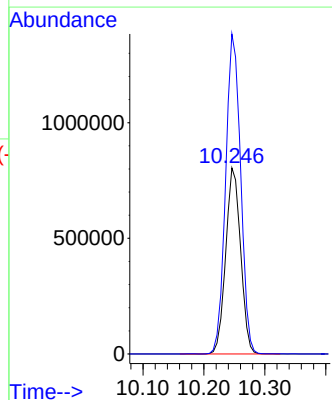
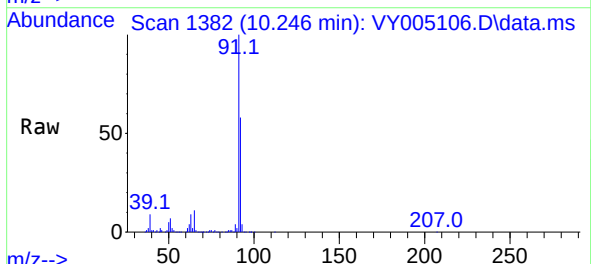
Instrument :
MSVOA_Y
ClientSampled :
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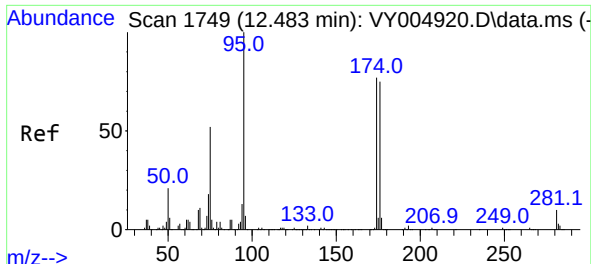
Tgt Ion: 98 Resp: 323984
Ion Ratio Lower Upper
98 100
100 62.1 51.8 77.6



#52
Toluene
Concen: 294.642 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

Tgt Ion: 92 Resp: 1364549
Ion Ratio Lower Upper
92 100
91 173.5 139.3 208.9

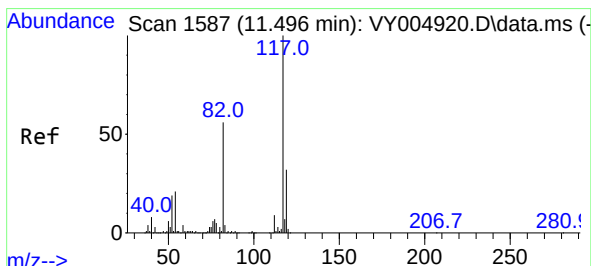
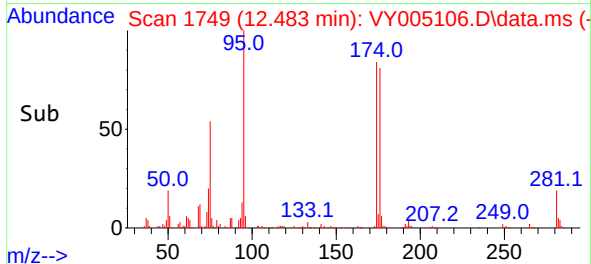
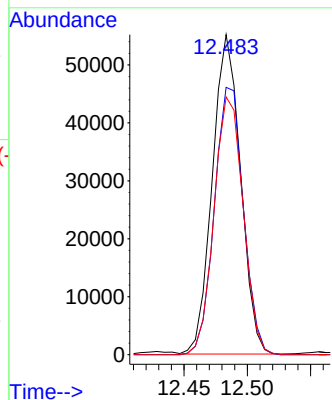
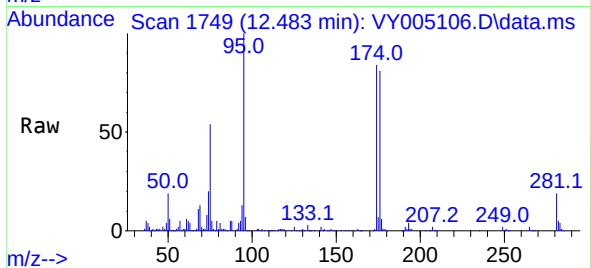




#62
4-Bromofluorobenzene
Concen: 40.631 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

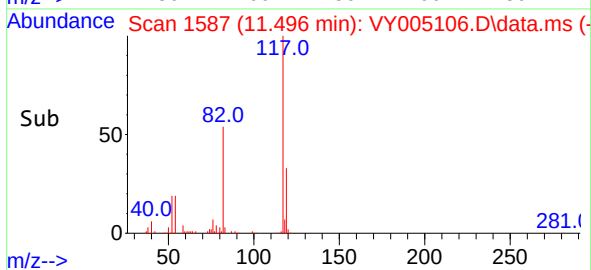
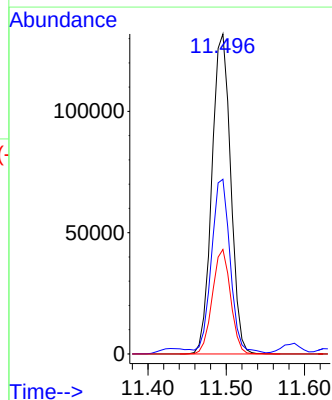
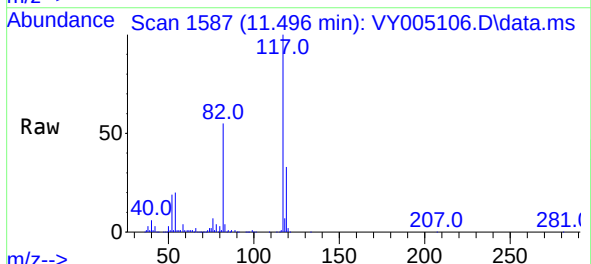
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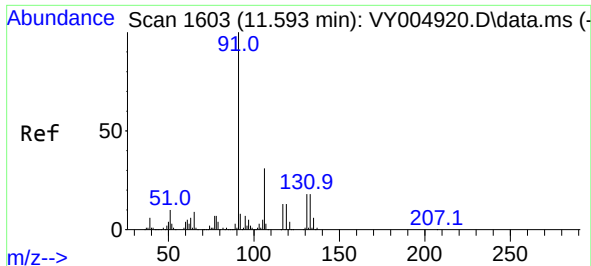
Tgt Ion:	95	Resp:	85341
Ion	Ratio	Lower	Upper
95	100		
174	85.8	0.0	160.8
176	83.4	0.0	155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

Tgt Ion:	117	Resp:	219421
Ion	Ratio	Lower	Upper
117	100		
82	53.0	44.8	67.2
119	32.7	25.2	37.8

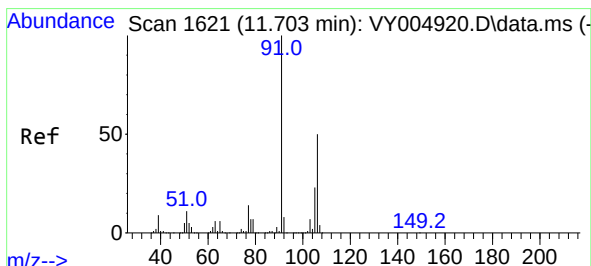
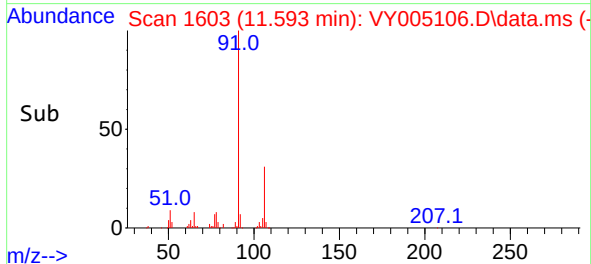
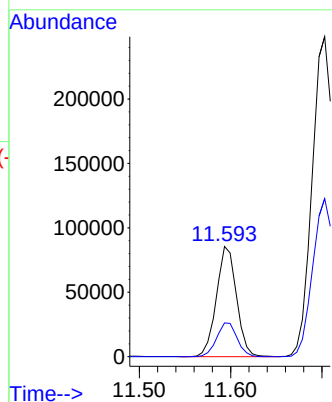
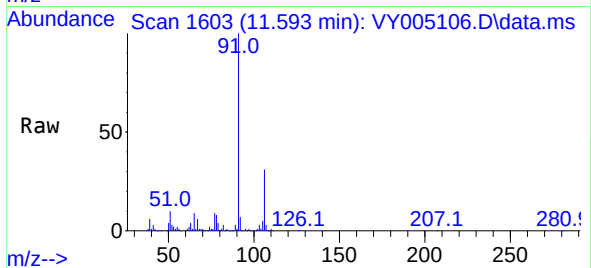




#67
Ethyl Benzene
Concen: 16.297 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

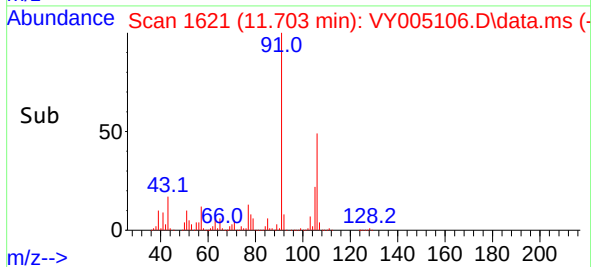
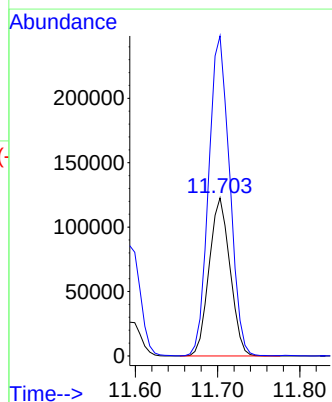
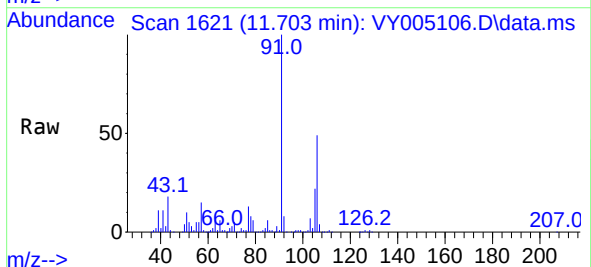
Instrument :
MSVOA_Y
ClientSampled :
23892

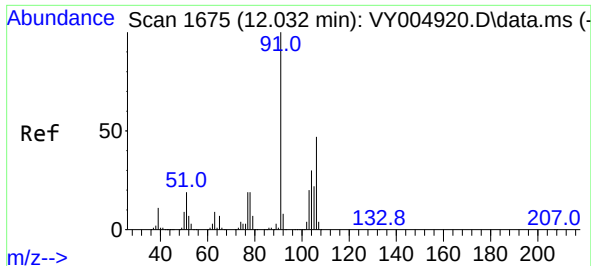
Tgt Ion: 91 Resp: 130936
Ion Ratio Lower Upper
91 100
106 30.6 24.6 36.8



#68
m/p-Xylenes
Concen: 71.943 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

Tgt Ion:106 Resp: 216565
Ion Ratio Lower Upper
106 100
91 203.3 161.9 242.9

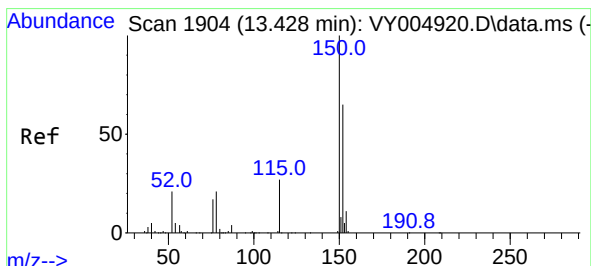
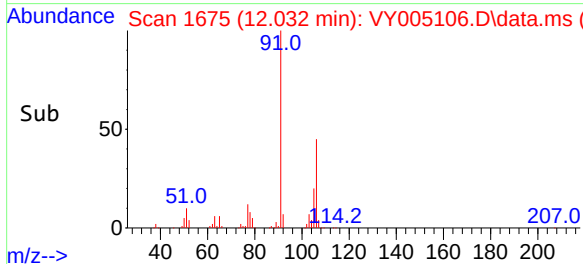
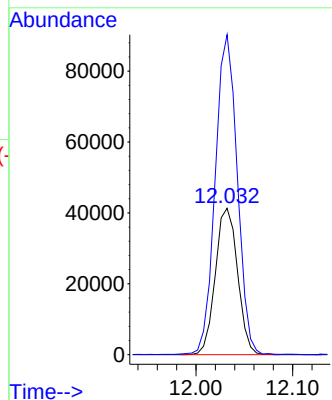
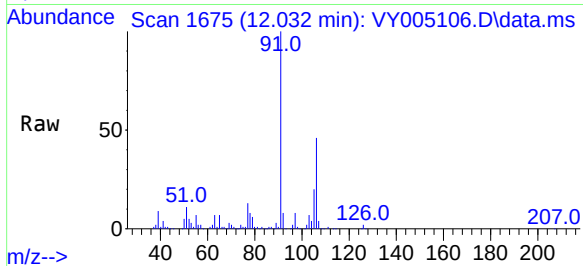




#69
o-Xylene
Concen: 23.497 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

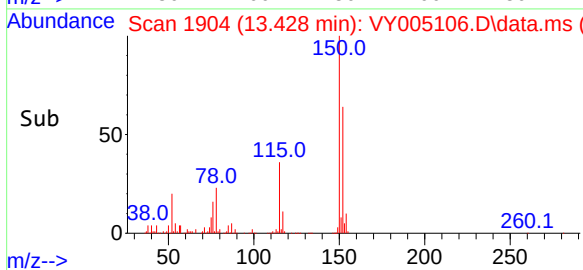
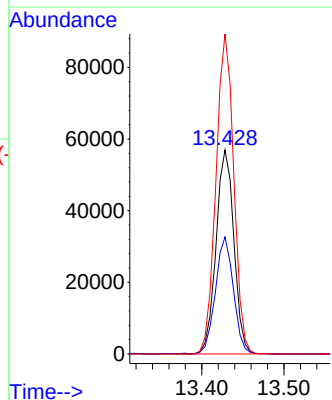
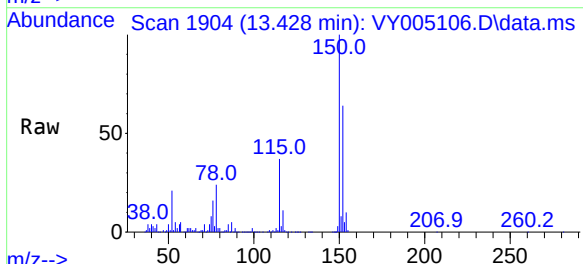
Instrument :
MSVOA_Y
ClientSampleId :
23892

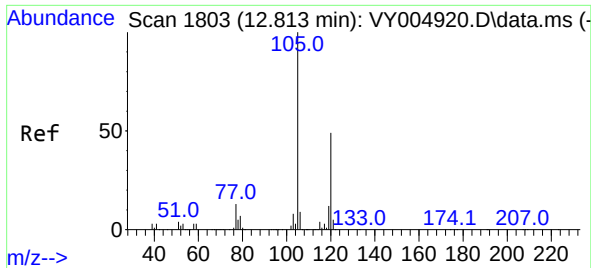
Tgt Ion:106 Resp: 65867
Ion Ratio Lower Upper
106 100
91 216.5 108.0 324.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

Tgt Ion:152 Resp: 85887
Ion Ratio Lower Upper
152 100
115 57.7 29.9 89.7
150 156.4 0.0 347.8

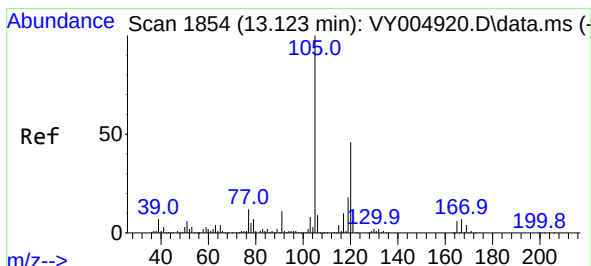
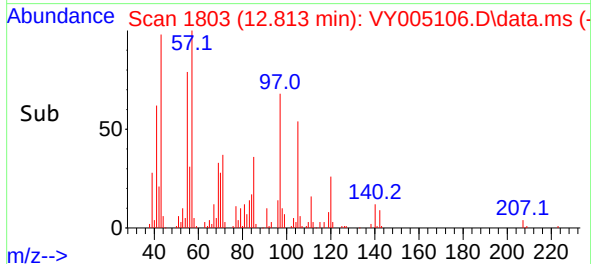
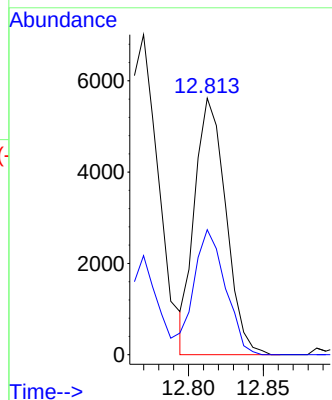
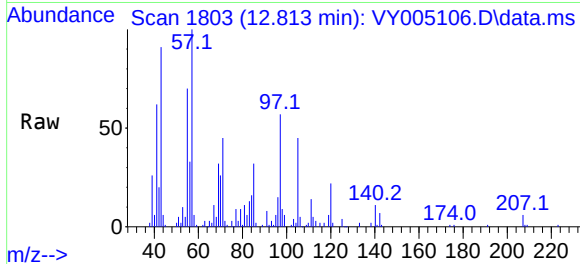




#80
1,3,5-Trimethylbenzene
Concen: 1.522 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

Instrument :
MSVOA_Y
ClientSampled :
23892

Tgt Ion:105 Resp: 8146
Ion Ratio Lower Upper
105 100
120 50.4 24.5 73.5



#84
1,2,4-Trimethylbenzene
Concen: 4.658 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY005106.D
Acq: 11 Jun 2021 04:26

Tgt Ion:105 Resp: 24777
Ion Ratio Lower Upper
105 100
120 44.3 22.6 67.7

