

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
 Data File : VY004938.D
 Acq On : 03 Jun 2021 15:49
 Operator : SY/MD
 Sample : M2589-08
 Misc : 6.27G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B9(2-4)

Quant Time: Jun 04 01:16:57 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	7.801	168	200706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	384962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	374090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143270	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	141254	66.572	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.140%
35) Dibromofluoromethane	7.728	113	110012	53.117	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.240%
50) Toluene-d8	10.185	98	454245	52.808	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.620%
62) 4-Bromofluorobenzene	12.483	95	160781	54.349	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.700%

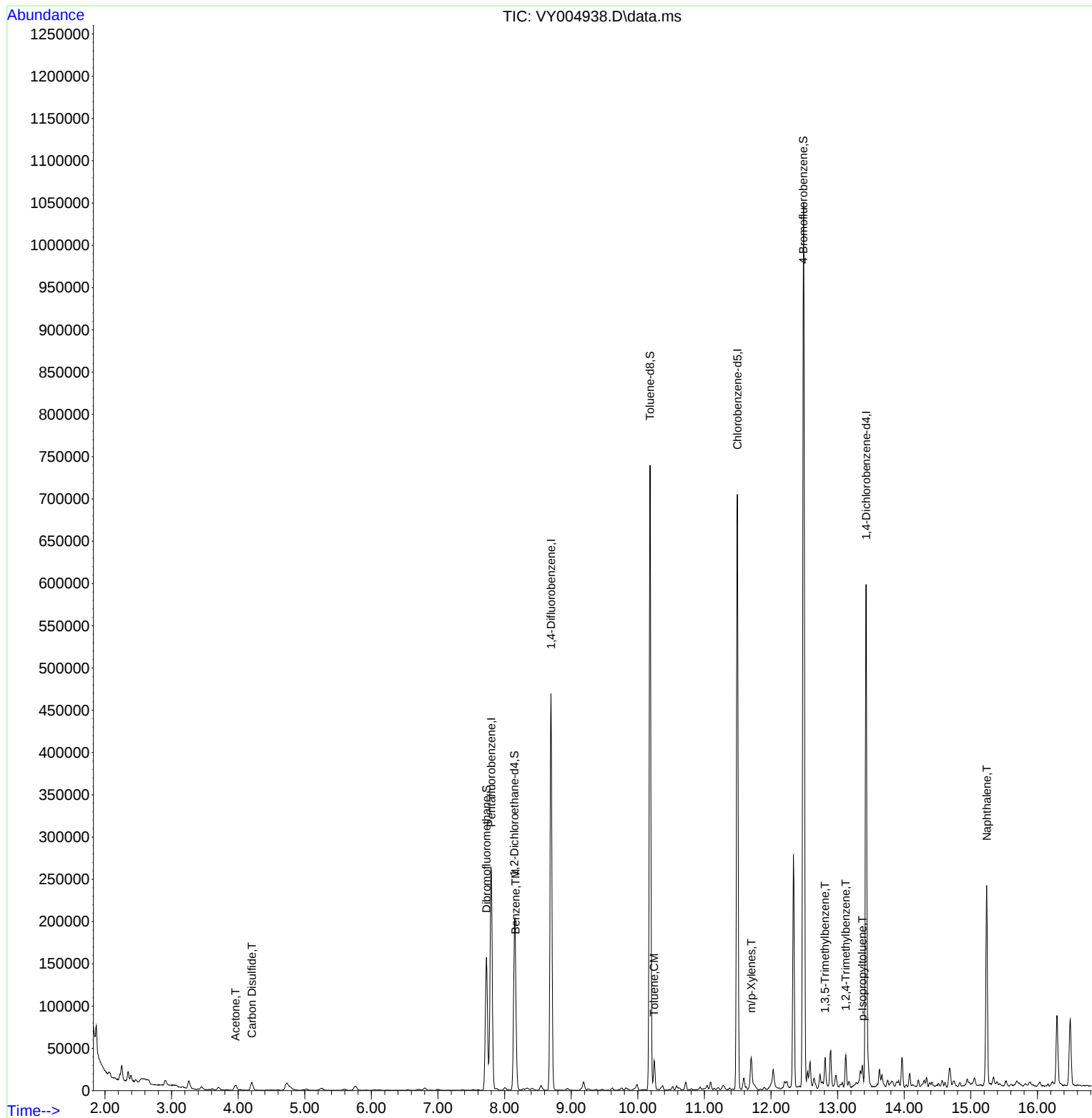
Target Compounds					Qvalue	
16) Acetone	3.960	43	10618	20.788	ug/l	# 89
17) Carbon Disulfide	4.204	76	17830	2.811	ug/l	99
40) Benzene	8.167	78	37976	3.523	ug/l	100
52) Toluene	10.246	92	13746	2.107	ug/l	98
68) m/p-Xylenes	11.703	106	10132	1.974	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	12385	1.387	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	20003	2.254	ug/l	99
86) p-Isopropyltoluene	13.373	119	12853	1.363	ug/l	# 81
95) Naphthalene	15.239	128	189987	33.834	ug/l	100

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

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Instrument :
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ClientSampleId :
18-B9(2-4)

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 03 04:43:33 2021
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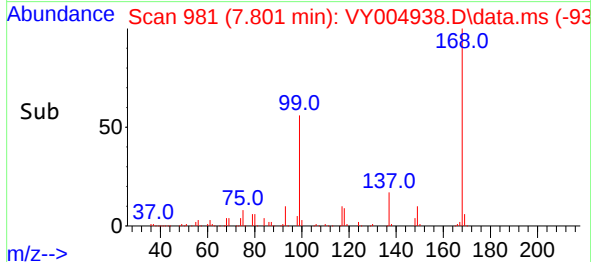
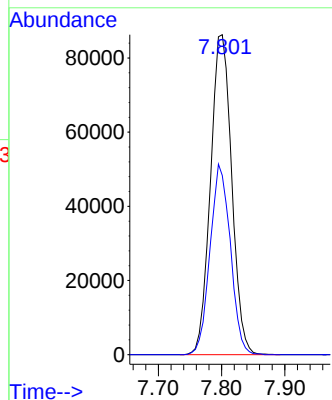
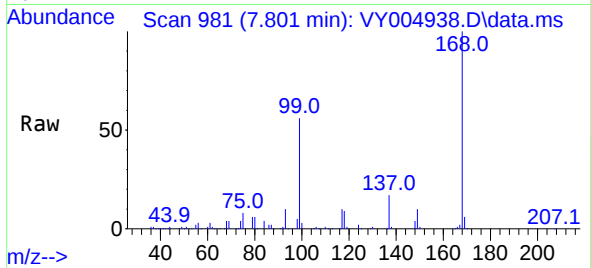




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004938.D
Acq: 03 Jun 2021 15:49

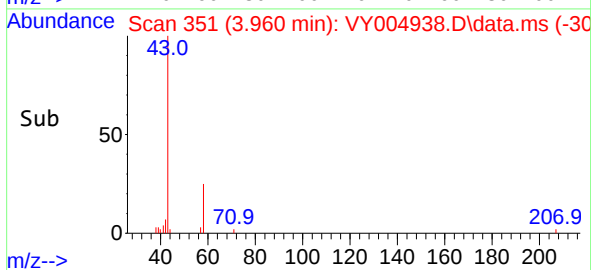
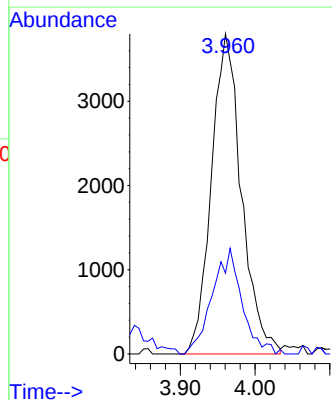
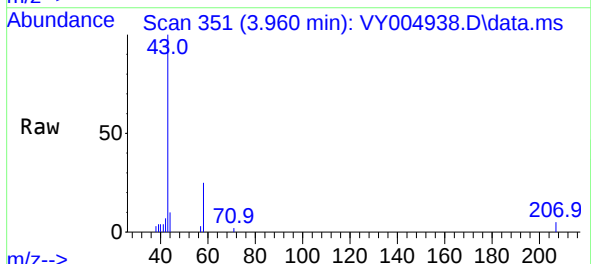
Instrument :
MSVOA_Y
ClientSampleId :
18-B9(2-4)

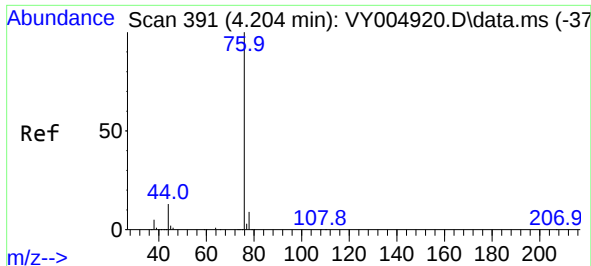
Tgt Ion:168 Resp: 200706
Ion Ratio Lower Upper
168 100
99 56.0 43.9 65.9



#16
Acetone
Concen: 20.788 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004938.D
Acq: 03 Jun 2021 15:49

Tgt Ion: 43 Resp: 10618
Ion Ratio Lower Upper
43 100
58 25.2 25.3 37.9#

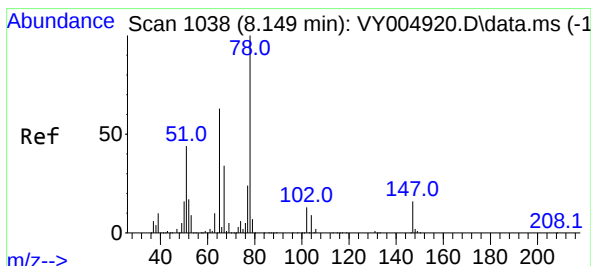
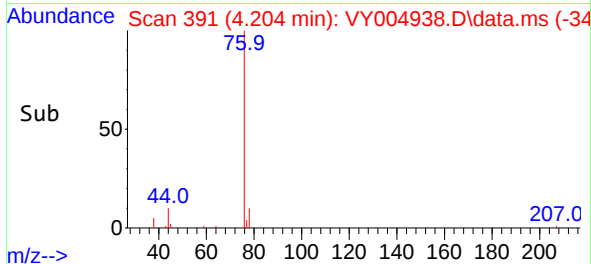
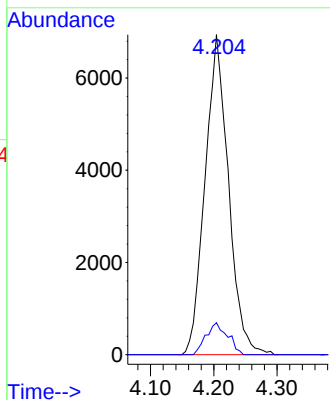
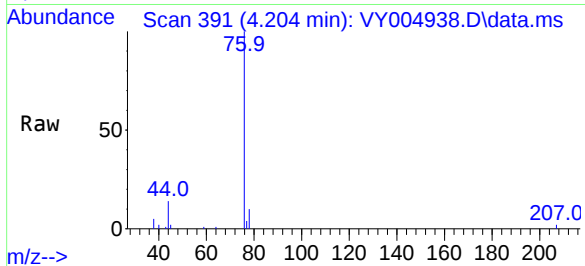




#17
Carbon Disulfide
Concen: 2.811 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY004938.D
Acq: 03 Jun 2021 15:49

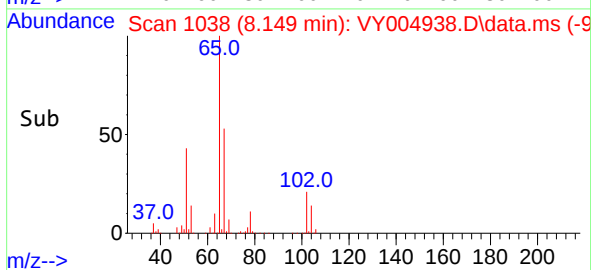
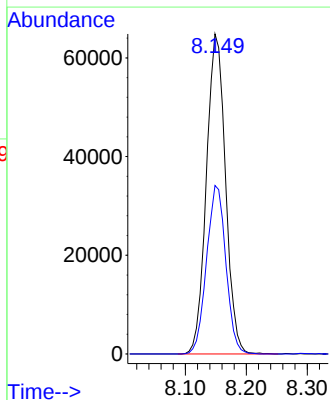
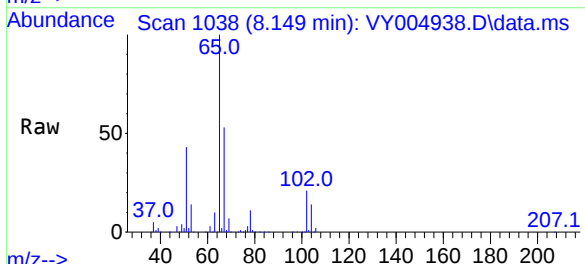
Instrument :
MSVOA_Y
ClientSampleId :
18-B9(2-4)

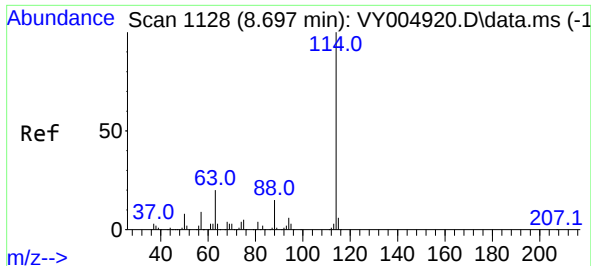
Tgt Ion: 76 Resp: 17830
Ion Ratio Lower Upper
76 100
78 10.0 7.6 11.4



#33
1,2-Dichloroethane-d4
Concen: 66.572 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004938.D
Acq: 03 Jun 2021 15:49

Tgt Ion: 65 Resp: 141254
Ion Ratio Lower Upper
65 100
67 53.1 0.0 110.6

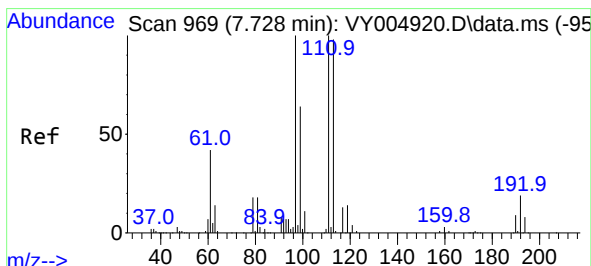
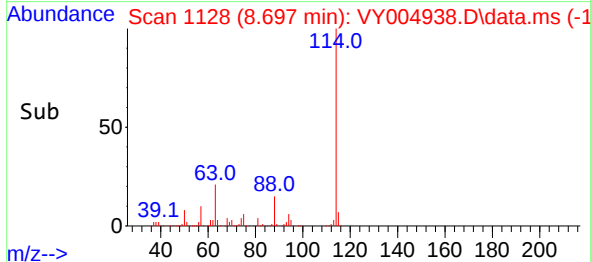
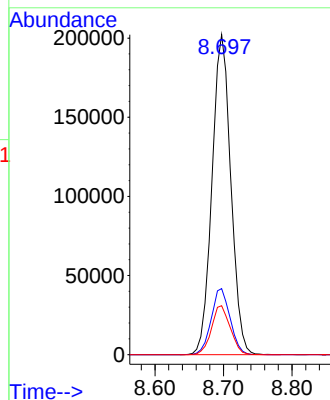
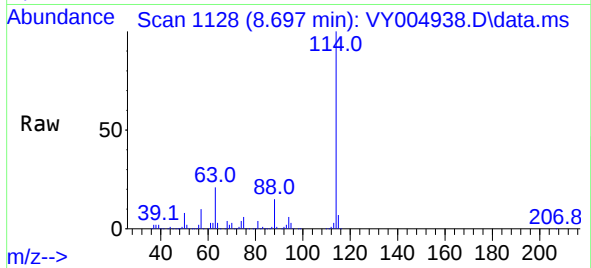




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004938.D
Acq: 03 Jun 2021 15:49

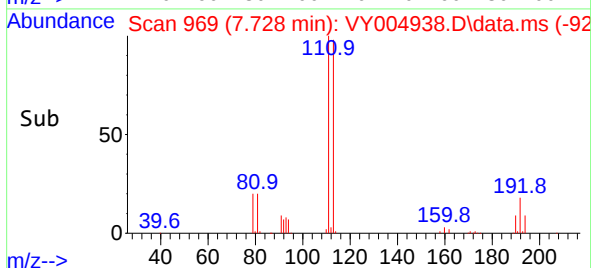
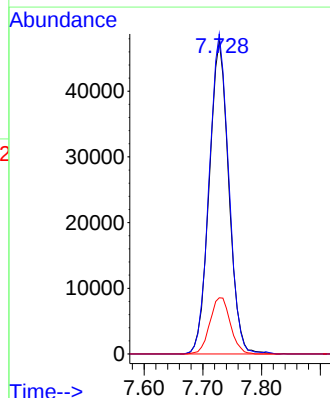
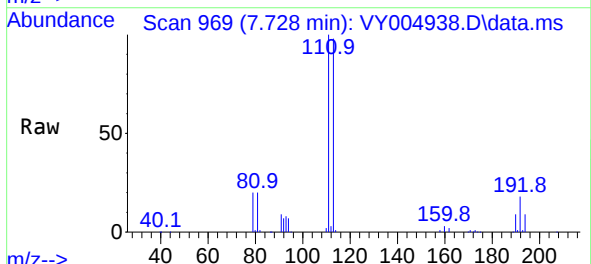
Instrument :
MSVOA_Y
ClientSampleId :
18-B9(2-4)

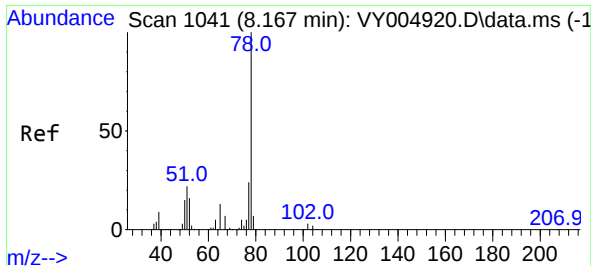
Tgt Ion:	114	Resp:	384962
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	41.0
88	15.3	0.0	30.6



#35
Dibromofluoromethane
Concen: 53.117 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004938.D
Acq: 03 Jun 2021 15:49

Tgt Ion:	113	Resp:	110012
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.8
192	18.8	15.3	22.9

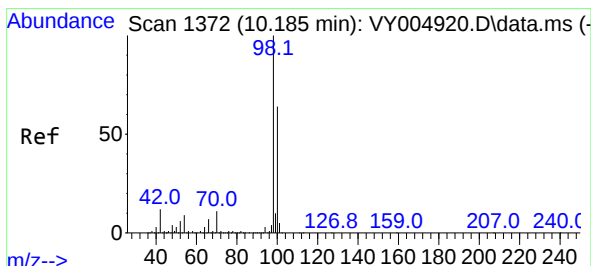
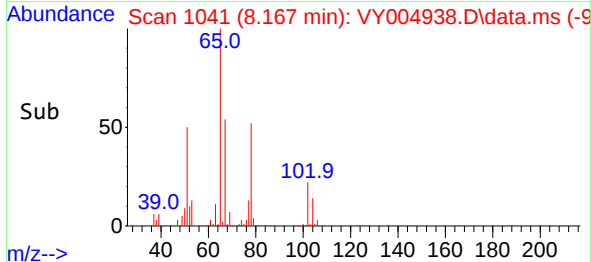
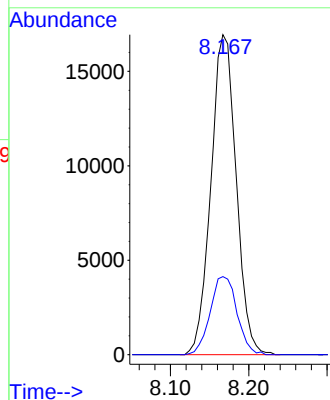
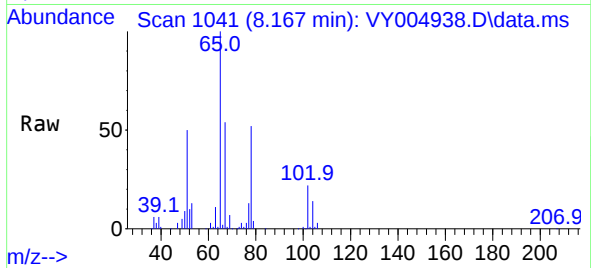




#40
Benzene
Concen: 3.523 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY004938.D
Acq: 03 Jun 2021 15:49

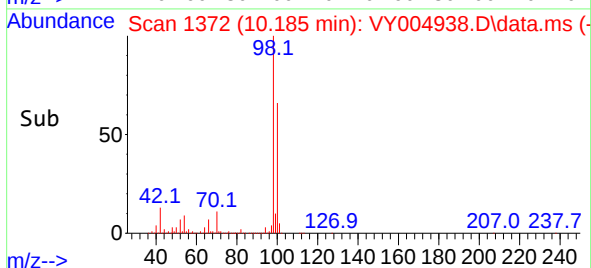
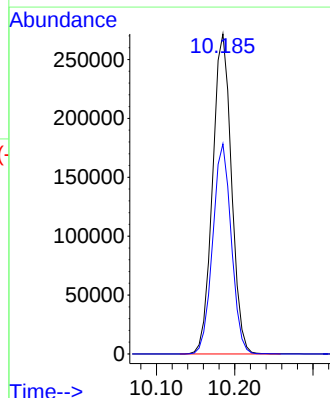
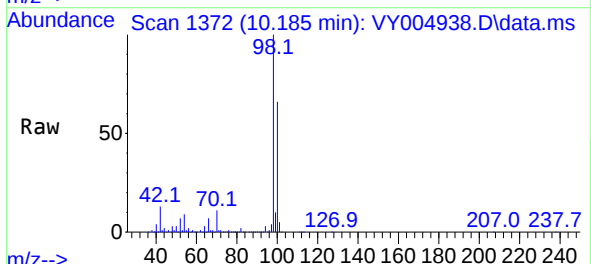
Instrument :
MSVOA_Y
ClientSampled :
18-B9(2-4)

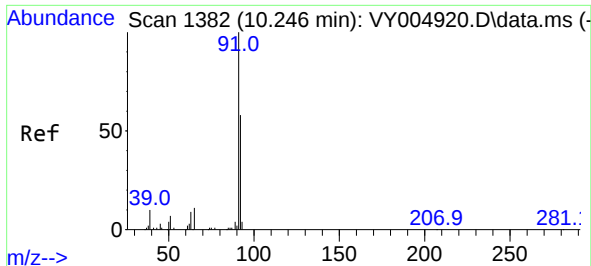
Tgt Ion: 78 Resp: 37976
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.2



#50
Toluene-d8
Concen: 52.808 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004938.D
Acq: 03 Jun 2021 15:49

Tgt Ion: 98 Resp: 454245
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6

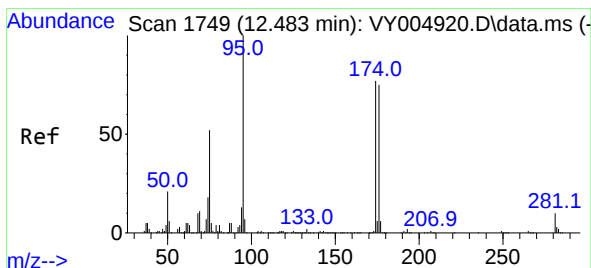
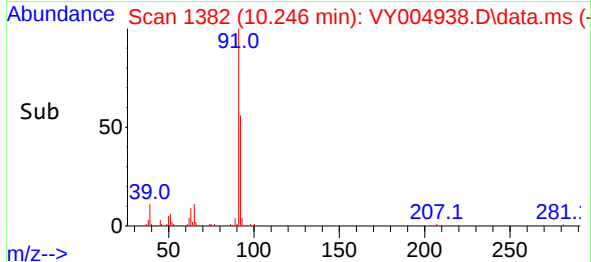
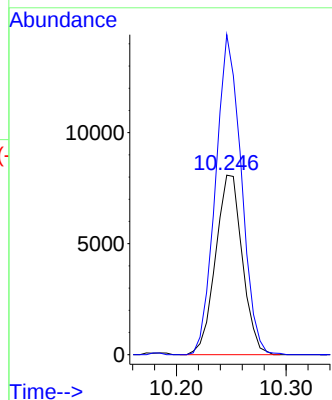
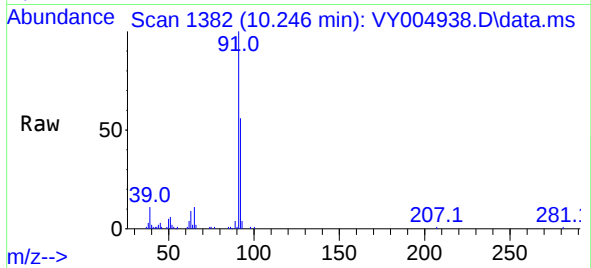




#52
Toluene
Concen: 2.107 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY004938.D
Acq: 03 Jun 2021 15:49

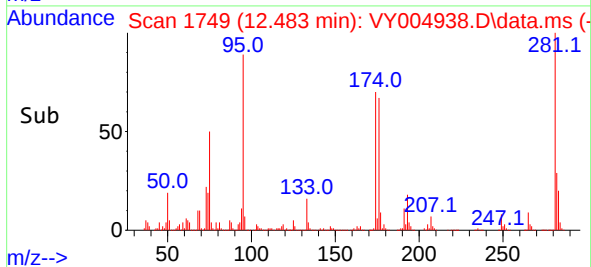
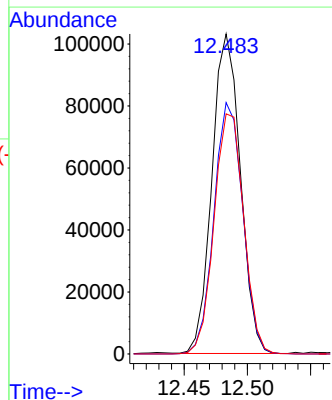
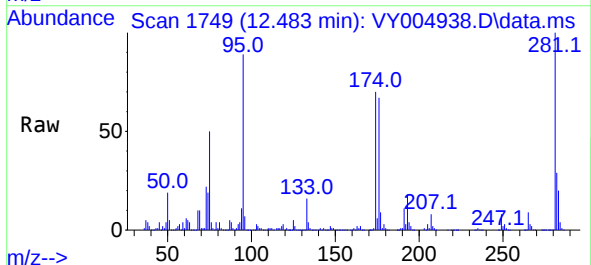
Instrument :
MSVOA_Y
ClientSampleId :
18-B9(2-4)

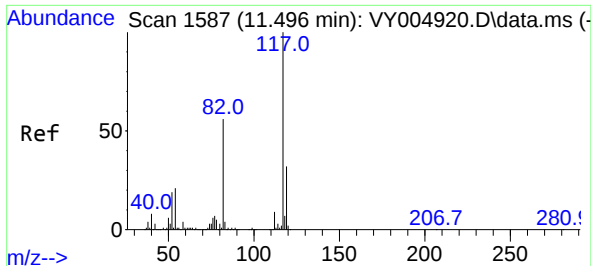
Tgt Ion: 92 Resp: 13746
Ion Ratio Lower Upper
92 100
91 171.0 139.3 208.9



#62
4-Bromofluorobenzene
Concen: 54.349 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004938.D
Acq: 03 Jun 2021 15:49

Tgt Ion: 95 Resp: 160781
Ion Ratio Lower Upper
95 100
174 79.8 0.0 160.8
176 78.4 0.0 155.6

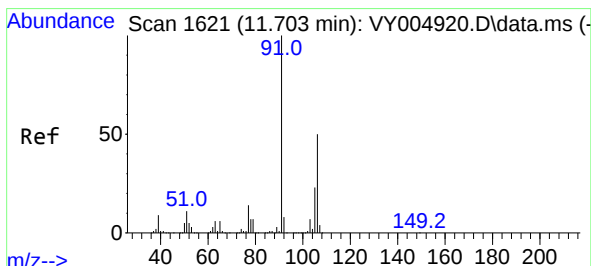
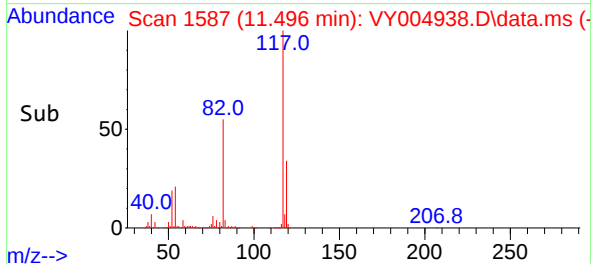
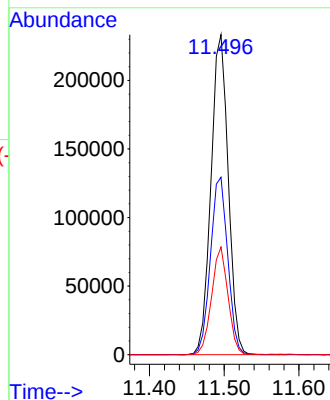
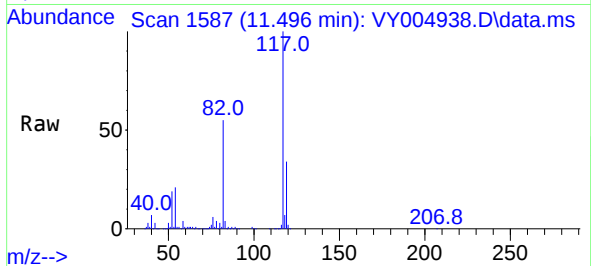




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004938.D
Acq: 03 Jun 2021 15:49

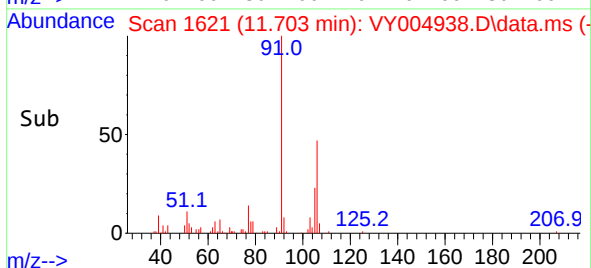
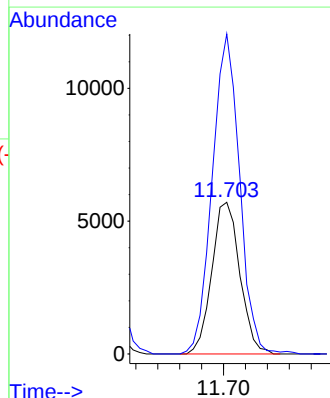
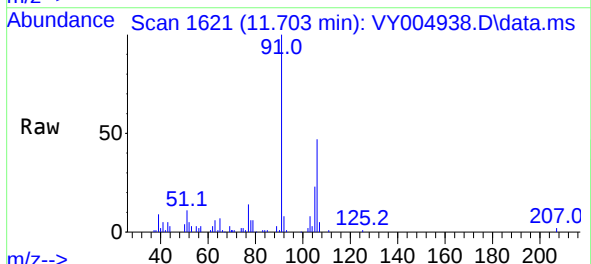
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18-B9(2-4)

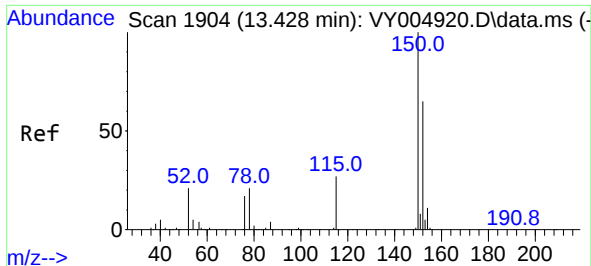
Tgt Ion:117 Resp: 374090
Ion Ratio Lower Upper
117 100
82 55.5 44.8 67.2
119 33.6 25.2 37.8



#68
m/p-Xylenes
Concen: 1.974 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY004938.D
Acq: 03 Jun 2021 15:49

Tgt Ion:106 Resp: 10132
Ion Ratio Lower Upper
106 100
91 205.9 161.9 242.9

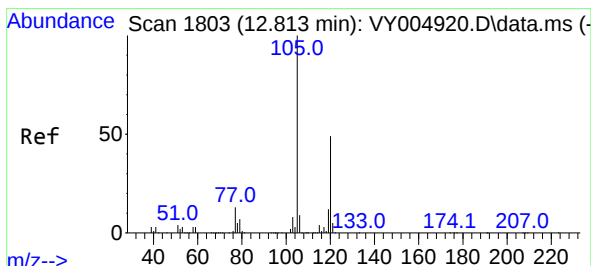
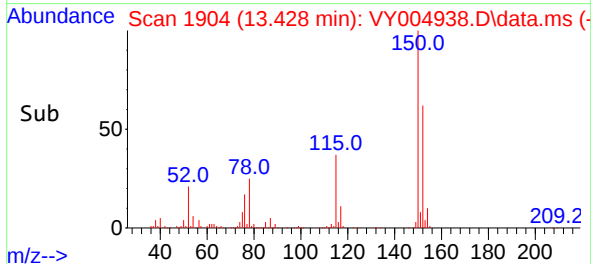
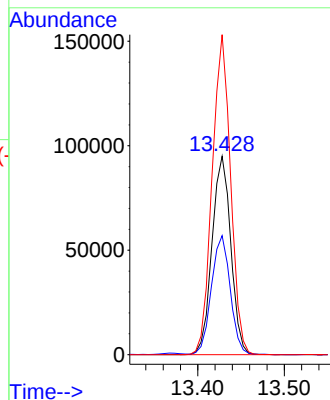
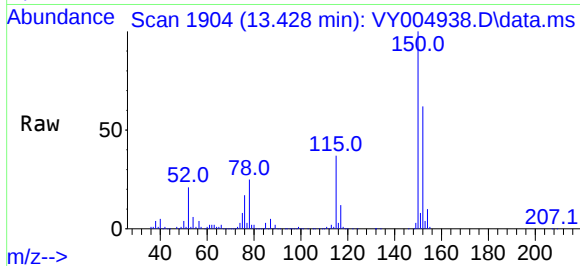




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004938.D
Acq: 03 Jun 2021 15:49

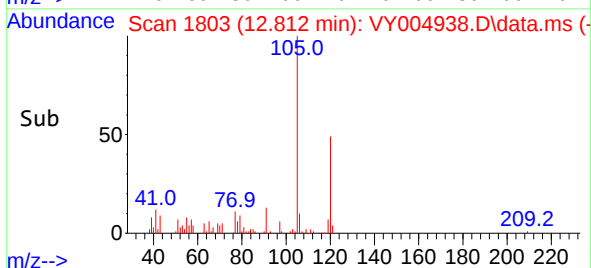
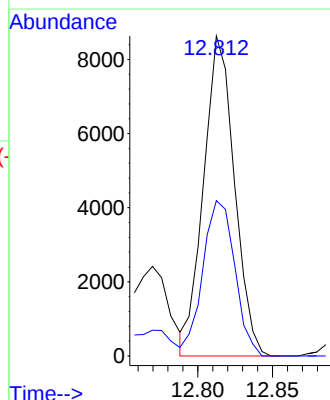
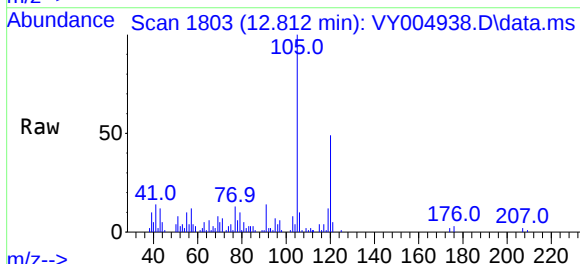
Instrument :
MSVOA_Y
ClientSampleId :
18-B9(2-4)

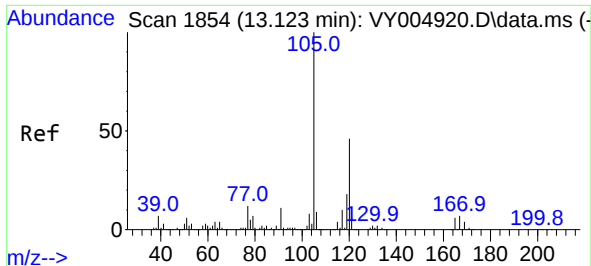
Tgt Ion:152 Resp: 143270
Ion Ratio Lower Upper
152 100
115 60.3 29.9 89.7
150 157.9 0.0 347.8



#80
1,3,5-Trimethylbenzene
Concen: 1.387 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY004938.D
Acq: 03 Jun 2021 15:49

Tgt Ion:105 Resp: 12385
Ion Ratio Lower Upper
105 100
120 50.2 24.5 73.5

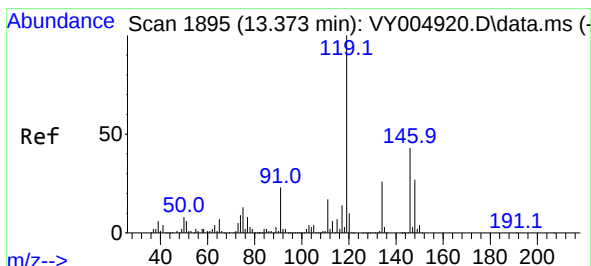
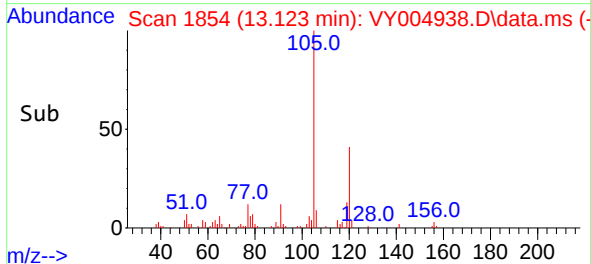
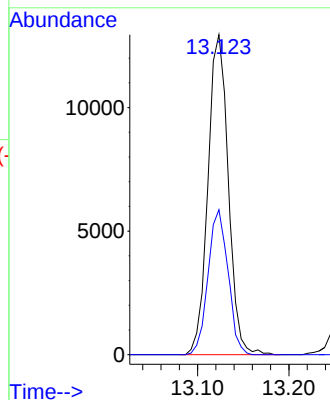
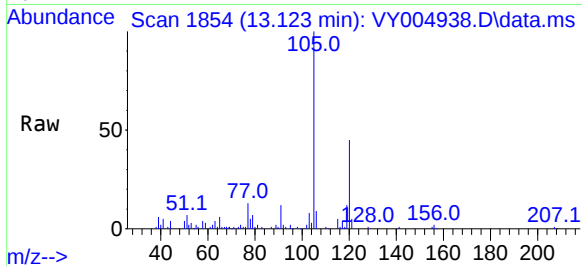




#84
1,2,4-Trimethylbenzene
Concen: 2.254 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004938.D
Acq: 03 Jun 2021 15:49

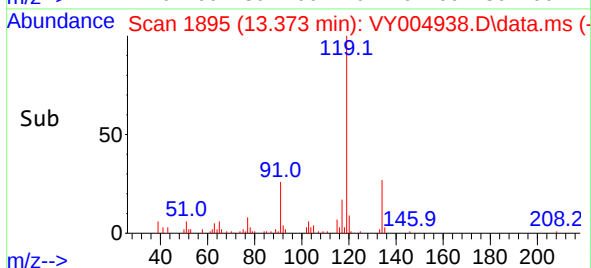
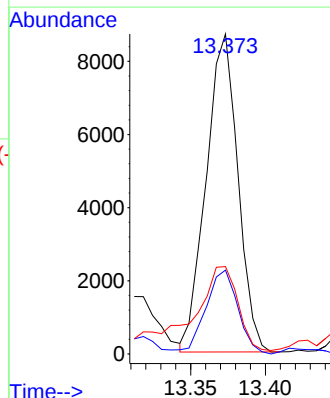
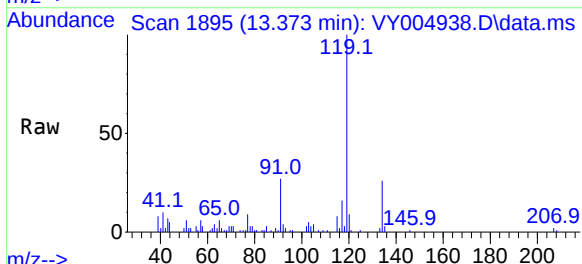
Instrument :
MSVOA_Y
ClientSampleId :
18-B9(2-4)

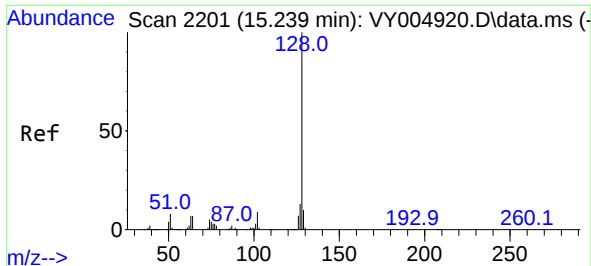
Tgt Ion:105 Resp: 20003
Ion Ratio Lower Upper
105 100
120 44.4 22.6 67.7



#86
p-Isopropyltoluene
Concen: 1.363 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY004938.D
Acq: 03 Jun 2021 15:49

Tgt Ion:119 Resp: 12853
Ion Ratio Lower Upper
119 100
134 26.7 12.9 38.7
91 41.8 11.9 35.5#





#95
Naphthalene
Concen: 33.834 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004938.D
Acq: 03 Jun 2021 15:49

Instrument :
MSVOA_Y
ClientSampleId :
18-B9(2-4)

Tgt Ion:128 Resp: 189987
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.0 8.7 13.1

