

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
 Data File : VY004439.D
 Acq On : 15 Apr 2021 14:34
 Operator : SY/MD
 Sample : M2040-09
 Misc : 5.93G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FILL-C-2

Quant Time: Apr 16 05:04:09 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)

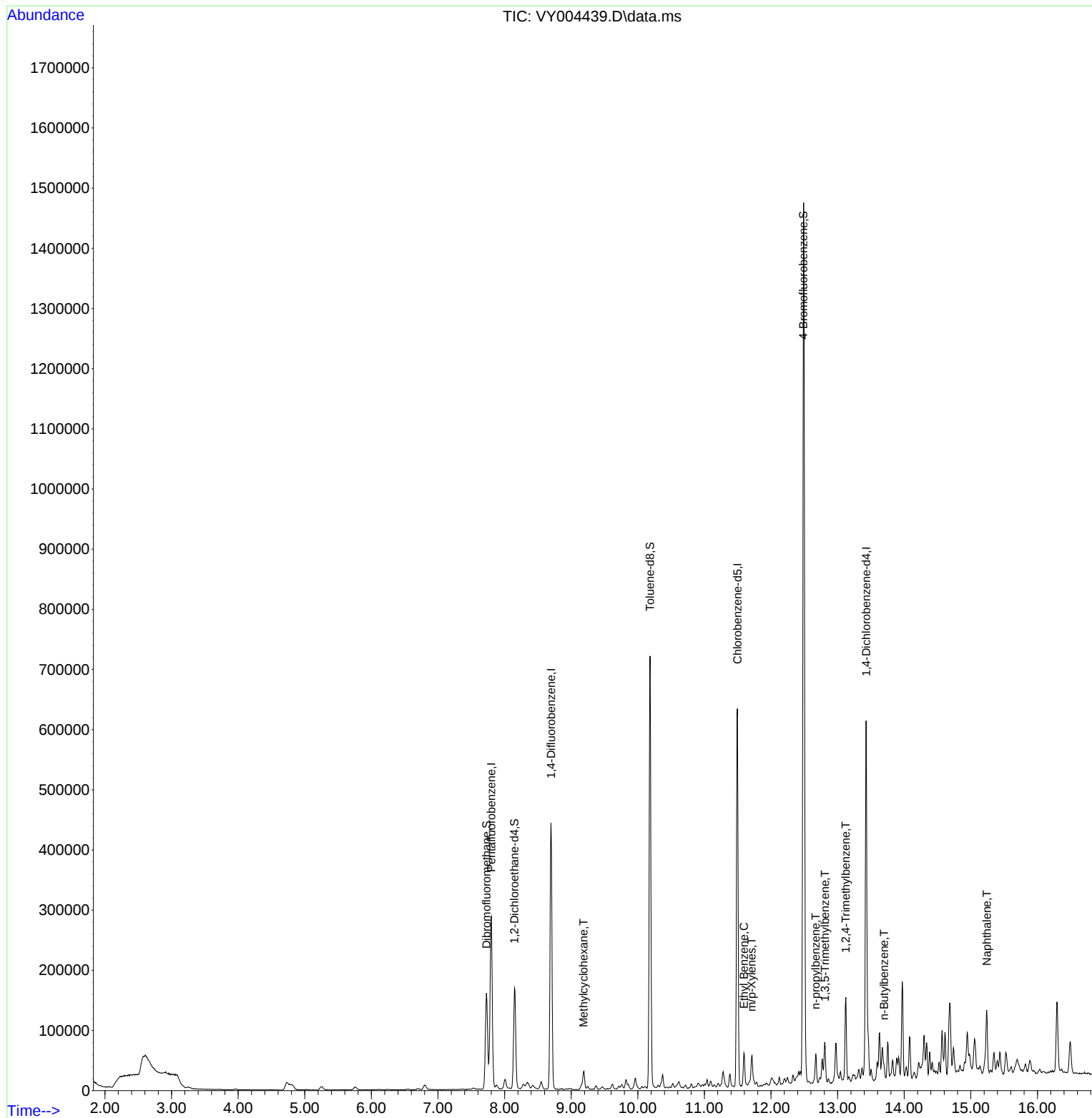
Internal Standards						
1) Pentafluorobenzene	7.801	168	215694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	374282	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	340899	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143830	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	132272	55.19	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.38%
35) Dibromofluoromethane	7.728	113	111966	53.91	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.82%
50) Toluene-d8	10.185	98	454504	51.44	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.88%
62) 4-Bromofluorobenzene	12.483	95	155630	51.91	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.82%
Target Compounds						Qvalue
39) Methylcyclohexane	9.185	83	12066	2.64	ug/l	96
67) Ethyl Benzene	11.593	91	35339	2.71	ug/l	99
68) m/p-Xylenes	11.709	106	7575	1.57	ug/l	98
78) n-propylbenzene	12.672	91	36298	2.76	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	9571	1.06	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	73353	8.05	ug/l	98
89) n-Butylbenzene	13.696	91	15569	1.66	ug/l #	74
95) Naphthalene	15.239	128	78297	13.19	ug/l	99

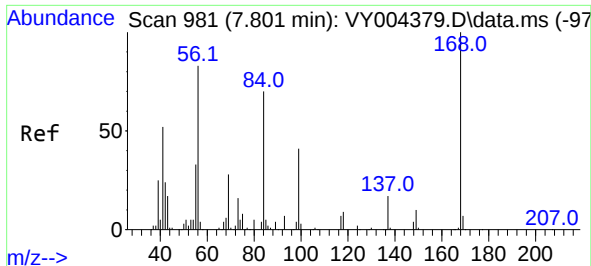
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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FILL-C-2

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Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration

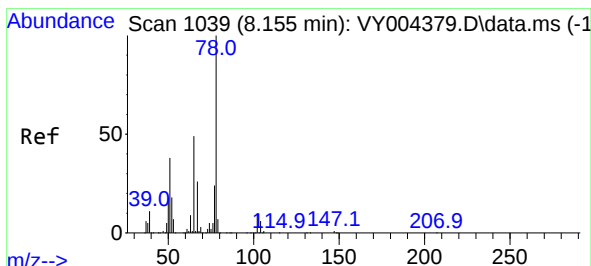
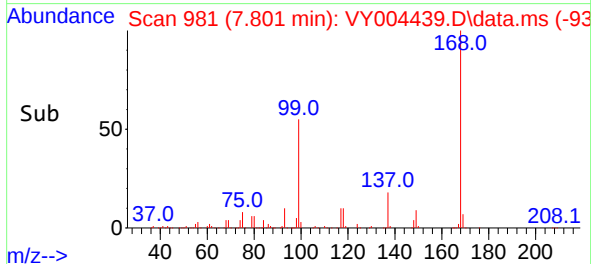
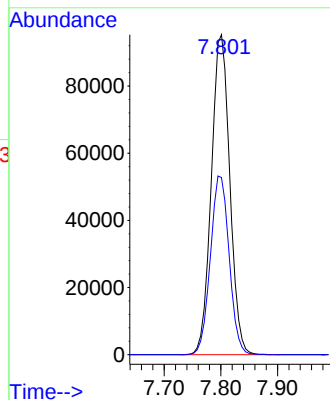
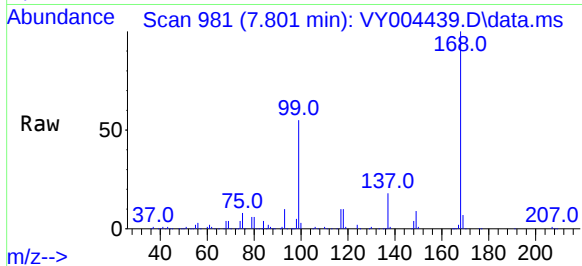




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004439.D
Acq: 15 Apr 2021 14:34

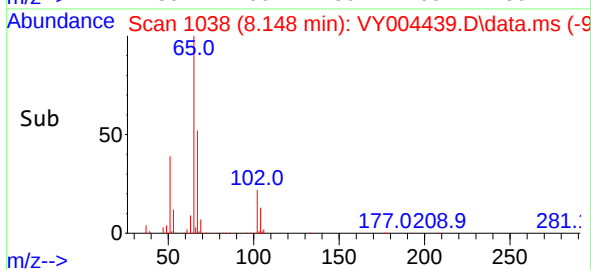
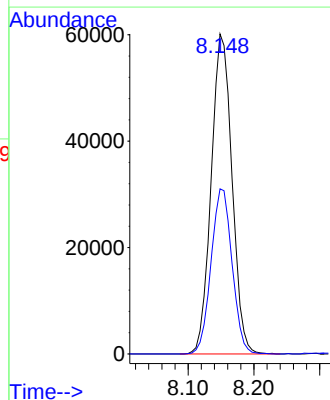
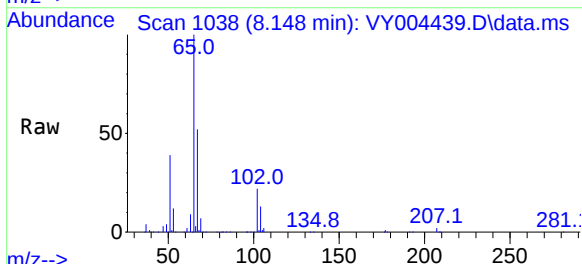
Instrument :
MSVOA_Y
ClientSampleId :
FILL-C-2

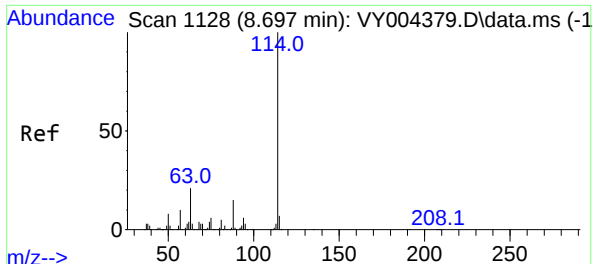
Tgt Ion:168 Resp: 215694
Ion Ratio Lower Upper
168 100
99 55.3 45.5 68.3



#33
1,2-Dichloroethane-d4
Concen: 55.19 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004439.D
Acq: 15 Apr 2021 14:34

Tgt Ion: 65 Resp: 132272
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: VY004439.D

Acq: 15 Apr 2021 14:34

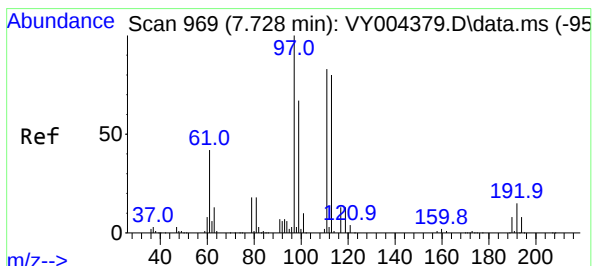
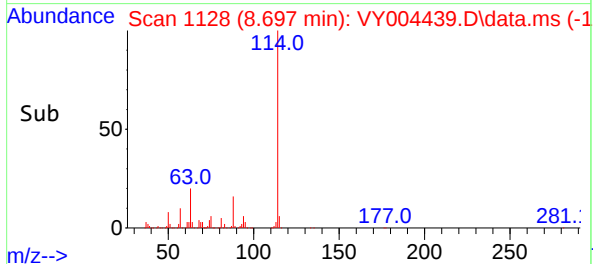
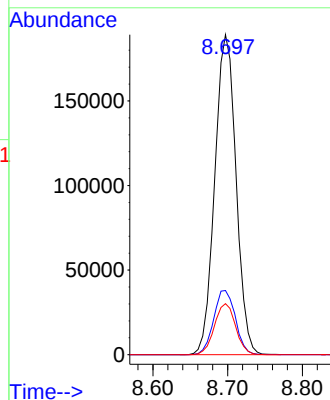
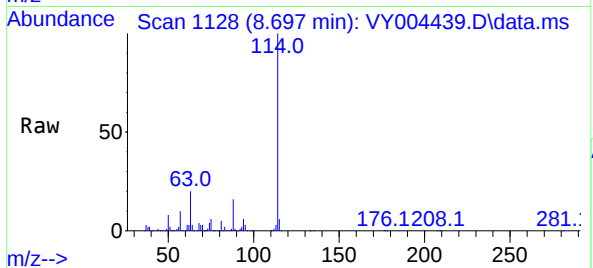
Tgt Ion:114 Resp: 374282

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 16.0 0.0 30.8



#35

Dibromofluoromethane

Concen: 53.91 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY004439.D

Acq: 15 Apr 2021 14:34

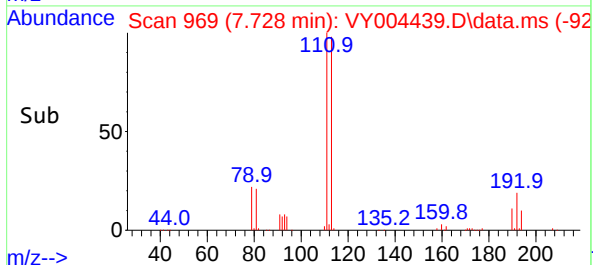
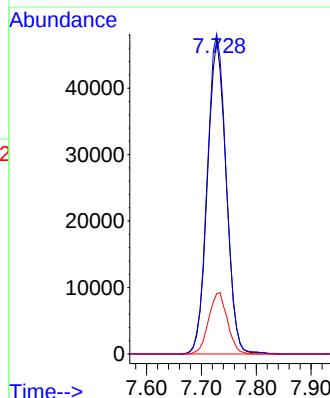
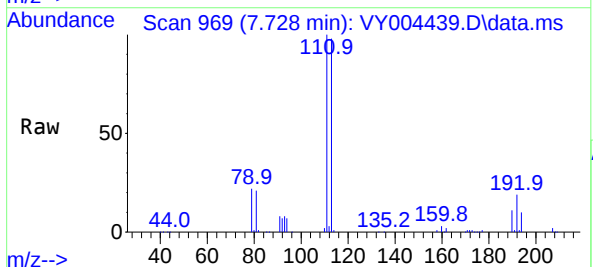
Tgt Ion:113 Resp: 111966

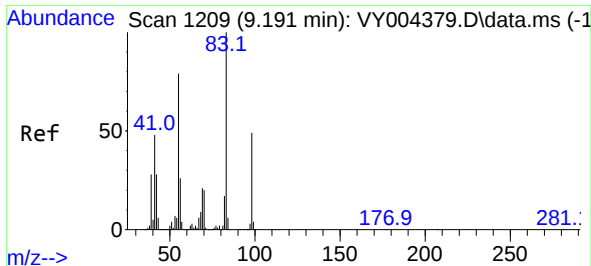
Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

192 19.5 16.1 24.1

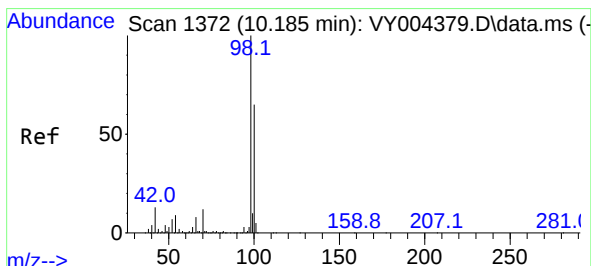
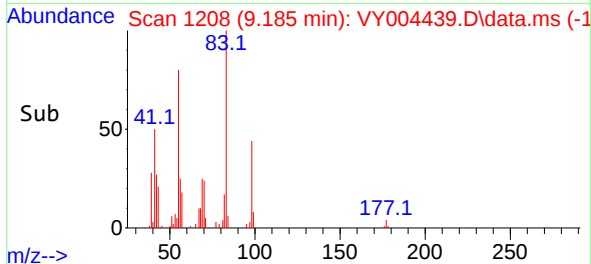
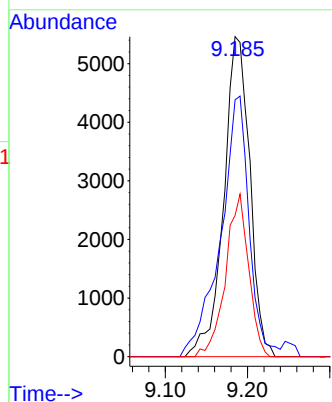
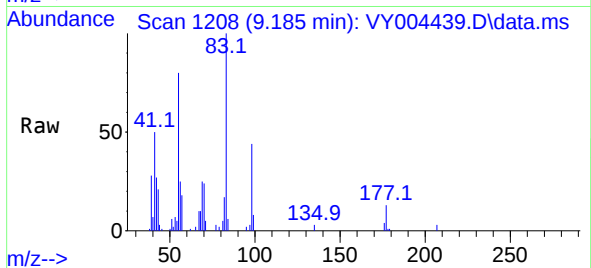




#39
Methylcyclohexane
Concen: 2.64 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY004439.D
Acq: 15 Apr 2021 14:34

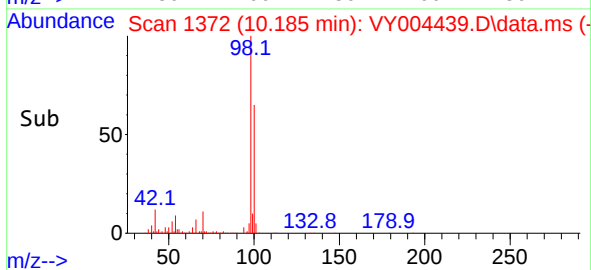
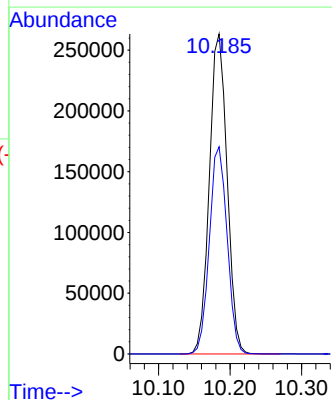
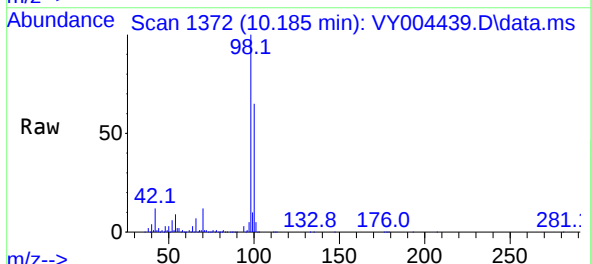
Instrument :
MSVOA_Y
ClientSampleId :
FILL-C-2

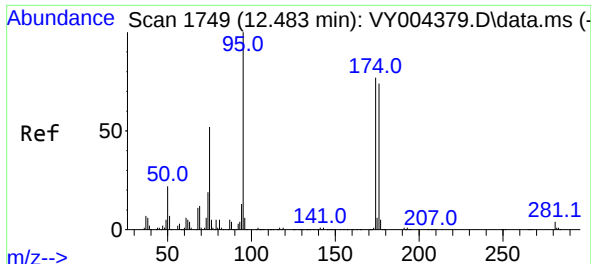
Tgt Ion: 83 Resp: 12066
Ion Ratio Lower Upper
83 100
55 80.2 63.0 94.4
98 44.1 39.2 58.8



#50
Toluene-d8
Concen: 51.44 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004439.D
Acq: 15 Apr 2021 14:34

Tgt Ion: 98 Resp: 454504
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6

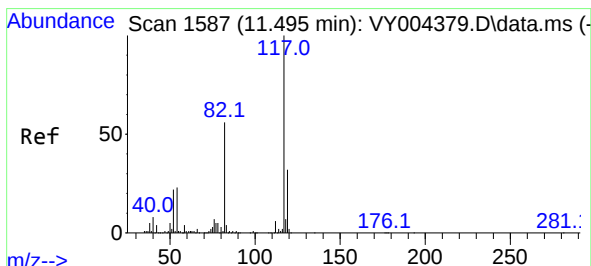
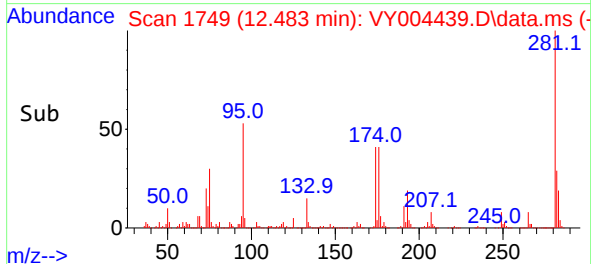
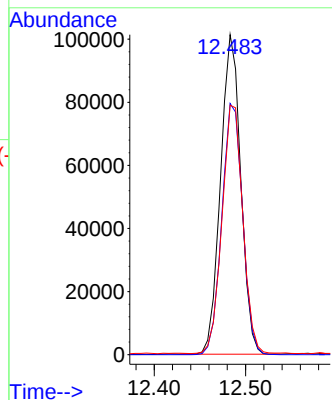
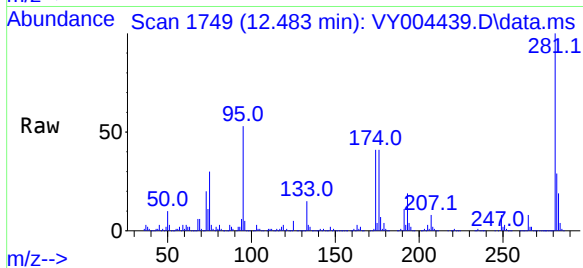




#62
4-Bromofluorobenzene
Concen: 51.91 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004439.D
Acq: 15 Apr 2021 14:34

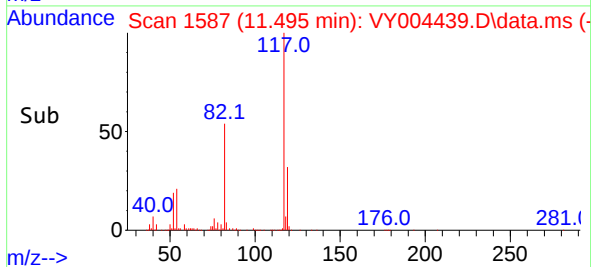
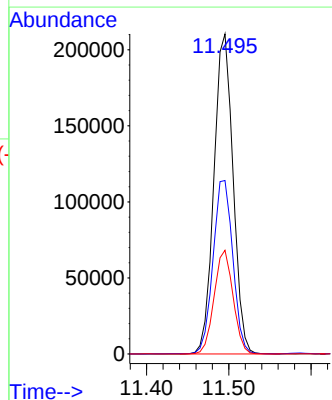
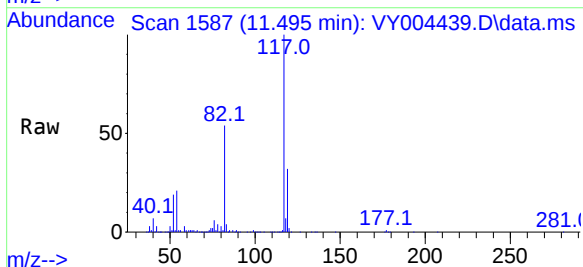
Instrument :
MSVOA_Y
ClientSampleId :
FILL-C-2

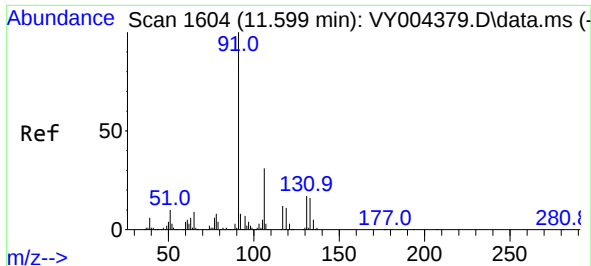
Tgt Ion: 95 Resp: 155630
Ion Ratio Lower Upper
95 100
174 80.7 0.0 162.4
176 80.4 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004439.D
Acq: 15 Apr 2021 14:34

Tgt Ion: 117 Resp: 340899
Ion Ratio Lower Upper
117 100
82 54.1 44.9 67.3
119 32.4 25.4 38.0

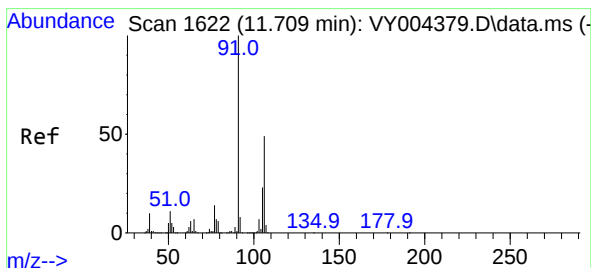
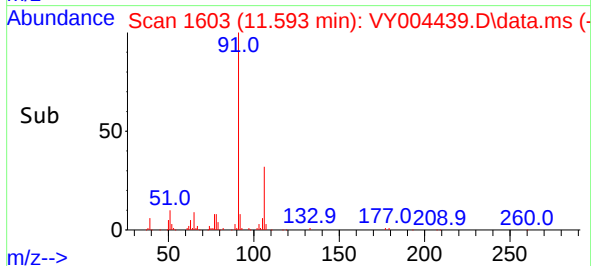
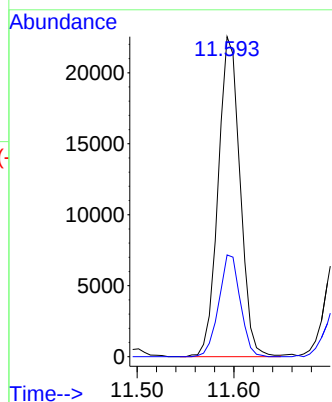
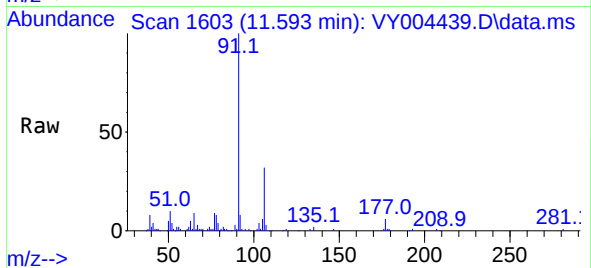




#67
Ethyl Benzene
Concen: 2.71 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY004439.D
Acq: 15 Apr 2021 14:34

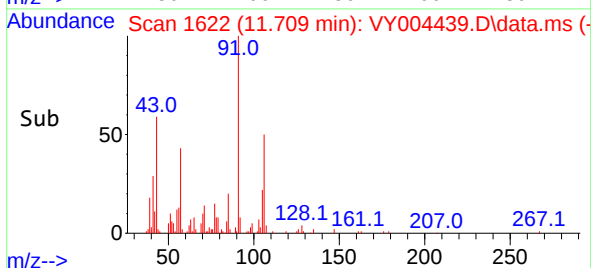
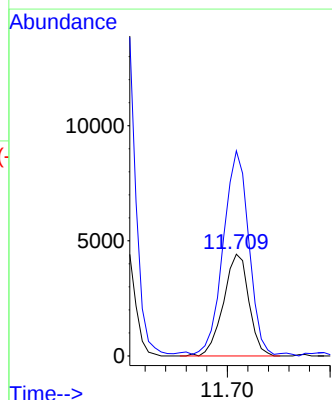
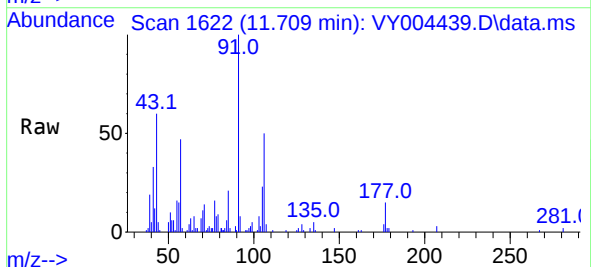
Instrument :
MSVOA_Y
ClientSampleId :
FILL-C-2

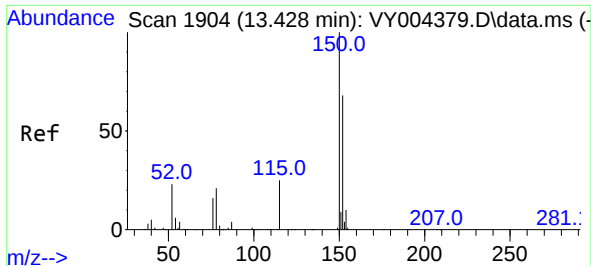
Tgt Ion: 91 Resp: 35339
Ion Ratio Lower Upper
91 100
106 31.8 25.1 37.7



#68
m/p-Xylenes
Concen: 1.57 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY004439.D
Acq: 15 Apr 2021 14:34

Tgt Ion: 106 Resp: 7575
Ion Ratio Lower Upper
106 100
91 206.9 163.2 244.8

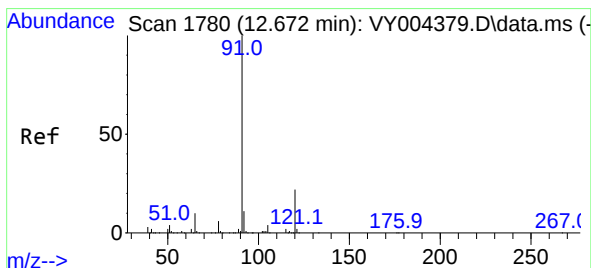
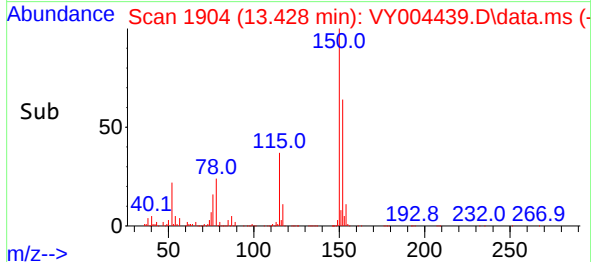
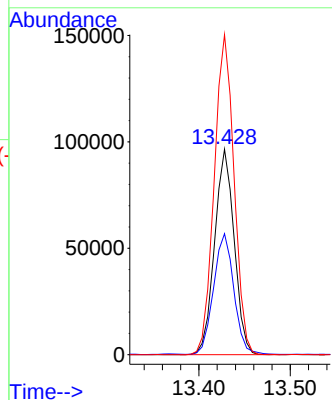
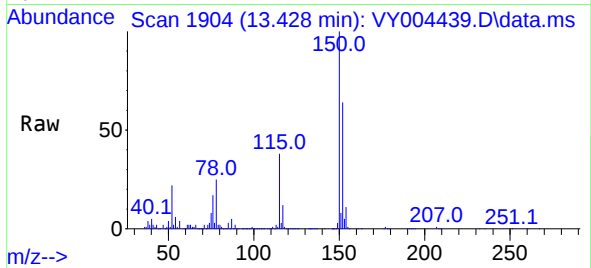




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004439.D
Acq: 15 Apr 2021 14:34

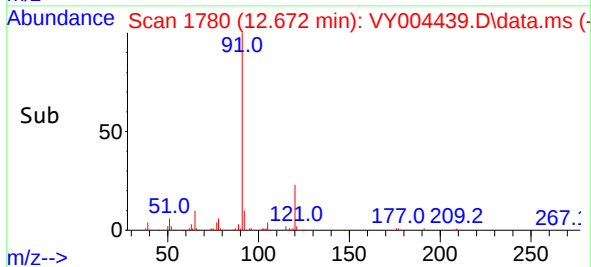
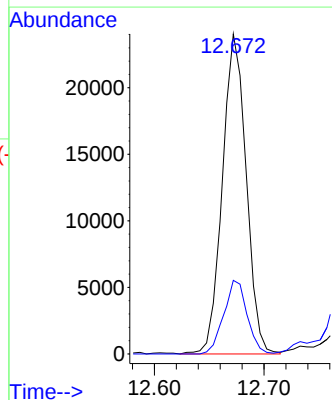
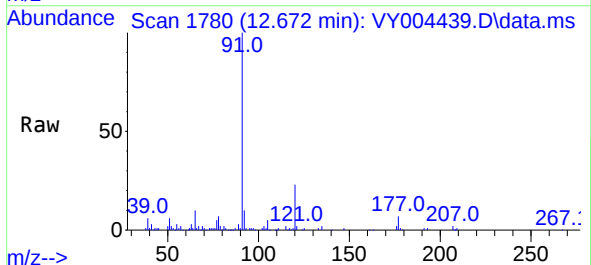
Instrument :
MSVOA_Y
ClientSampleId :
FILL-C-2

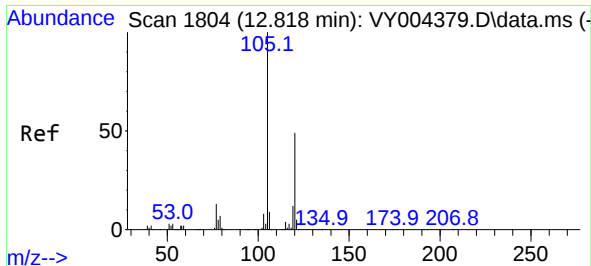
Tgt Ion:152 Resp: 143830
Ion Ratio Lower Upper
152 100
115 60.7 29.6 88.8
150 157.7 0.0 348.4



#78
n-propylbenzene
Concen: 2.76 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY004439.D
Acq: 15 Apr 2021 14:34

Tgt Ion: 91 Resp: 36298
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4

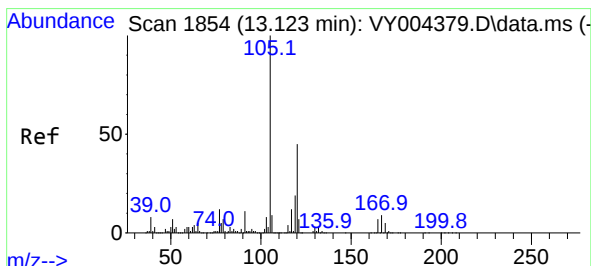
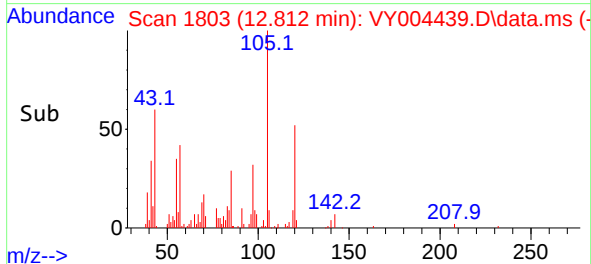
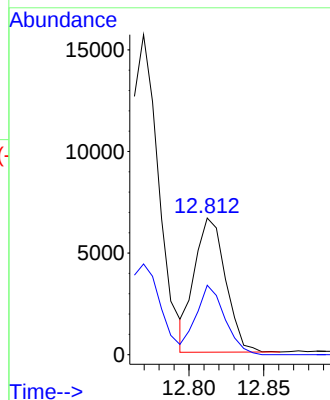
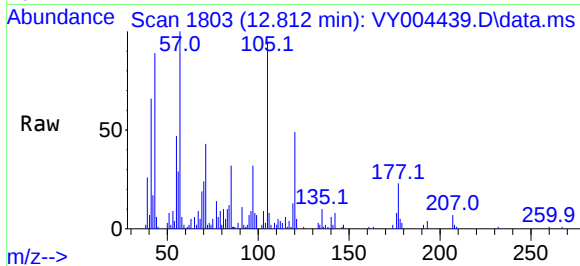




#80
1,3,5-Trimethylbenzene
Concen: 1.06 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY004439.D
Acq: 15 Apr 2021 14:34

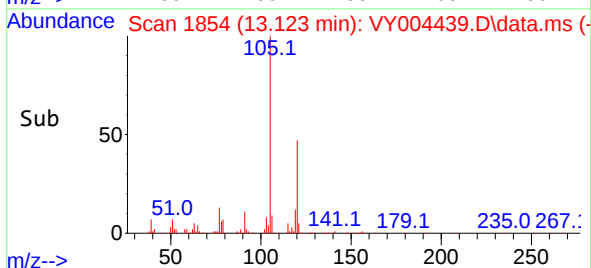
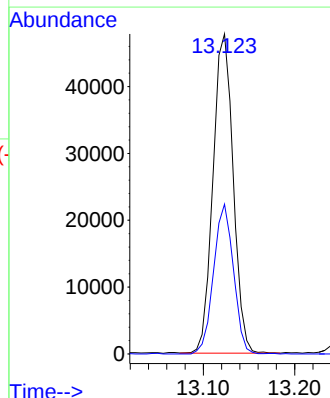
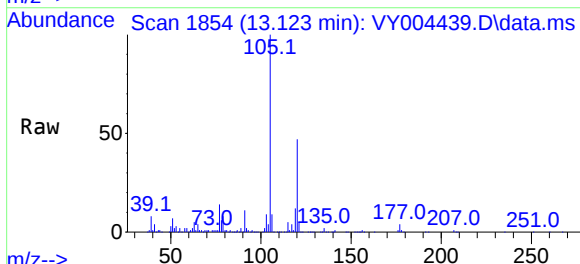
Instrument :
MSVOA_Y
ClientSampled :
FILL-C-2

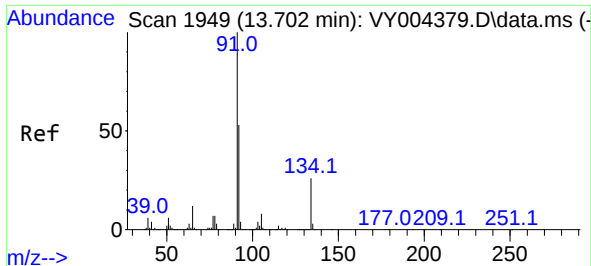
Tgt Ion:105 Resp: 9571
Ion Ratio Lower Upper
105 100
120 48.1 24.6 74.0



#84
1,2,4-Trimethylbenzene
Concen: 8.05 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004439.D
Acq: 15 Apr 2021 14:34

Tgt Ion:105 Resp: 73353
Ion Ratio Lower Upper
105 100
120 46.3 22.4 67.3

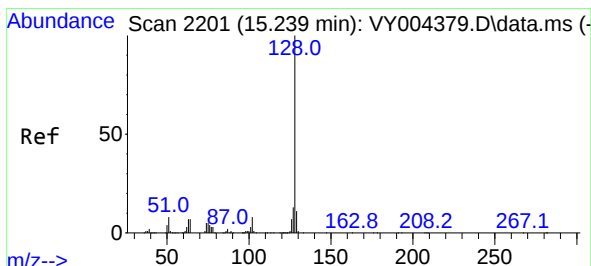
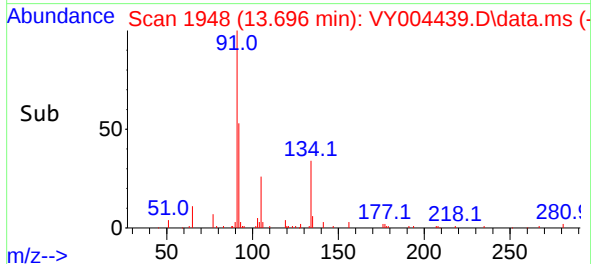
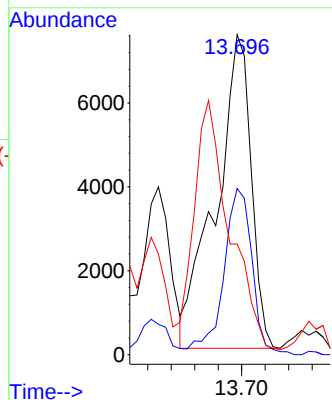
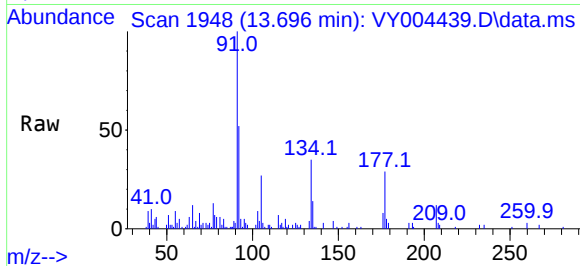




#89
n-Butylbenzene
Concen: 1.66 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY004439.D
Acq: 15 Apr 2021 14:34

Instrument :
MSVOA_Y
ClientSampled :
FILL-C-2

Tgt Ion: 91 Resp: 15569
Ion Ratio Lower Upper
91 100
92 42.7 26.6 79.8
134 0.0 12.7 38.1#



#95
Naphthalene
Concen: 13.19 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004439.D
Acq: 15 Apr 2021 14:34

Tgt Ion:128 Resp: 78297
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.7 8.8 13.2

