

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy060921\
 Data File : VY005060.D
 Acq On : 09 Jun 2021 20:33
 Operator : SY/MD
 Sample : M2645-01
 Misc : 1.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 23892

Quant Time: Jun 10 02:45:05 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)

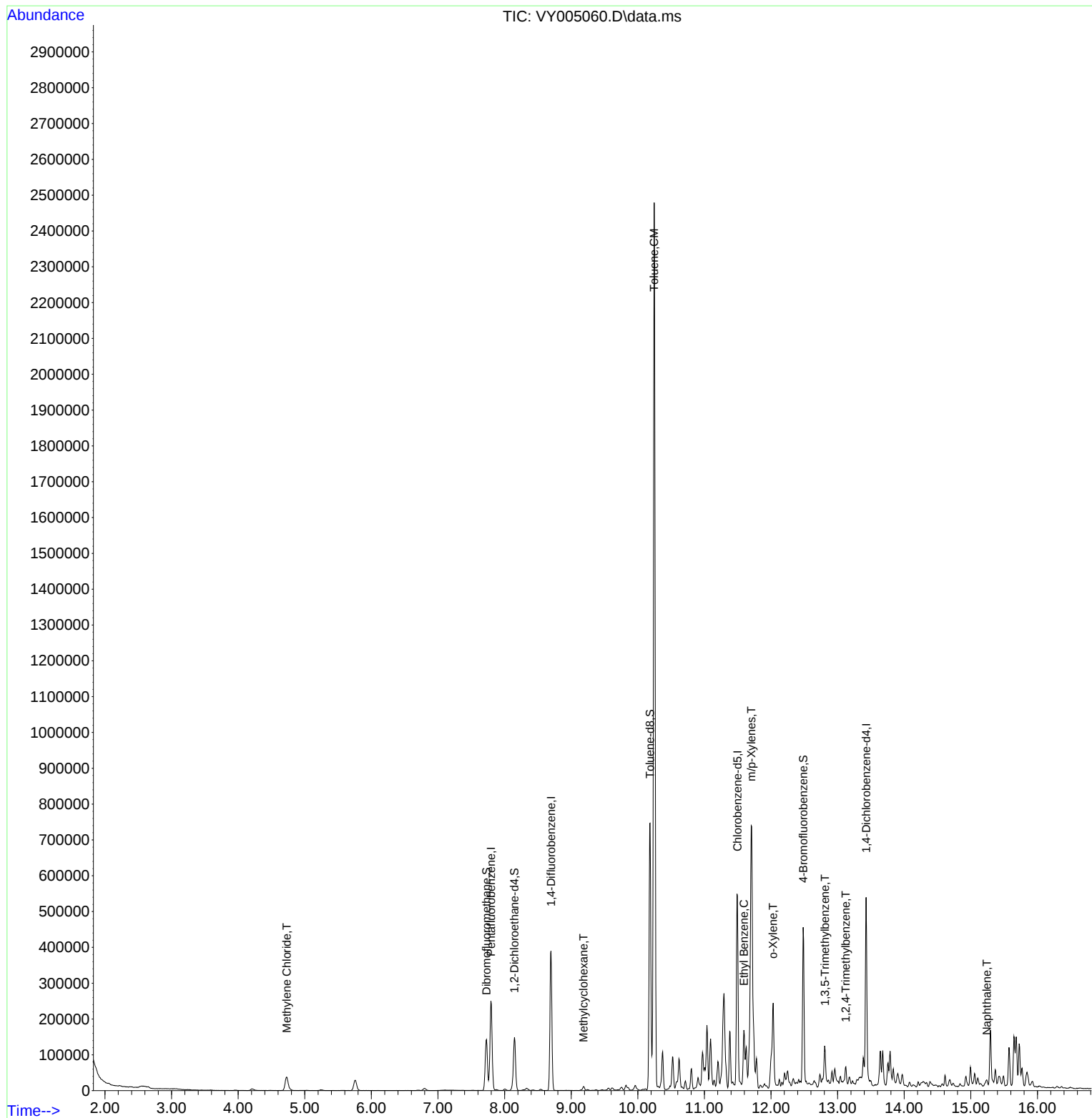
Internal Standards						
1) Pentafluorobenzene	7.795	168	186449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	331045	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	302806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	111436	56.535	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 113.080%		
35) Dibromofluoromethane	7.728	113	102769	57.701	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 115.400%		
50) Toluene-d8	10.185	98	419050	56.651	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 113.300%		
62) 4-Bromofluorobenzene	12.483	95	128833	50.643	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 101.280%		
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.728	84	28101	7.235	ug/l	90
39) Methylcyclohexane	9.185	83	3827	1.069	ug/l	94
52) Toluene	10.246	92	1007233	179.565	ug/l	100
67) Ethyl Benzene	11.593	91	98453	8.880	ug/l	99
68) m/p-Xylenes	11.703	106	163944	39.465	ug/l	99
69) o-Xylene	12.032	106	51692	13.362	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	7727	1.004	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	27027	3.535	ug/l	98
95) Naphthalene	15.239	128	14770	3.052	ug/l	98

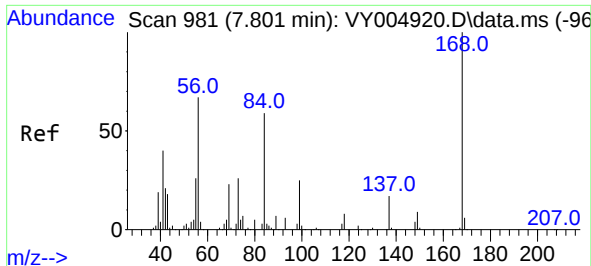
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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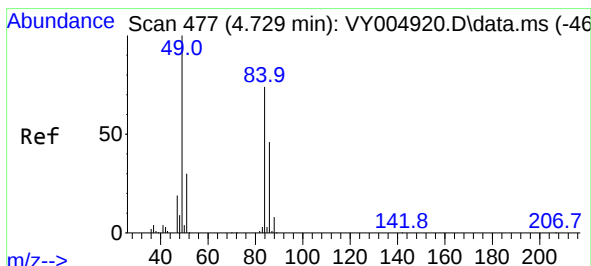
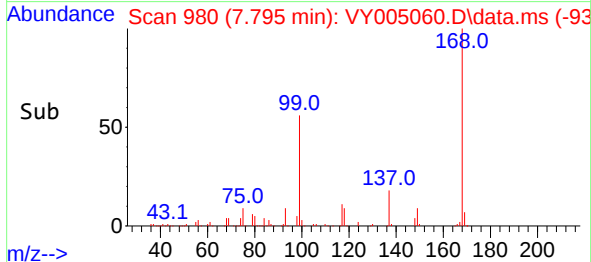
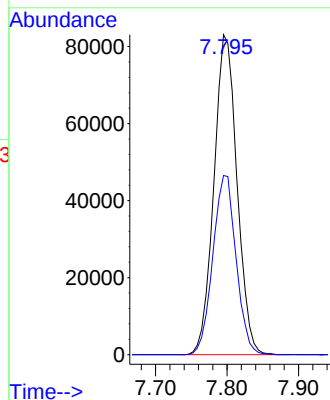
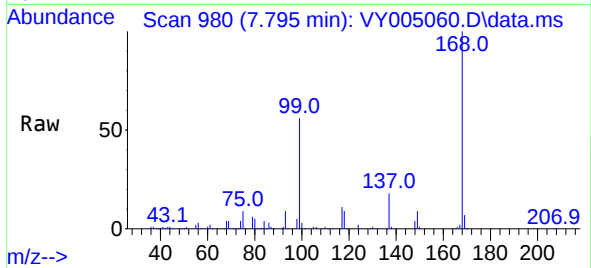




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005060.D
Acq: 09 Jun 2021 20:33

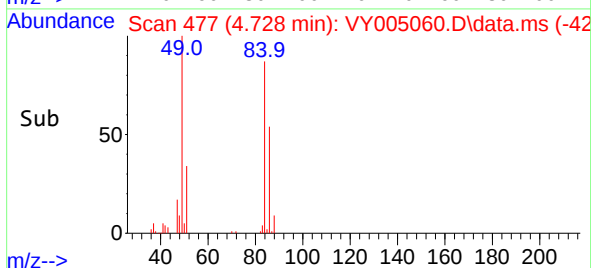
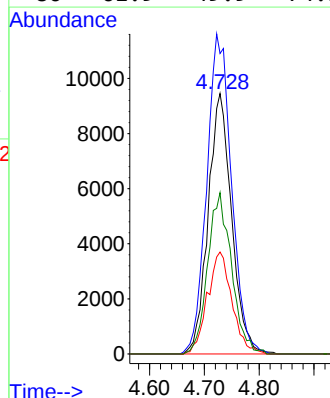
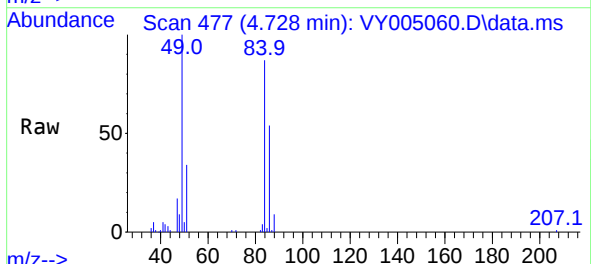
Instrument :
MSVOA_Y
ClientSampled :
23892

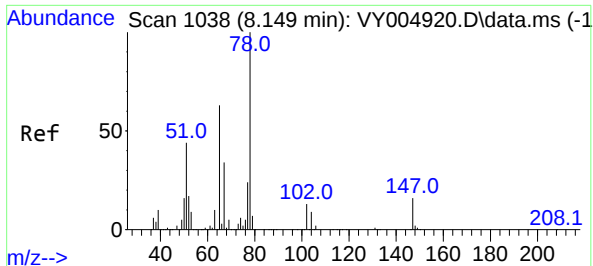
Tgt Ion:168 Resp: 186449
Ion Ratio Lower Upper
168 100
99 56.0 43.9 65.9



#20
Methylene Chloride
Concen: 7.235 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005060.D
Acq: 09 Jun 2021 20:33

Tgt Ion: 84 Resp: 28101
Ion Ratio Lower Upper
84 100
49 115.4 108.0 162.0
51 39.1 32.6 48.8
86 61.9 49.9 74.9

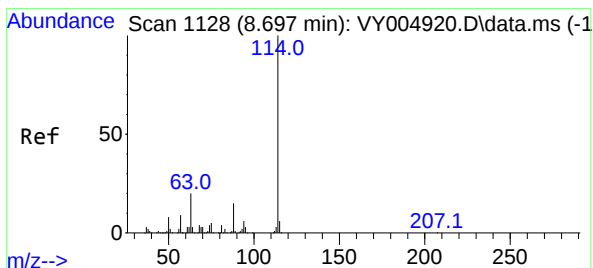
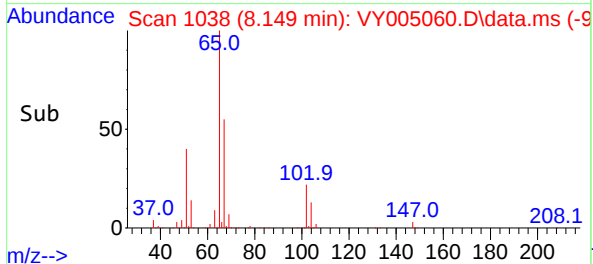
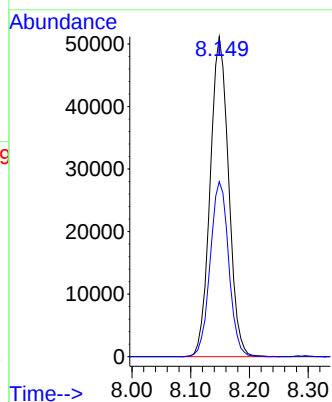
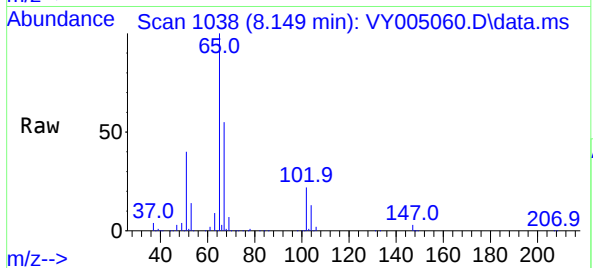




#33
1,2-Dichloroethane-d4
Concen: 56.535 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005060.D
Acq: 09 Jun 2021 20:33

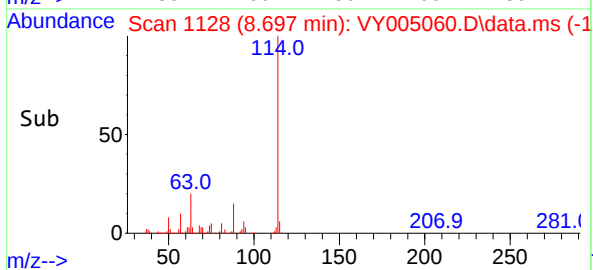
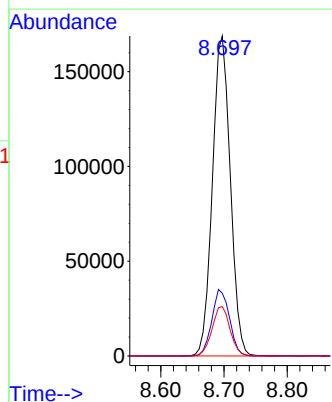
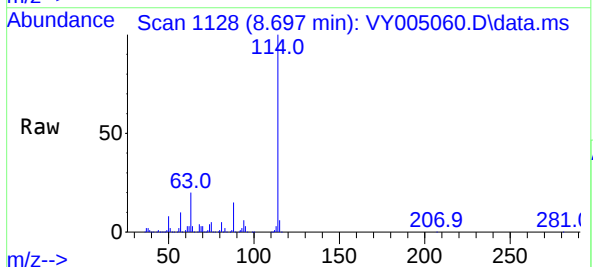
Instrument :
MSVOA_Y
ClientSampleId :
23892

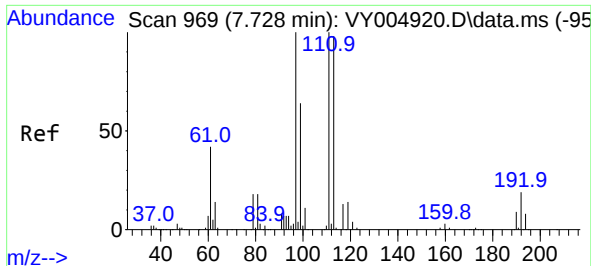
Tgt Ion: 65 Resp: 111436
Ion Ratio Lower Upper
65 100
67 54.9 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005060.D
Acq: 09 Jun 2021 20:33

Tgt Ion:114 Resp: 331045
Ion Ratio Lower Upper
114 100
63 19.6 0.0 41.0
88 15.4 0.0 30.6



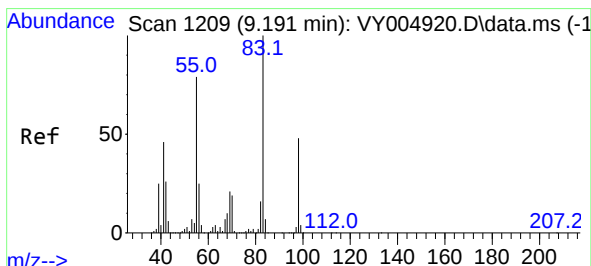
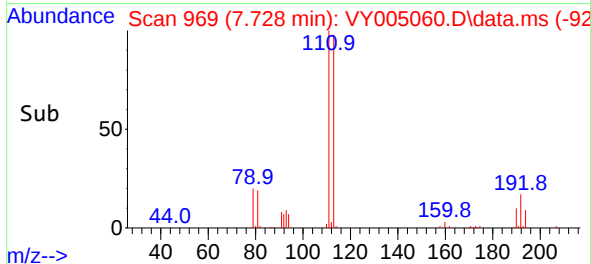
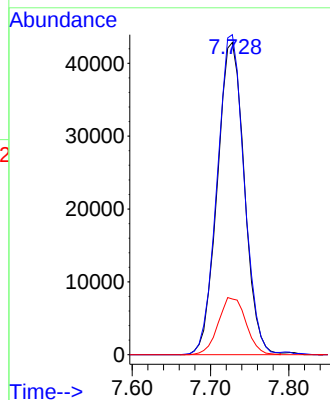
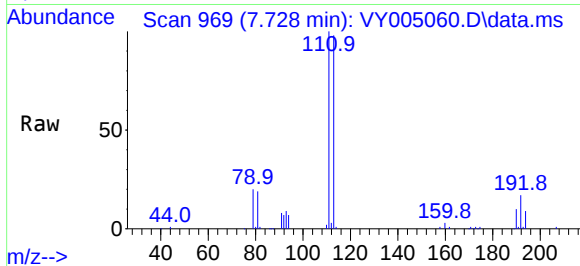


#35
Dibromofluoromethane
Concen: 57.701 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005060.D
Acq: 09 Jun 2021 20:33

Instrument :
MSVOA_Y
ClientSampleId :
23892

Tgt Ion:113 Resp: 102769

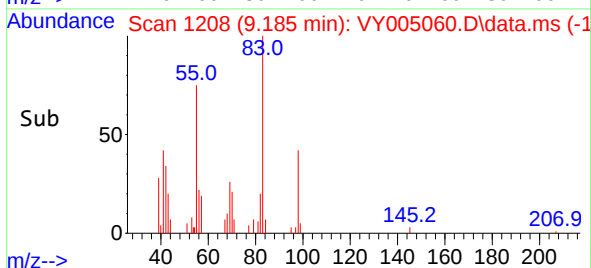
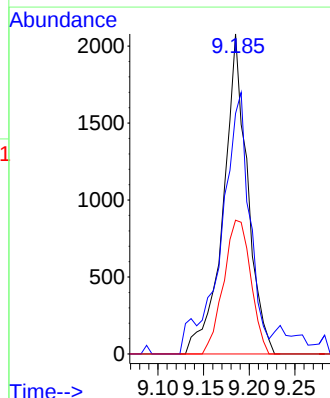
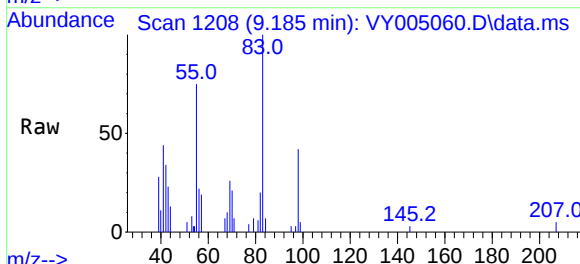
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.8
192	18.8	15.3	22.9

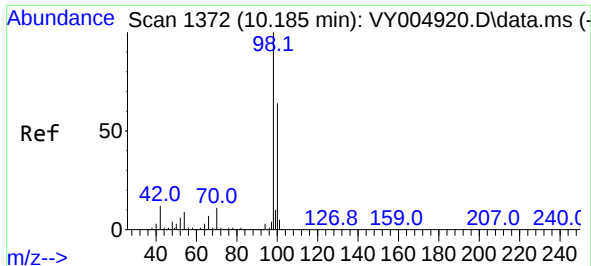


#39
Methylcyclohexane
Concen: 1.069 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY005060.D
Acq: 09 Jun 2021 20:33

Tgt Ion: 83 Resp: 3827

Ion	Ratio	Lower	Upper
83	100		
55	75.2	63.1	94.7
98	41.8	38.6	58.0

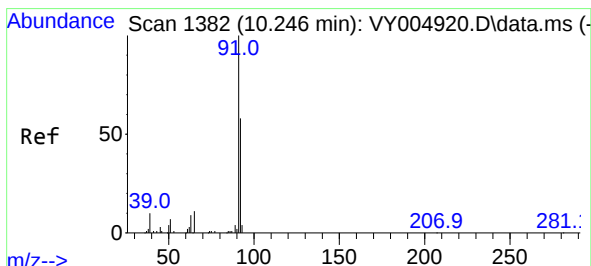
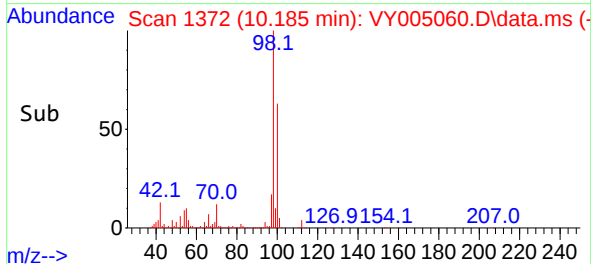
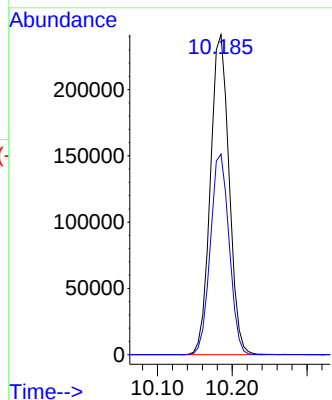
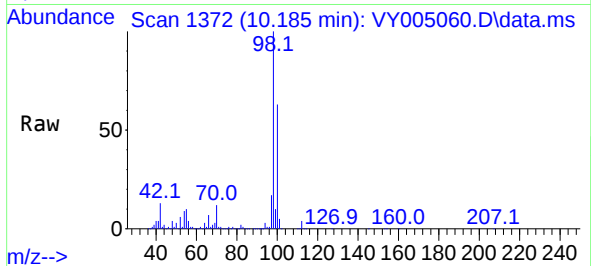




#50
Toluene-d8
Concen: 56.651 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005060.D
Acq: 09 Jun 2021 20:33

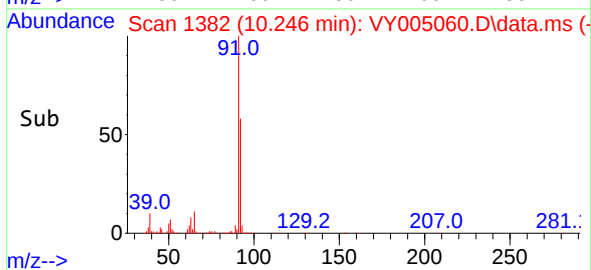
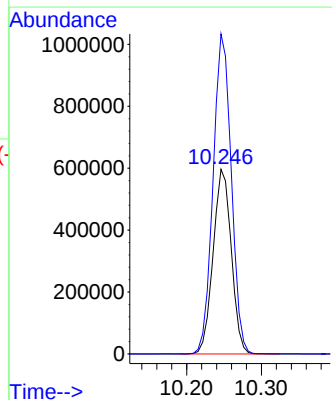
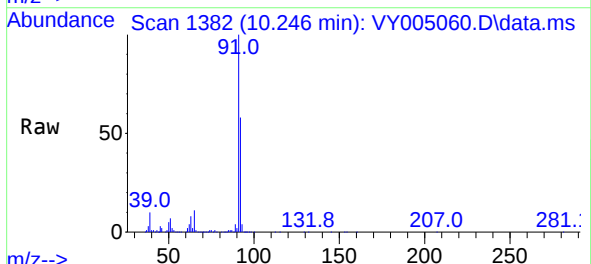
Instrument :
MSVOA_Y
ClientSampled :
23892

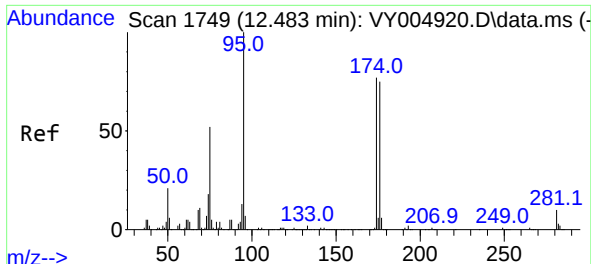
Tgt Ion: 98 Resp: 419050
Ion Ratio Lower Upper
98 100
100 63.0 51.8 77.6



#52
Toluene
Concen: 179.565 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY005060.D
Acq: 09 Jun 2021 20:33

Tgt Ion: 92 Resp: 1007233
Ion Ratio Lower Upper
92 100
91 174.0 139.3 208.9



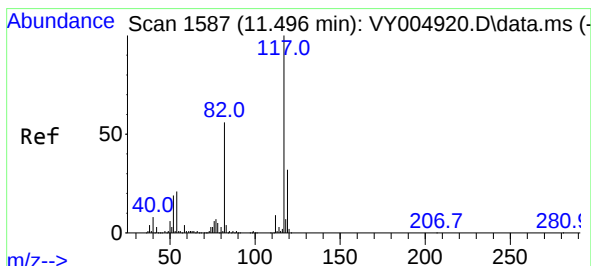
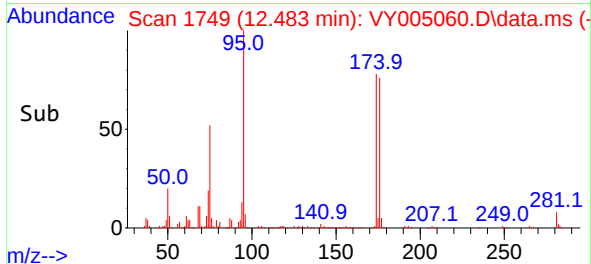
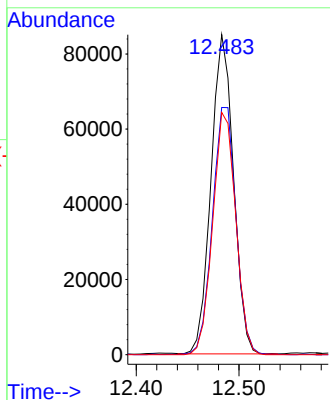
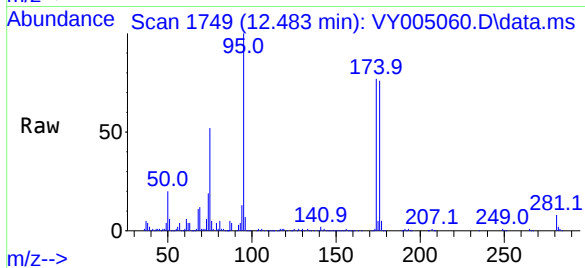


#62
4-Bromofluorobenzene
Concen: 50.643 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005060.D
Acq: 09 Jun 2021 20:33

Instrument :
MSVOA_Y
ClientSampleId :
23892

Tgt Ion: 95 Resp: 128833

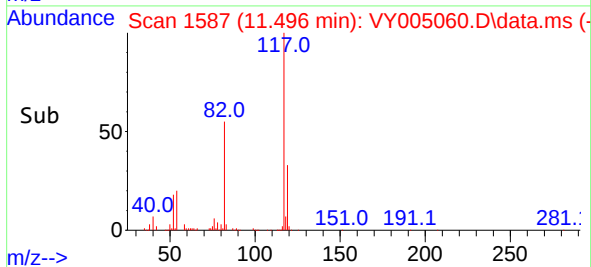
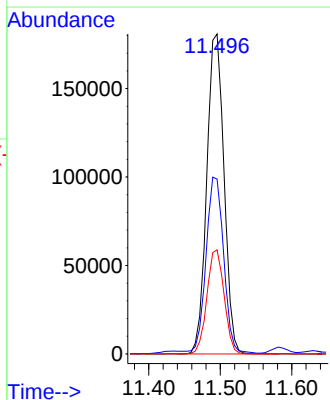
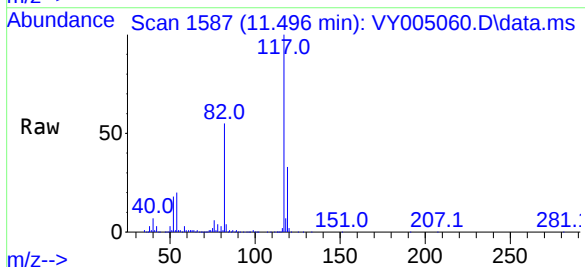
Ion	Ratio	Lower	Upper
95	100		
174	81.3	0.0	160.8
176	77.8	0.0	155.6

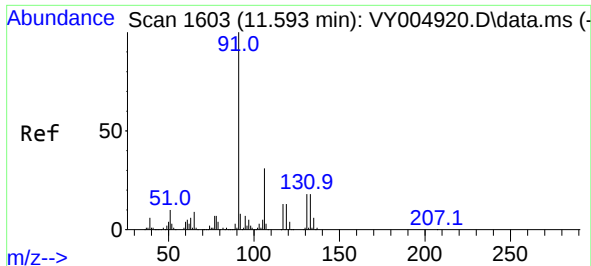


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005060.D
Acq: 09 Jun 2021 20:33

Tgt Ion: 117 Resp: 302806

Ion	Ratio	Lower	Upper
117	100		
82	53.8	44.8	67.2
119	32.6	25.2	37.8

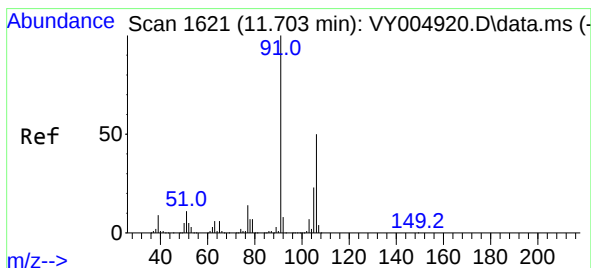
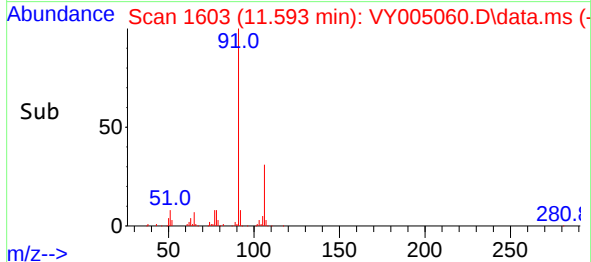
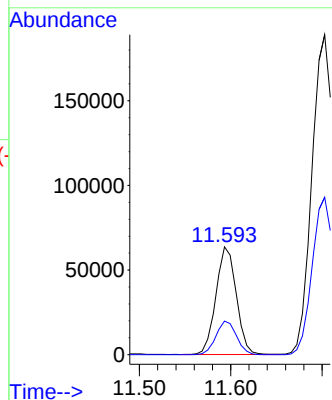
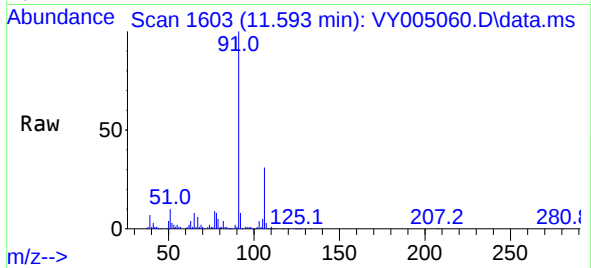




#67
Ethyl Benzene
Concen: 8.880 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY005060.D
Acq: 09 Jun 2021 20:33

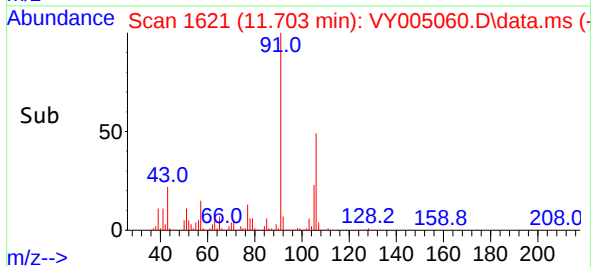
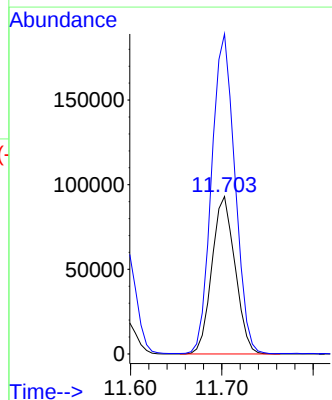
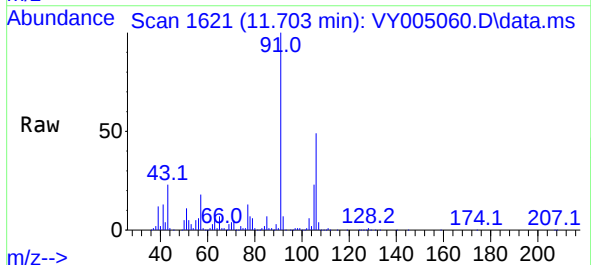
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ClientSampled :
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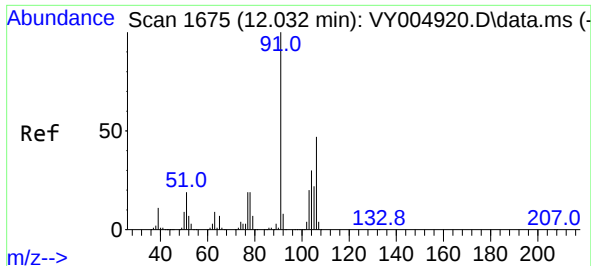
Tgt Ion: 91 Resp: 98453
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8



#68
m/p-Xylenes
Concen: 39.465 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY005060.D
Acq: 09 Jun 2021 20:33

Tgt Ion:106 Resp: 163944
Ion Ratio Lower Upper
106 100
91 204.3 161.9 242.9

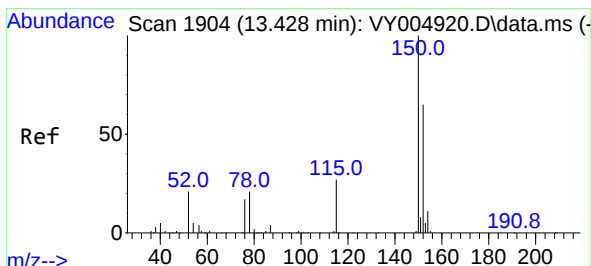
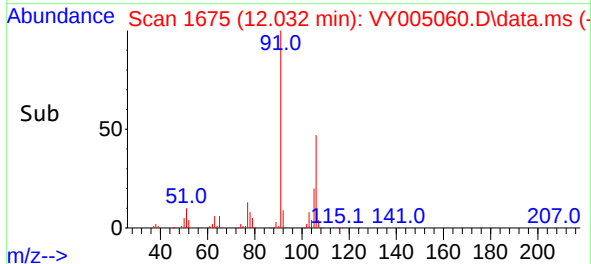
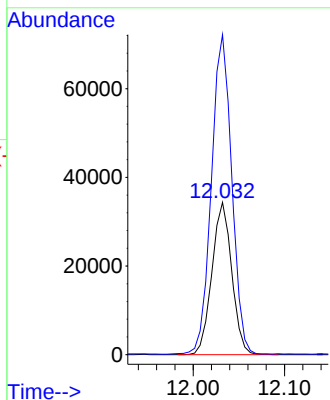
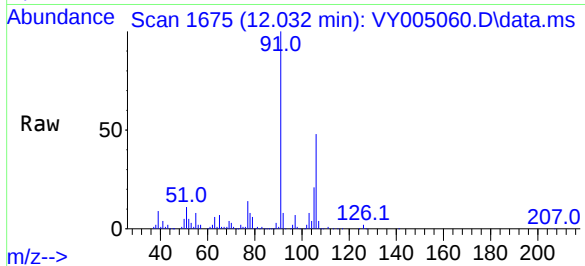




#69
o-Xylene
Concen: 13.362 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY005060.D
Acq: 09 Jun 2021 20:33

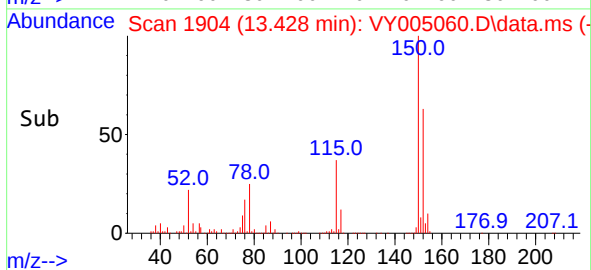
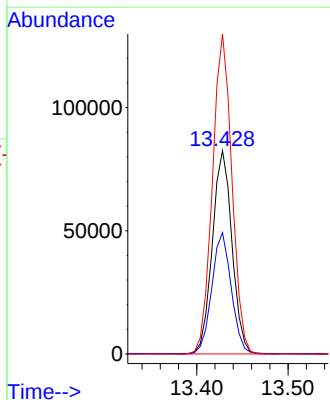
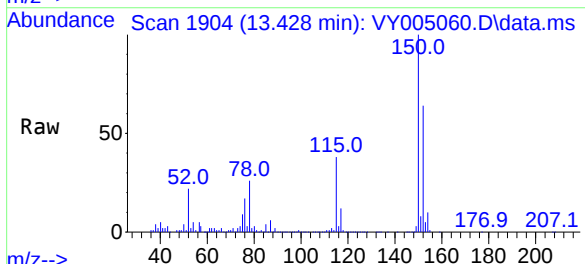
Instrument :
MSVOA_Y
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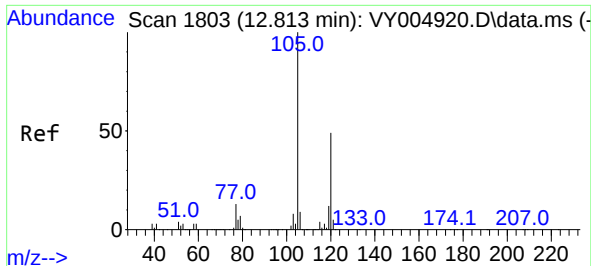
Tgt Ion:106 Resp: 51692
Ion Ratio Lower Upper
106 100
91 215.6 108.0 324.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005060.D
Acq: 09 Jun 2021 20:33

Tgt Ion:152 Resp: 123457
Ion Ratio Lower Upper
152 100
115 59.2 29.9 89.7
150 156.0 0.0 347.8

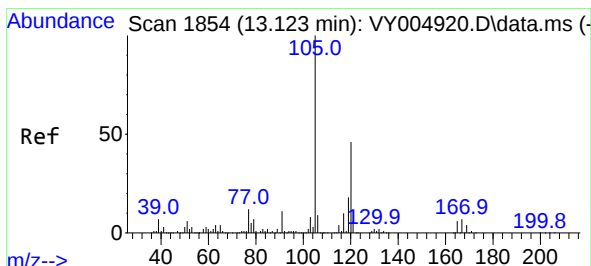
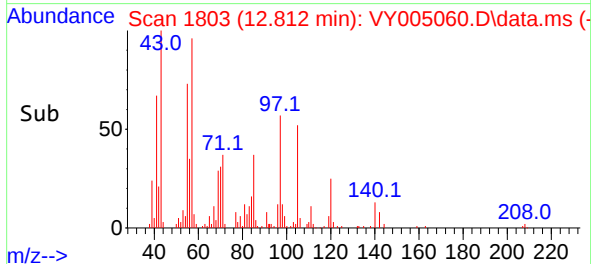
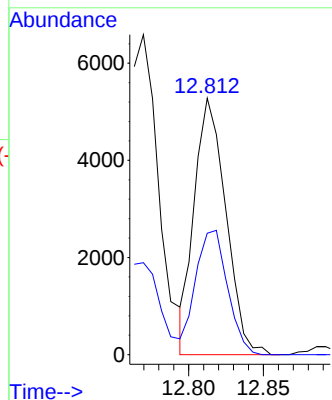
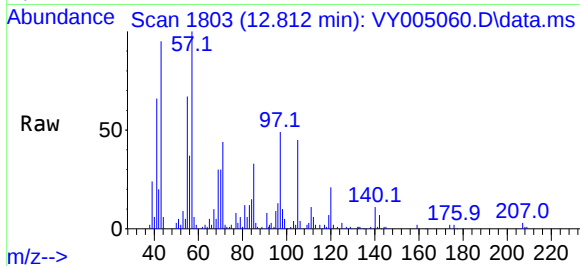




#80
1,3,5-Trimethylbenzene
Concen: 1.004 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY005060.D
Acq: 09 Jun 2021 20:33

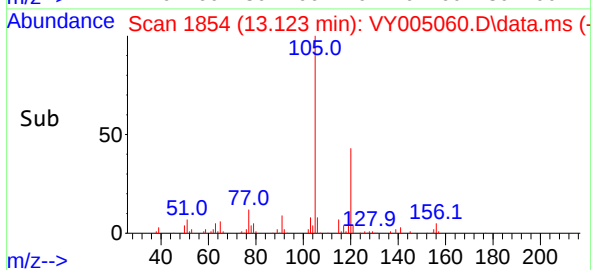
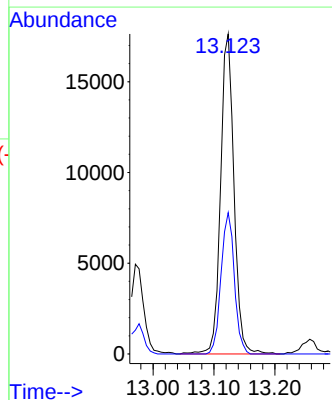
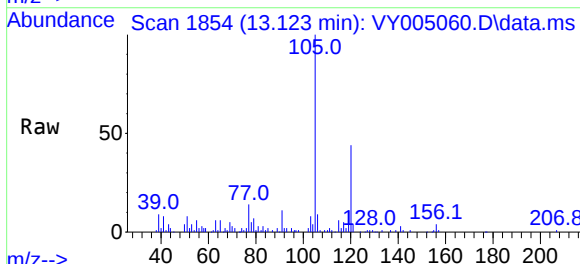
Instrument :
MSVOA_Y
ClientSampled :
23892

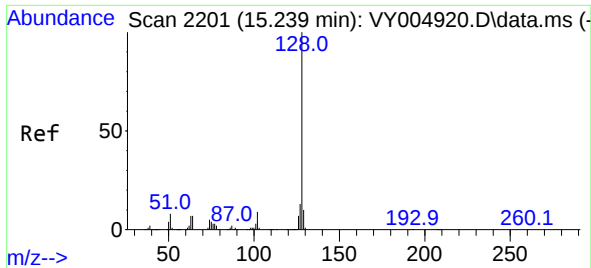
Tgt Ion:105 Resp: 7727
Ion Ratio Lower Upper
105 100
120 49.2 24.5 73.5



#84
1,2,4-Trimethylbenzene
Concen: 3.535 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY005060.D
Acq: 09 Jun 2021 20:33

Tgt Ion:105 Resp: 27027
Ion Ratio Lower Upper
105 100
120 43.7 22.6 67.7





#95
Naphthalene
Concen: 3.052 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY005060.D
Acq: 09 Jun 2021 20:33

Instrument :
MSVOA_Y
ClientSampleId :
23892

Tgt Ion:128 Resp: 14770
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.2
129 11.7 8.7 13.1

