

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
 Data File : VY004442.D
 Acq On : 15 Apr 2021 15:44
 Operator : SY/MD
 Sample : M2048-01
 Misc : 5.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-0-2.0

Quant Time: Apr 16 05:04:48 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)

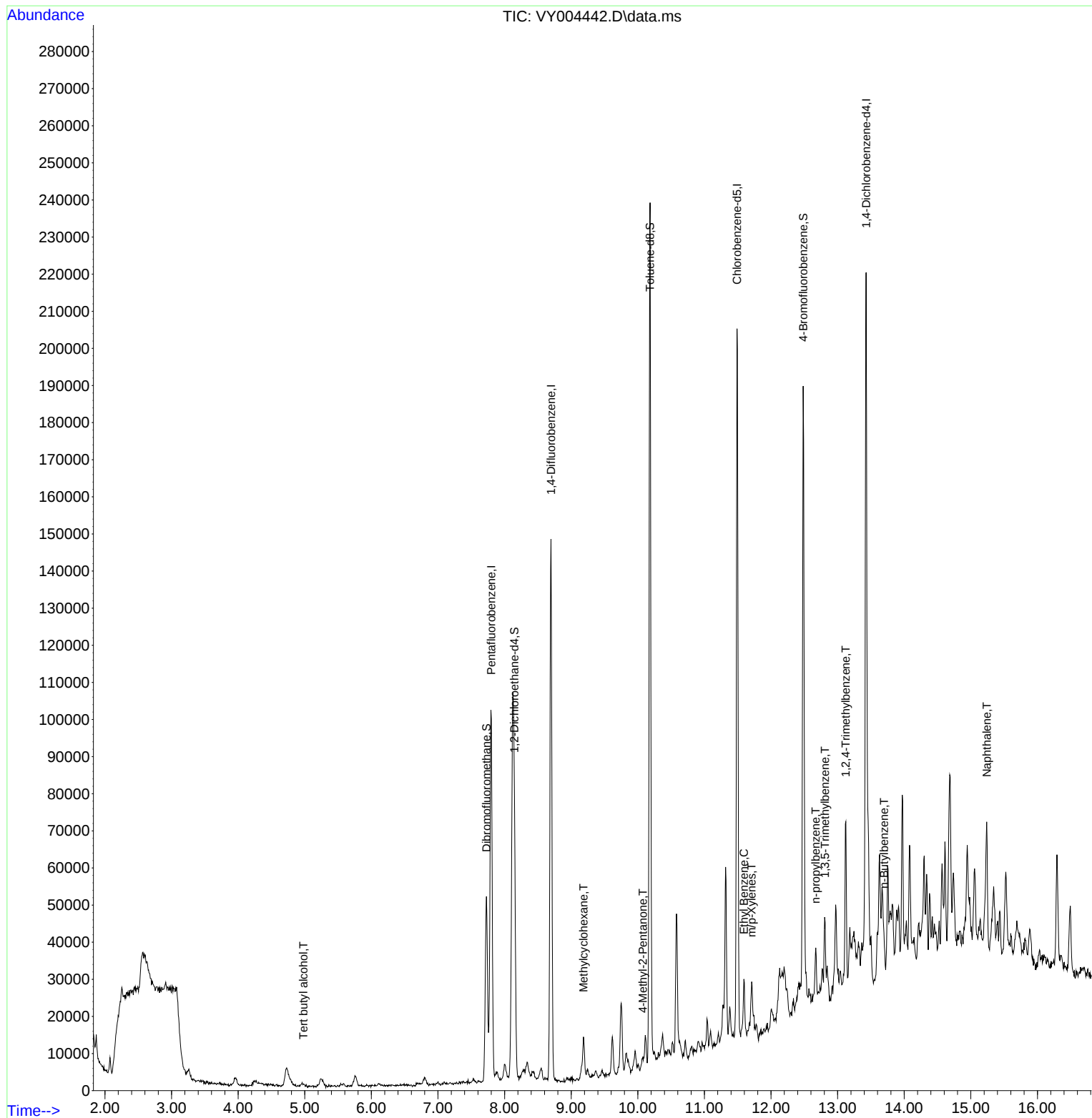
Internal Standards						
1) Pentafluorobenzene	7.801	168	73797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	121541	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	100785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	43361	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	35036	42.73	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	=	85.46%	
35) Dibromofluoromethane	7.728	113	34460	51.09	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	=	102.18%	
50) Toluene-d8	10.185	98	144213	50.27	ug/l	0.00
Spiked Amount 50.000	Range	49 - 140	Recovery	=	100.54%	
62) 4-Bromofluorobenzene	12.483	95	43686	44.87	ug/l	0.00
Spiked Amount 50.000	Range	25 - 144	Recovery	=	89.74%	
Target Compounds						
11) Tert butyl alcohol	4.978	59	1471	18.20	ug/l #	73
39) Methylcyclohexane	9.185	83	4509	3.03	ug/l	91
51) 4-Methyl-2-Pentanone	10.075	43	1273	1.68	ug/l	97
67) Ethyl Benzene	11.593	91	9083	2.36	ug/l	100
68) m/p-Xylenes	11.709	106	2275	1.59	ug/l	98
78) n-propylbenzene	12.672	91	11008	2.78	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	3537	1.30	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	23438	8.53	ug/l	99
89) n-Butylbenzene	13.696	91	5359	1.90	ug/l #	74
95) Naphthalene	15.239	128	22439	12.54	ug/l #	95

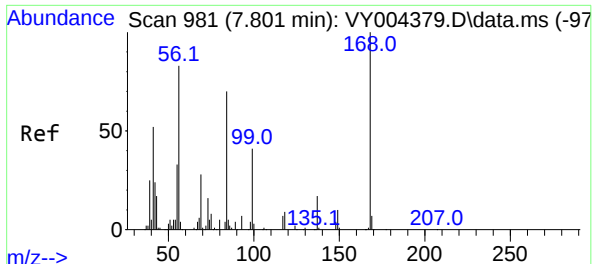
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

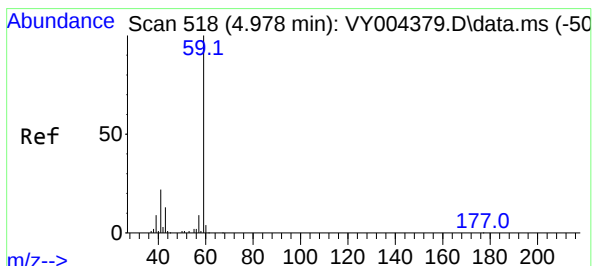
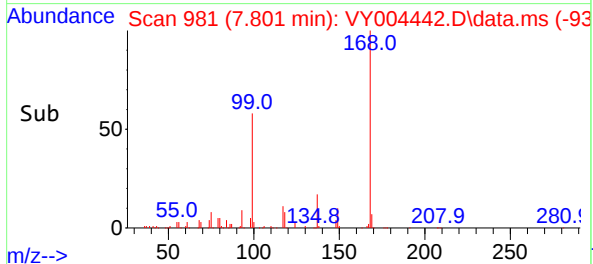
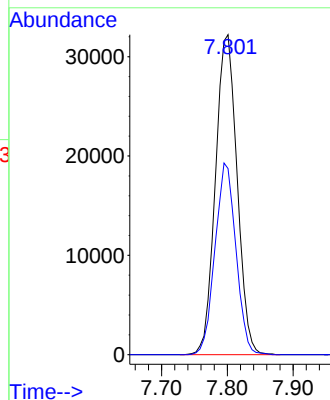
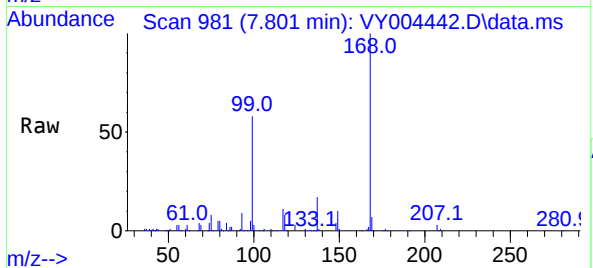




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004442.D
Acq: 15 Apr 2021 15:44

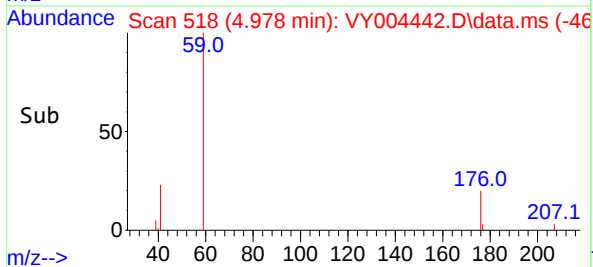
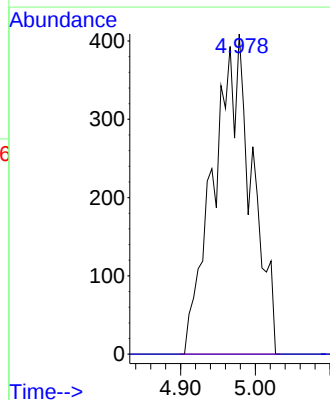
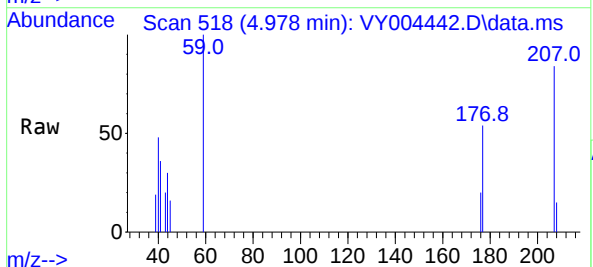
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

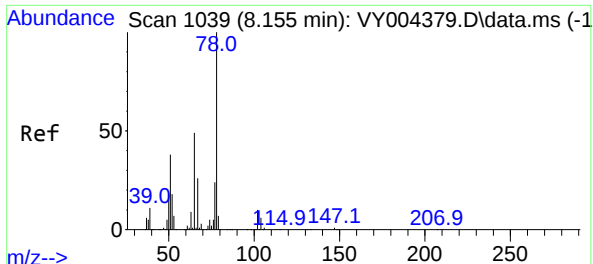
Tgt Ion:168 Resp: 73797
Ion Ratio Lower Upper
168 100
99 58.2 45.5 68.3



#11
Tert butyl alcohol
Concen: 18.20 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY004442.D
Acq: 15 Apr 2021 15:44

Tgt Ion: 59 Resp: 1471
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

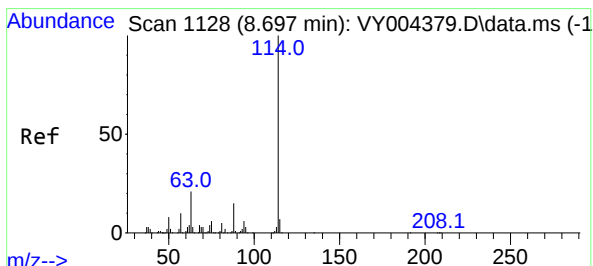
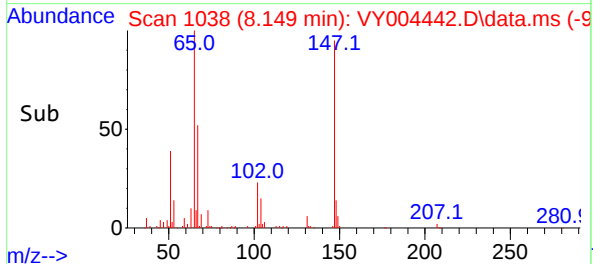
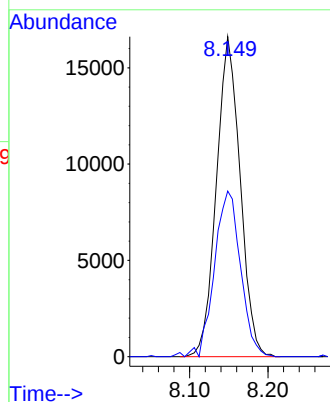
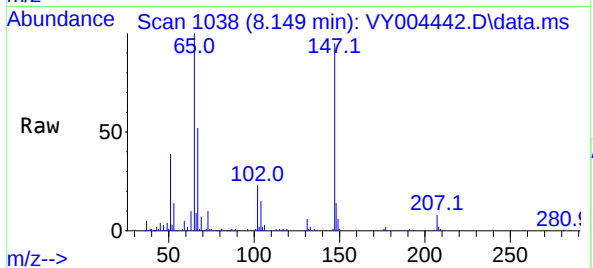




#33
1,2-Dichloroethane-d4
Concen: 42.73 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004442.D
Acq: 15 Apr 2021 15:44

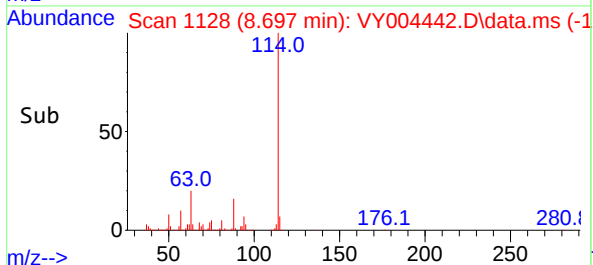
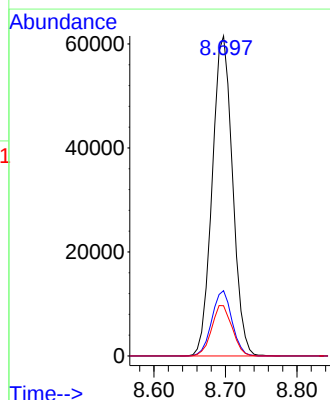
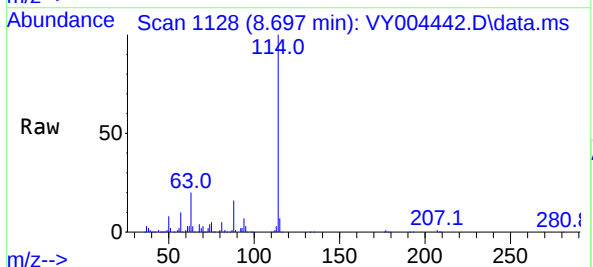
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

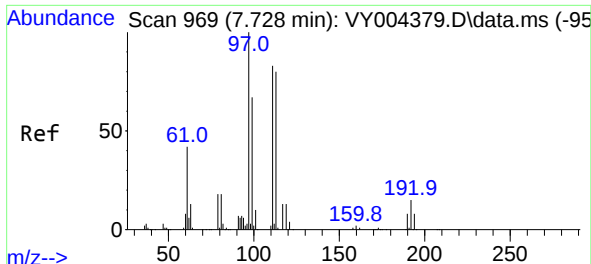
Tgt Ion: 65 Resp: 35036
Ion Ratio Lower Upper
65 100
67 56.9 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004442.D
Acq: 15 Apr 2021 15:44

Tgt Ion: 114 Resp: 121541
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.4
88 15.7 0.0 30.8



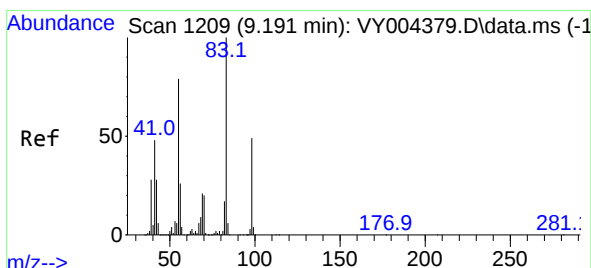
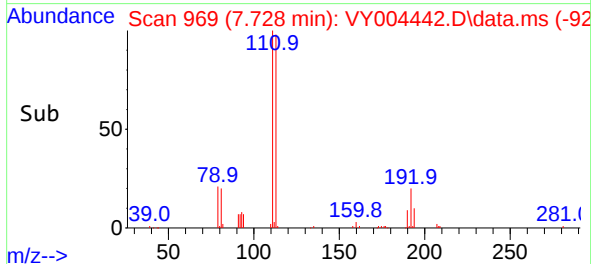
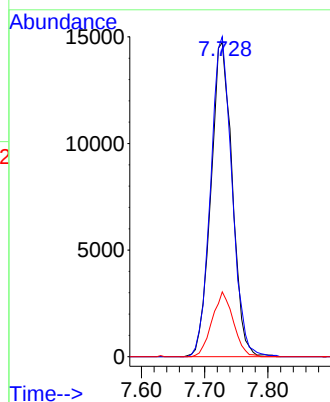
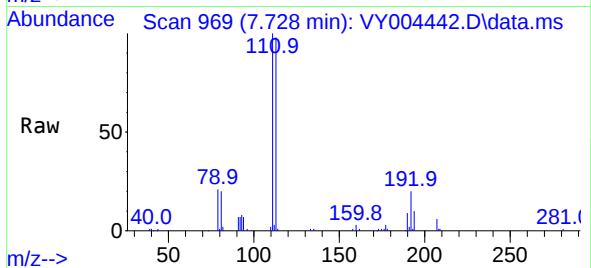


#35
Dibromofluoromethane
Concen: 51.09 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004442.D
Acq: 15 Apr 2021 15:44

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

Tgt Ion:113 Resp: 34460

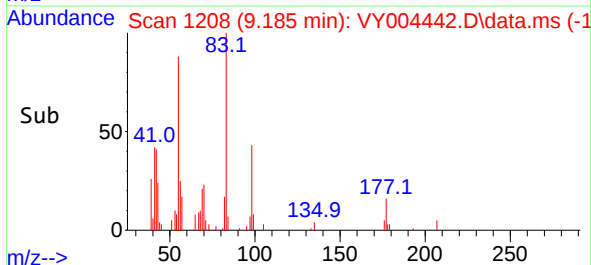
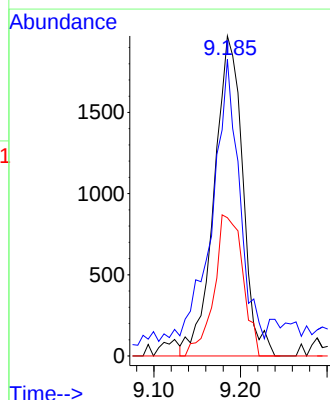
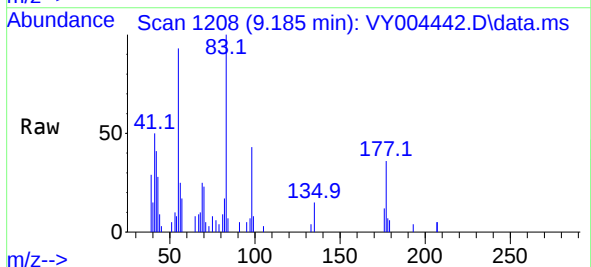
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	123.8
192	20.5	16.1	24.1

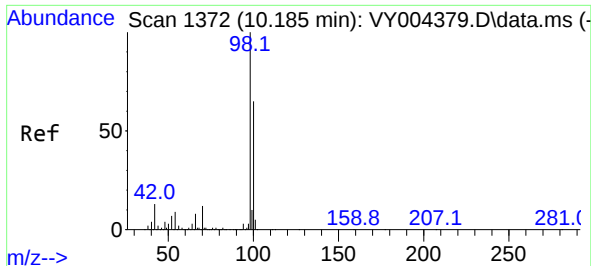


#39
Methylcyclohexane
Concen: 3.03 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY004442.D
Acq: 15 Apr 2021 15:44

Tgt Ion: 83 Resp: 4509

Ion	Ratio	Lower	Upper
83	100		
55	86.4	63.0	94.4
98	43.2	39.2	58.8

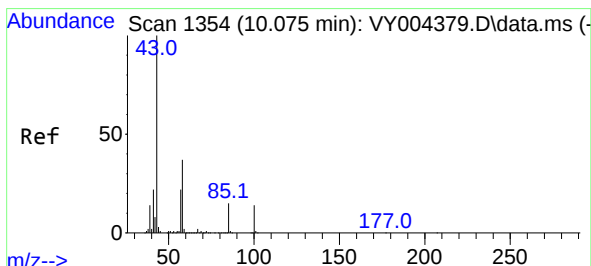
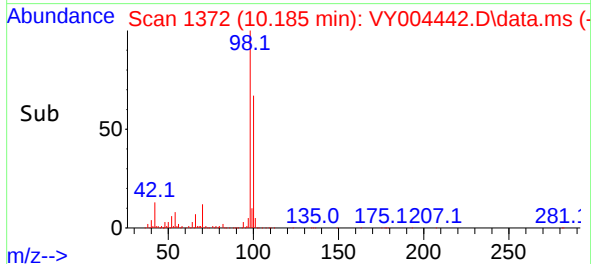
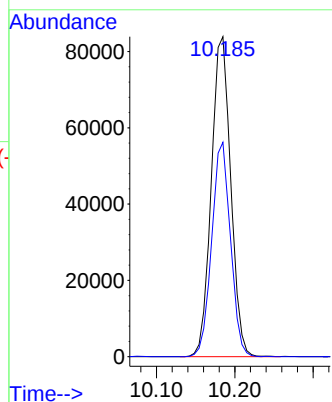
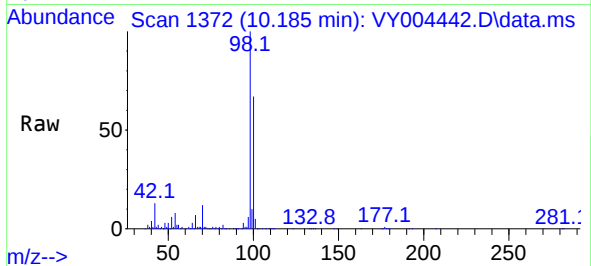




#50
Toluene-d8
Concen: 50.27 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004442.D
Acq: 15 Apr 2021 15:44

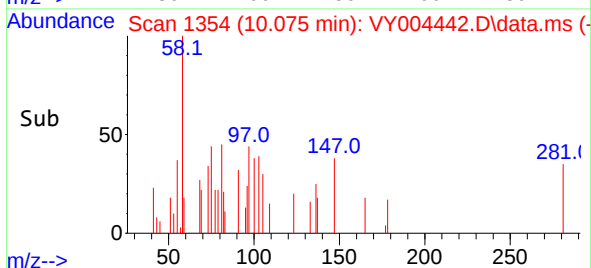
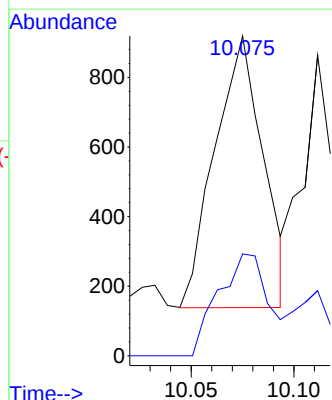
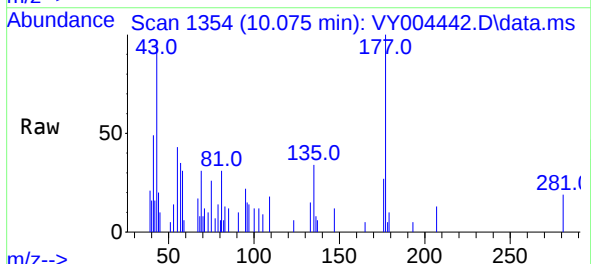
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

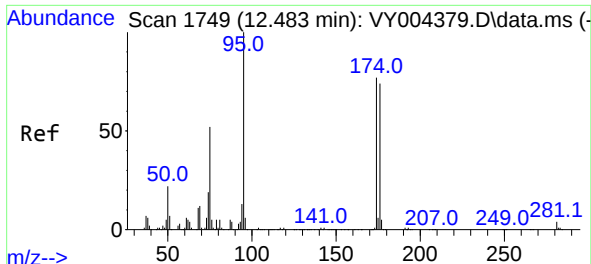
Tgt Ion: 98 Resp: 144213
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.68 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004442.D
Acq: 15 Apr 2021 15:44

Tgt Ion: 43 Resp: 1273
Ion Ratio Lower Upper
43 100
58 38.6 29.2 43.8

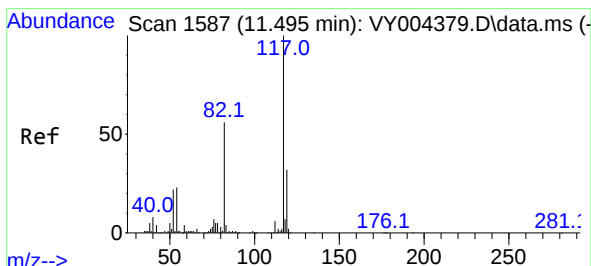
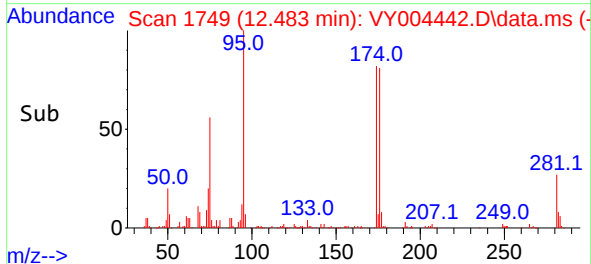
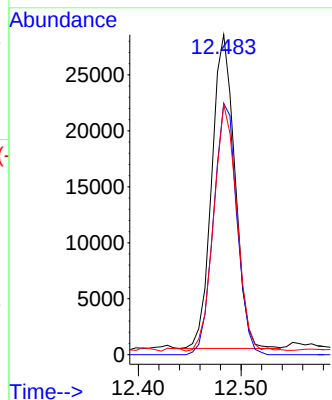
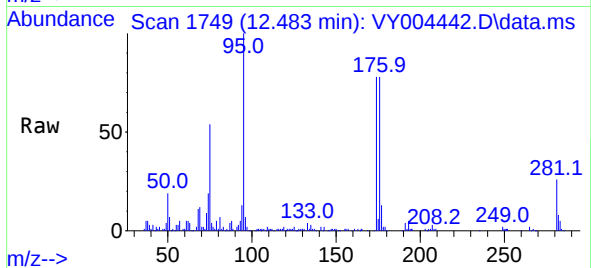




#62
4-Bromofluorobenzene
Concen: 44.87 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004442.D
Acq: 15 Apr 2021 15:44

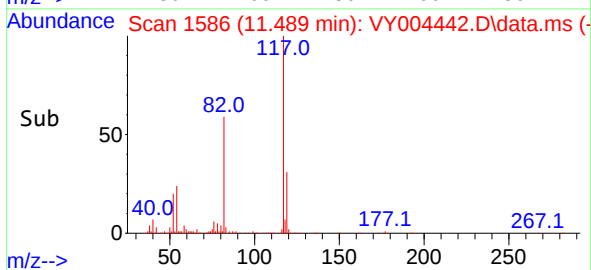
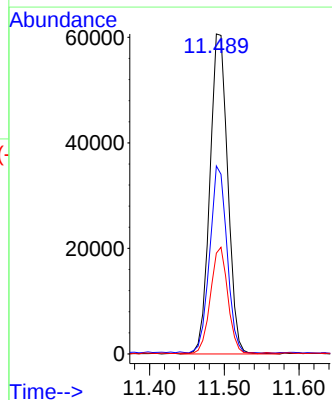
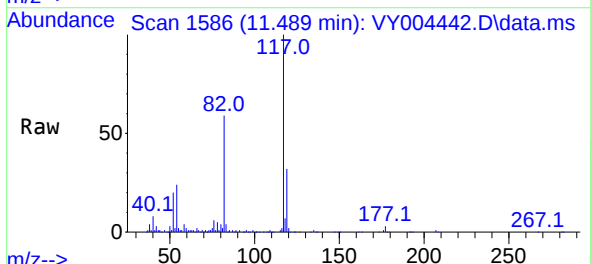
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

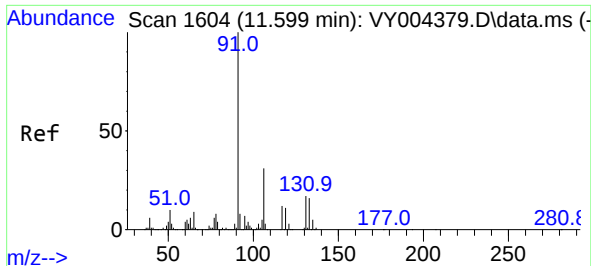
Tgt Ion:	95	Resp:	43686
Ion Ratio	Lower	Upper	
95	100		
174	81.2	0.0	162.4
176	79.2	0.0	156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004442.D
Acq: 15 Apr 2021 15:44

Tgt Ion:	117	Resp:	100785
Ion Ratio	Lower	Upper	
117	100		
82	58.3	44.9	67.3
119	31.3	25.4	38.0

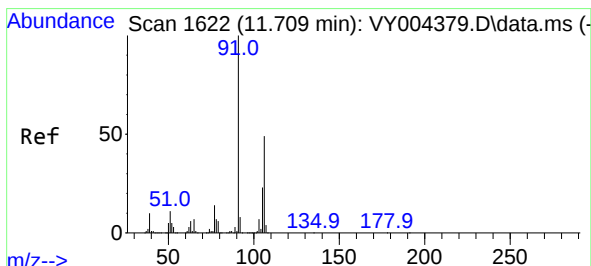
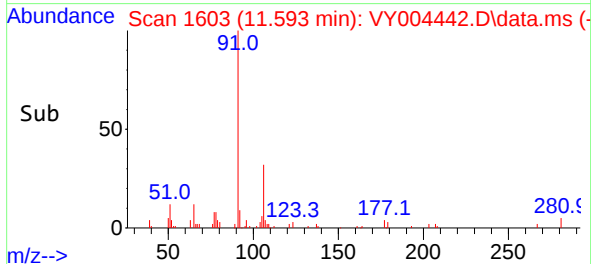
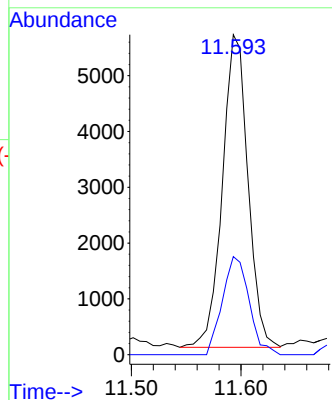
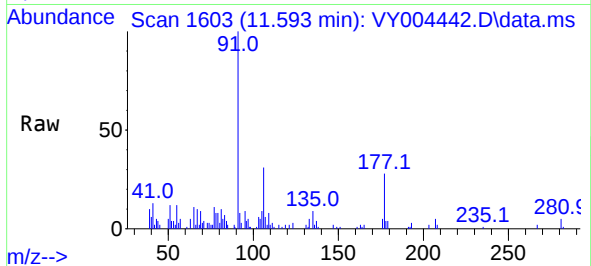




#67
Ethyl Benzene
Concen: 2.36 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY004442.D
Acq: 15 Apr 2021 15:44

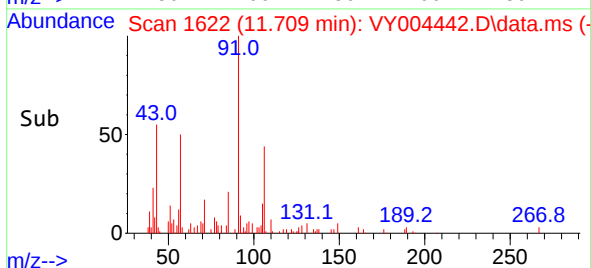
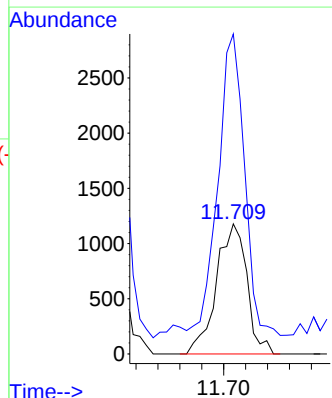
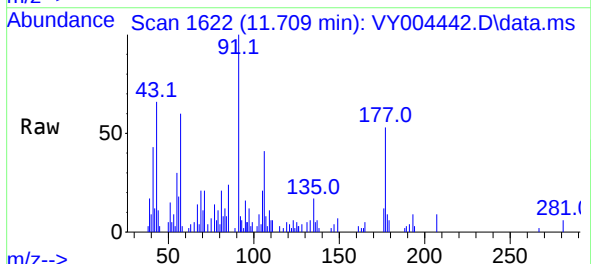
Instrument :
MSVOA_Y
ClientSampled :
SB-01-0-2.0

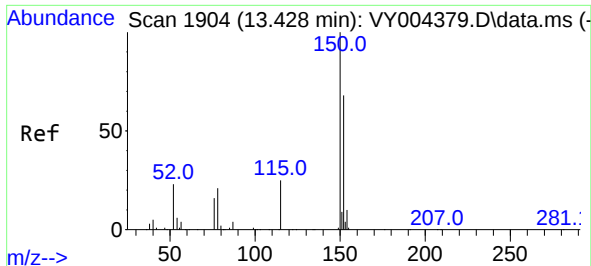
Tgt Ion: 91 Resp: 9083
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7



#68
m/p-Xylenes
Concen: 1.59 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY004442.D
Acq: 15 Apr 2021 15:44

Tgt Ion:106 Resp: 2275
Ion Ratio Lower Upper
106 100
91 207.3 163.2 244.8

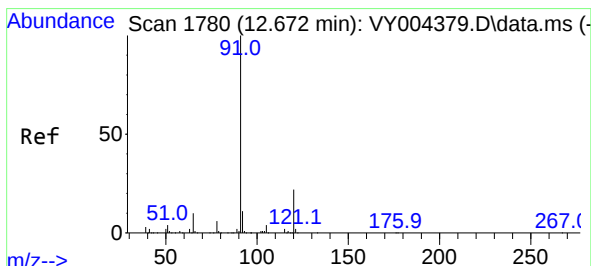
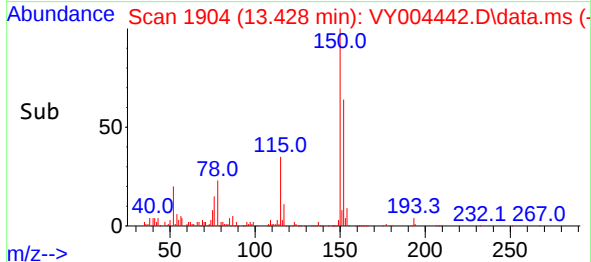
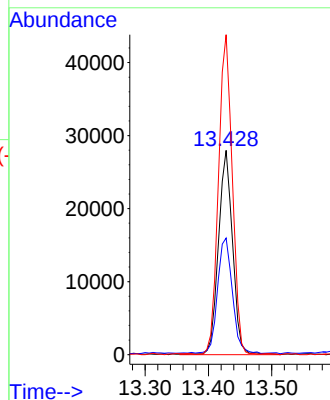
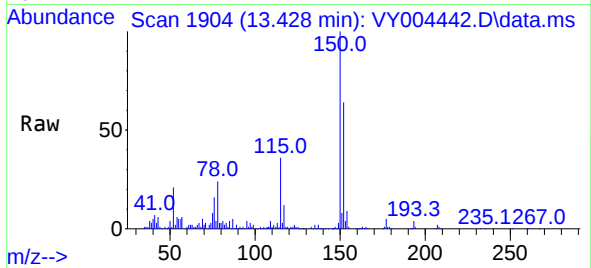




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004442.D
Acq: 15 Apr 2021 15:44

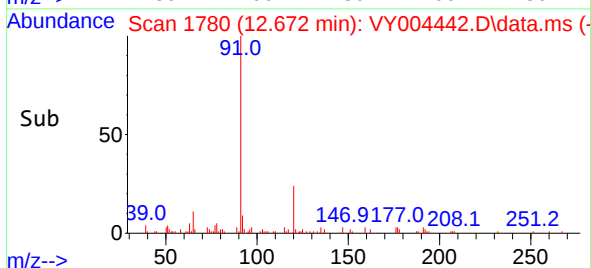
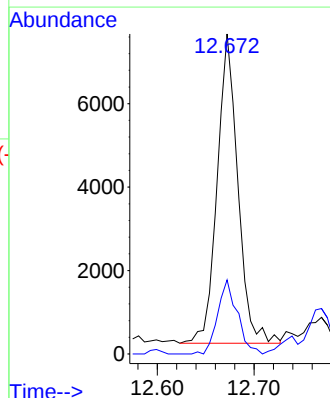
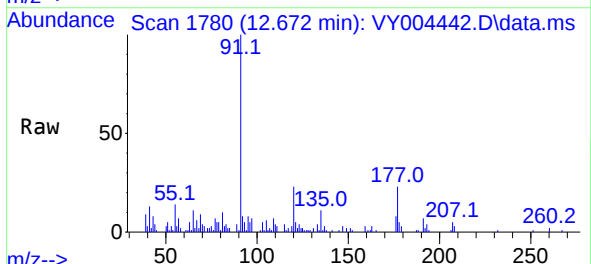
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

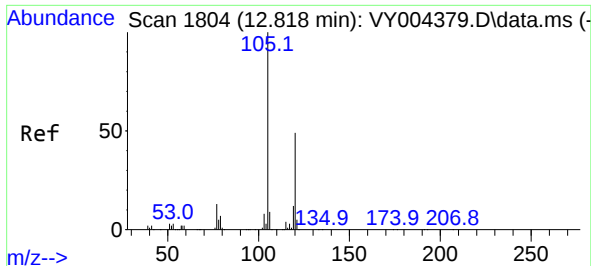
Tgt Ion:152 Resp: 43361
Ion Ratio Lower Upper
152 100
115 58.5 29.6 88.8
150 152.5 0.0 348.4



#78
n-propylbenzene
Concen: 2.78 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004442.D
Acq: 15 Apr 2021 15:44

Tgt Ion: 91 Resp: 11008
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4

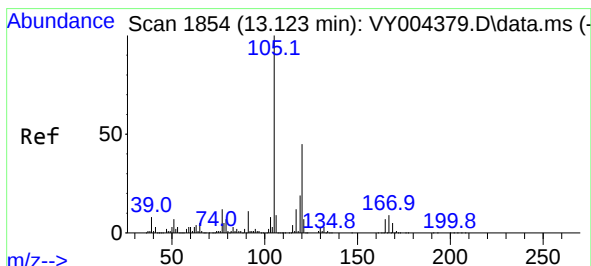
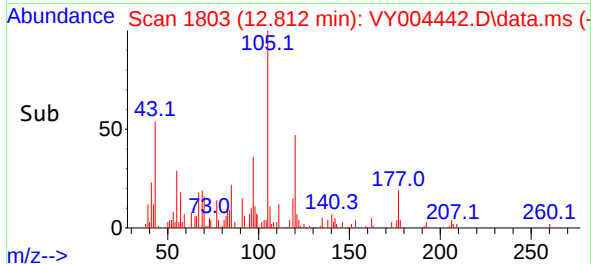
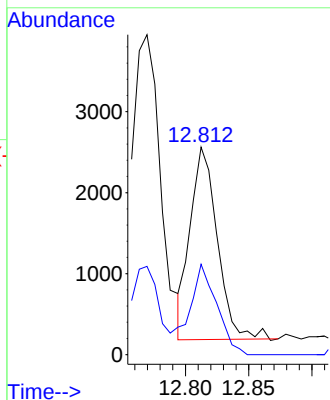
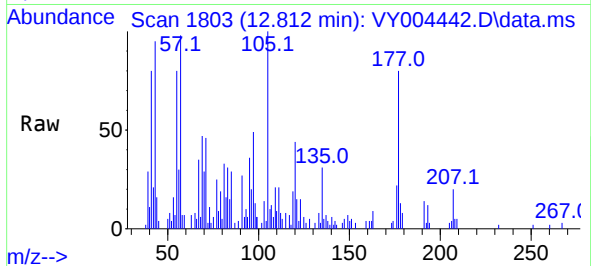




#80
1,3,5-Trimethylbenzene
Concen: 1.30 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY004442.D
Acq: 15 Apr 2021 15:44

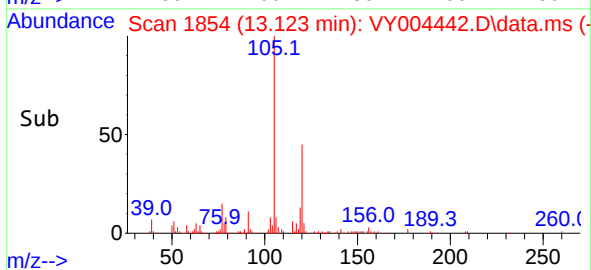
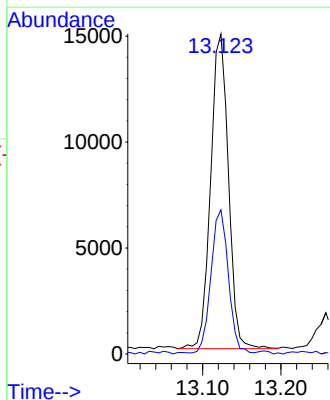
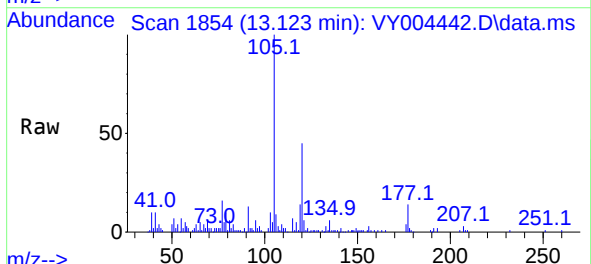
Instrument :
MSVOA_Y
ClientSampled :
SB-01-0-2.0

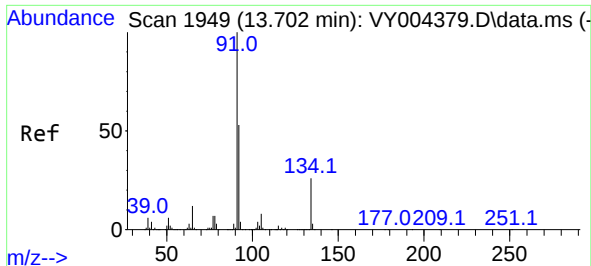
Tgt Ion:105 Resp: 3537
Ion Ratio Lower Upper
105 100
120 47.6 24.6 74.0



#84
1,2,4-Trimethylbenzene
Concen: 8.53 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004442.D
Acq: 15 Apr 2021 15:44

Tgt Ion:105 Resp: 23438
Ion Ratio Lower Upper
105 100
120 45.4 22.4 67.3

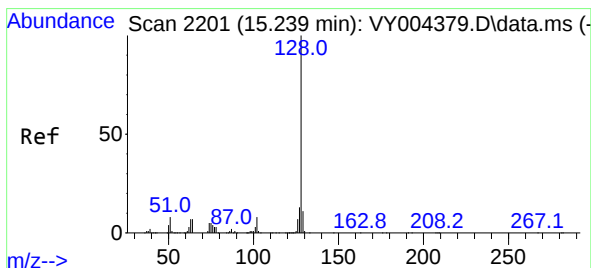
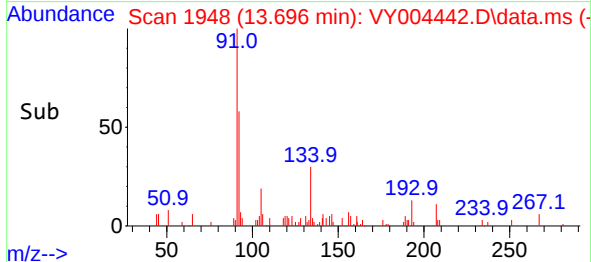
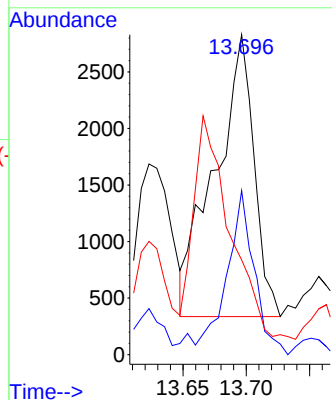
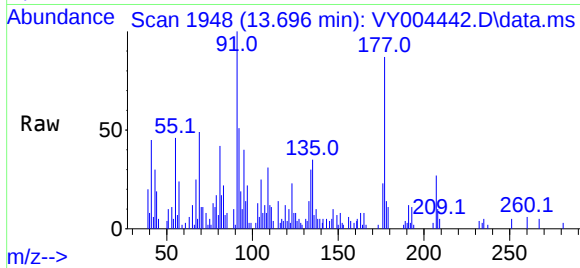




#89
n-Butylbenzene
Concen: 1.90 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY004442.D
Acq: 15 Apr 2021 15:44

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-0-2.0

Tgt Ion:	91	Resp:	5359
Ion	Ratio	Lower	Upper
91	100		
92	42.5	26.6	79.8
134	0.0	12.7	38.1#



#95
Naphthalene
Concen: 12.54 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004442.D
Acq: 15 Apr 2021 15:44

Tgt Ion:	128	Resp:	22439
Ion	Ratio	Lower	Upper
128	100		
127	15.7	10.2	15.2#
129	10.5	8.8	13.2

