

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033021\
 Data File : VY004232.D
 Acq On : 30 Mar 2021 14:56
 Operator : SY/MD
 Sample : IBLK
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 IBLK

Quant Time: Mar 31 01:45:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

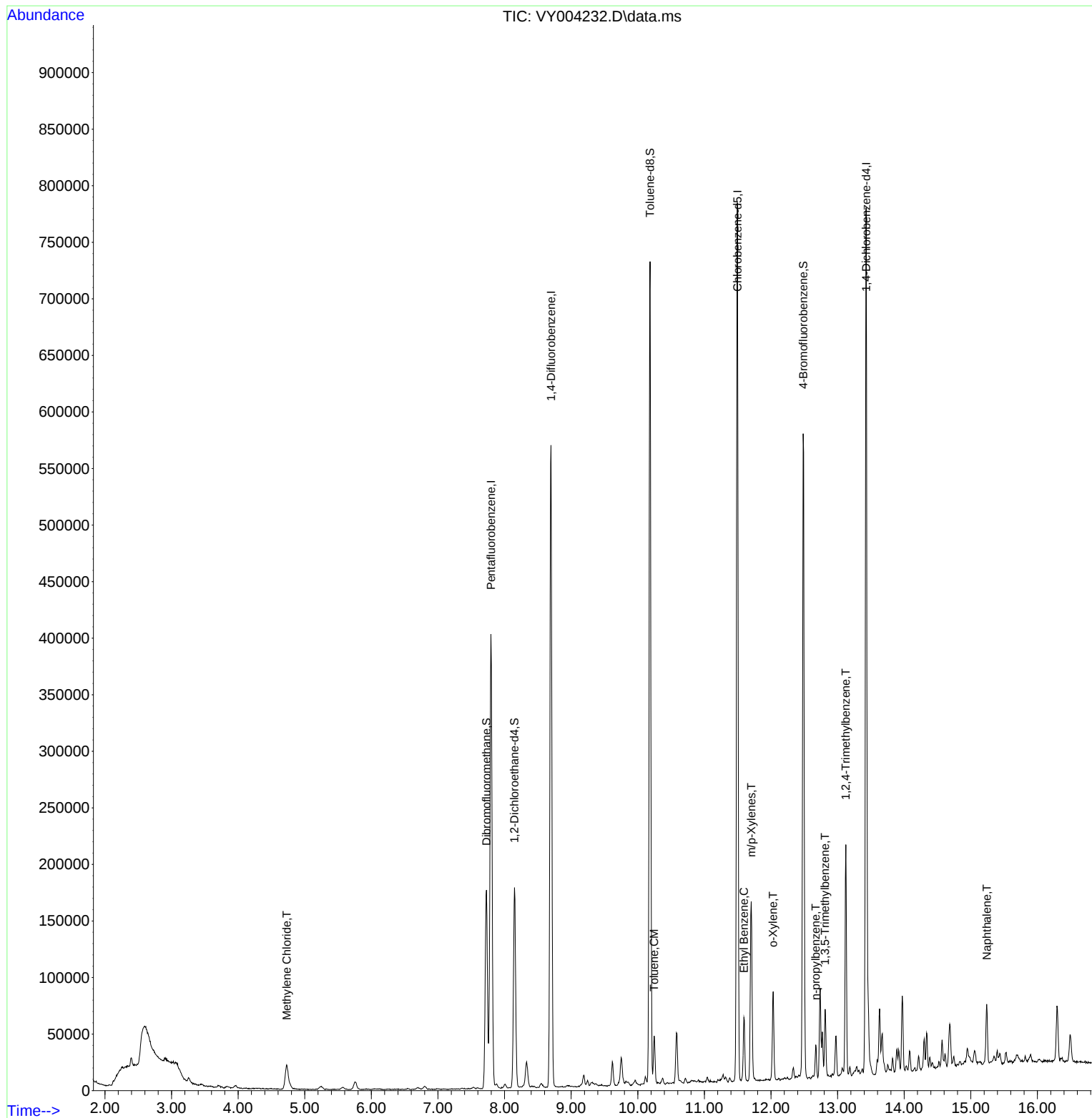
Internal Standards						
1) Pentafluorobenzene	7.795	168	312539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	485109	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	410860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	189159	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	133904	44.57	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.14%
35) Dibromofluoromethane	7.728	113	123320	45.62	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.24%
50) Toluene-d8	10.185	98	471098	46.34	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.68%
62) 4-Bromofluorobenzene	12.483	95	159848	45.88	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.76%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.729	84	14732	2.40	ug/l	94
52) Toluene	10.246	92	17361	2.15	ug/l	99
67) Ethyl Benzene	11.593	91	38585	2.59	ug/l	100
68) m/p-Xylenes	11.703	106	48428	8.48	ug/l	99
69) o-Xylene	12.032	106	20150	3.77	ug/l	97
78) n-propylbenzene	12.672	91	20257	1.27	ug/l	95
80) 1,3,5-Trimethylbenzene	12.813	105	27007	2.40	ug/l	99
84) 1,2,4-Trimethylbenzene	13.124	105	105803	9.36	ug/l	99
95) Naphthalene	15.239	128	41211	5.04	ug/l	96

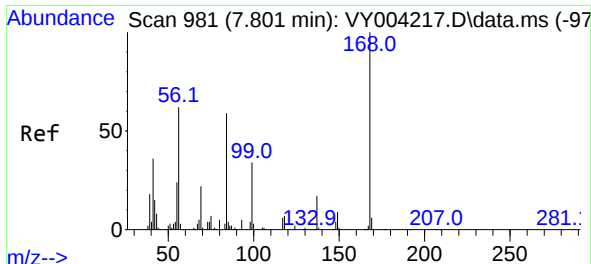
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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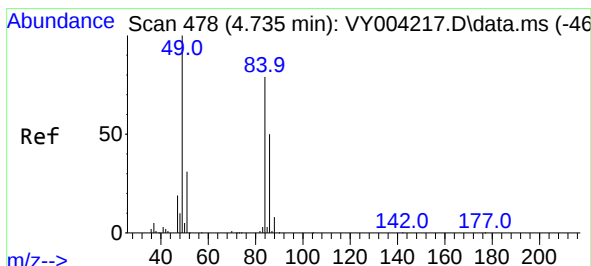
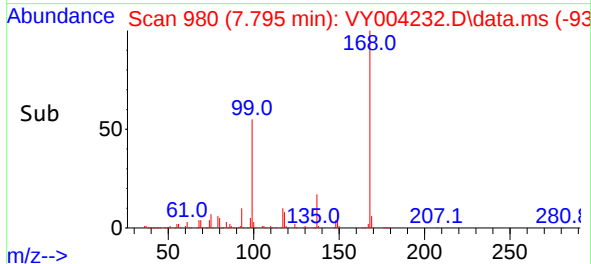
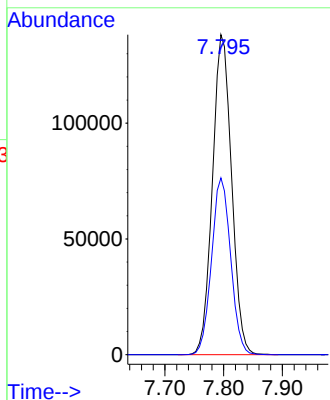
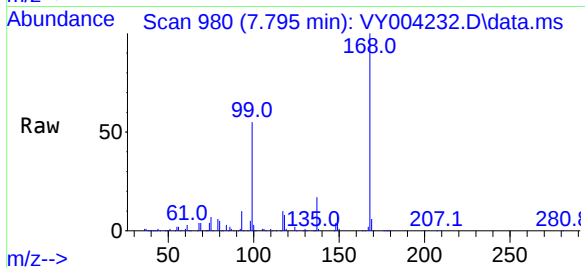




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

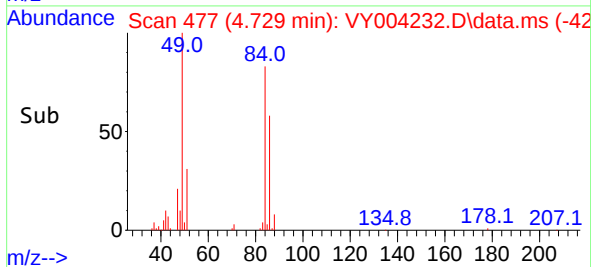
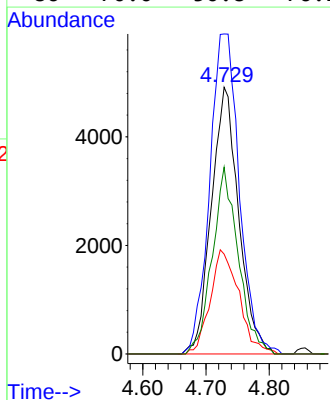
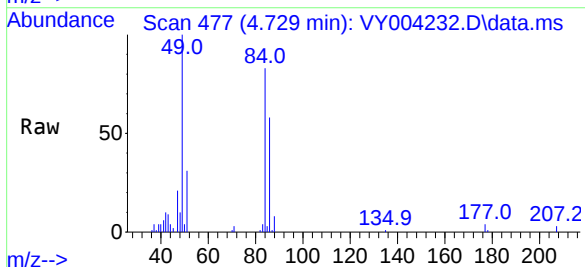
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

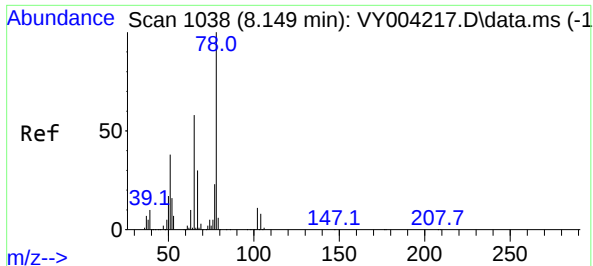
Tgt Ion:168 Resp: 312539
Ion Ratio Lower Upper
168 100
99 55.3 42.6 64.0



#20
Methylene Chloride
Concen: 2.40 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

Tgt Ion: 84 Resp: 14732
Ion Ratio Lower Upper
84 100
49 120.0 101.5 152.3
51 37.4 31.5 47.3
86 70.0 50.8 76.2

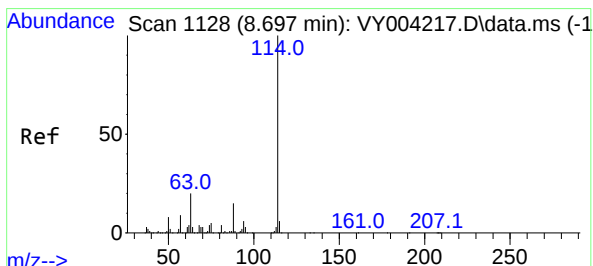
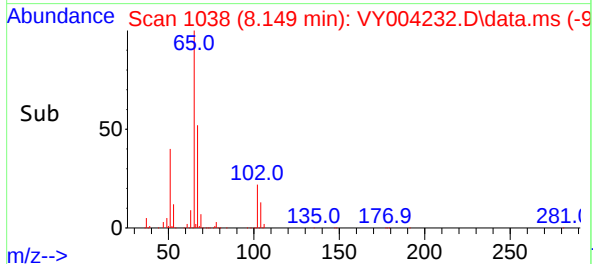
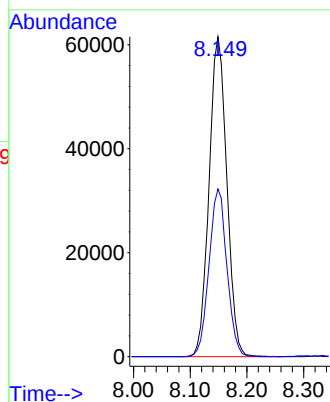
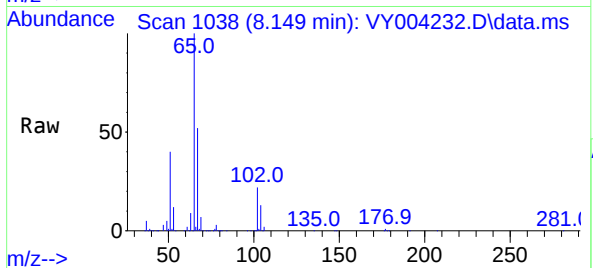




#33
1,2-Dichloroethane-d4
Concen: 44.57 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

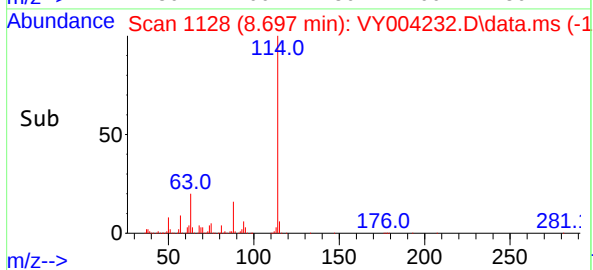
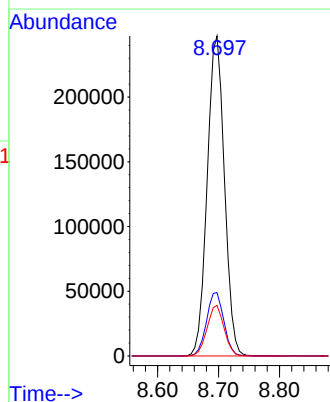
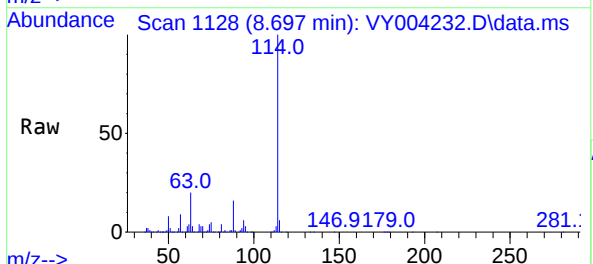
Instrument :
MSVOA_Y
ClientSampled :
IBLK

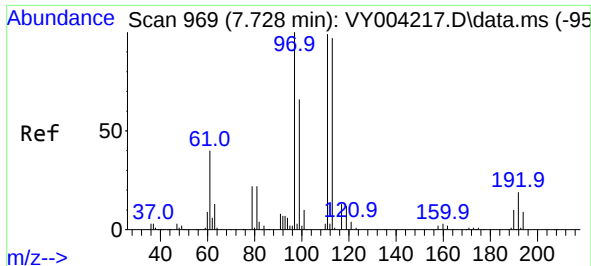
Tgt Ion: 65 Resp: 133904
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

Tgt Ion:114 Resp: 485109
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.4
88 15.8 0.0 30.8



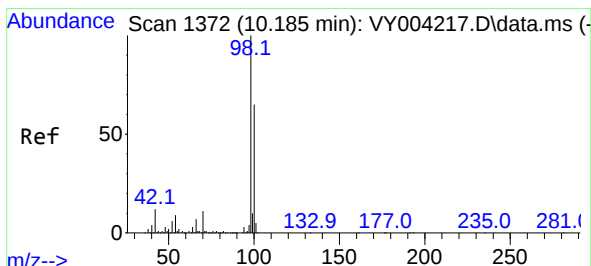
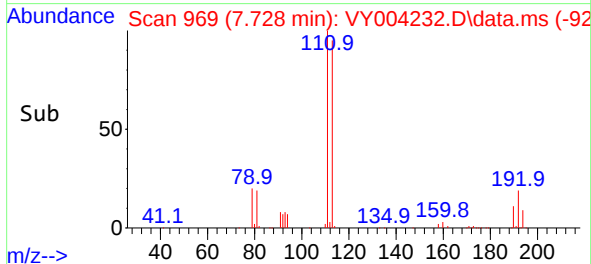
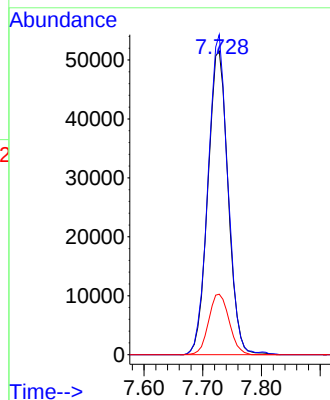
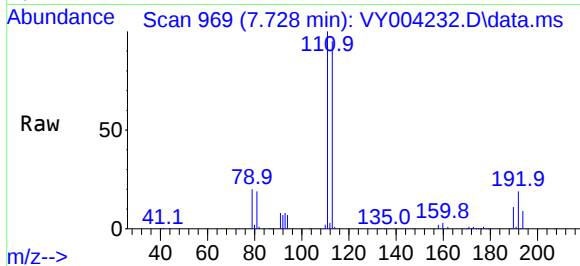


#35
Dibromofluoromethane
Concen: 45.62 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

Instrument :
MSVOA_Y
ClientSampled :
IBLK

Tgt Ion:113 Resp: 123320

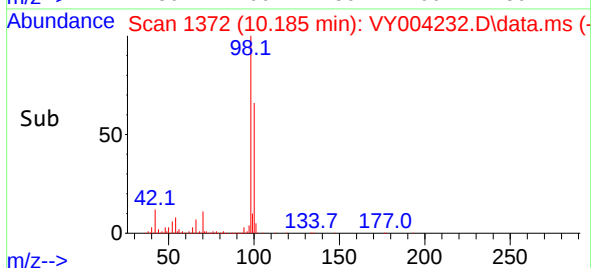
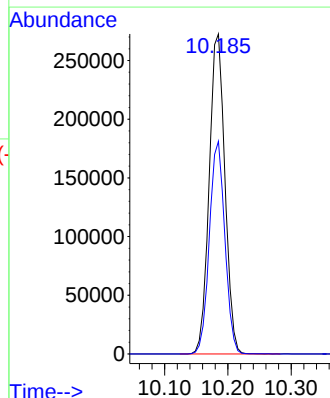
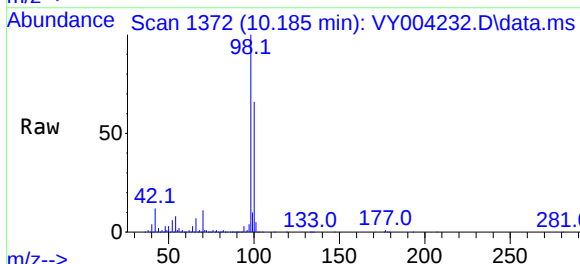
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	124.0
192	20.2	16.4	24.6

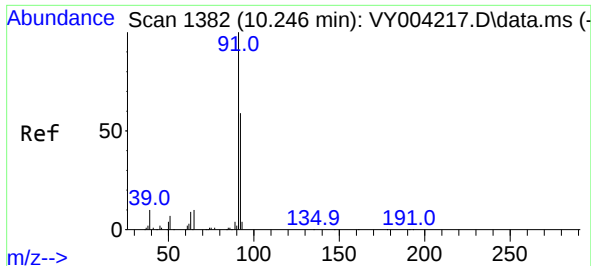


#50
Toluene-d8
Concen: 46.34 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

Tgt Ion: 98 Resp: 471098

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.5	78.7

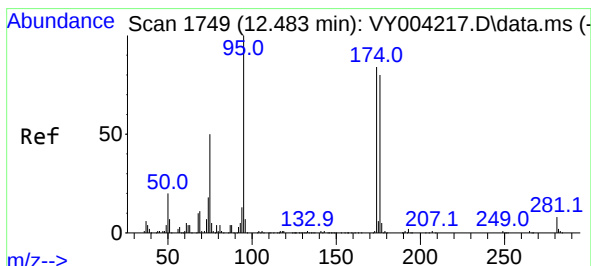
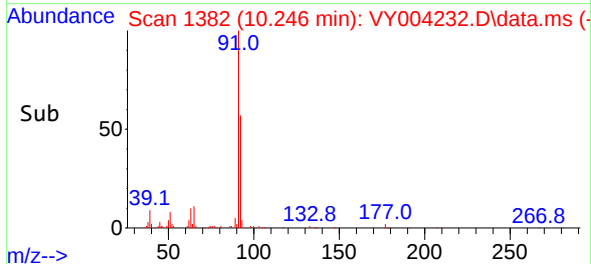
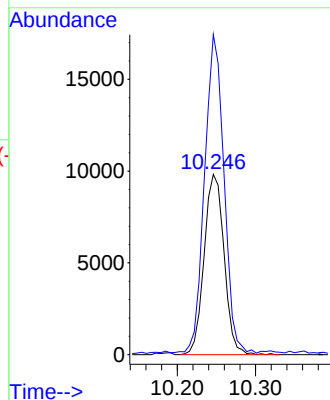
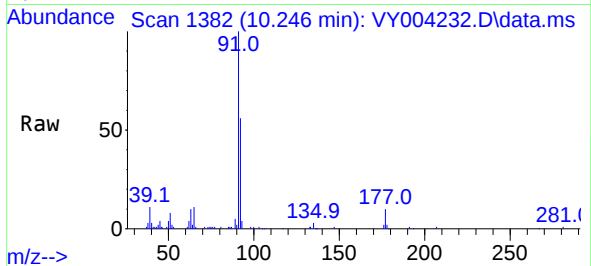




#52
Toluene
Concen: 2.15 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

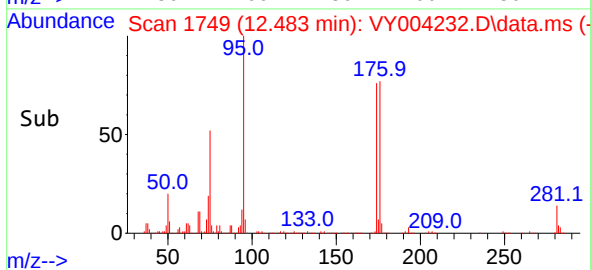
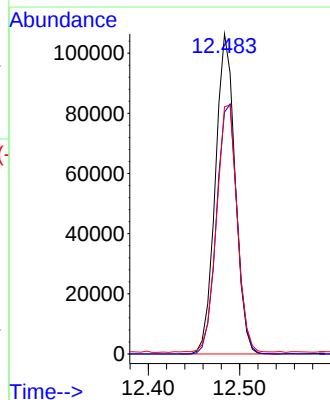
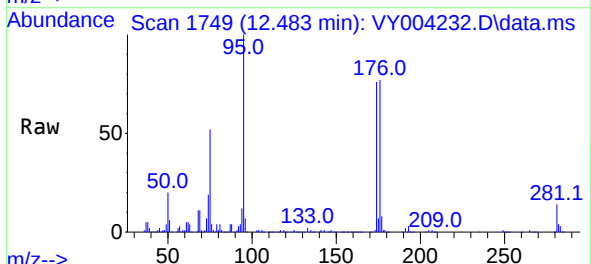
Instrument :
MSVOA_Y
ClientSampled :
IBLK

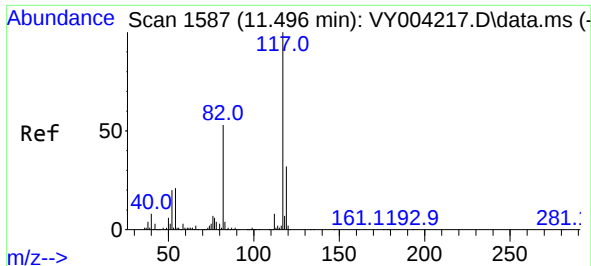
Tgt Ion: 92 Resp: 17361
Ion Ratio Lower Upper
92 100
91 171.5 136.0 204.0



#62
4-Bromofluorobenzene
Concen: 45.88 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

Tgt Ion: 95 Resp: 159848
Ion Ratio Lower Upper
95 100
174 81.4 0.0 171.4
176 80.9 0.0 165.6

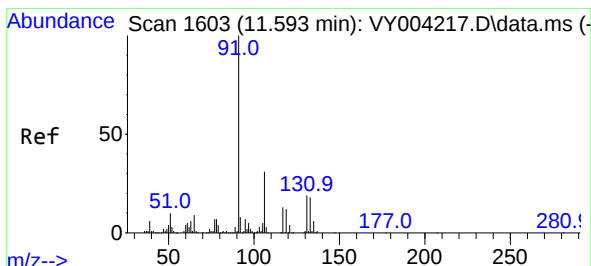
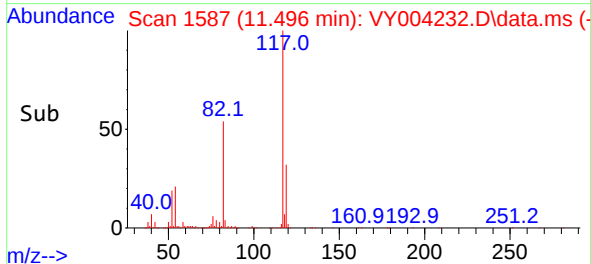
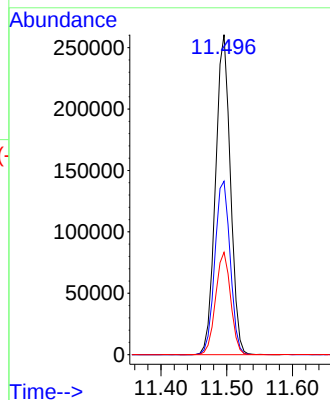
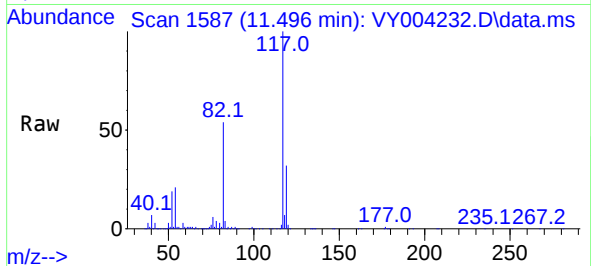




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

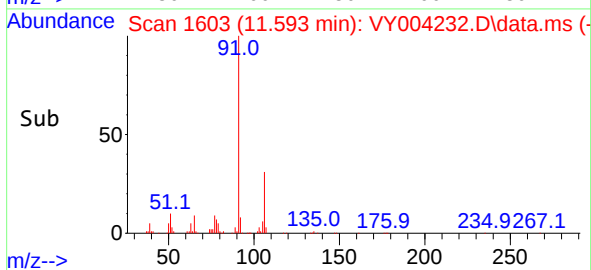
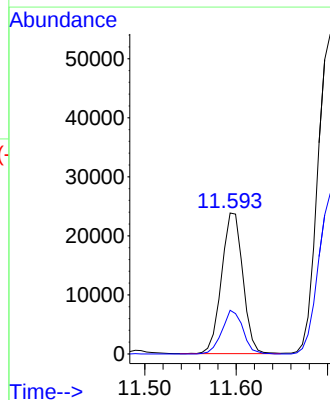
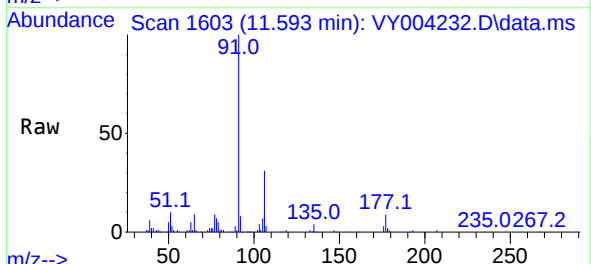
Instrument :
MSVOA_Y
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IBLK

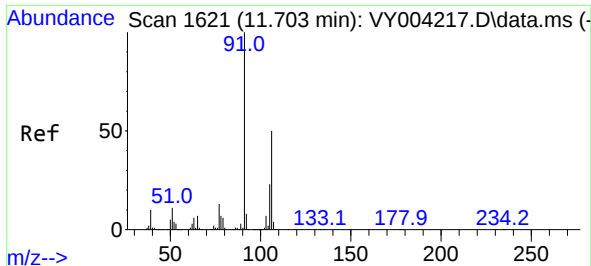
Tgt Ion:	117	Resp:	410860
Ion	Ratio	Lower	Upper
117	100		
82	54.2	42.7	64.1
119	32.0	25.7	38.5



#67
Ethyl Benzene
Concen: 2.59 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

Tgt Ion:	91	Resp:	38585
Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.0	37.6

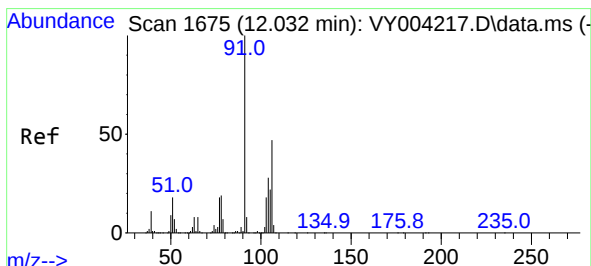
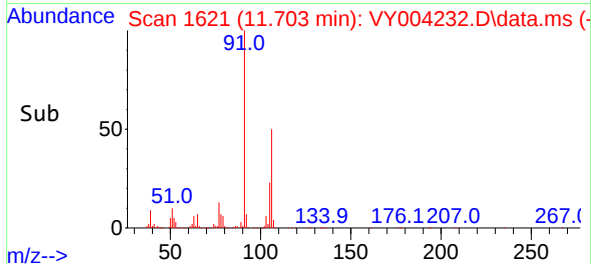
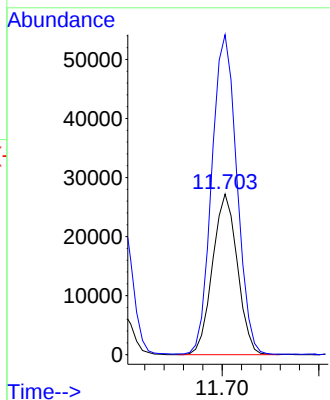
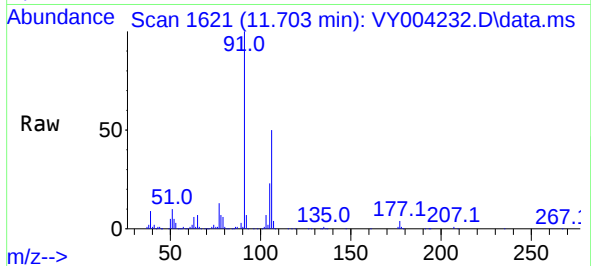




#68
m/p-Xylenes
Concen: 8.48 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

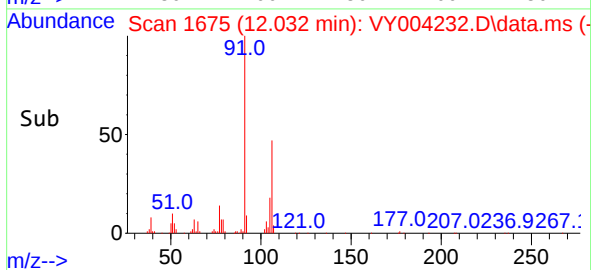
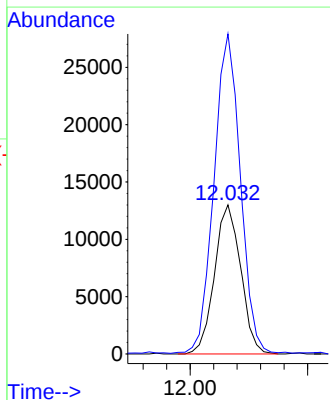
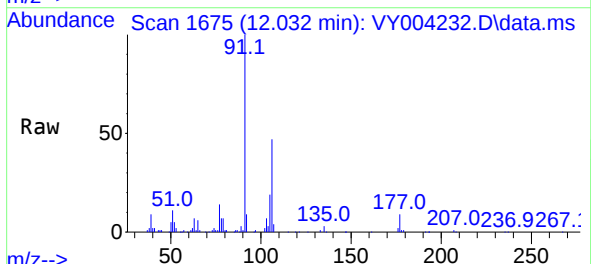
Instrument :
MSVOA_Y
ClientSampleId :
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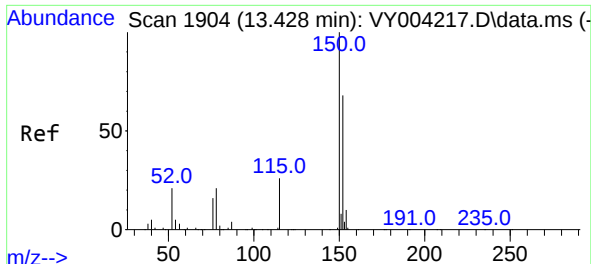
Tgt Ion:106 Resp: 48428
Ion Ratio Lower Upper
106 100
91 200.9 159.8 239.6



#69
o-Xylene
Concen: 3.77 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

Tgt Ion:106 Resp: 20150
Ion Ratio Lower Upper
106 100
91 215.2 105.6 316.8

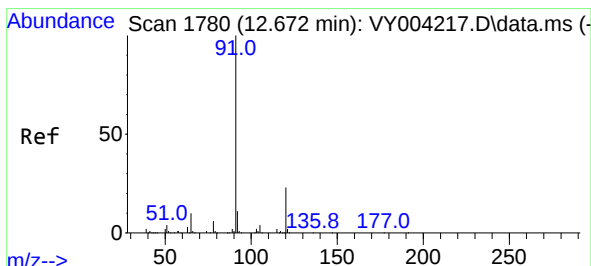
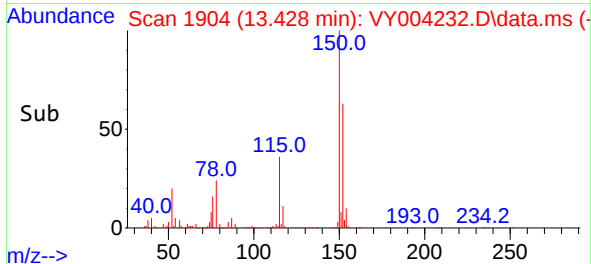
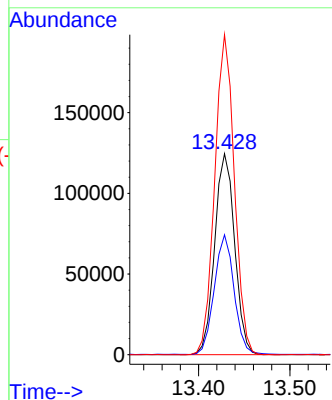
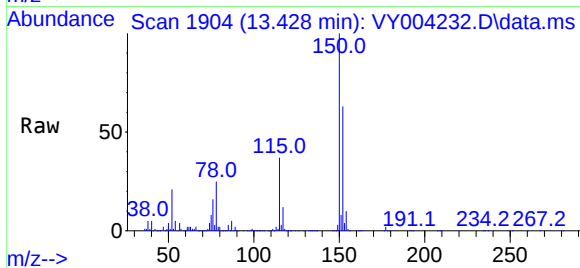




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

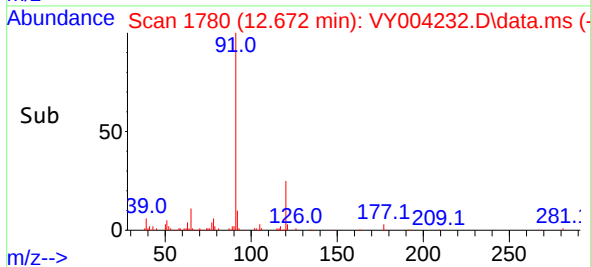
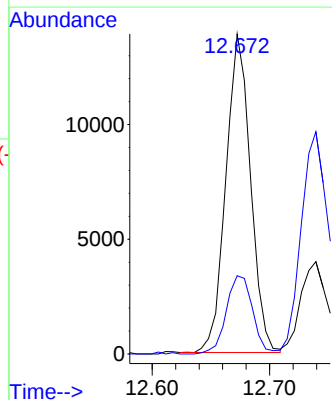
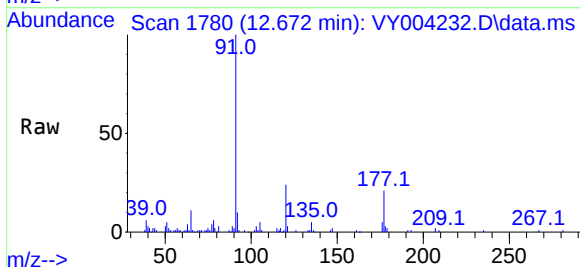
Instrument :
MSVOA_Y
ClientSampleId :
IBLK

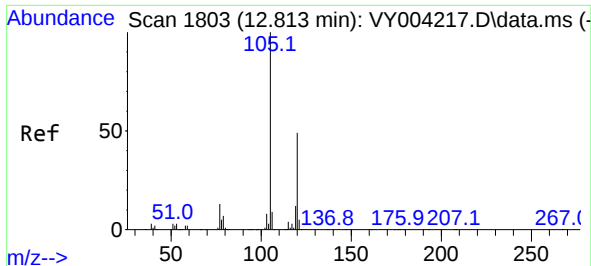
Tgt Ion:152 Resp: 189159
Ion Ratio Lower Upper
152 100
115 59.0 29.0 87.1
150 156.7 0.0 347.4



#78
n-propylbenzene
Concen: 1.27 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

Tgt Ion: 91 Resp: 20257
Ion Ratio Lower Upper
91 100
120 26.1 11.9 35.5

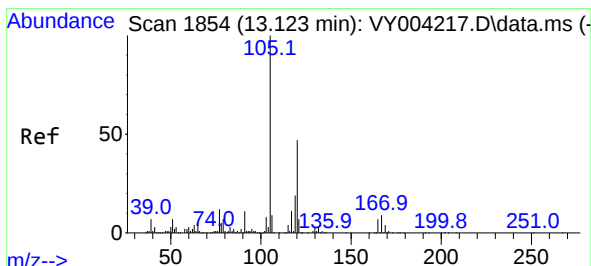
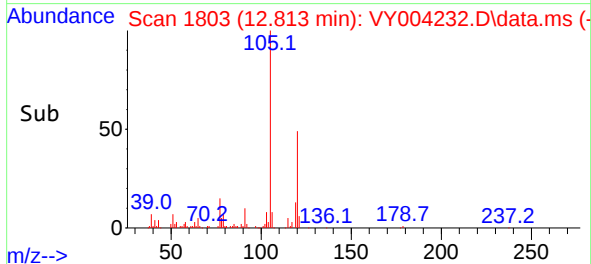
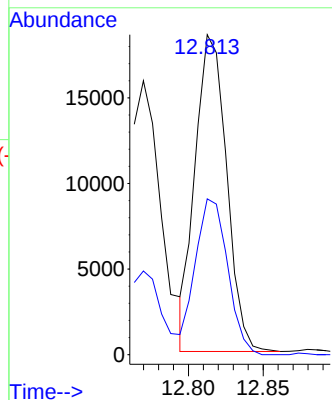
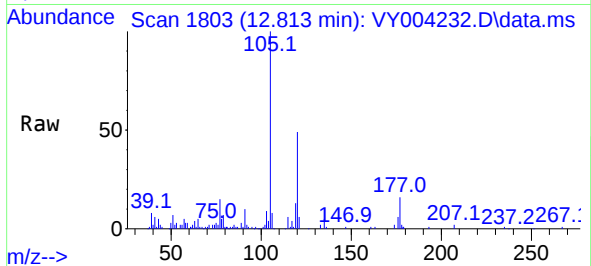




#80
1,3,5-Trimethylbenzene
Concen: 2.40 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

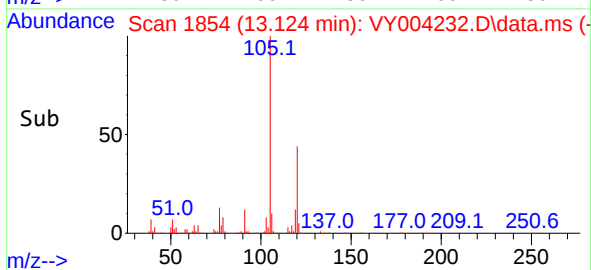
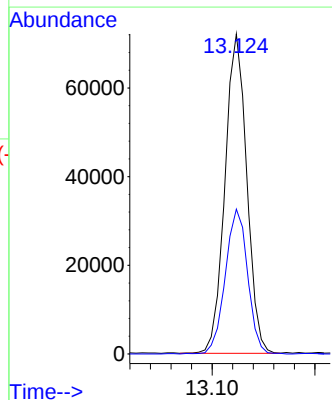
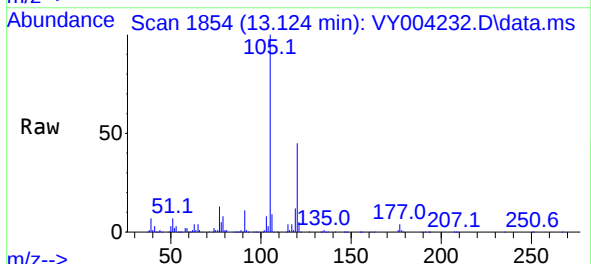
Instrument :
MSVOA_Y
ClientSampled :
IBLK

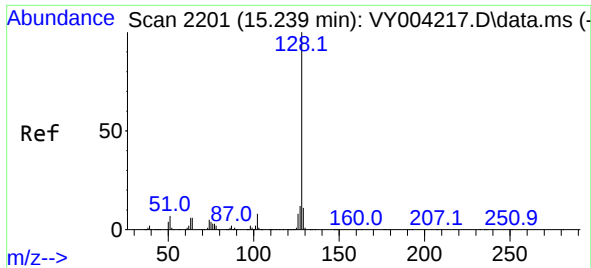
Tgt Ion:105 Resp: 27007
Ion Ratio Lower Upper
105 100
120 50.5 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 9.36 ug/l
RT: 13.124 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

Tgt Ion:105 Resp: 105803
Ion Ratio Lower Upper
105 100
120 46.5 22.9 68.7





#95
Naphthalene
Concen: 5.04 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004232.D
Acq: 30 Mar 2021 14:56

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

Tgt Ion:	128	Resp:	41211
Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.1	15.1
129	12.5	8.9	13.3

