

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051821\
 Data File : VY004828.D
 Acq On : 18 May 2021 15:51
 Operator : SY/MD
 Sample : M2435-01
 Misc : 6.54G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 19 01:04:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

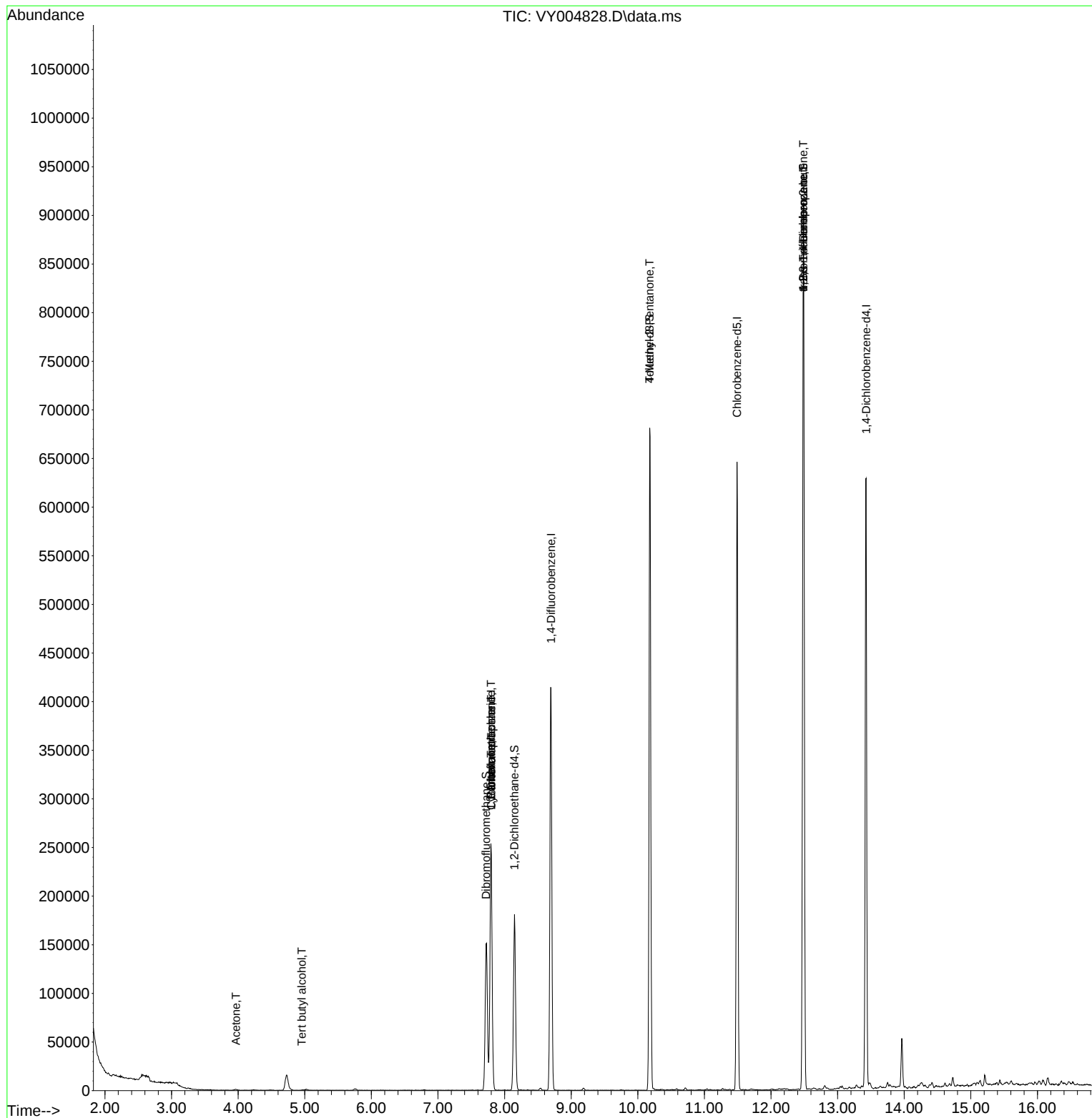
Internal Standards						
1) Pentafluorobenzene	7.795	168	186057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	340445	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	329430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150787	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	135365	61.12	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 122.24%		
35) Dibromofluoromethane	7.722	113	105526	56.62	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 113.24%		
50) Toluene-d8	10.179	98	428272	50.87	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 101.74%		
62) 4-Bromofluorobenzene	12.483	95	153845	54.14	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 108.28%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	270	1.21	ug/l #	71
16) Acetone	3.966	43	1841	3.70	ug/l #	84
20) Methylene Chloride	4.728	84	11232	Below Cal		96
31) Cyclohexane	7.801	56	4842	1.35	ug/l #	4
36) 1,1-Dichloropropene	7.801	75	15530	4.45	ug/l #	51
38) Carbon Tetrachloride	7.795	117	19418	6.19	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	2524	1.06	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	88470	55.24	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	88470	95.78	ug/l #	14

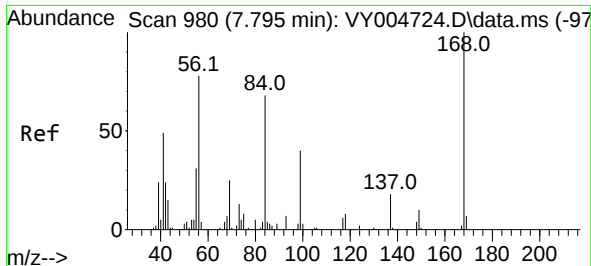
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

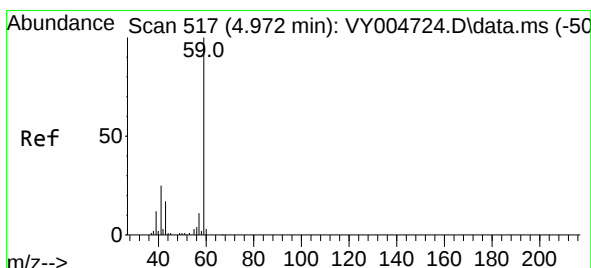
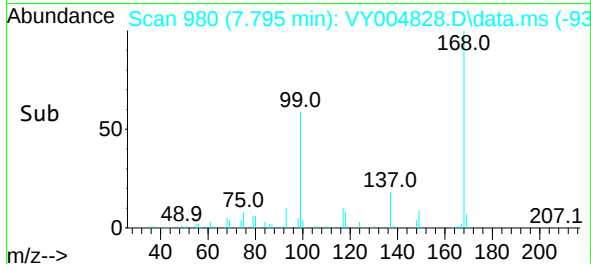
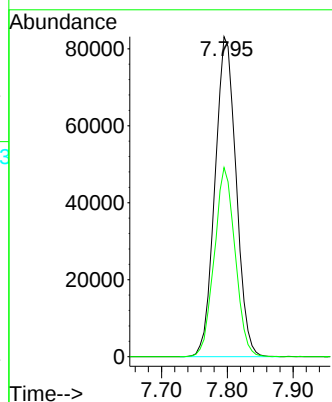
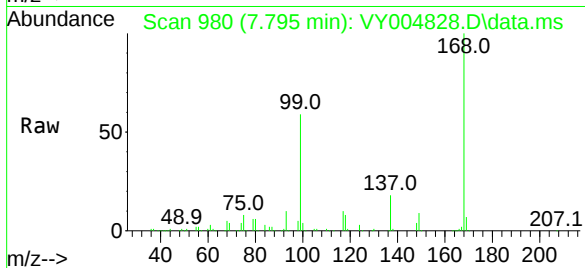




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004828.D
Acq: 18 May 2021 15:51

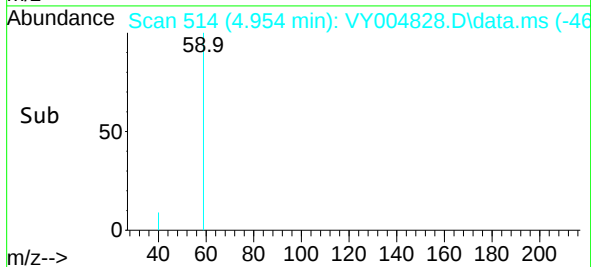
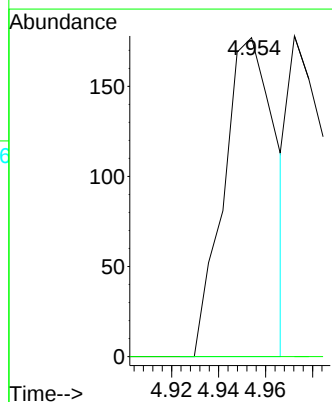
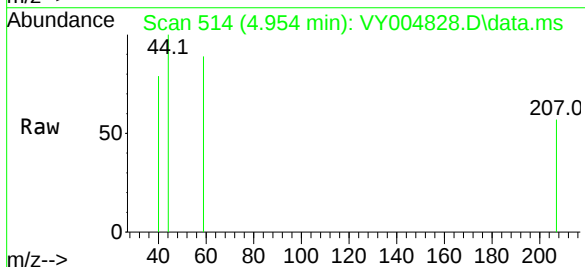
Instrument :
MSVOA_Y
ClientSampleId :

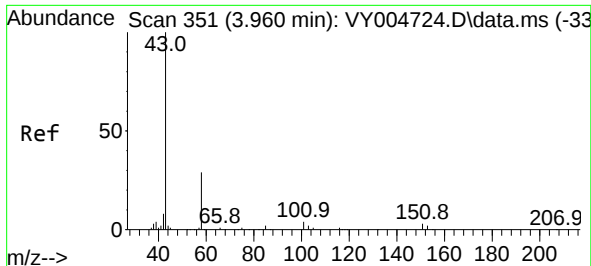
Tgt Ion:168 Resp: 186057
Ion Ratio Lower Upper
168 100
99 59.1 45.6 68.4



#11
Tert butyl alcohol
Concen: 1.21 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY004828.D
Acq: 18 May 2021 15:51

Tgt Ion: 59 Resp: 270
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

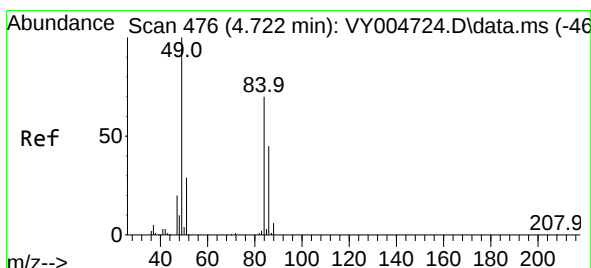
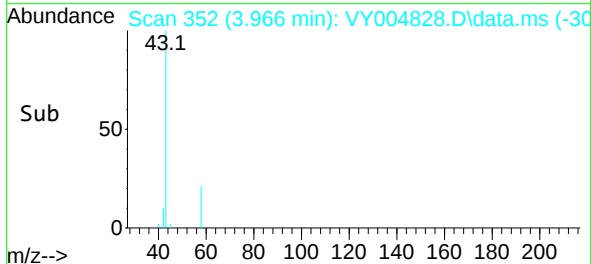
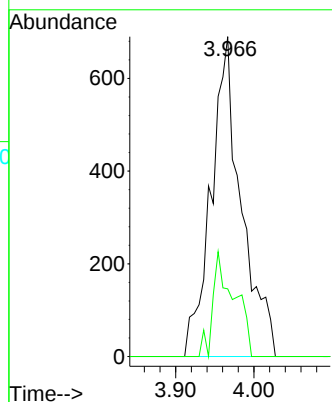
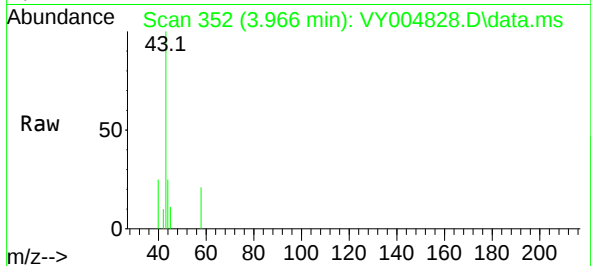




#16
Acetone
Concen: 3.70 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004828.D
Acq: 18 May 2021 15:51

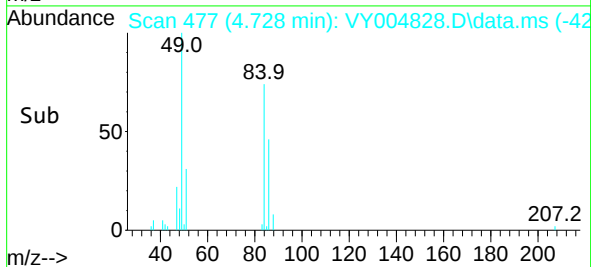
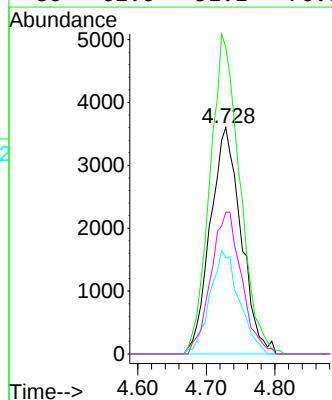
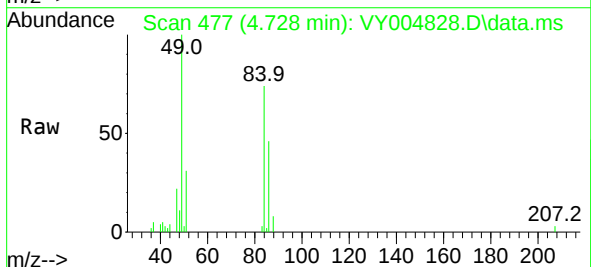
Instrument :
MSVOA_Y
ClientSampled :

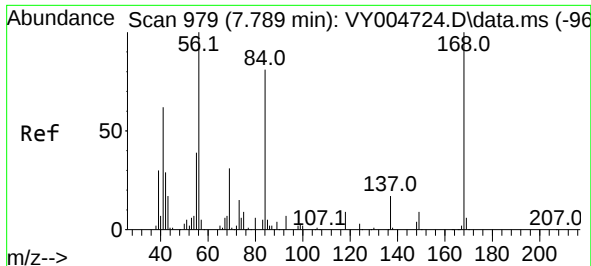
Tgt Ion: 43 Resp: 1841
Ion Ratio Lower Upper
43 100
58 21.2 23.6 35.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY004828.D
Acq: 18 May 2021 15:51

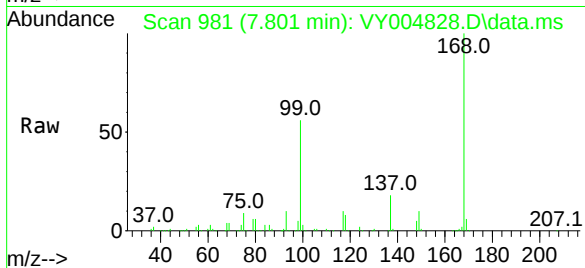
Tgt Ion: 84 Resp: 11232
Ion Ratio Lower Upper
84 100
49 135.4 113.8 170.8
51 42.5 33.5 50.3
86 62.6 51.1 76.7



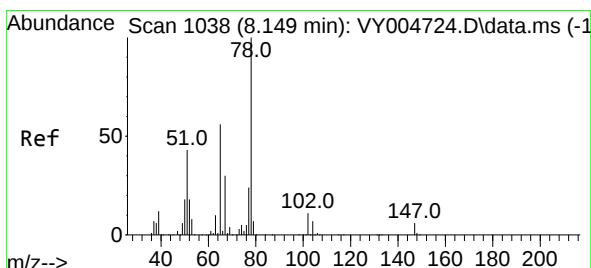
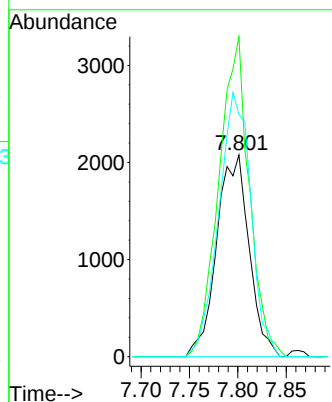
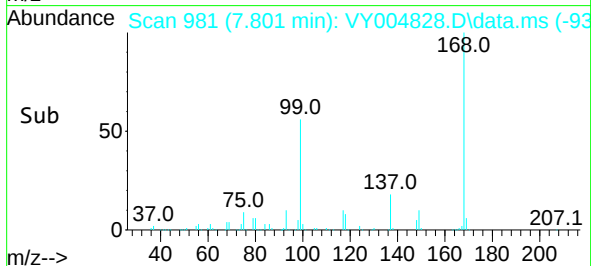


#31
Cyclohexane
Concen: 1.35 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004828.D
Acq: 18 May 2021 15:51

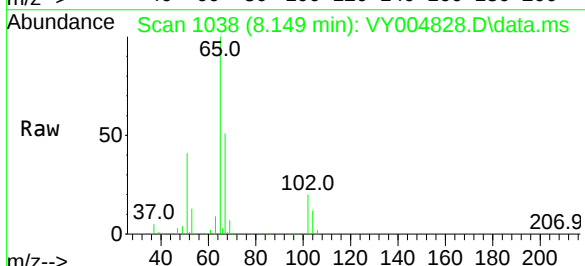
Instrument :
MSVOA_Y
ClientSampled :



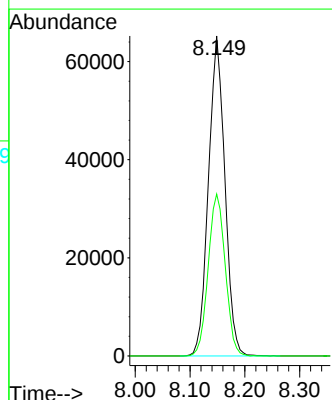
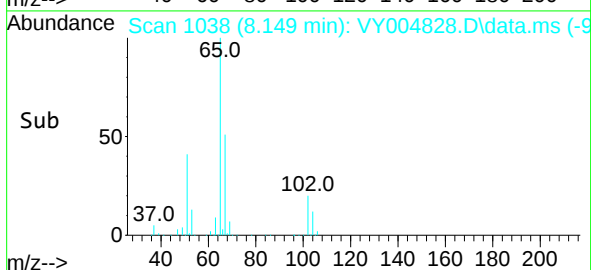
Tgt Ion: 56 Resp: 4842
Ion Ratio Lower Upper
56 100
69 158.6 24.4 36.6#
84 120.1 64.8 97.2#

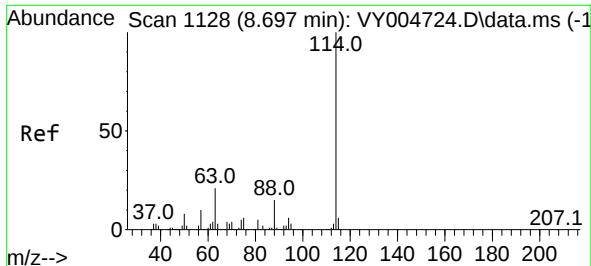


#33
1,2-Dichloroethane-d4
Concen: 61.12 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004828.D
Acq: 18 May 2021 15:51



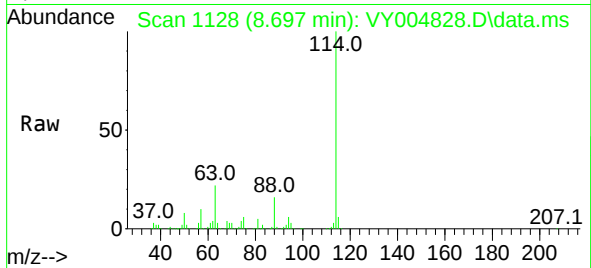
Tgt Ion: 65 Resp: 135365
Ion Ratio Lower Upper
65 100
67 52.5 0.0 108.0



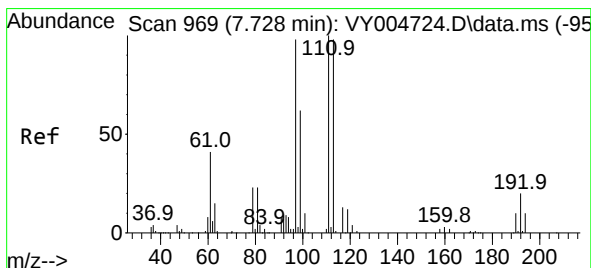
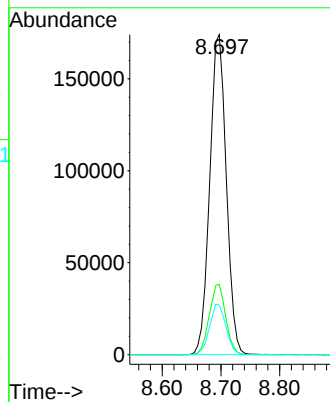
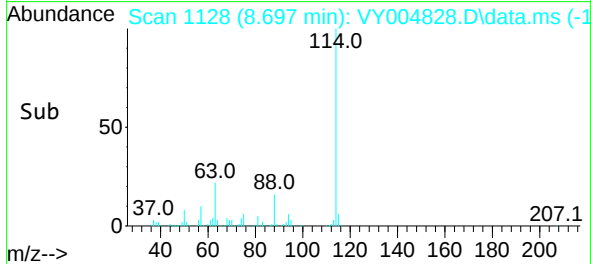


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004828.D
Acq: 18 May 2021 15:51

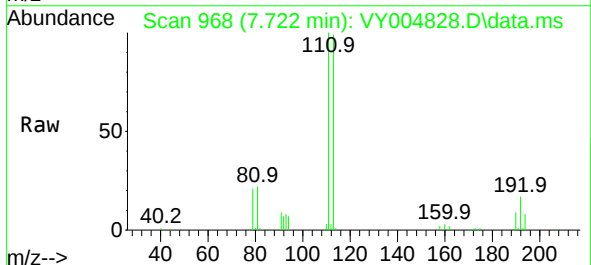
Instrument :
MSVOA_Y
ClientSampleId :



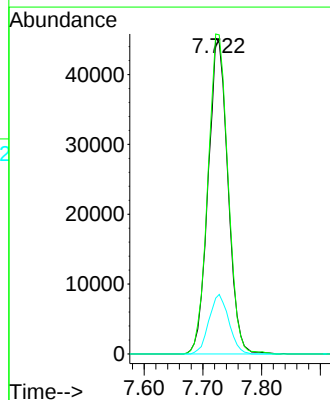
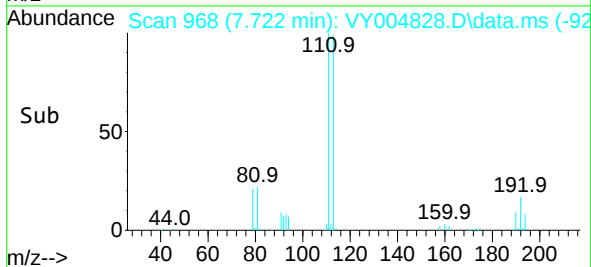
Tgt Ion:114 Resp: 340445
Ion Ratio Lower Upper
114 100
63 22.0 0.0 42.8
88 15.5 0.0 31.0

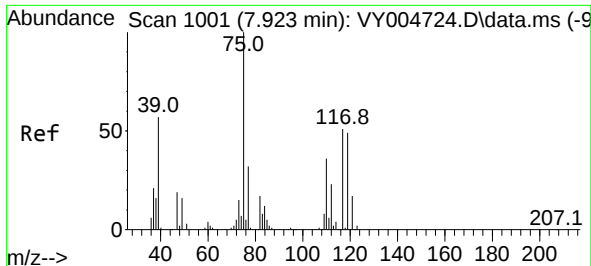


#35
Dibromofluoromethane
Concen: 56.62 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004828.D
Acq: 18 May 2021 15:51



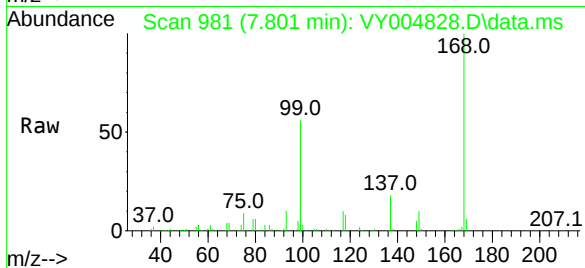
Tgt Ion:113 Resp: 105526
Ion Ratio Lower Upper
113 100
111 103.1 80.5 120.7
192 18.9 15.0 22.6



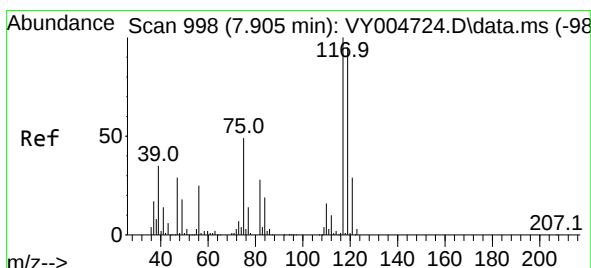
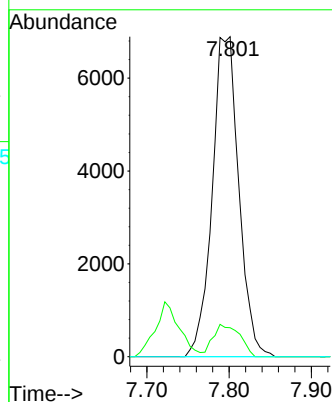
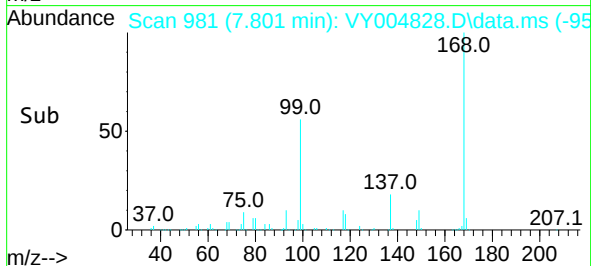


#36
1,1-Dichloropropene
Concen: 4.45 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY004828.D
Acq: 18 May 2021 15:51

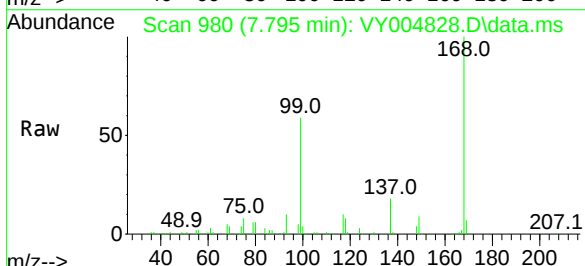
Instrument :
MSVOA_Y
ClientSampled :



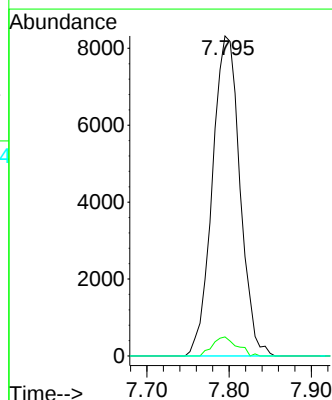
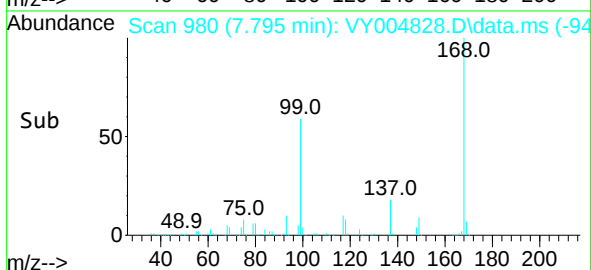
Tgt Ion: 75 Resp: 15530
Ion Ratio Lower Upper
75 100
110 10.2 17.0 50.9#
77 0.0 25.0 37.4#

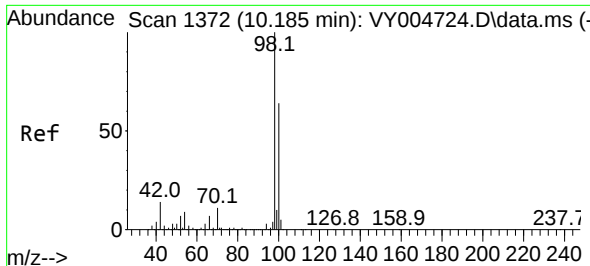


#38
Carbon Tetrachloride
Concen: 6.19 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY004828.D
Acq: 18 May 2021 15:51



Tgt Ion: 117 Resp: 19418
Ion Ratio Lower Upper
117 100
119 6.0 76.3 114.5#
121 0.0 23.0 34.6#

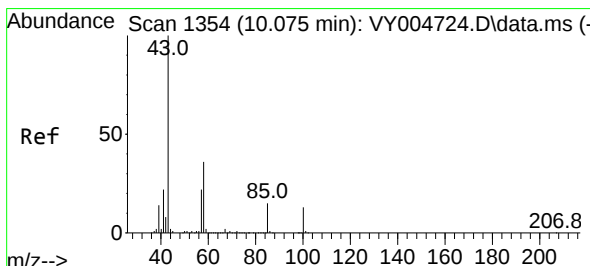
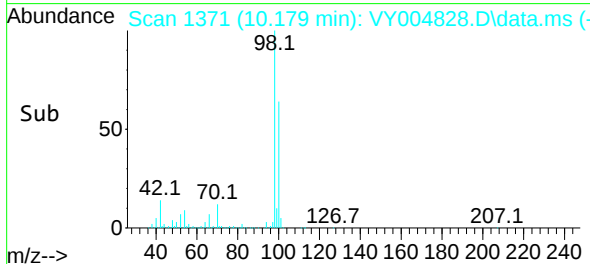
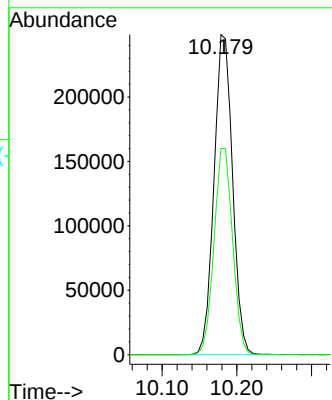
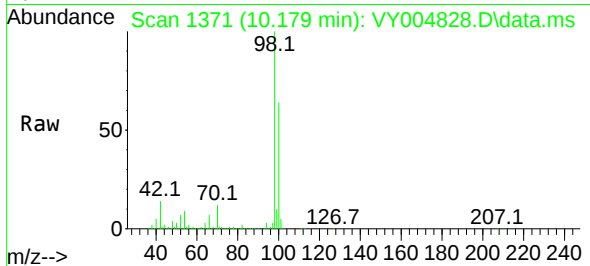




#50
Toluene-d8
Concen: 50.87 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004828.D
Acq: 18 May 2021 15:51

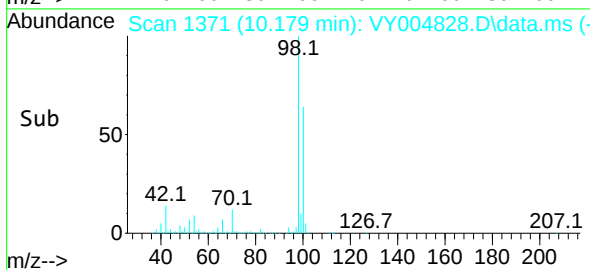
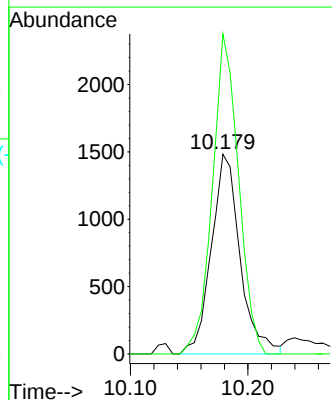
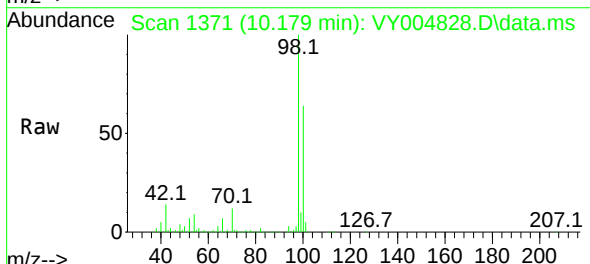
Instrument :
MSVOA_Y
ClientSampled :

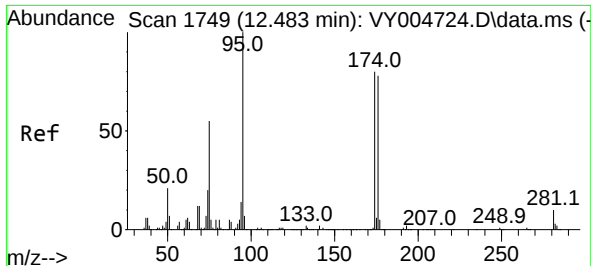
Tgt Ion: 98 Resp: 428272
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 1.06 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY004828.D
Acq: 18 May 2021 15:51

Tgt Ion: 43 Resp: 2524
Ion Ratio Lower Upper
43 100
58 145.6 28.7 43.1#

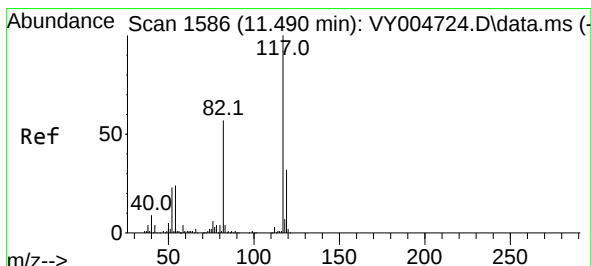
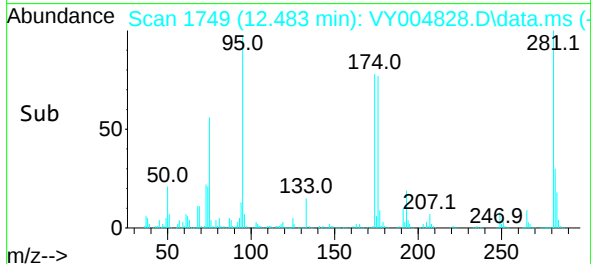
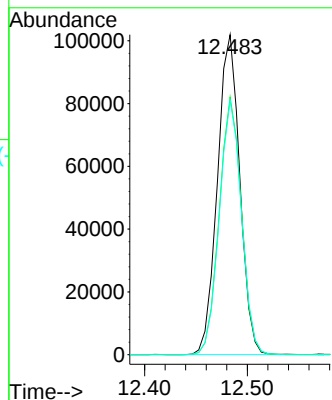
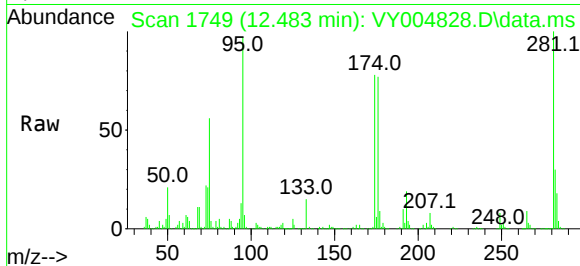




#62
4-Bromofluorobenzene
Concen: 54.14 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004828.D
Acq: 18 May 2021 15:51

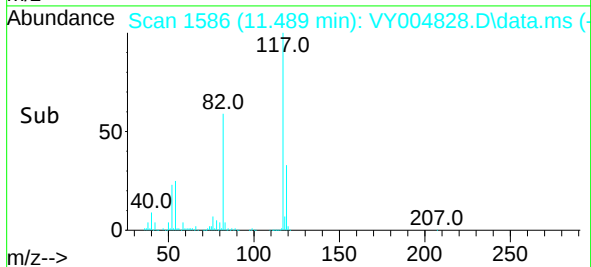
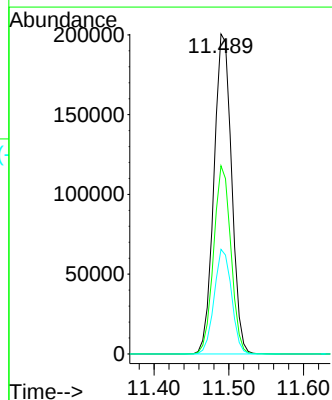
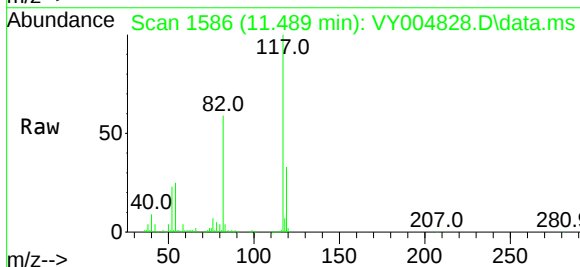
Instrument :
MSVOA_Y
ClientSampleId :

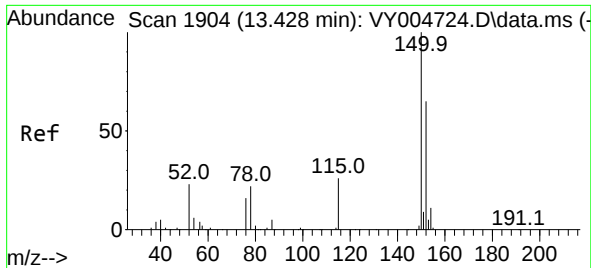
Tgt Ion: 95 Resp: 153845
Ion Ratio Lower Upper
95 100
174 80.0 0.0 164.2
176 78.8 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY004828.D
Acq: 18 May 2021 15:51

Tgt Ion: 117 Resp: 329430
Ion Ratio Lower Upper
117 100
82 58.8 45.4 68.2
119 32.7 25.8 38.6

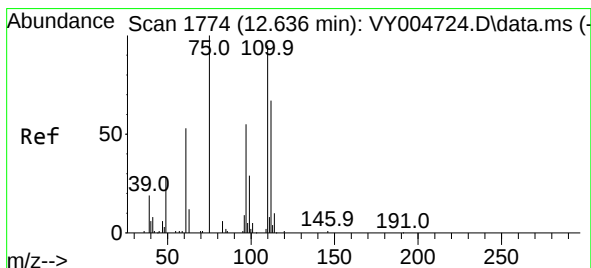
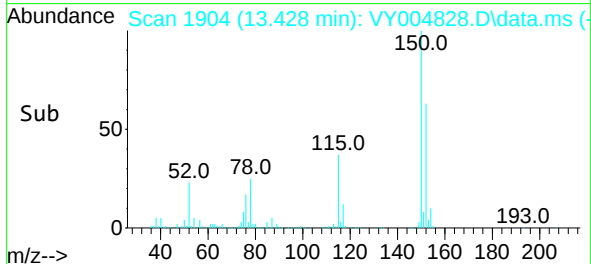
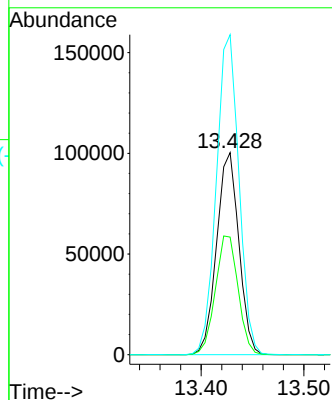
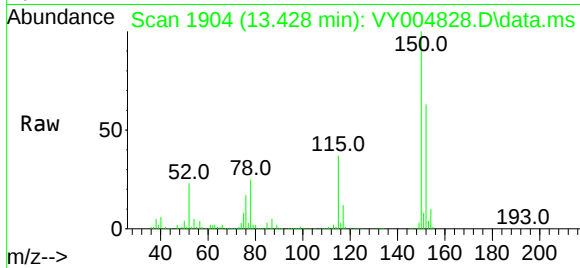




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004828.D
 Acq: 18 May 2021 15:51

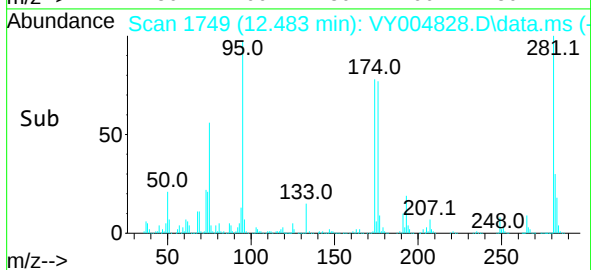
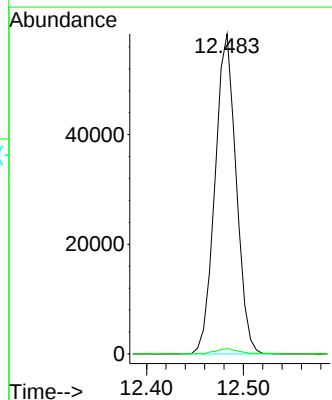
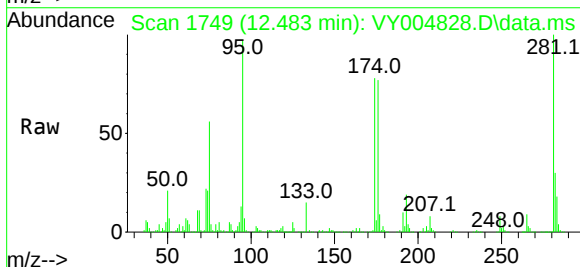
Instrument :
 MSVOA_Y
 ClientSampled :

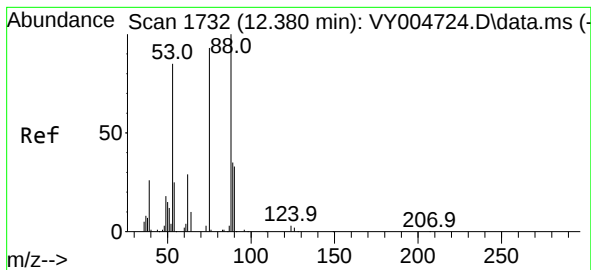
Tgt Ion:152 Resp: 150787
 Ion Ratio Lower Upper
 152 100
 115 60.1 29.4 88.3
 150 160.3 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 55.24 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004828.D
 Acq: 18 May 2021 15:51

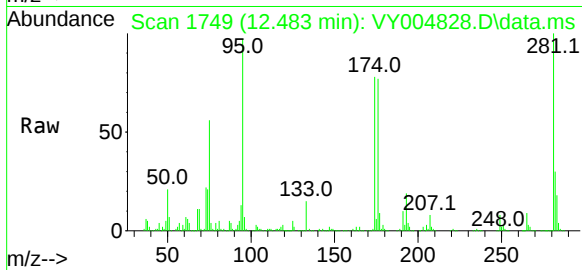
Tgt Ion: 75 Resp: 88470
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.78 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY004828.D
 Acq: 18 May 2021 15:51

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 88470
 Ion Ratio Lower Upper
 75 100
 53 0.1 73.9 110.9#
 89 2.3 35.5 53.3#

