

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
 Data File : VY004438.D
 Acq On : 15 Apr 2021 14:11
 Operator : SY/MD
 Sample : M2040-05
 Misc : 5.66G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FILL-B-3

Quant Time: Apr 16 05:03:56 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)

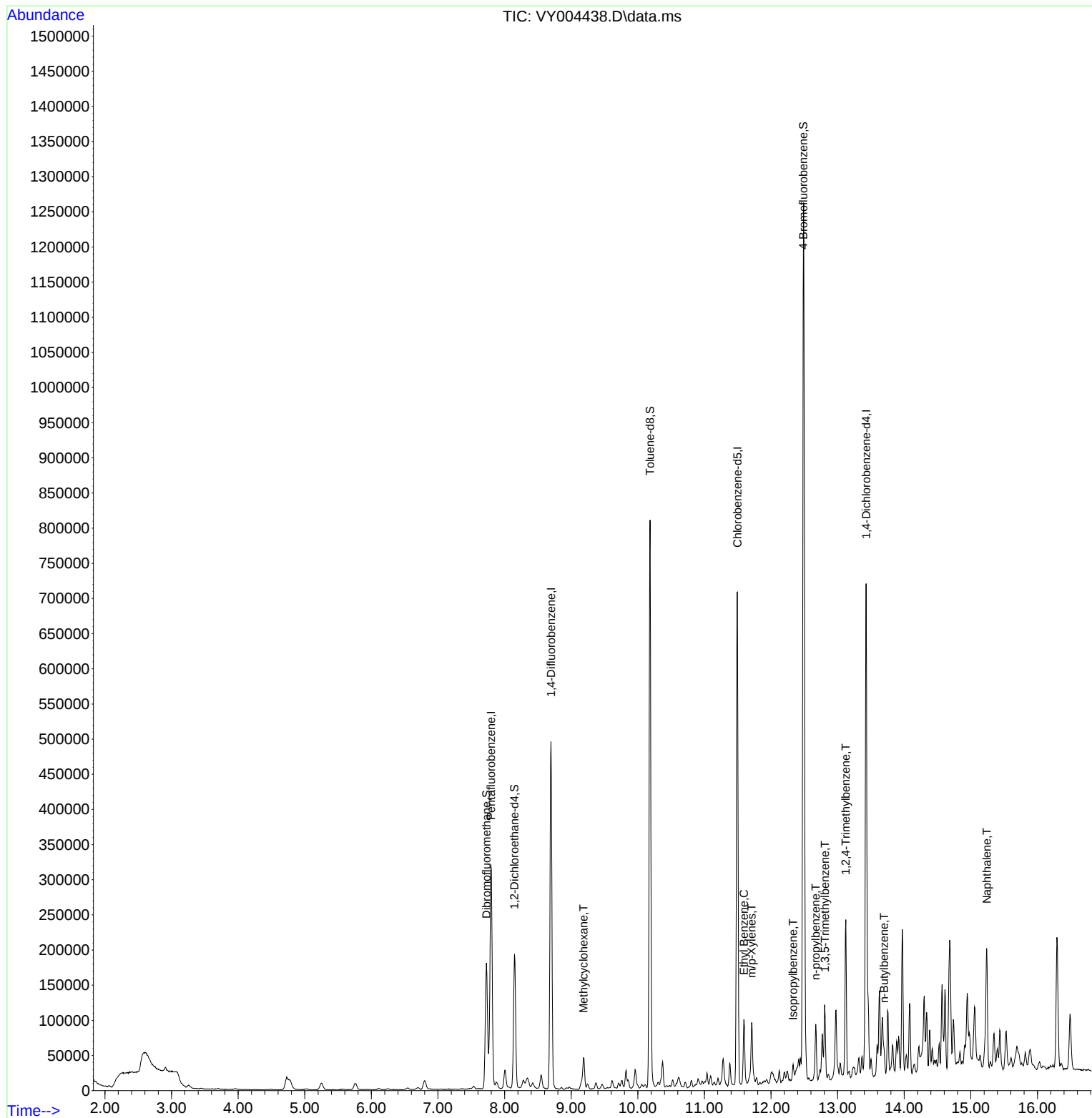
Internal Standards						
1) Pentafluorobenzene	7.795	168	238440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	411468	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	384286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	170031	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	149547	56.45	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.90%	
35) Dibromofluoromethane	7.728	113	124285	54.43	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.86%	
50) Toluene-d8	10.185	98	499944	51.47	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.94%	
62) 4-Bromofluorobenzene	12.483	95	179946	54.59	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.18%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.185	83	17719	3.52	ug/l	95
67) Ethyl Benzene	11.593	91	58555	3.99	ug/l	97
68) m/p-Xylenes	11.709	106	12339	2.26	ug/l	96
73) Isopropylbenzene	12.331	105	13377	1.02	ug/l	98
78) n-propylbenzene	12.672	91	57668	3.72	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	14074	1.32	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	113019	10.49	ug/l	100
89) n-Butylbenzene	13.696	91	24546	2.22	ug/l #	74
95) Naphthalene	15.239	128	128969	18.38	ug/l	99

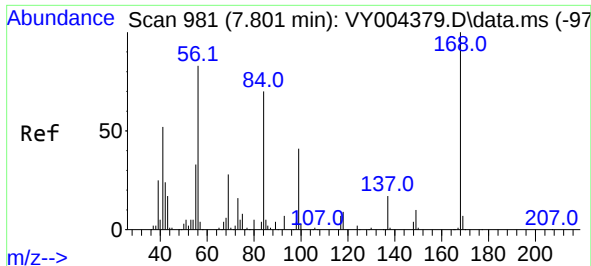
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

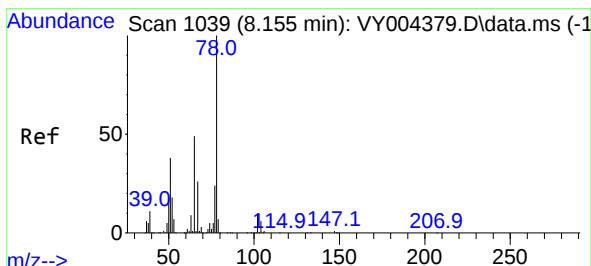
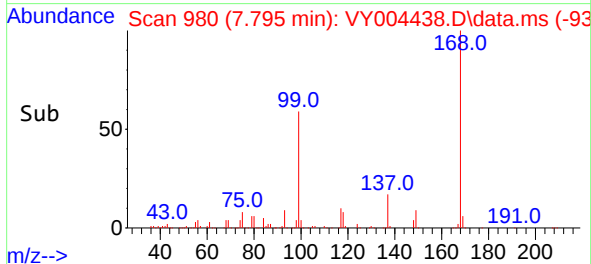
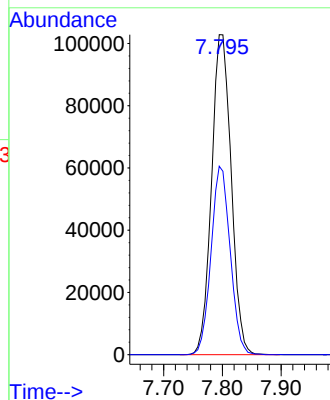
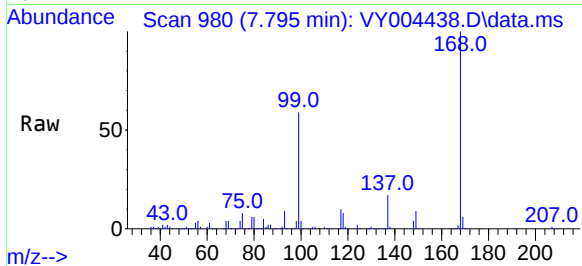




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004438.D
Acq: 15 Apr 2021 14:11

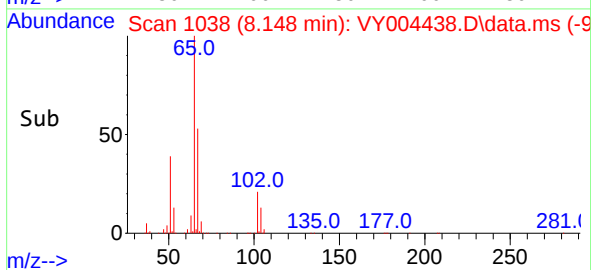
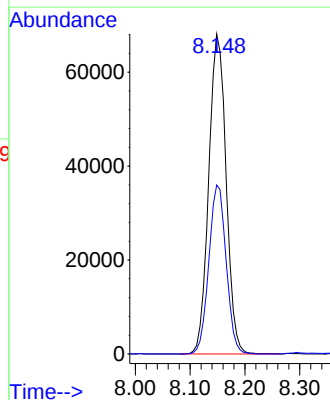
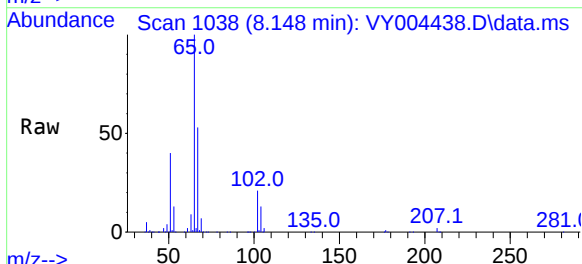
Instrument :
MSVOA_Y
ClientSampleId :
FILL-B-3

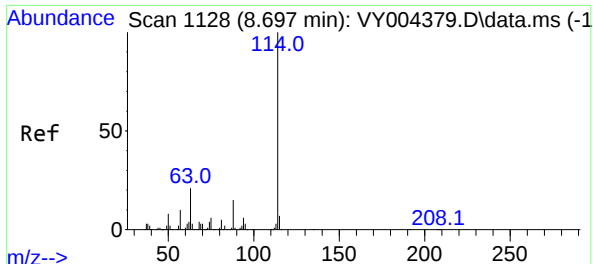
Tgt Ion:168 Resp: 238440
Ion Ratio Lower Upper
168 100
99 58.9 45.5 68.3



#33
1,2-Dichloroethane-d4
Concen: 56.45 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004438.D
Acq: 15 Apr 2021 14:11

Tgt Ion: 65 Resp: 149547
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.4

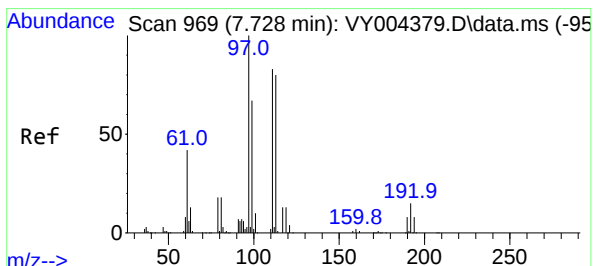
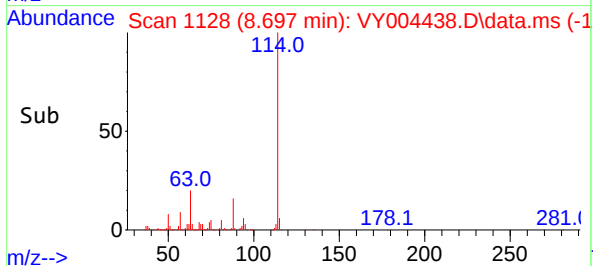
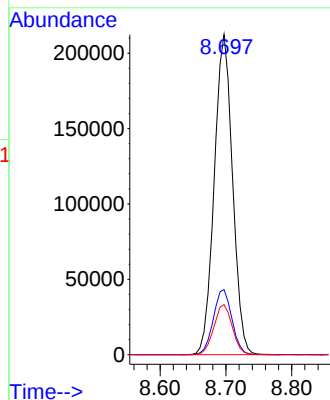
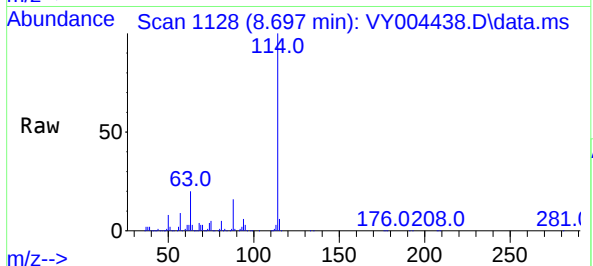




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004438.D
Acq: 15 Apr 2021 14:11

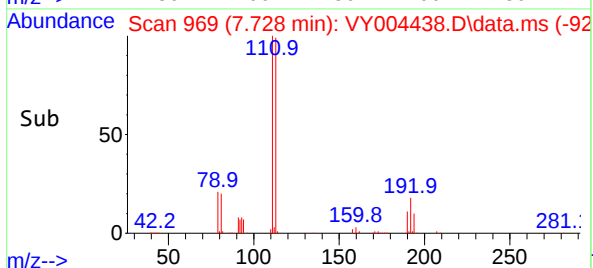
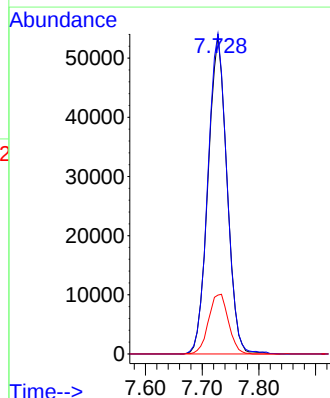
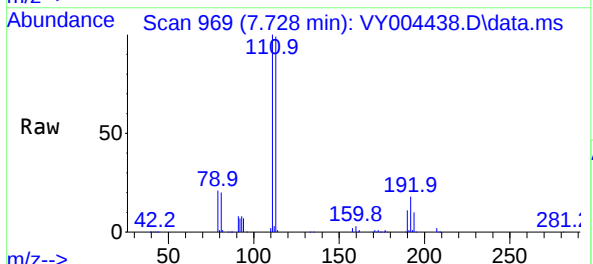
Instrument :
MSVOA_Y
ClientSampleId :
FILL-B-3

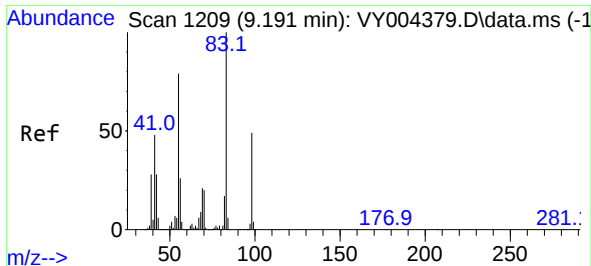
Tgt Ion:	114	Resp:	411468
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.4
88	15.7	0.0	30.8



#35
Dibromofluoromethane
Concen: 54.43 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004438.D
Acq: 15 Apr 2021 14:11

Tgt Ion:	113	Resp:	124285
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.6	123.8
192	19.8	16.1	24.1

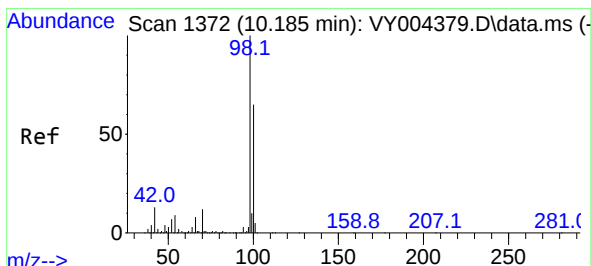
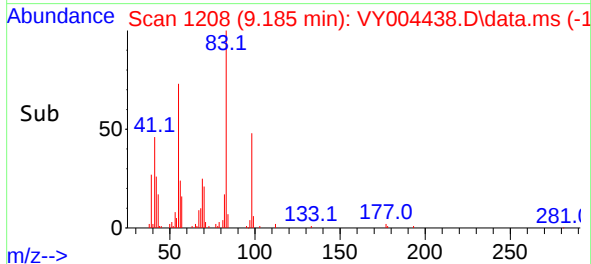
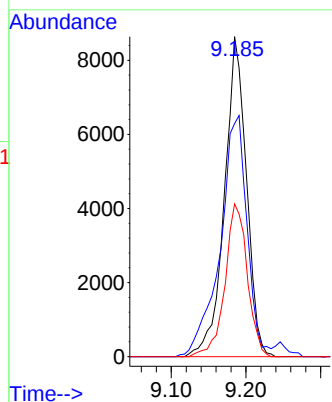
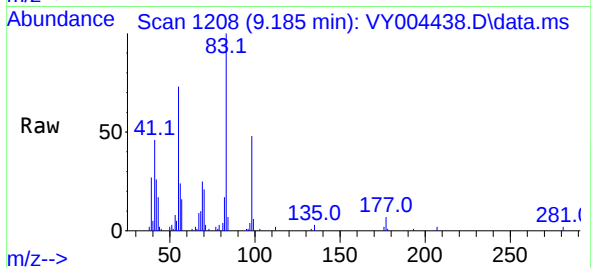




#39
Methylcyclohexane
Concen: 3.52 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY004438.D
Acq: 15 Apr 2021 14:11

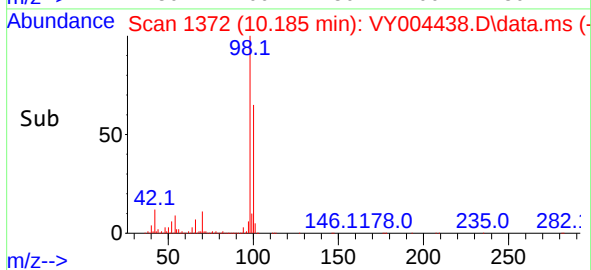
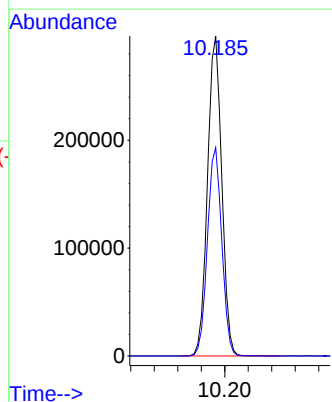
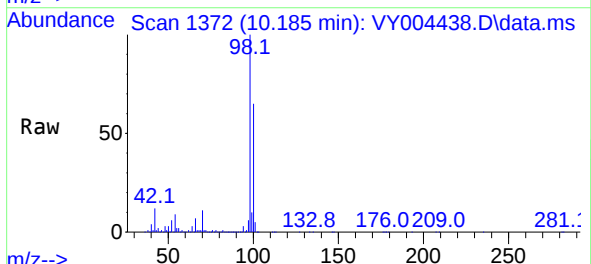
Instrument :
MSVOA_Y
ClientSampleId :
FILL-B-3

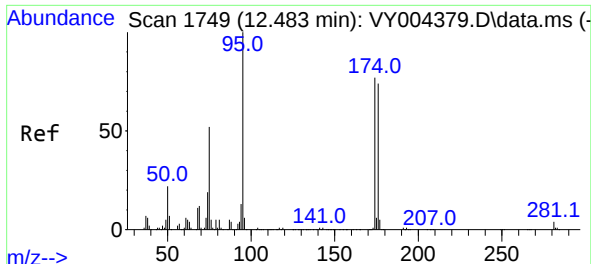
Tgt Ion: 83 Resp: 17719
Ion Ratio Lower Upper
83 100
55 72.2 63.0 94.4
98 47.8 39.2 58.8



#50
Toluene-d8
Concen: 51.47 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004438.D
Acq: 15 Apr 2021 14:11

Tgt Ion: 98 Resp: 499944
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6

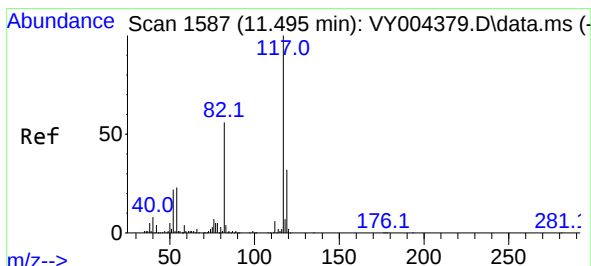
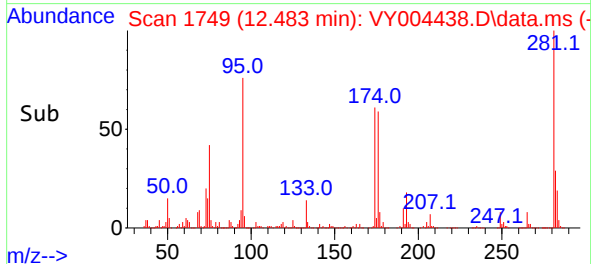
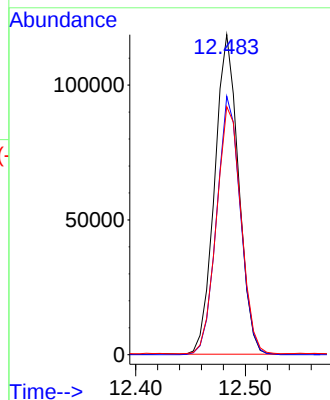
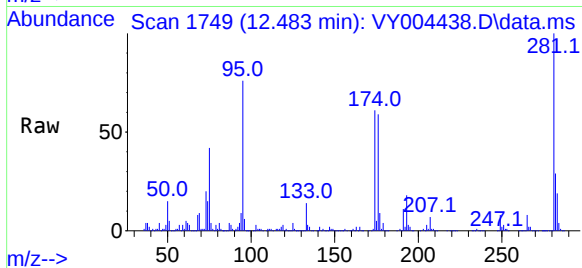




#62
4-Bromofluorobenzene
Concen: 54.59 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004438.D
Acq: 15 Apr 2021 14:11

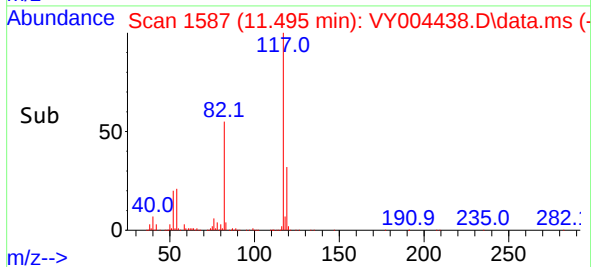
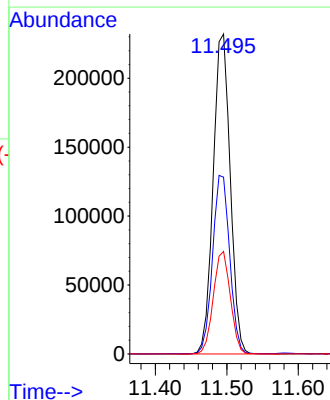
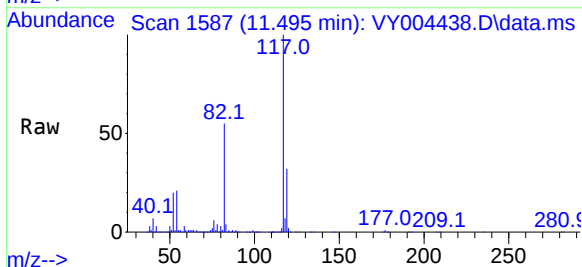
Instrument :
MSVOA_Y
ClientSampleId :
FILL-B-3

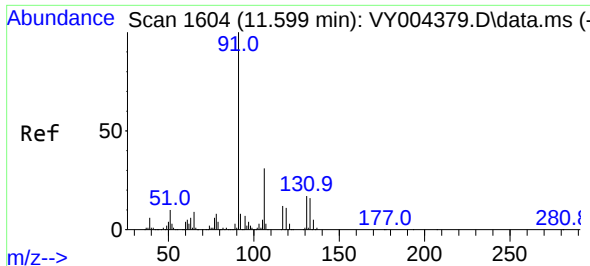
Tgt Ion: 95 Resp: 179946
Ion Ratio Lower Upper
95 100
174 79.9 0.0 162.4
176 79.3 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004438.D
Acq: 15 Apr 2021 14:11

Tgt Ion: 117 Resp: 384286
Ion Ratio Lower Upper
117 100
82 55.2 44.9 67.3
119 32.1 25.4 38.0

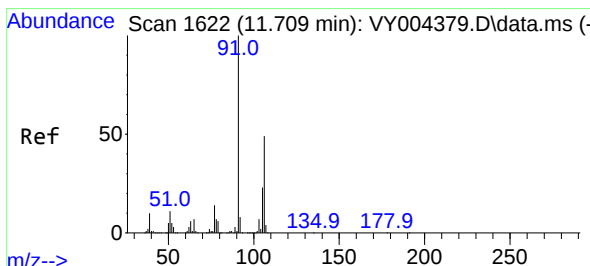
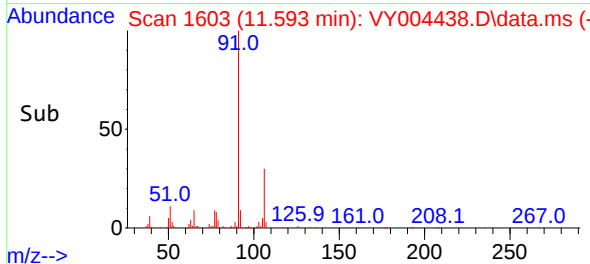
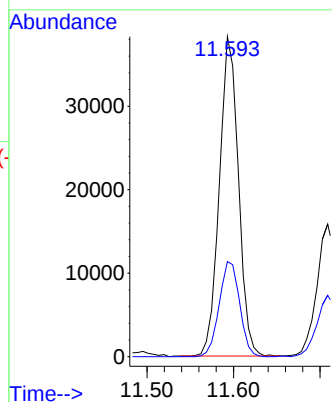
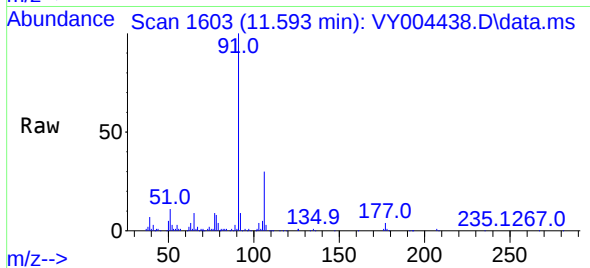




#67
Ethyl Benzene
Concen: 3.99 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY004438.D
Acq: 15 Apr 2021 14:11

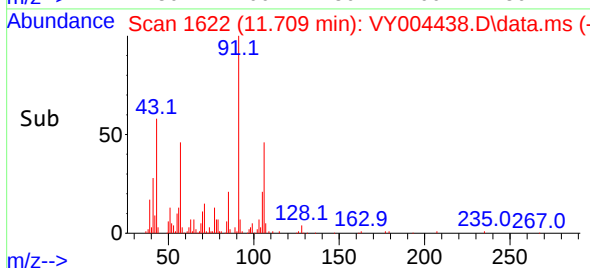
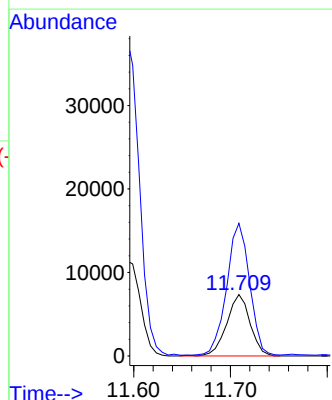
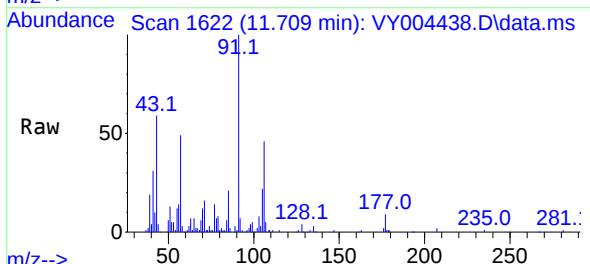
Instrument :
MSVOA_Y
ClientSampled :
FILL-B-3

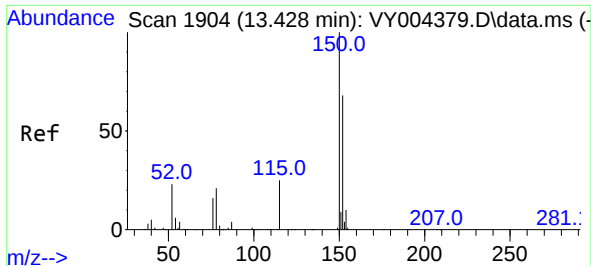
Tgt Ion: 91 Resp: 58555
Ion Ratio Lower Upper
91 100
106 29.8 25.1 37.7



#68
m/p-Xylenes
Concen: 2.26 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. -0.000 min
Lab File: VY004438.D
Acq: 15 Apr 2021 14:11

Tgt Ion: 106 Resp: 12339
Ion Ratio Lower Upper
106 100
91 210.0 163.2 244.8

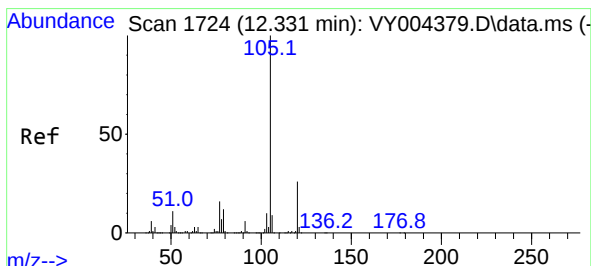
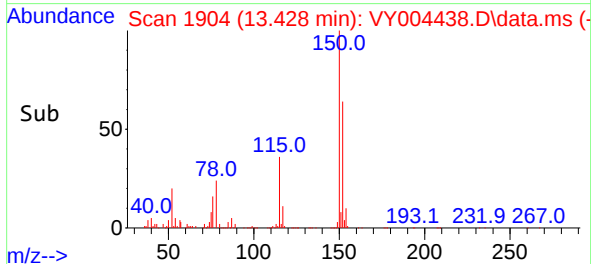
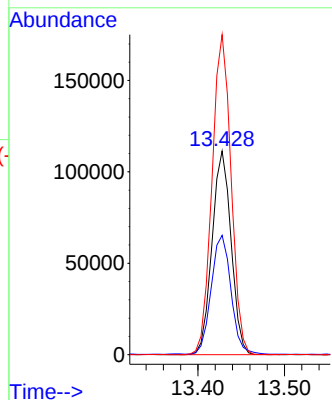
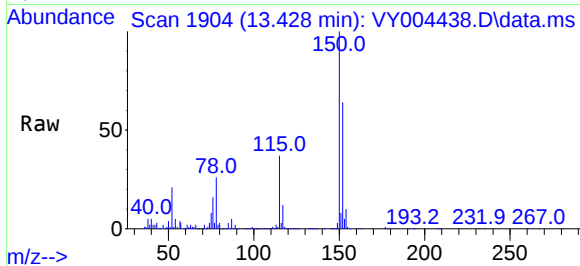




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004438.D
Acq: 15 Apr 2021 14:11

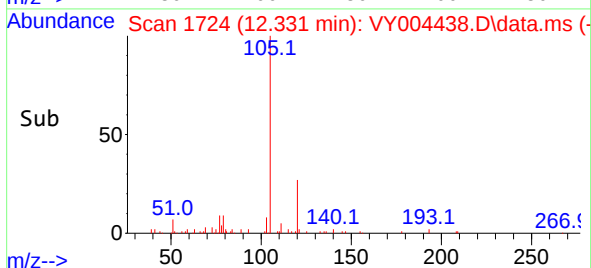
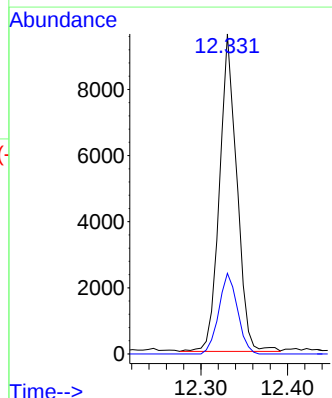
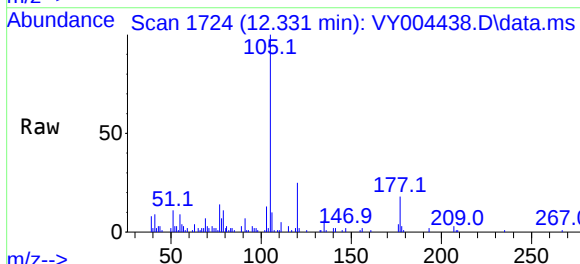
Instrument :
MSVOA_Y
ClientSampleId :
FILL-B-3

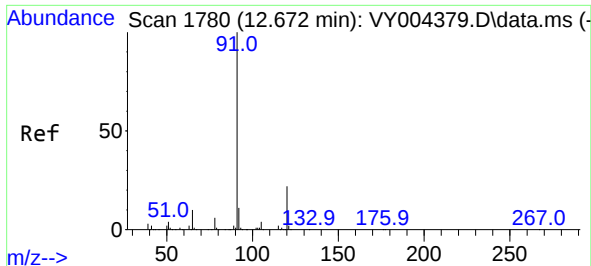
Tgt Ion:152 Resp: 170031
Ion Ratio Lower Upper
152 100
115 60.9 29.6 88.8
150 157.4 0.0 348.4



#73
Isopropylbenzene
Concen: 1.02 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY004438.D
Acq: 15 Apr 2021 14:11

Tgt Ion:105 Resp: 13377
Ion Ratio Lower Upper
105 100
120 27.3 13.2 39.5

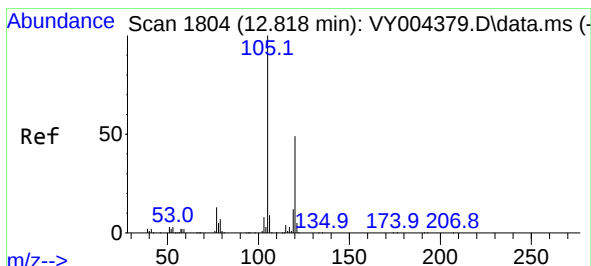
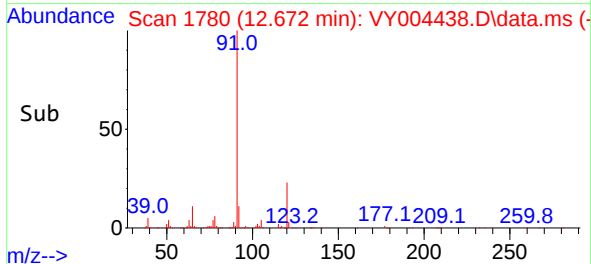
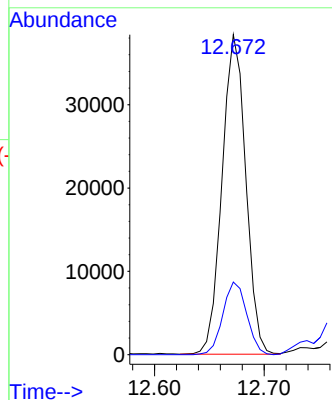
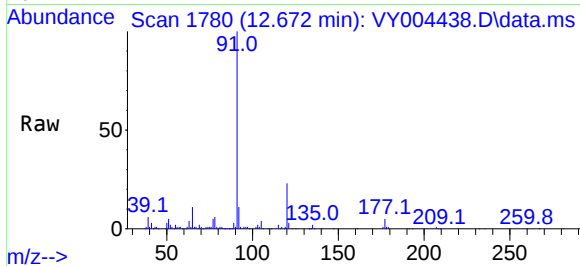




#78
n-propylbenzene
Concen: 3.72 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY004438.D
Acq: 15 Apr 2021 14:11

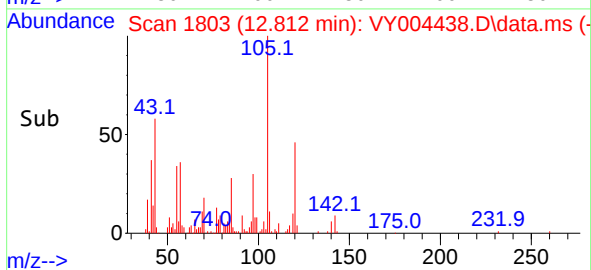
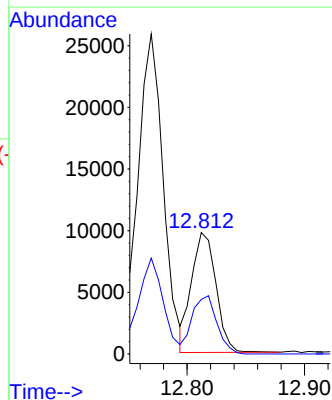
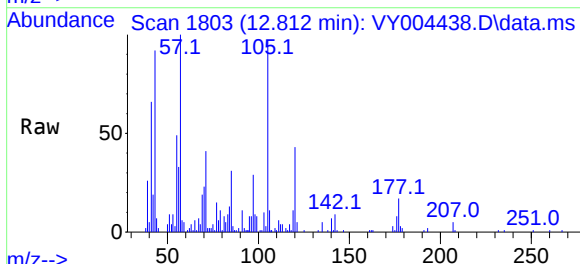
Instrument :
MSVOA_Y
ClientSampled :
FILL-B-3

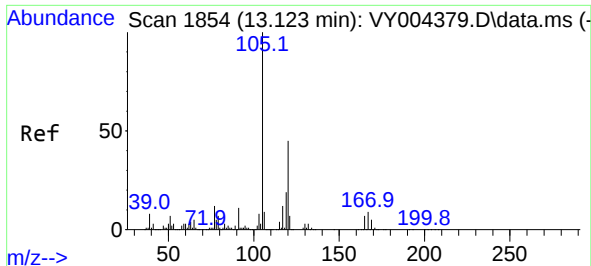
Tgt Ion: 91 Resp: 57668
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 1.32 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY004438.D
Acq: 15 Apr 2021 14:11

Tgt Ion: 105 Resp: 14074
Ion Ratio Lower Upper
105 100
120 49.4 24.6 74.0

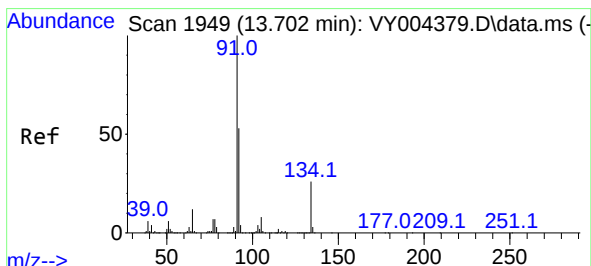
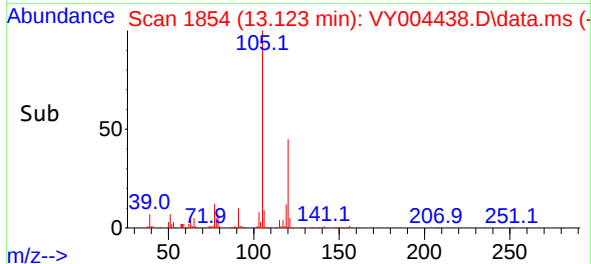
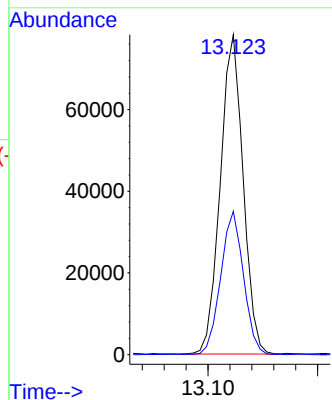
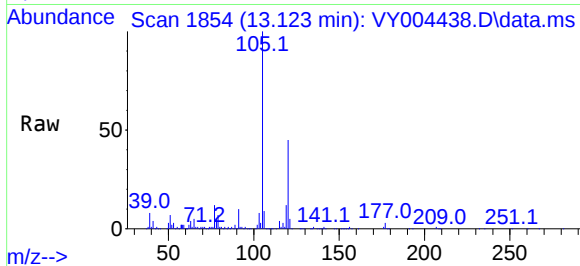




#84
1,2,4-Trimethylbenzene
Concen: 10.49 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004438.D
Acq: 15 Apr 2021 14:11

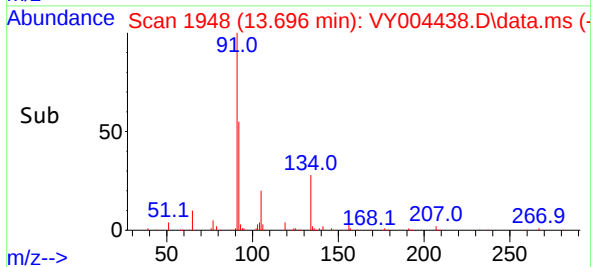
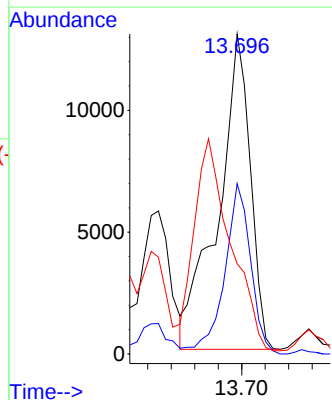
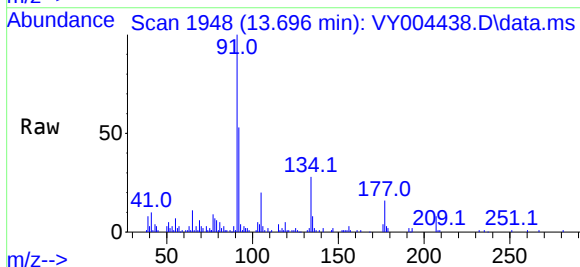
Instrument :
MSVOA_Y
ClientSampleId :
FILL-B-3

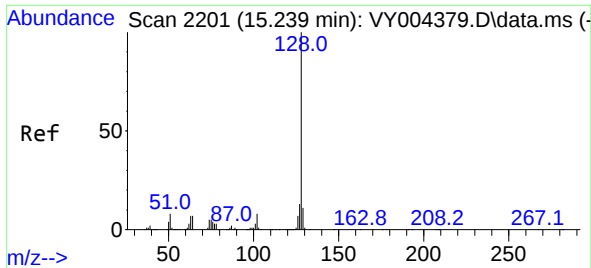
Tgt Ion:105 Resp: 113019
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.3



#89
n-Butylbenzene
Concen: 2.22 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY004438.D
Acq: 15 Apr 2021 14:11

Tgt Ion: 91 Resp: 24546
Ion Ratio Lower Upper
91 100
92 43.5 26.6 79.8
134 0.0 12.7 38.1#





#95
Naphthalene
Concen: 18.38 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004438.D
Acq: 15 Apr 2021 14:11

Instrument :
MSVOA_Y
ClientSampleId :
FILL-B-3

Tgt Ion:128 Resp: 128969
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.2
129 11.1 8.8 13.2

