

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060321\
 Data File : VY004951.D
 Acq On : 03 Jun 2021 20:51
 Operator : SY/MD
 Sample : M2582-01
 Misc : 8.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 04 01:20:38 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)

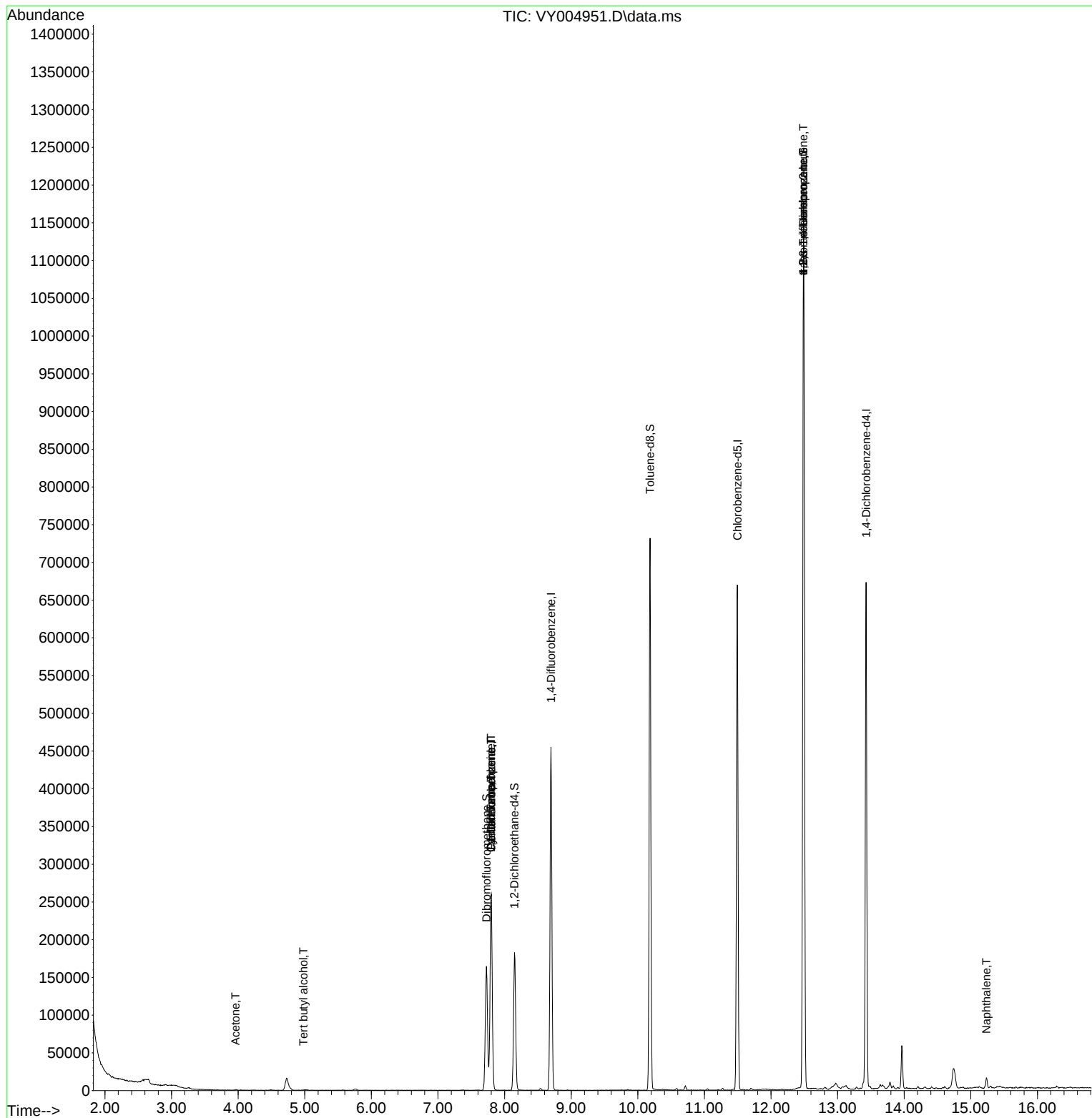
Internal Standards						
1) Pentafluorobenzene	7.801	168	199055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	367794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	351961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	160395	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	138800	65.96	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.92%
35) Dibromofluoromethane	7.728	113	114671	57.95	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.90%
50) Toluene-d8	10.185	98	459136	55.87	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.74%
62) 4-Bromofluorobenzene	12.483	95	164216	58.10	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.20%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.978	59	531	2.19	ug/l #	74
16) Acetone	3.960	43	1045	2.06	ug/l	99
20) Methylene Chloride	4.728	84	11453	Below	Cal	93
31) Cyclohexane	7.795	56	4539	1.23	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	16228	4.51	ug/l #	50
38) Carbon Tetrachloride	7.795	117	20130	6.43	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	94185	53.57	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	94185	98.45	ug/l #	16
95) Naphthalene	15.232	128	10818	1.72	ug/l	98

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

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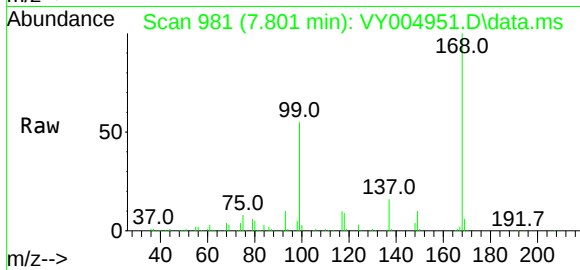
Quant Time: Jun 04 01:20:38 2021
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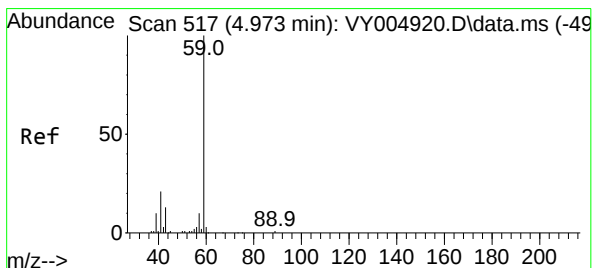
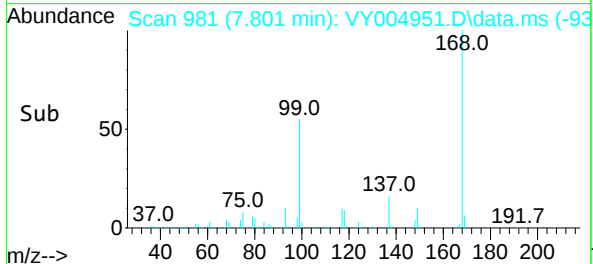
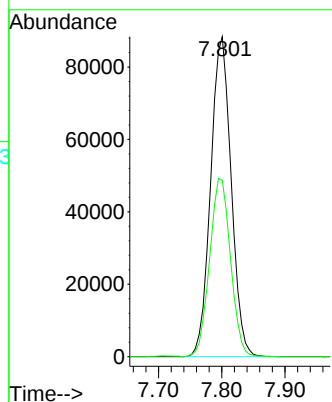


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004951.D
Acq: 03 Jun 2021 20:51

Instrument :
MSVOA_Y
ClientSampleId :

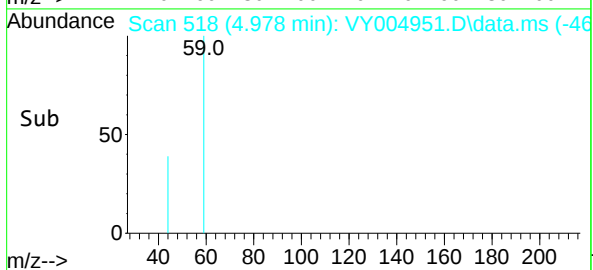
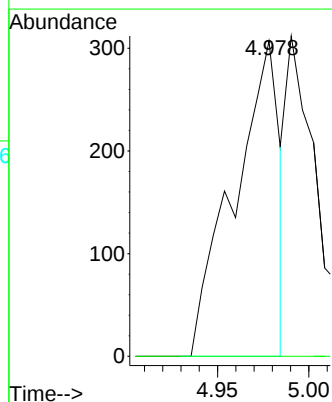
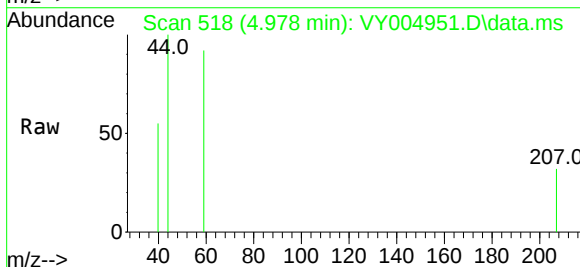


Tgt Ion:168 Resp: 199055
Ion Ratio Lower Upper
168 100
99 55.1 43.9 65.9



#11
Tert butyl alcohol
Concen: 2.19 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.005 min
Lab File: VY004951.D
Acq: 03 Jun 2021 20:51

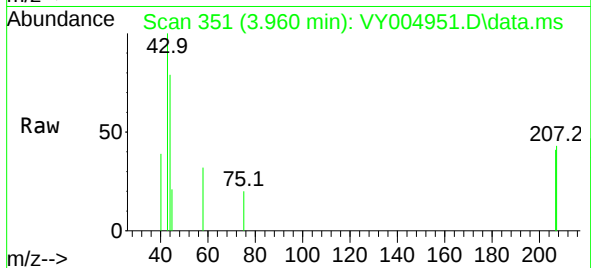
Tgt Ion: 59 Resp: 531
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



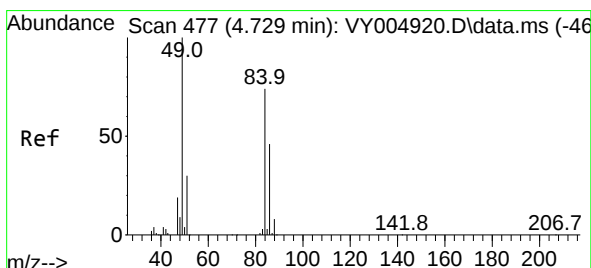
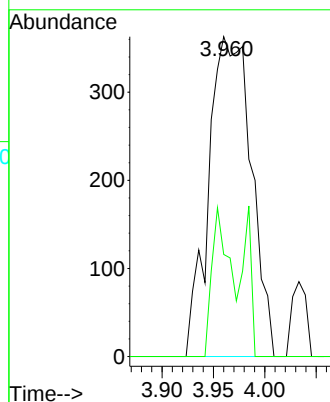
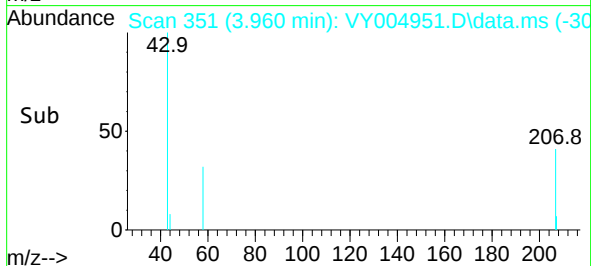


#16
Acetone
Concen: 2.06 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004951.D
Acq: 03 Jun 2021 20:51

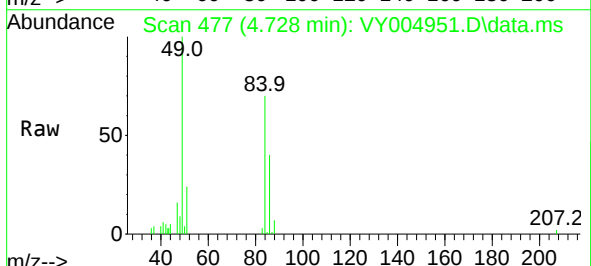
Instrument :
MSVOA_Y
ClientSampled :



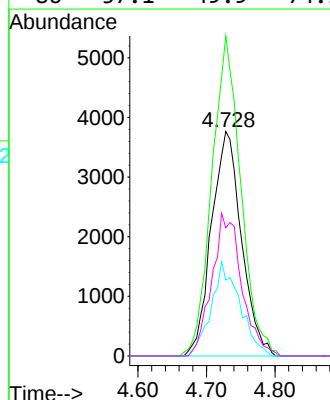
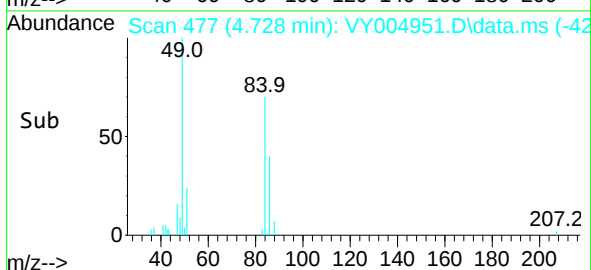
Tgt Ion: 43 Resp: 1045
Ion Ratio Lower Upper
43 100
58 32.0 25.3 37.9

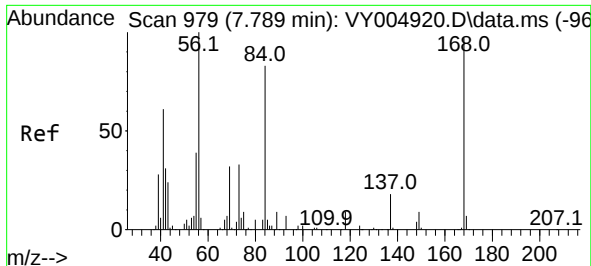


#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY004951.D
Acq: 03 Jun 2021 20:51



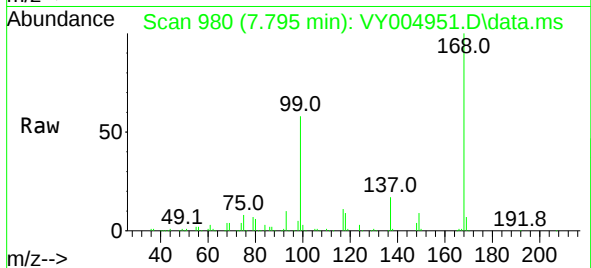
Tgt Ion: 84 Resp: 11453
Ion Ratio Lower Upper
84 100
49 142.5 108.0 162.0
51 33.9 32.6 48.8
86 57.1 49.9 74.9



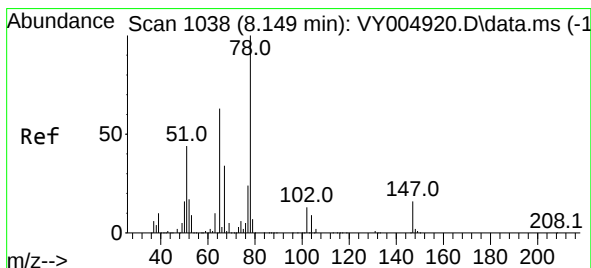
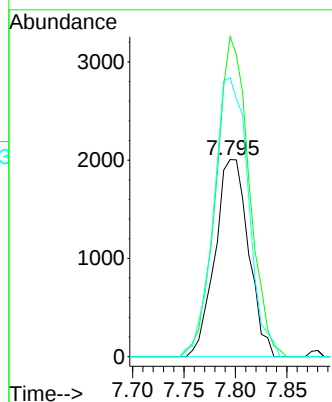
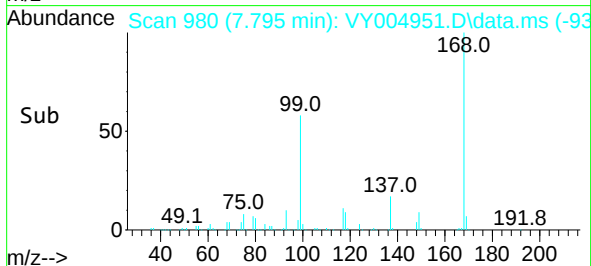


#31
Cyclohexane
Concen: 1.23 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004951.D
Acq: 03 Jun 2021 20:51

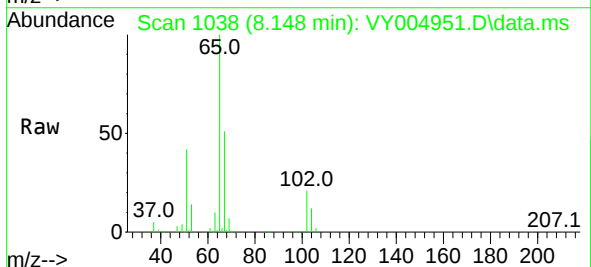
Instrument :
MSVOA_Y
ClientSampleId :



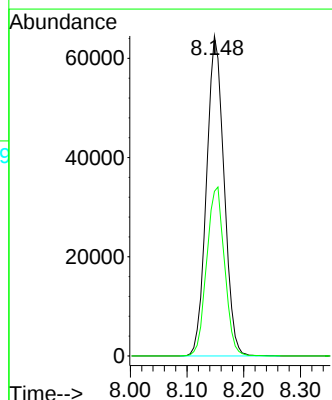
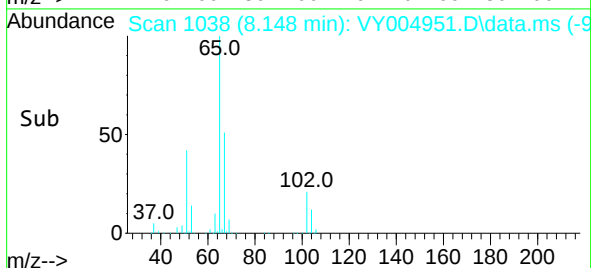
Tgt Ion: 56 Resp: 4539
Ion Ratio Lower Upper
56 100
69 162.4 25.3 37.9#
84 141.5 66.2 99.4#

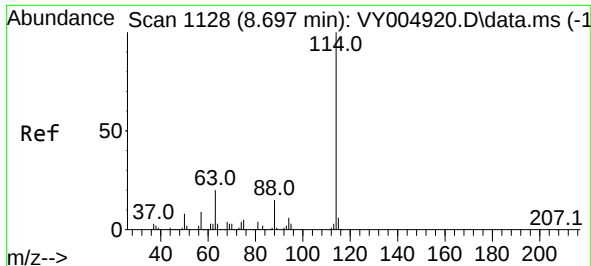


#33
1,2-Dichloroethane-d4
Concen: 65.96 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004951.D
Acq: 03 Jun 2021 20:51



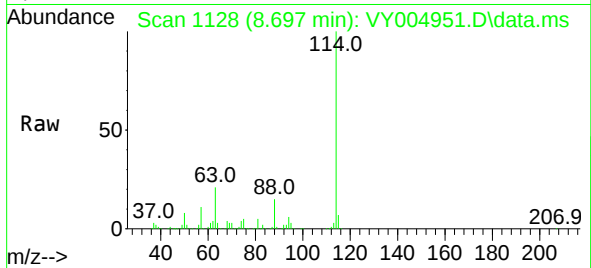
Tgt Ion: 65 Resp: 138800
Ion Ratio Lower Upper
65 100
67 53.7 0.0 110.6



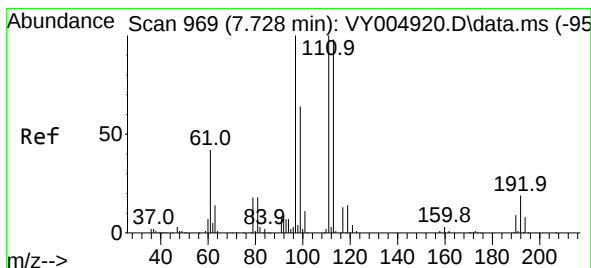
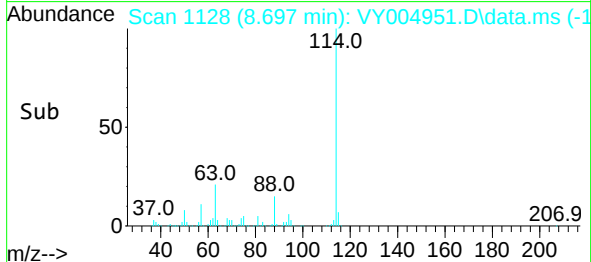
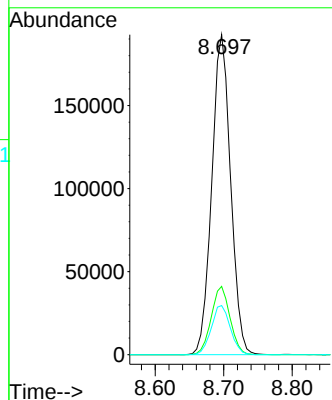


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004951.D
Acq: 03 Jun 2021 20:51

Instrument :
MSVOA_Y
ClientSampleId :

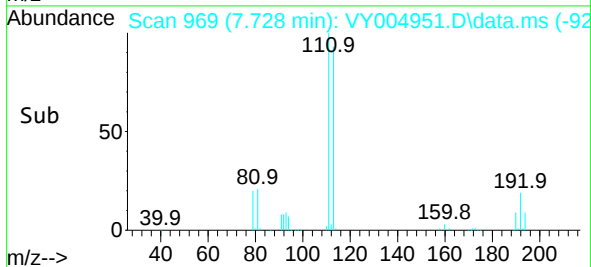
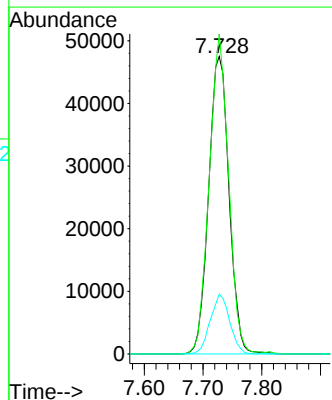
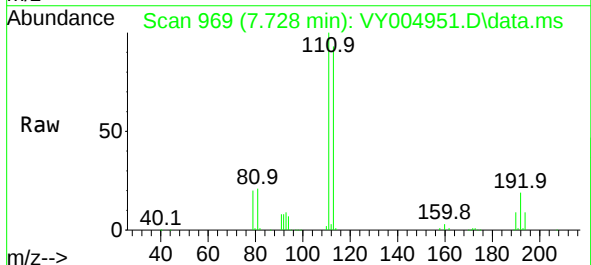


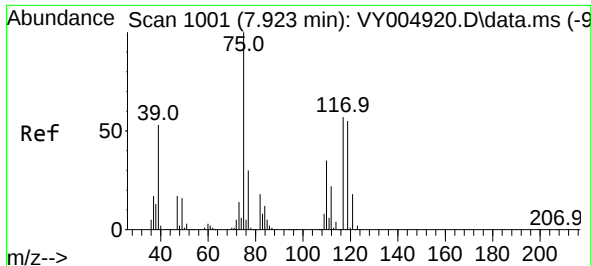
Tgt Ion:114 Resp: 367794
Ion Ratio Lower Upper
114 100
63 21.4 0.0 41.0
88 15.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 57.95 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004951.D
Acq: 03 Jun 2021 20:51

Tgt Ion:113 Resp: 114671
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.8
192 19.1 15.3 22.9

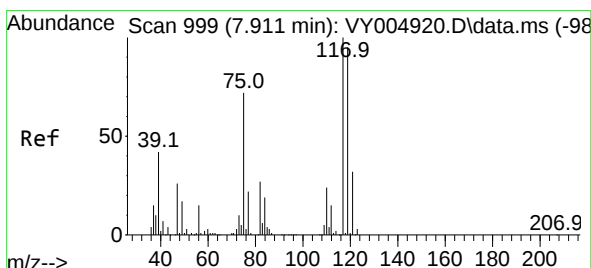
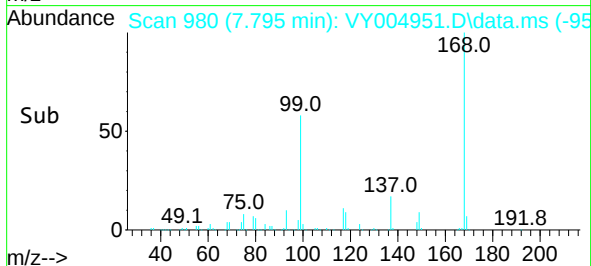
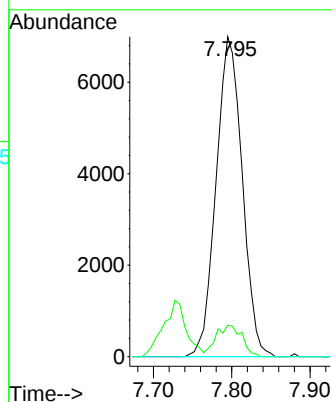
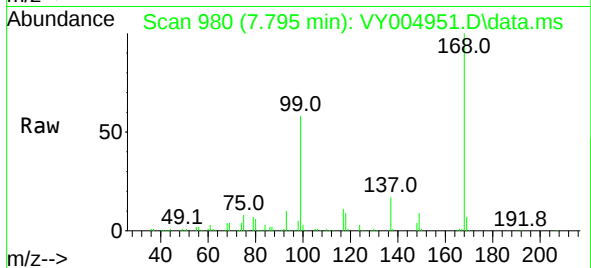




#36
1,1-Dichloropropene
Concen: 4.51 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004951.D
Acq: 03 Jun 2021 20:51

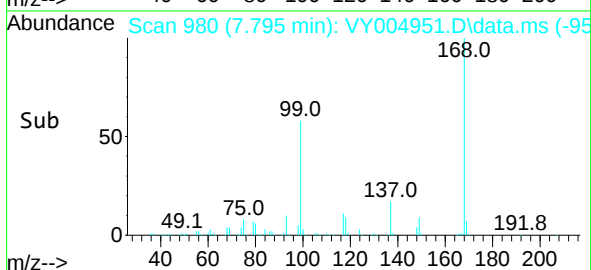
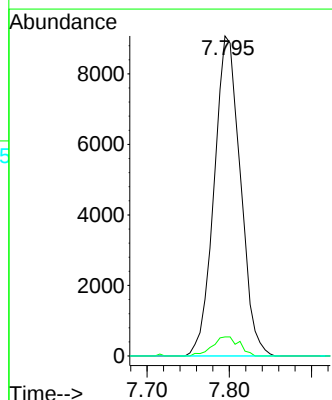
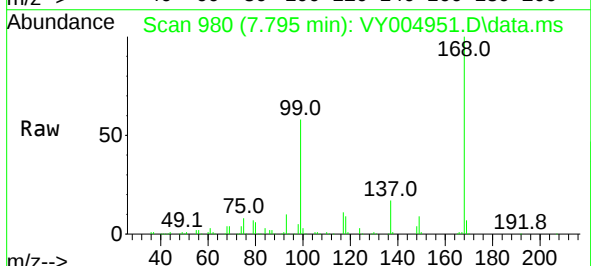
Instrument :
MSVOA_Y
ClientSampleId :

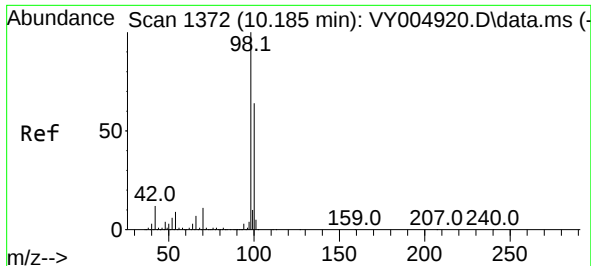
Tgt Ion: 75 Resp: 16228
Ion Ratio Lower Upper
75 100
110 9.7 17.5 52.5#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.43 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004951.D
Acq: 03 Jun 2021 20:51

Tgt Ion: 117 Resp: 20130
Ion Ratio Lower Upper
117 100
119 5.9 76.1 114.1#
121 0.0 25.5 38.3#

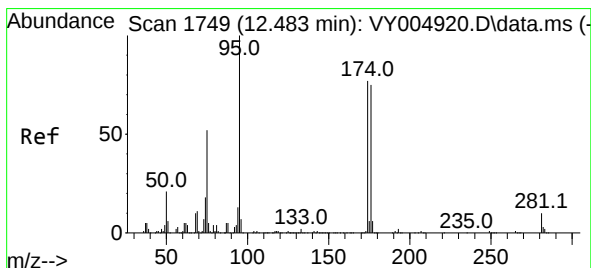
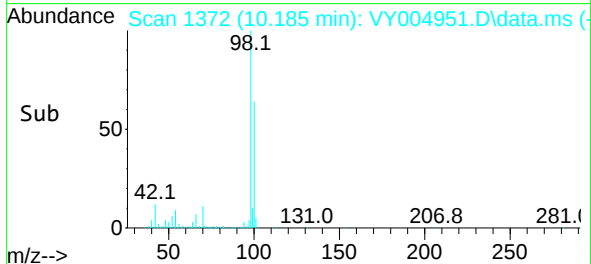
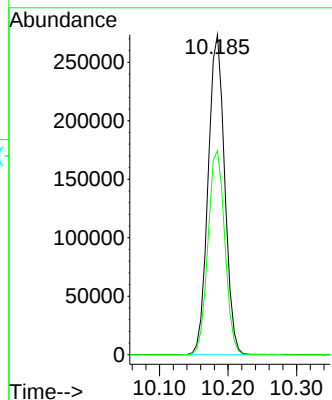
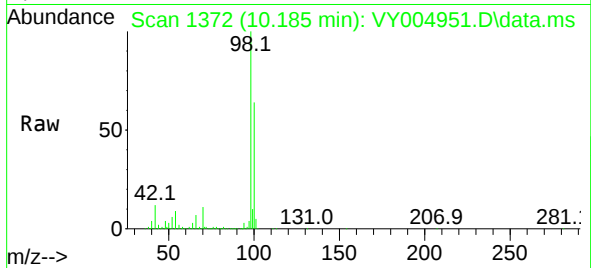




#50
Toluene-d8
Concen: 55.87 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004951.D
Acq: 03 Jun 2021 20:51

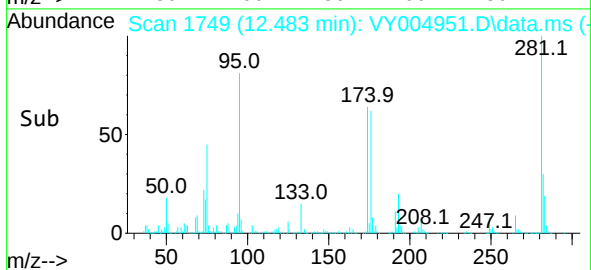
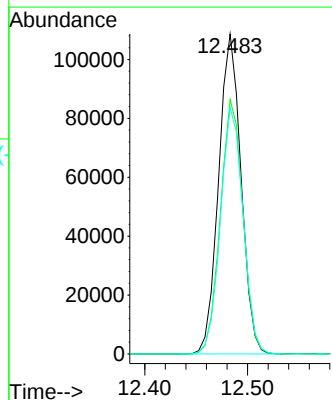
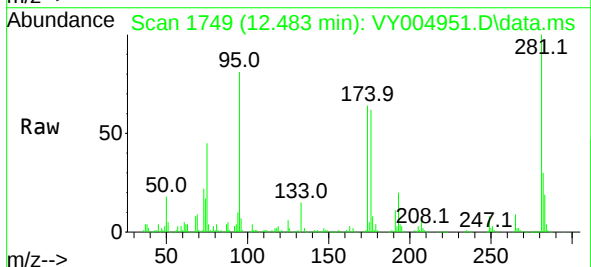
Instrument :
MSVOA_Y
ClientSampled :

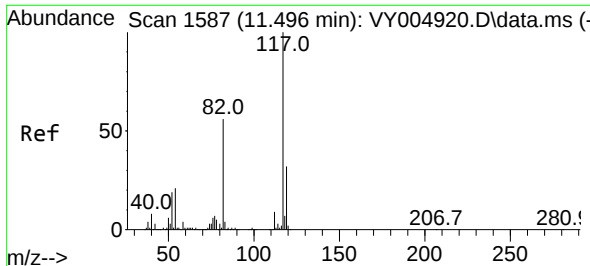
Tgt Ion: 98 Resp: 459136
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 58.10 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004951.D
Acq: 03 Jun 2021 20:51

Tgt Ion: 95 Resp: 164216
Ion Ratio Lower Upper
95 100
174 79.9 0.0 160.8
176 78.0 0.0 155.6

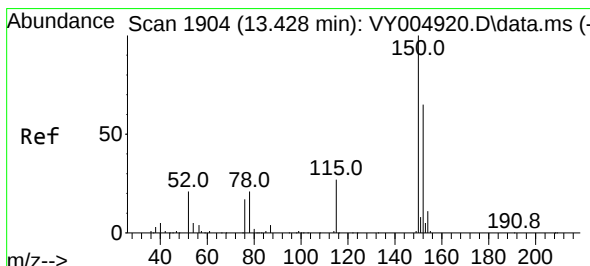
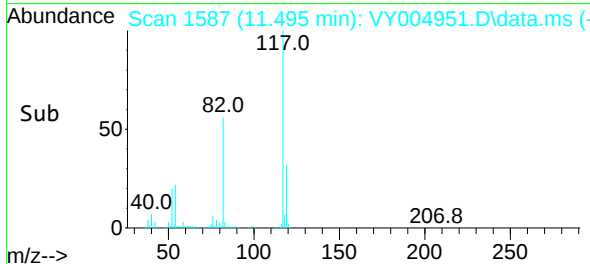
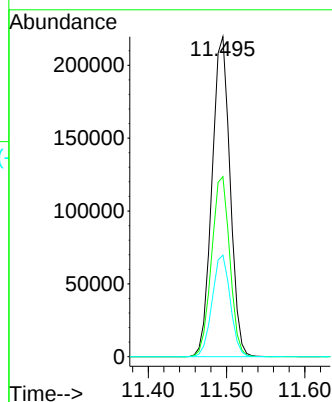
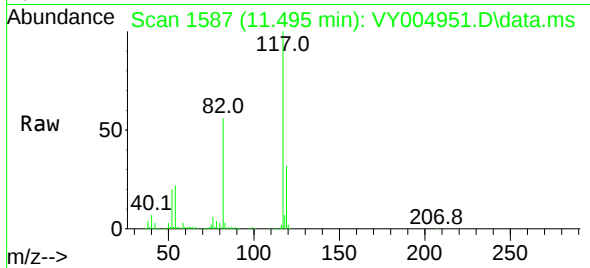




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004951.D
Acq: 03 Jun 2021 20:51

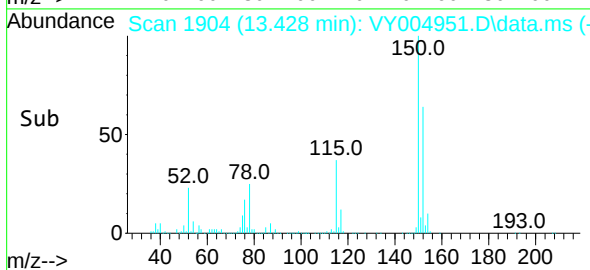
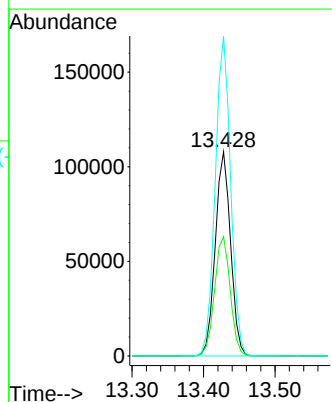
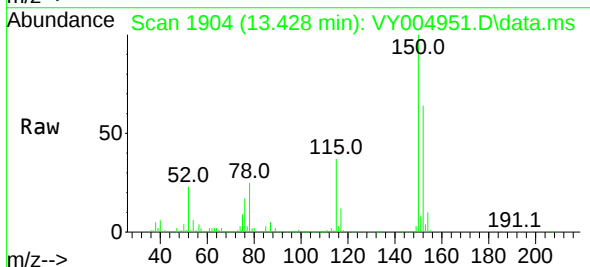
Instrument :
MSVOA_Y
ClientSampled :

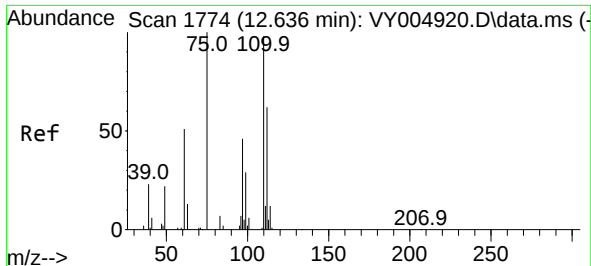
Tgt Ion:117 Resp: 351961
Ion Ratio Lower Upper
117 100
82 56.2 44.8 67.2
119 31.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004951.D
Acq: 03 Jun 2021 20:51

Tgt Ion:152 Resp: 160395
Ion Ratio Lower Upper
152 100
115 59.9 29.9 89.7
150 157.4 0.0 347.8

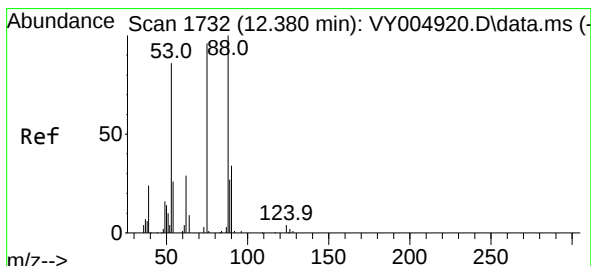
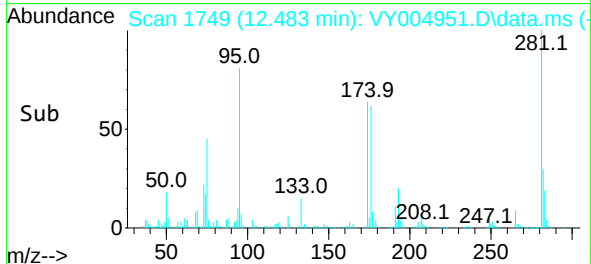
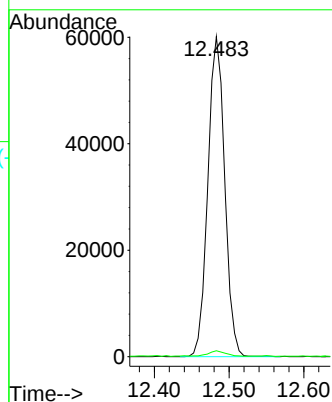
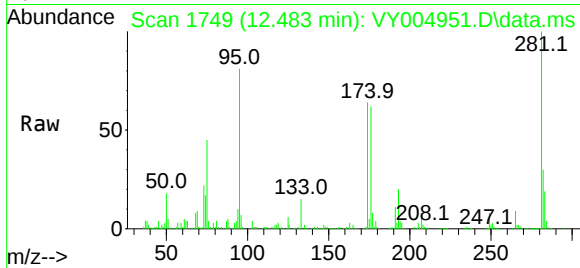




#76
1,2,3-Trichloropropane
Concen: 53.57 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004951.D
Acq: 03 Jun 2021 20:51

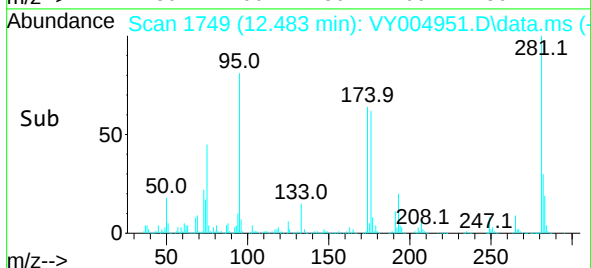
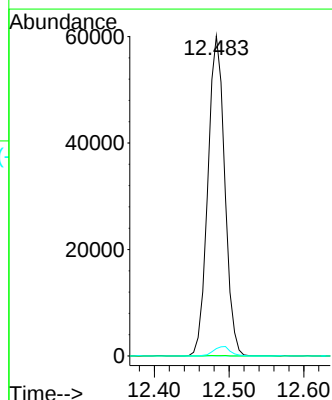
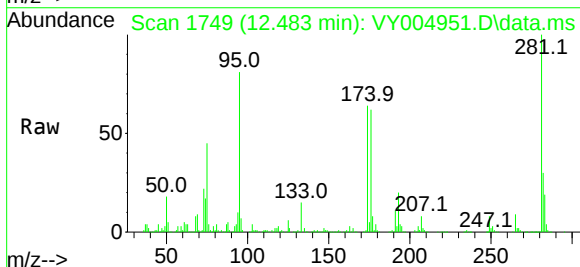
Instrument :
MSVOA_Y
ClientSampleId :

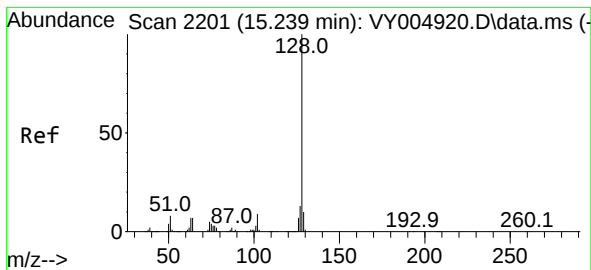
Tgt Ion: 75 Resp: 94185
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.45 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004951.D
Acq: 03 Jun 2021 20:51

Tgt Ion: 75 Resp: 94185
Ion Ratio Lower Upper
75 100
53 0.2 69.3 103.9#
89 2.9 35.0 52.6#





#95
Naphthalene
Concen: 1.72 ug/l
RT: 15.232 min Scan# 2200
Delta R.T. -0.007 min
Lab File: VY004951.D
Acq: 03 Jun 2021 20:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 10818
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 12.4 8.7 13.1

