

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
 Data File : VY004942.D
 Acq On : 03 Jun 2021 17:22
 Operator : SY/MD
 Sample : M2589-12
 Misc : 11.70G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B10(2-4)

Quant Time: Jun 04 01:18:04 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)

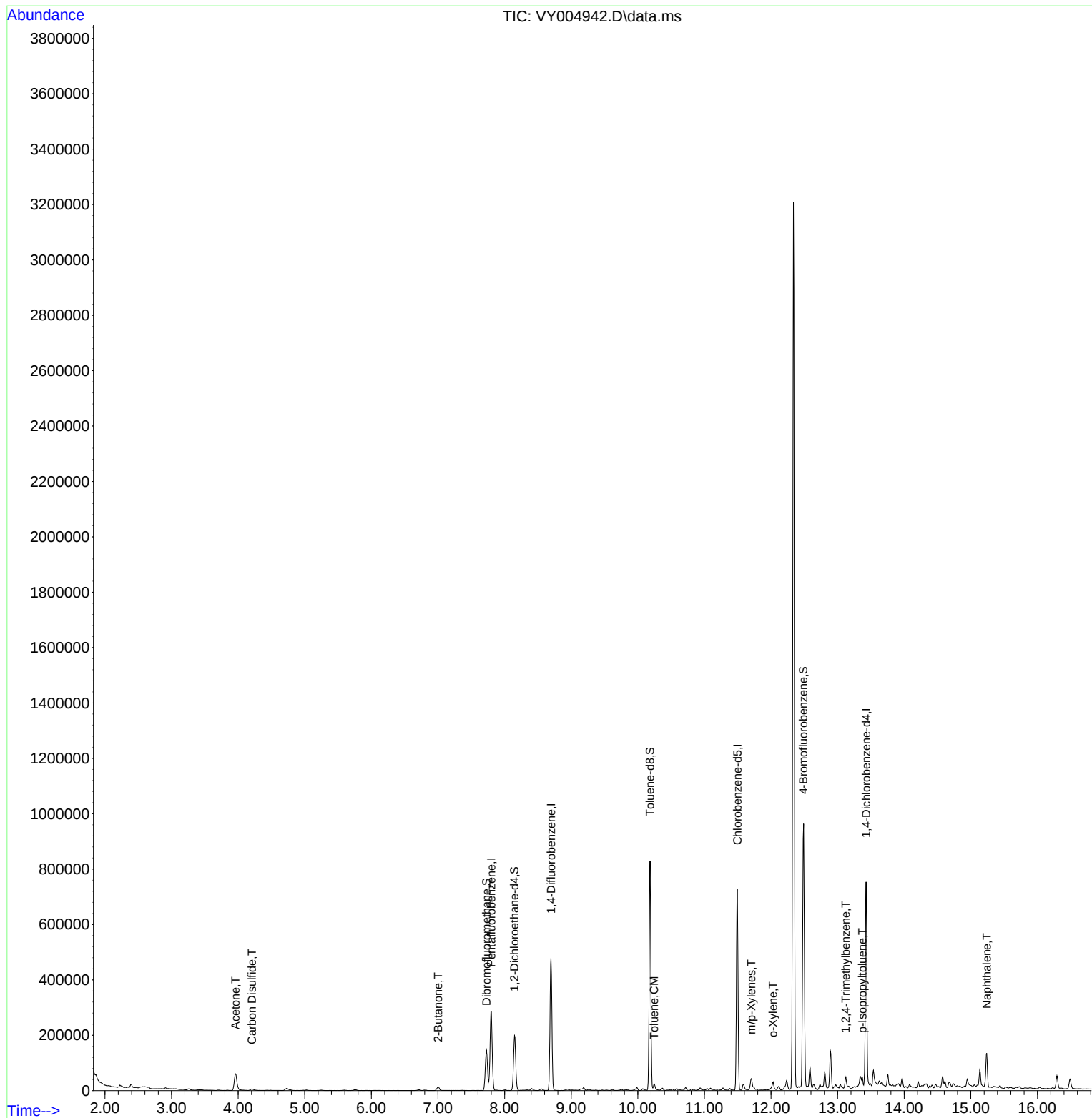
Internal Standards						
1) Pentafluorobenzene	7.801	168	214867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	404870	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	391145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	182156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	150408	66.215	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.420%	
35) Dibromofluoromethane	7.728	113	103922	47.709	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.420%	
50) Toluene-d8	10.184	98	515076	56.936	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.880%	
62) 4-Bromofluorobenzene	12.483	95	189383	60.870	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 121.740%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	111333	203.603	ug/l	97
17) Carbon Disulfide	4.204	76	8434	1.242	ug/l	98
25) 2-Butanone	7.002	43	23710	25.786	ug/l	94
52) Toluene	10.245	92	8995	1.311	ug/l	95
68) m/p-Xylenes	11.702	106	9769	1.820	ug/l	97
69) o-Xylene	12.032	106	5764	1.153	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	21189	1.878	ug/l	95
86) p-Isopropyltoluene	13.373	119	19099	1.593	ug/l	99
95) Naphthalene	15.238	128	100082	14.019	ug/l	99

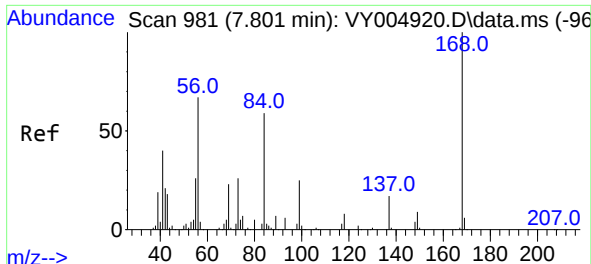
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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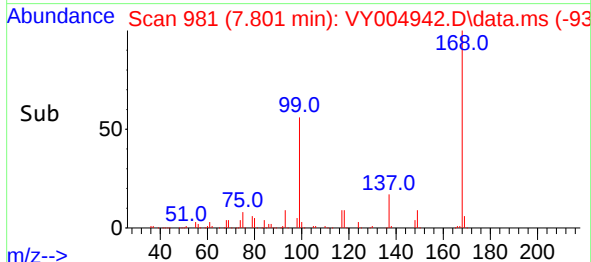
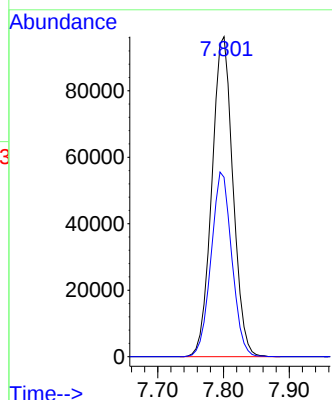
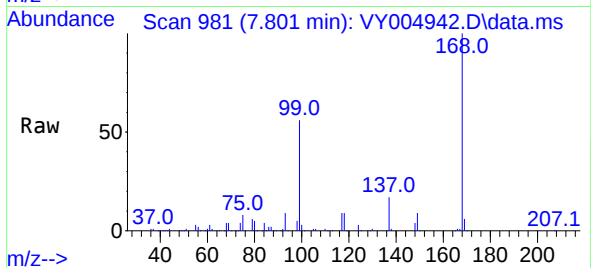




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004942.D
Acq: 03 Jun 2021 17:22

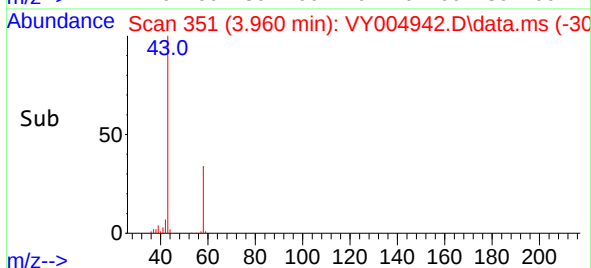
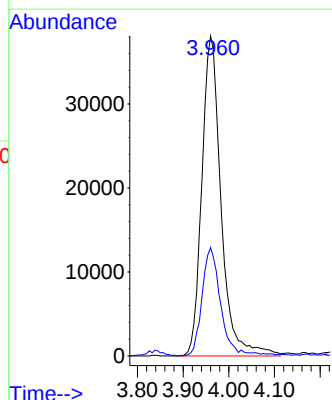
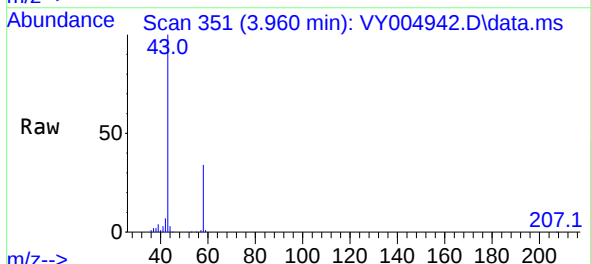
Instrument :
MSVOA_Y
ClientSampleId :
18-B10(2-4)

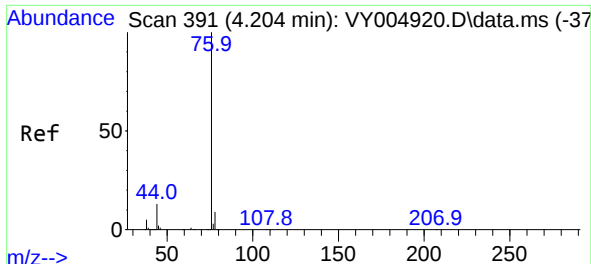
Tgt Ion:168 Resp: 214867
Ion Ratio Lower Upper
168 100
99 56.1 43.9 65.9



#16
Acetone
Concen: 203.603 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.001 min
Lab File: VY004942.D
Acq: 03 Jun 2021 17:22

Tgt Ion: 43 Resp: 111333
Ion Ratio Lower Upper
43 100
58 33.5 25.3 37.9

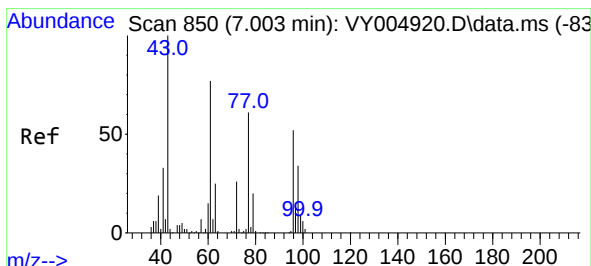
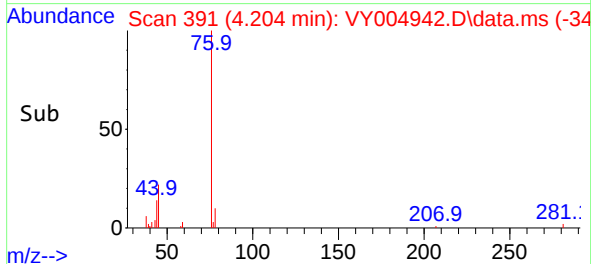
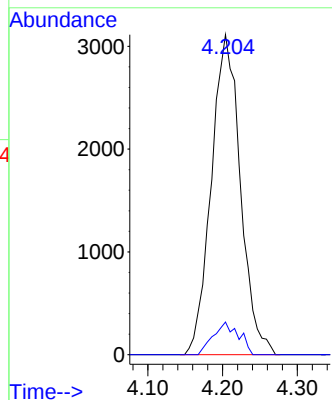
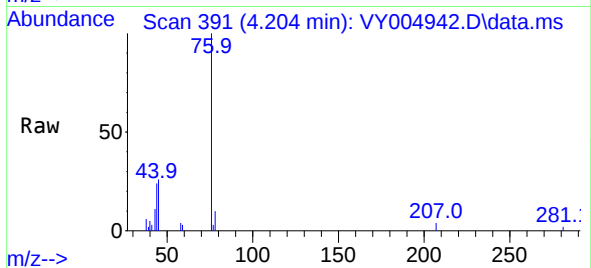




#17
Carbon Disulfide
Concen: 1.242 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.001 min
Lab File: VY004942.D
Acq: 03 Jun 2021 17:22

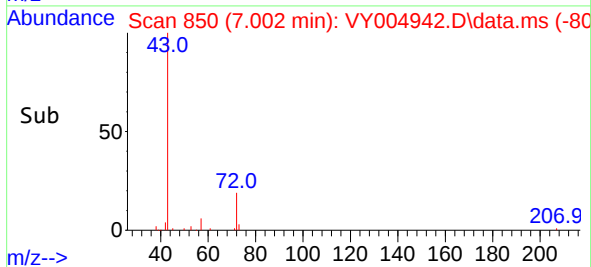
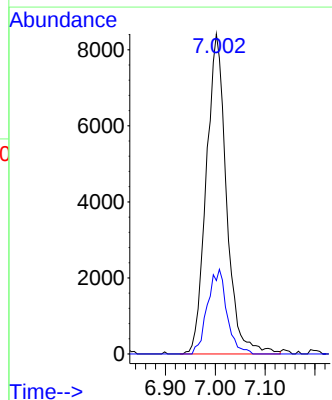
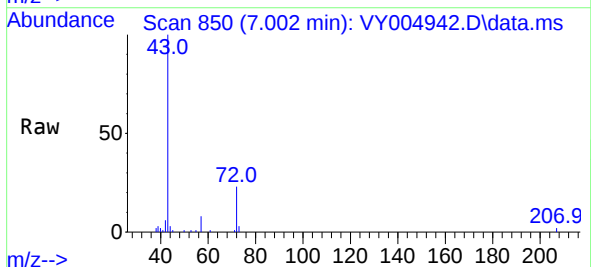
Instrument :
MSVOA_Y
ClientSampleId :
18-B10(2-4)

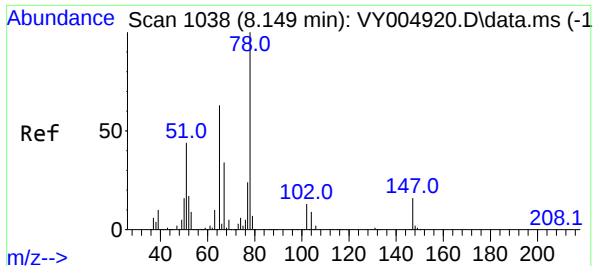
Tgt Ion: 76 Resp: 8434
Ion Ratio Lower Upper
76 100
78 10.2 7.6 11.4



#25
2-Butanone
Concen: 25.786 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.001 min
Lab File: VY004942.D
Acq: 03 Jun 2021 17:22

Tgt Ion: 43 Resp: 23710
Ion Ratio Lower Upper
43 100
72 22.9 20.6 31.0

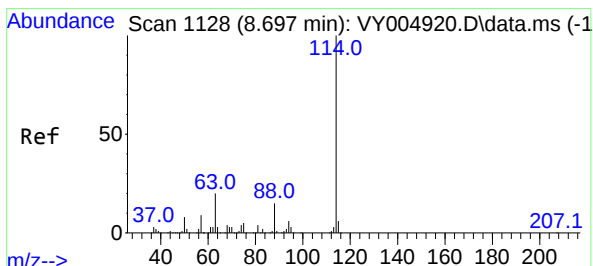
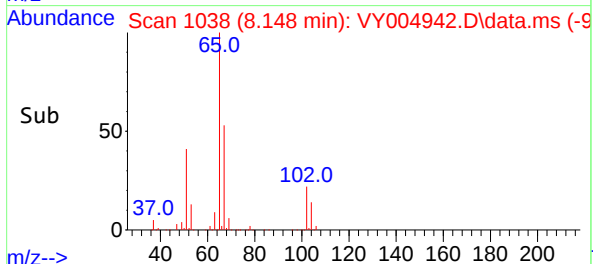
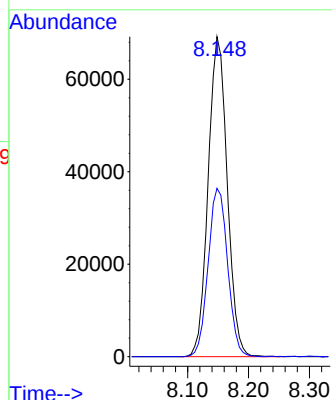
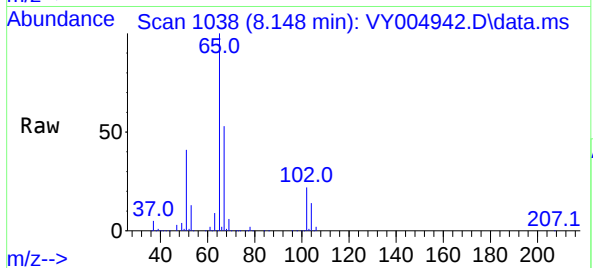




#33
1,2-Dichloroethane-d4
Concen: 66.215 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.001 min
Lab File: VY004942.D
Acq: 03 Jun 2021 17:22

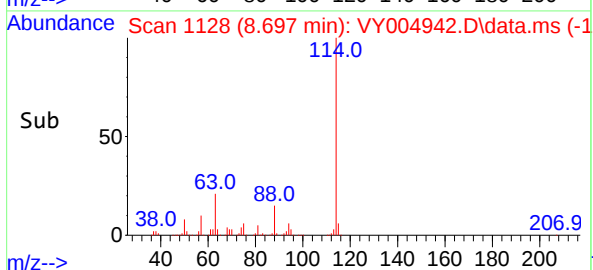
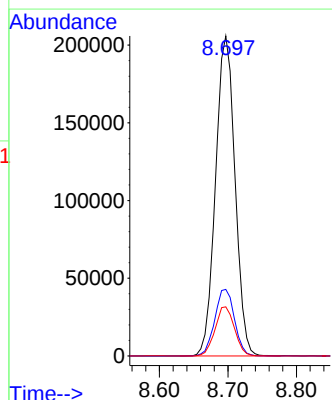
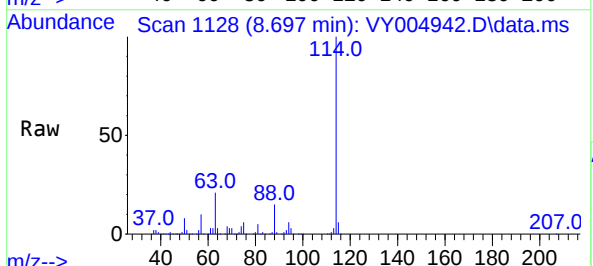
Instrument :
MSVOA_Y
ClientSampleId :
18-B10(2-4)

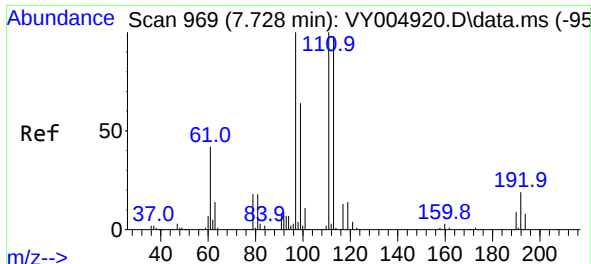
Tgt Ion: 65 Resp: 150408
Ion Ratio Lower Upper
65 100
67 53.8 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.001 min
Lab File: VY004942.D
Acq: 03 Jun 2021 17:22

Tgt Ion: 114 Resp: 404870
Ion Ratio Lower Upper
114 100
63 20.8 0.0 41.0
88 15.4 0.0 30.6



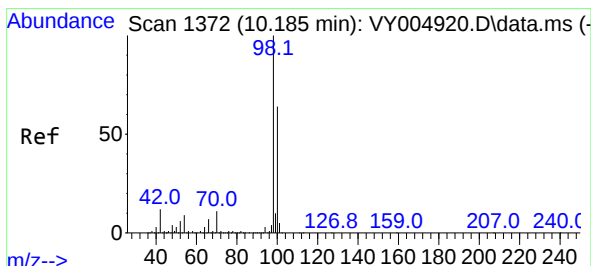
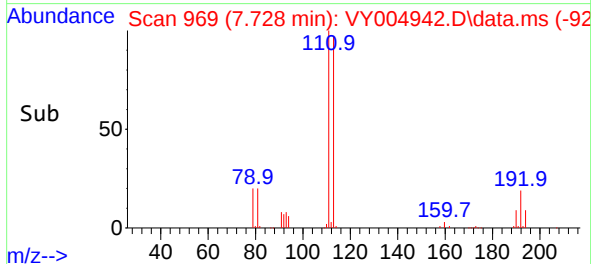
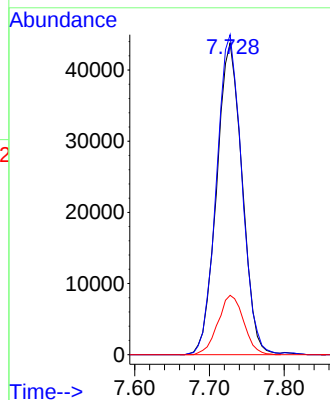
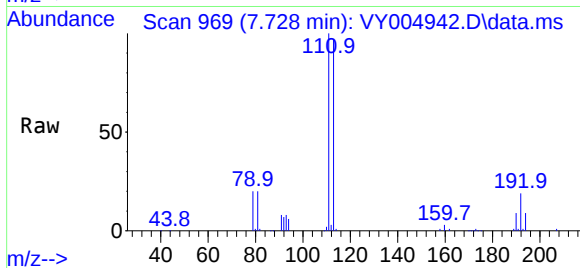


#35
Dibromofluoromethane
Concen: 47.709 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.001 min
Lab File: VY004942.D
Acq: 03 Jun 2021 17:22

Instrument :
MSVOA_Y
ClientSampleId :
18-B10(2-4)

Tgt Ion:113 Resp: 103922

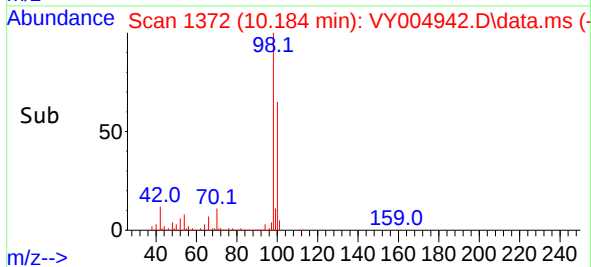
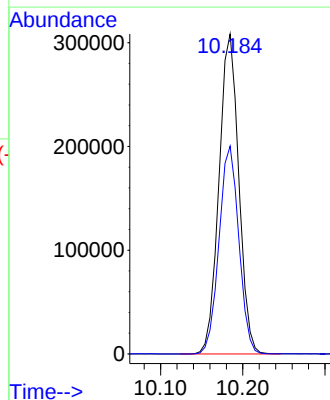
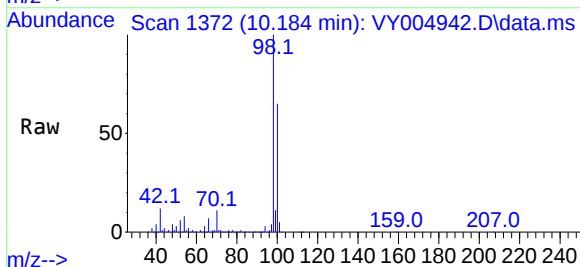
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.8
192	19.2	15.3	22.9

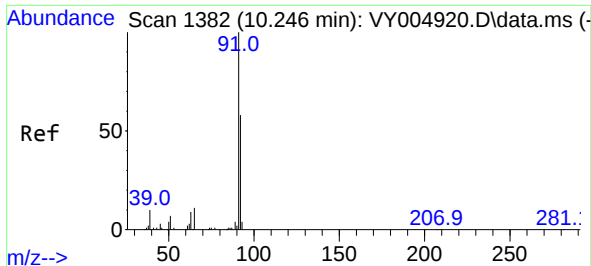


#50
Toluene-d8
Concen: 56.936 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.001 min
Lab File: VY004942.D
Acq: 03 Jun 2021 17:22

Tgt Ion: 98 Resp: 515076

Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.8	77.6

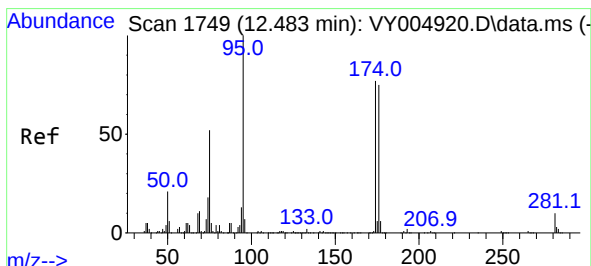
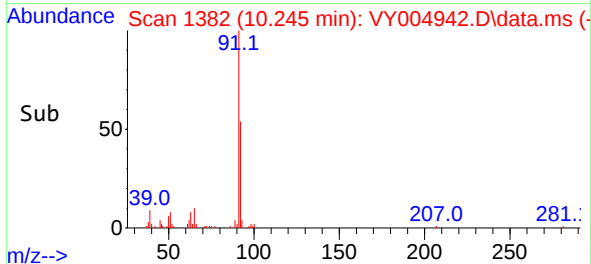
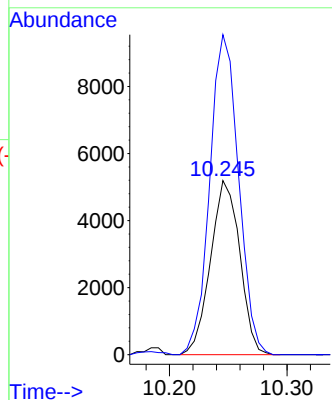
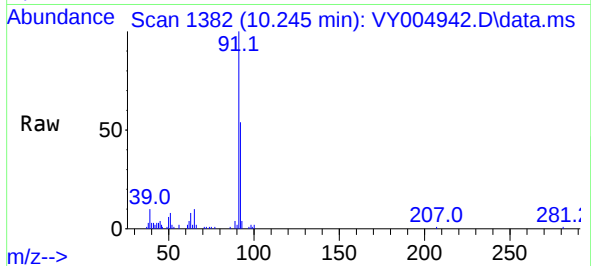




#52
Toluene
Concen: 1.311 ug/l
RT: 10.245 min Scan# 1382
Delta R.T. -0.001 min
Lab File: VY004942.D
Acq: 03 Jun 2021 17:22

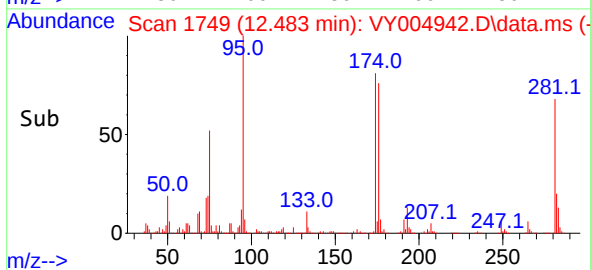
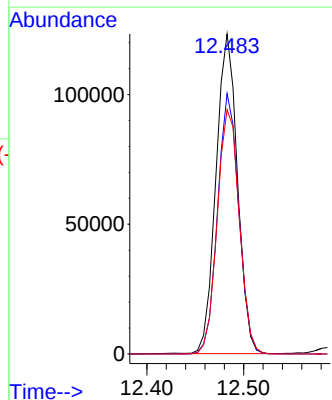
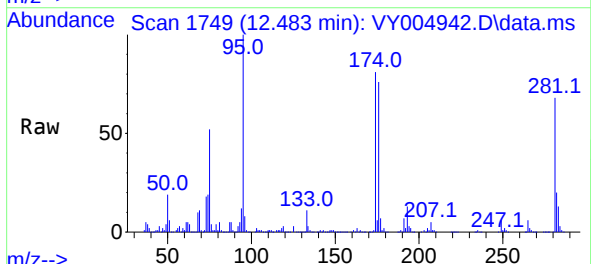
Instrument :
MSVOA_Y
ClientSampleId :
18-B10(2-4)

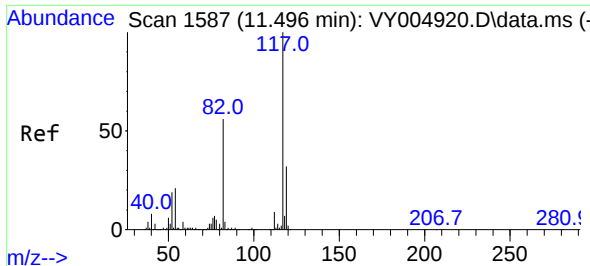
Tgt Ion: 92 Resp: 8995
Ion Ratio Lower Upper
92 100
91 181.0 139.3 208.9



#62
4-Bromofluorobenzene
Concen: 60.870 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VY004942.D
Acq: 03 Jun 2021 17:22

Tgt Ion: 95 Resp: 189383
Ion Ratio Lower Upper
95 100
174 80.3 0.0 160.8
176 78.5 0.0 155.6

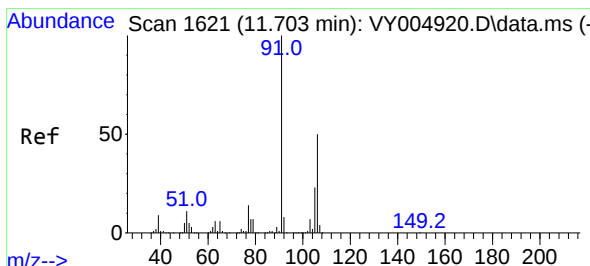
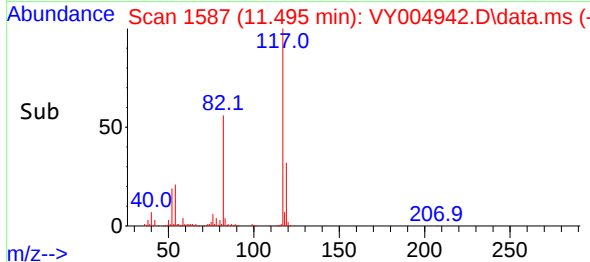
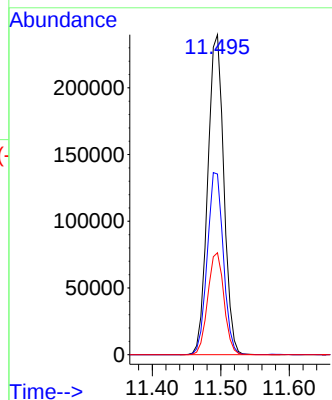
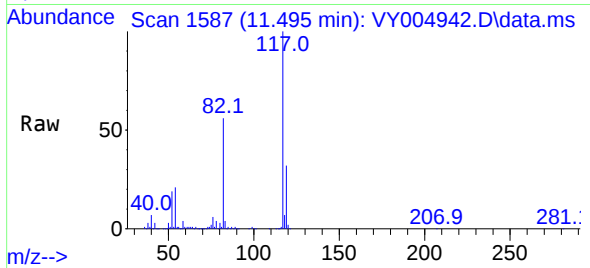




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.001 min
Lab File: VY004942.D
Acq: 03 Jun 2021 17:22

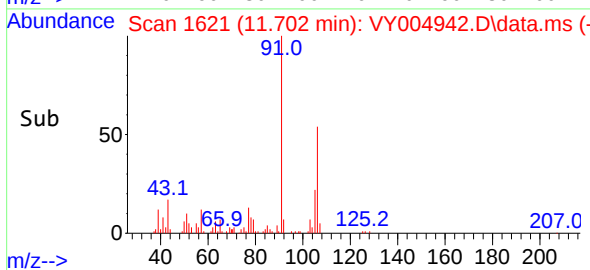
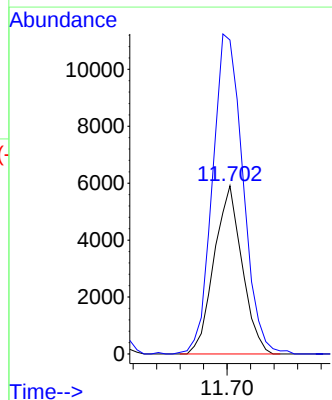
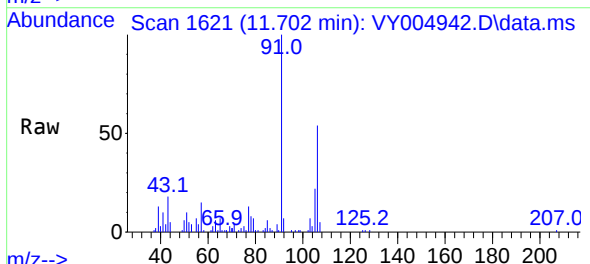
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18-B10(2-4)

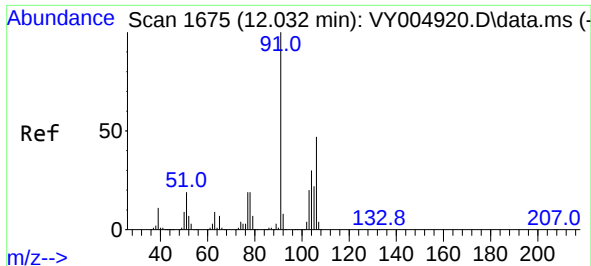
Tgt Ion:	117	Resp:	391145
Ion	Ratio	Lower	Upper
117	100		
82	56.4	44.8	67.2
119	31.9	25.2	37.8



#68
m/p-Xylenes
Concen: 1.820 ug/l
RT: 11.702 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VY004942.D
Acq: 03 Jun 2021 17:22

Tgt Ion:	106	Resp:	9769
Ion	Ratio	Lower	Upper
106	100		
91	207.1	161.9	242.9

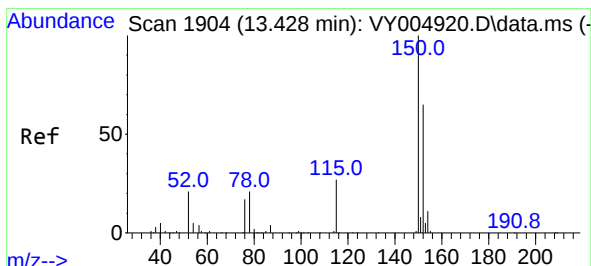
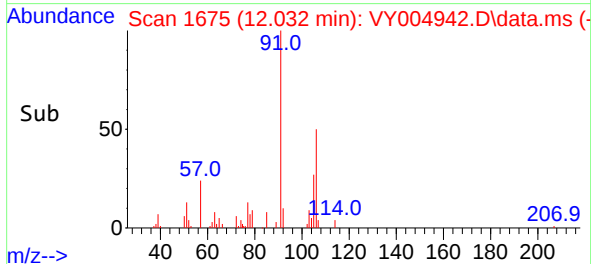
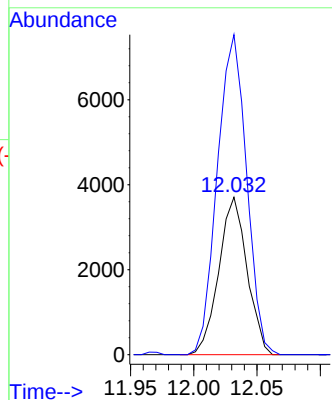
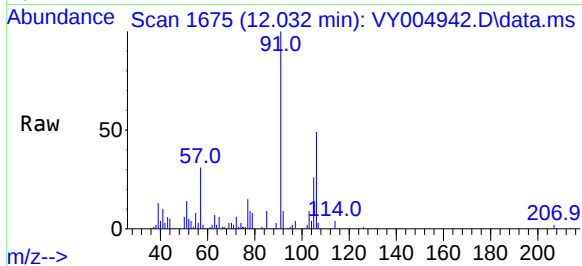




#69
o-Xylene
Concen: 1.153 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.001 min
Lab File: VY004942.D
Acq: 03 Jun 2021 17:22

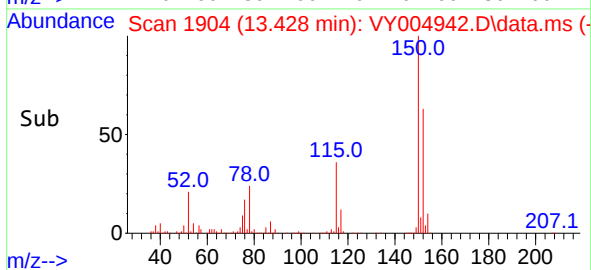
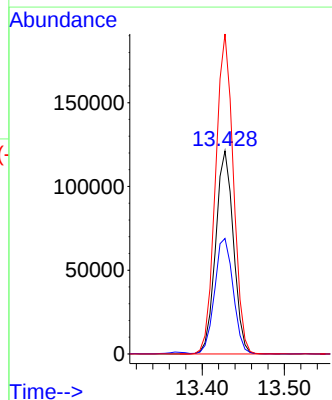
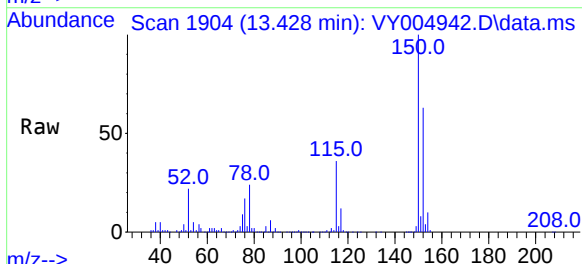
Instrument :
MSVOA_Y
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18-B10(2-4)

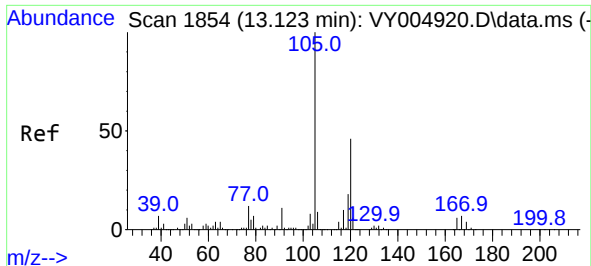
Tgt Ion:106 Resp: 5764
Ion Ratio Lower Upper
106 100
91 209.9 108.0 324.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.001 min
Lab File: VY004942.D
Acq: 03 Jun 2021 17:22

Tgt Ion:152 Resp: 182156
Ion Ratio Lower Upper
152 100
115 59.7 29.9 89.7
150 158.0 0.0 347.8

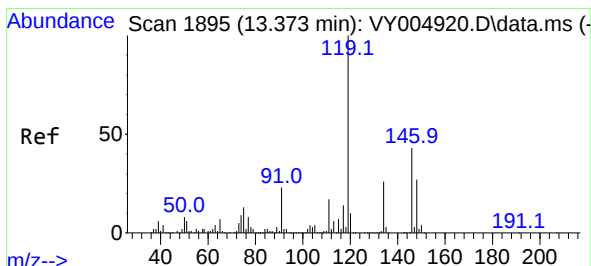
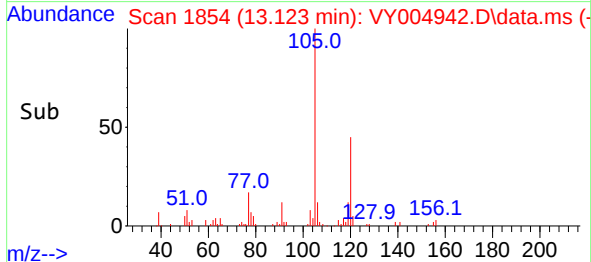
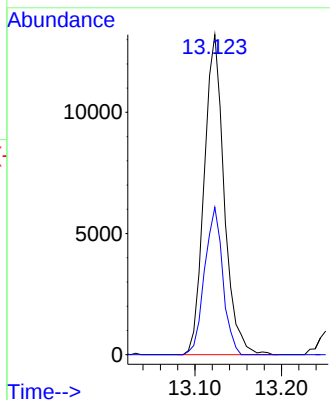
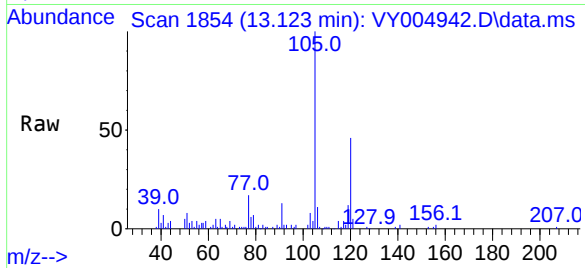




#84
1,2,4-Trimethylbenzene
Concen: 1.878 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.001 min
Lab File: VY004942.D
Acq: 03 Jun 2021 17:22

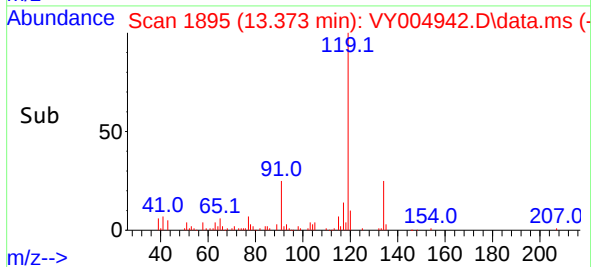
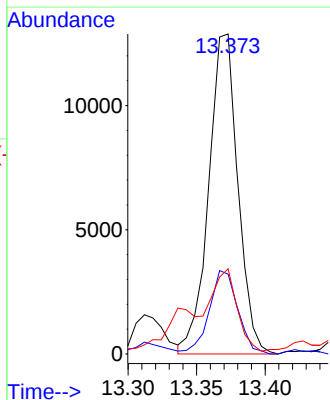
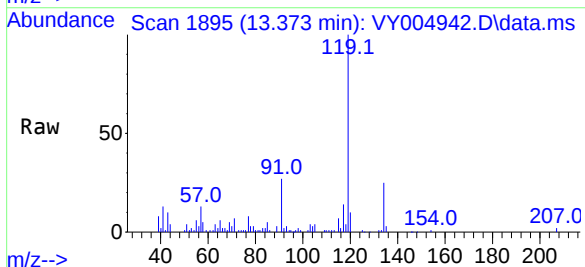
Instrument :
MSVOA_Y
ClientSampleId :
18-B10(2-4)

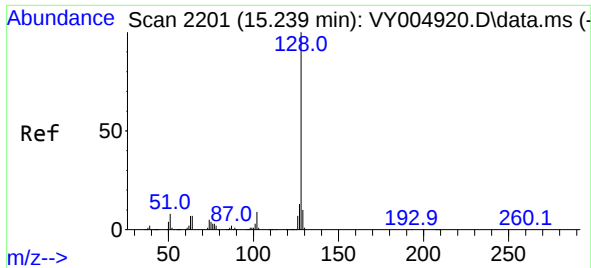
Tgt Ion:105 Resp: 21189
Ion Ratio Lower Upper
105 100
120 41.9 22.6 67.7



#86
p-Isopropyltoluene
Concen: 1.593 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.001 min
Lab File: VY004942.D
Acq: 03 Jun 2021 17:22

Tgt Ion:119 Resp: 19099
Ion Ratio Lower Upper
119 100
134 25.4 12.9 38.7
91 24.3 11.9 35.5





#95
Naphthalene
Concen: 14.019 ug/l
RT: 15.238 min Scan# 2201
Delta R.T. -0.001 min
Lab File: VY004942.D
Acq: 03 Jun 2021 17:22

Instrument :
MSVOA_Y
ClientSampleId :
18-B10(2-4)

Tgt Ion:128 Resp: 100082
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 11.1 8.7 13.1

