

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050421\
 Data File : VY004717.D
 Acq On : 04 May 2021 15:54
 Operator : SY/MD
 Sample : M2252-04
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 05 01:35:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

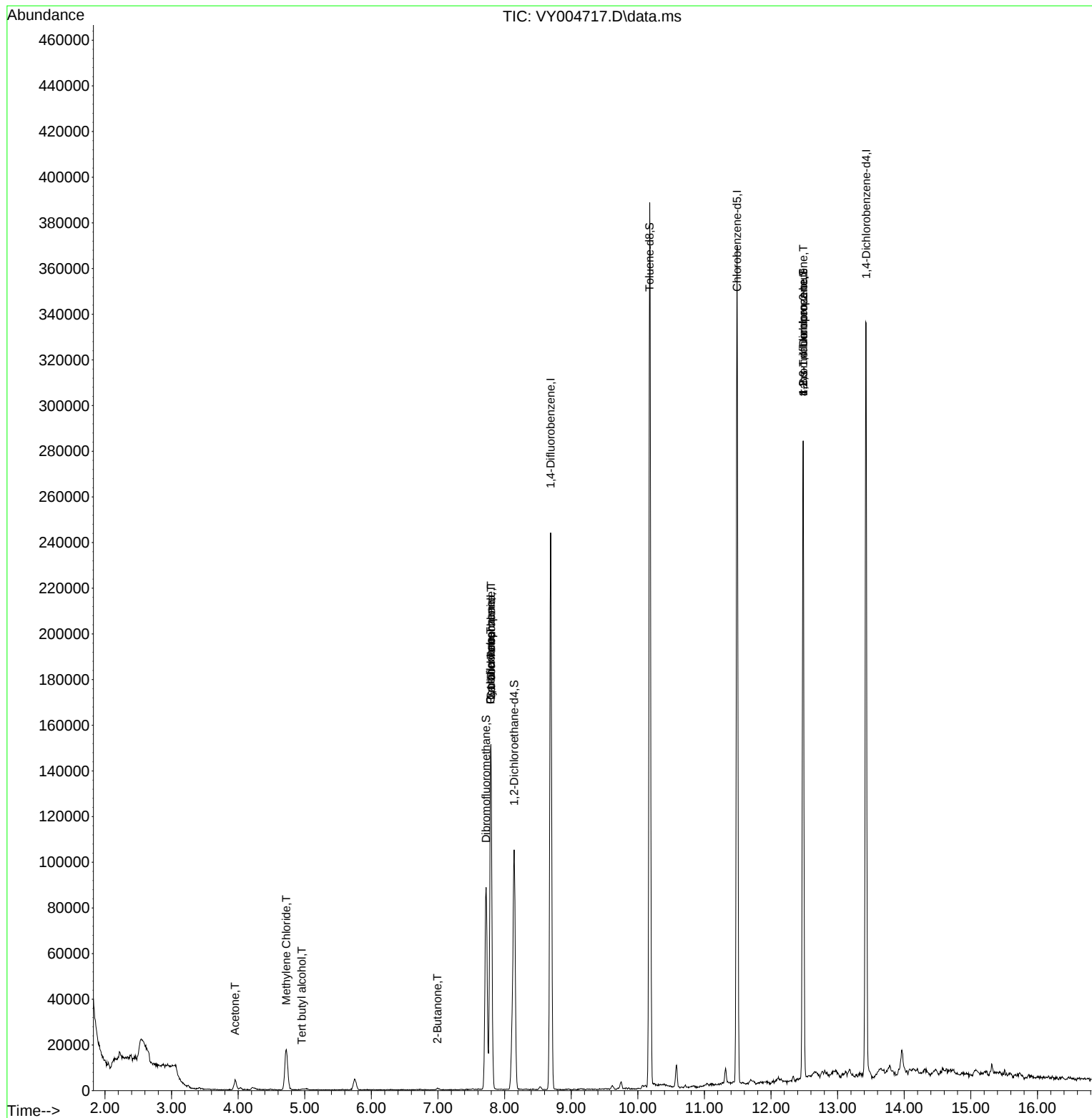
Internal Standards						
1) Pentafluorobenzene	7.789	168	113750	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	196191	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	181996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82050	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	75022	59.36	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.72%			
35) Dibromofluoromethane	7.722	113	60962	55.99	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.98%			
50) Toluene-d8	10.178	98	240294	51.89	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.78%			
62) 4-Bromofluorobenzene	12.483	95	80363	51.14	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.28%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	622	4.99	ug/l #	73
16) Acetone	3.954	43	7321	8.73	ug/l	91
20) Methylene Chloride	4.722	84	12822	10.50	ug/l	93
25) 2-Butanone	6.990	43	1383	2.87	ug/l	93
31) Cyclohexane	7.789	56	2849	1.23	ug/l #	32
36) 1,1-Dichloropropene	7.795	75	10015	5.14	ug/l #	50
38) Carbon Tetrachloride	7.795	117	11742	6.97	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	45189	51.31	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45189	91.80	ug/l #	12

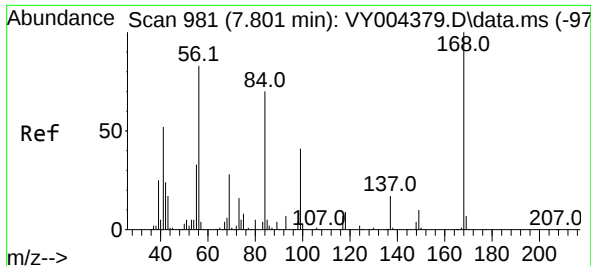
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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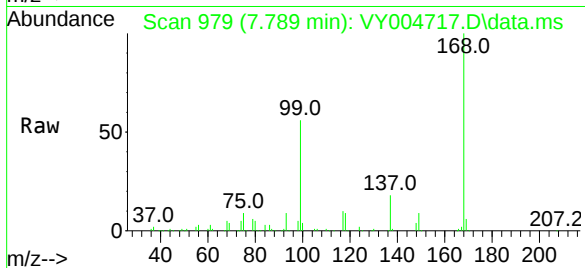
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



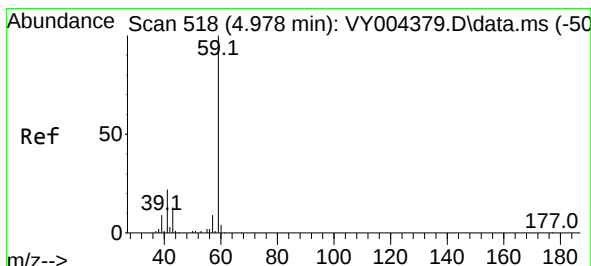
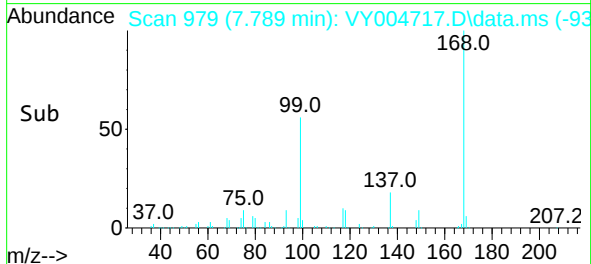
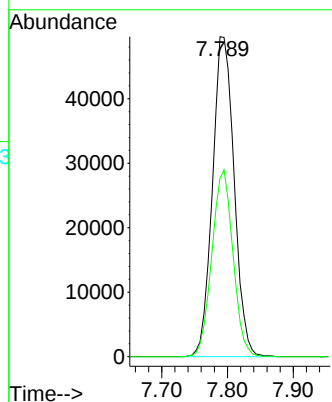


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.012 min
Lab File: VY004717.D
Acq: 04 May 2021 15:54

Instrument :
MSVOA_Y
ClientSampled :

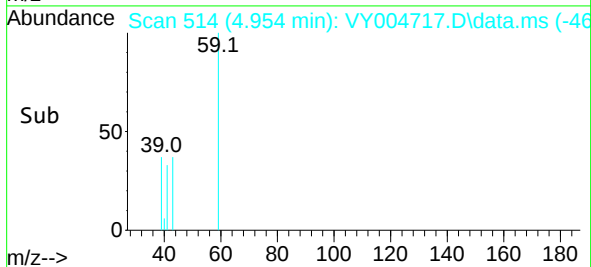
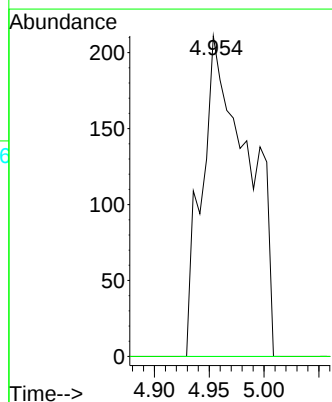
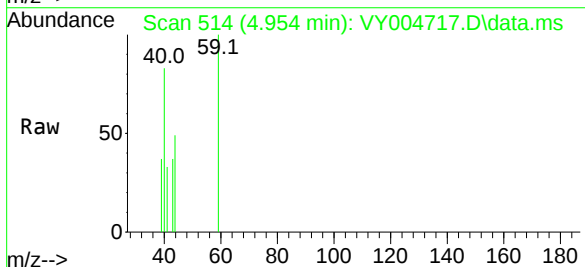


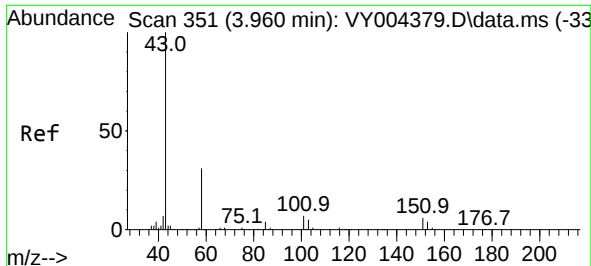
Tgt Ion:168 Resp: 113750
Ion Ratio Lower Upper
168 100
99 55.8 45.5 68.3



#11
Tert butyl alcohol
Concen: 4.99 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.025 min
Lab File: VY004717.D
Acq: 04 May 2021 15:54

Tgt Ion: 59 Resp: 622
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

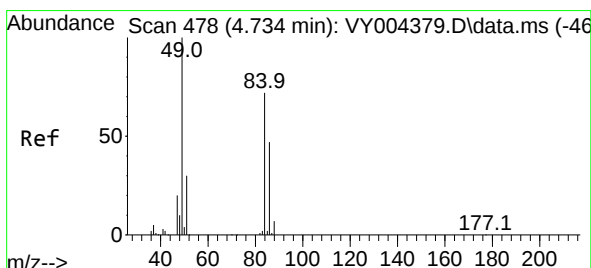
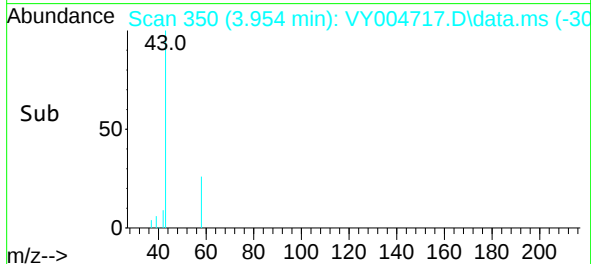
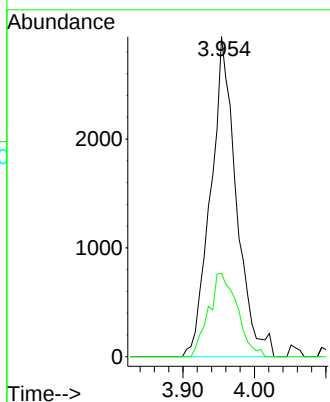
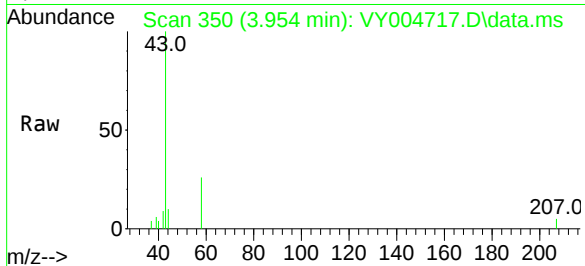




#16
Acetone
Concen: 8.73 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004717.D
Acq: 04 May 2021 15:54

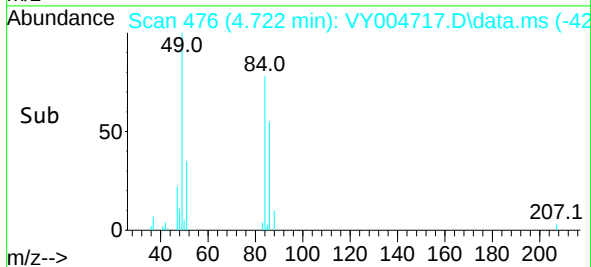
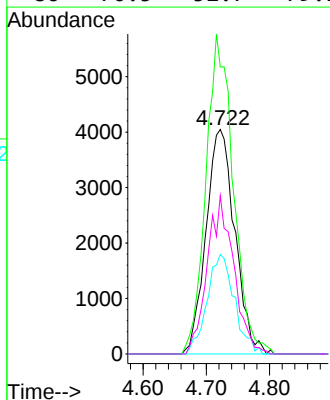
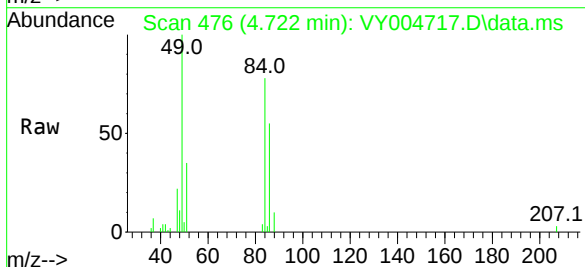
Instrument :
MSVOA_Y
ClientSampleId :

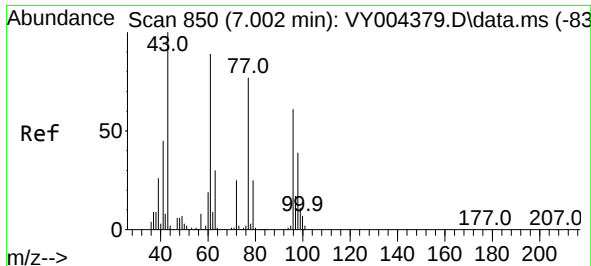
Tgt Ion: 43 Resp: 7321
Ion Ratio Lower Upper
43 100
58 26.1 24.6 37.0



#20
Methylene Chloride
Concen: 10.50 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY004717.D
Acq: 04 May 2021 15:54

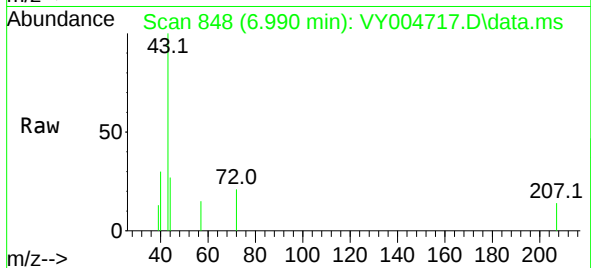
Tgt Ion: 84 Resp: 12822
Ion Ratio Lower Upper
84 100
49 127.9 111.2 166.8
51 44.4 33.4 50.2
86 70.5 52.7 79.1



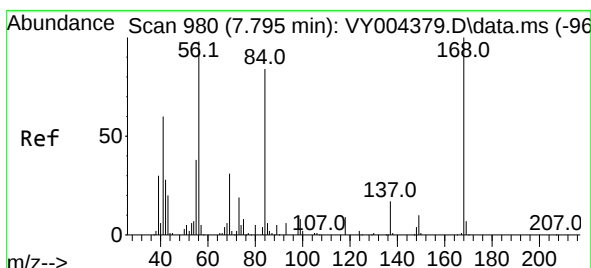
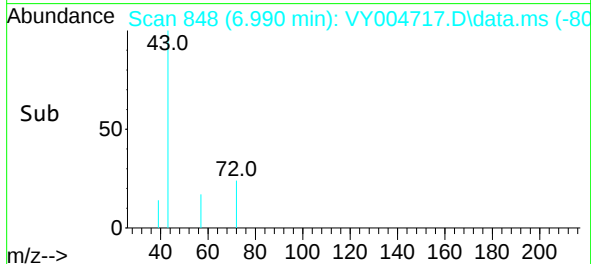
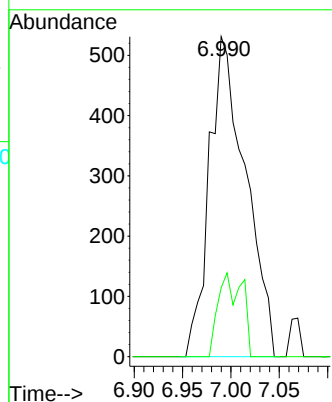


#25
2-Butanone
Concen: 2.87 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY004717.D
Acq: 04 May 2021 15:54

Instrument :
MSVOA_Y
ClientSampled :

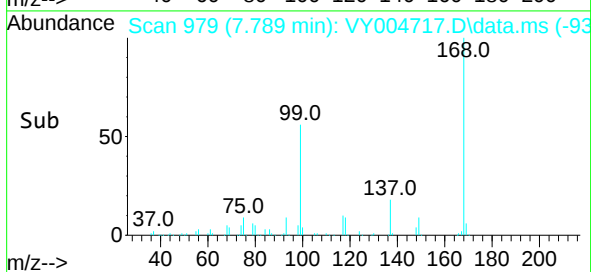
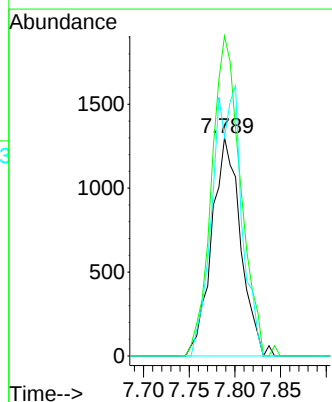
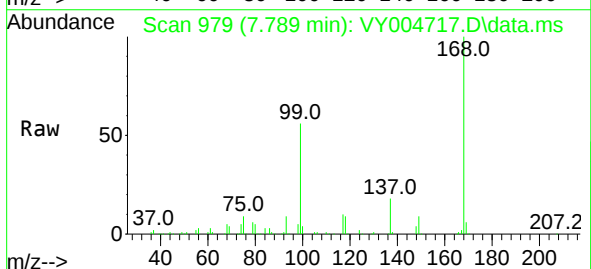


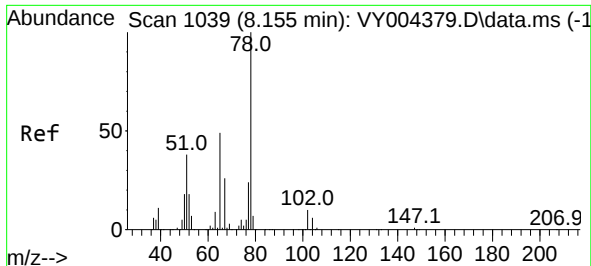
Tgt Ion: 43 Resp: 1383
Ion Ratio Lower Upper
43 100
72 21.5 20.2 30.2



#31
Cyclohexane
Concen: 1.23 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY004717.D
Acq: 04 May 2021 15:54

Tgt Ion: 56 Resp: 2849
Ion Ratio Lower Upper
56 100
69 146.5 25.8 38.6#
84 100.2 68.2 102.4

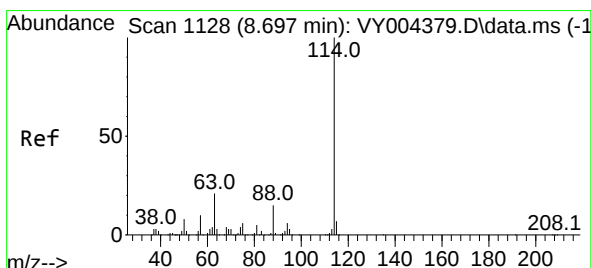
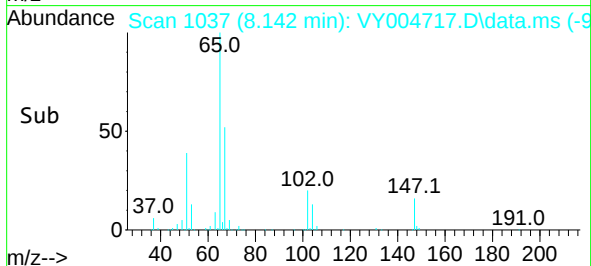
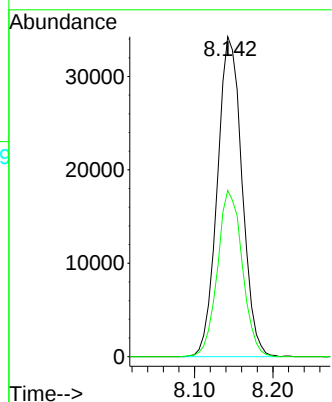
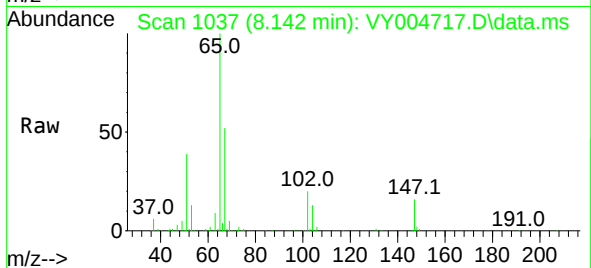




#33
1,2-Dichloroethane-d4
Concen: 59.36 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY004717.D
Acq: 04 May 2021 15:54

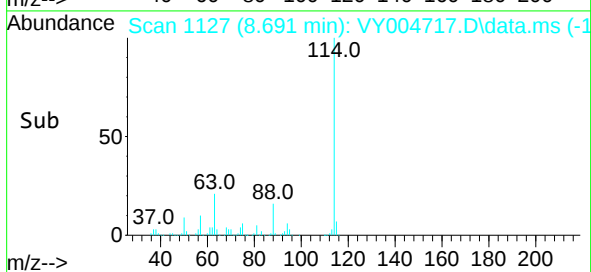
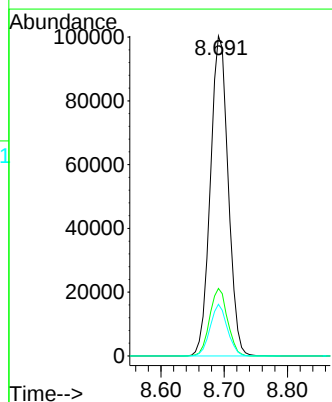
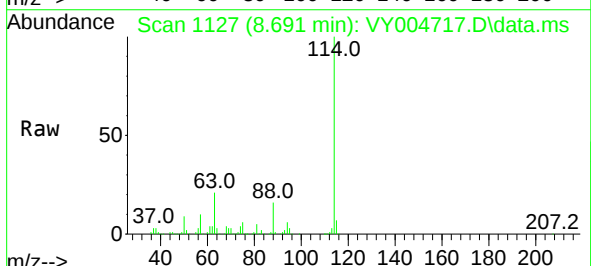
Instrument :
MSVOA_Y
ClientSampled :

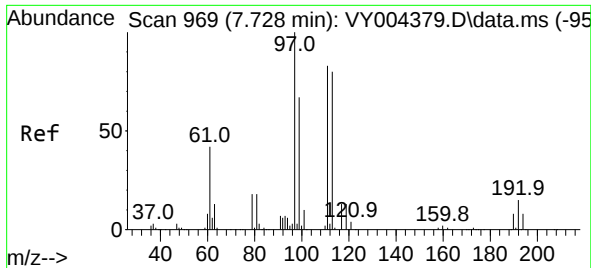
Tgt Ion: 65 Resp: 75022
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004717.D
Acq: 04 May 2021 15:54

Tgt Ion: 114 Resp: 196191
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.4
88 16.1 0.0 30.8

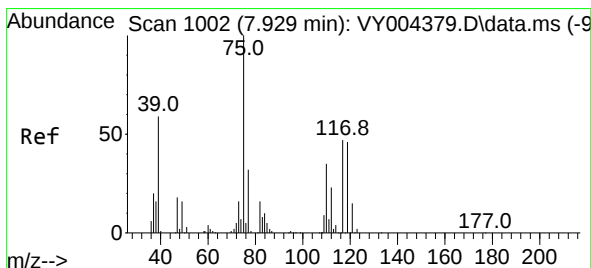
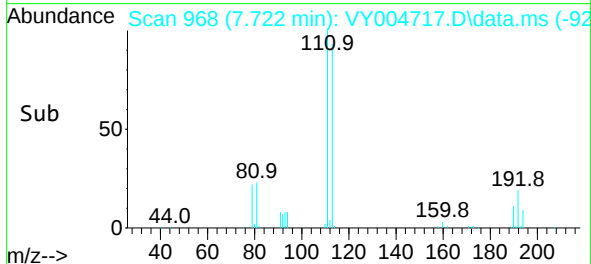
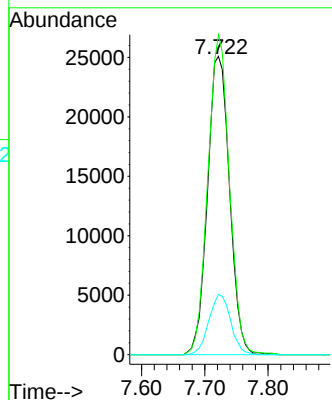
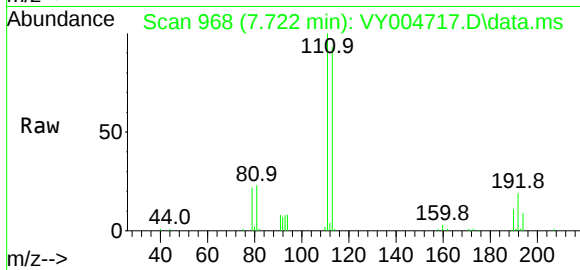




#35
Dibromofluoromethane
Concen: 55.99 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004717.D
Acq: 04 May 2021 15:54

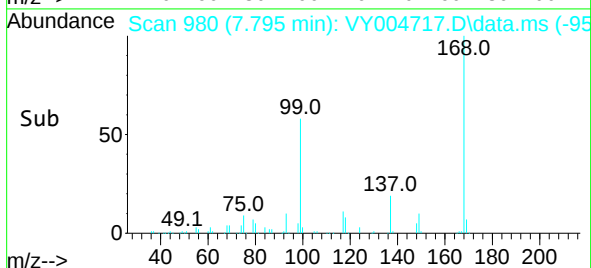
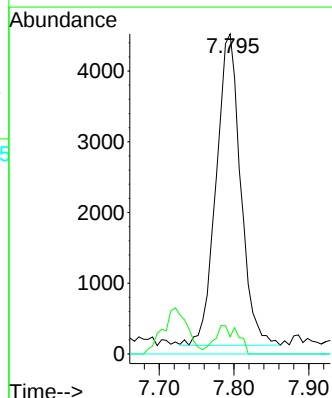
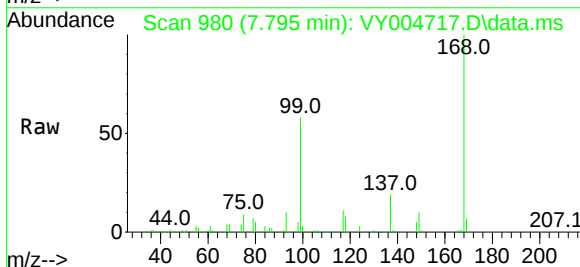
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	113	Resp:	60962
Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.6	123.8
192	19.9	16.1	24.1



#36
1,1-Dichloropropene
Concen: 5.14 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004717.D
Acq: 04 May 2021 15:54

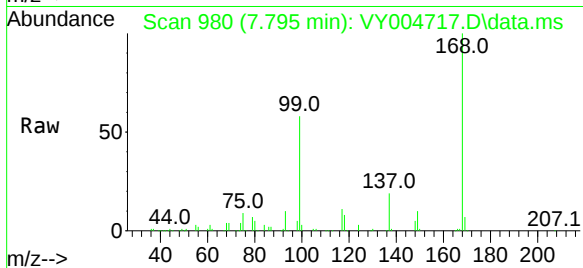
Tgt Ion:	75	Resp:	10015
Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.3	51.7#
77	0.0	24.3	36.5#



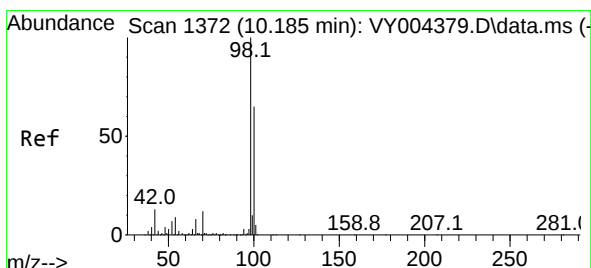
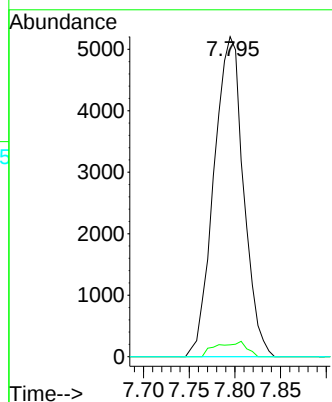
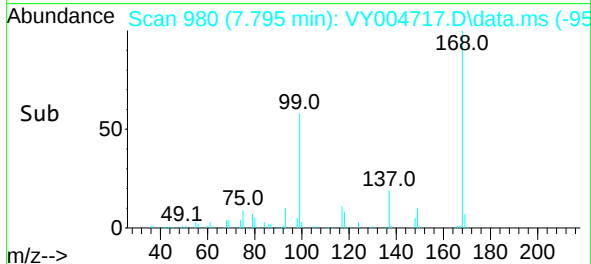


#38
Carbon Tetrachloride
Concen: 6.97 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004717.D
Acq: 04 May 2021 15:54

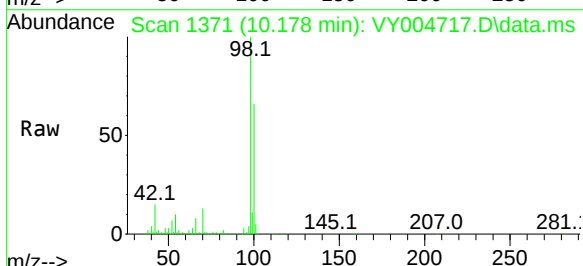
Instrument :
MSVOA_Y
ClientSampled :



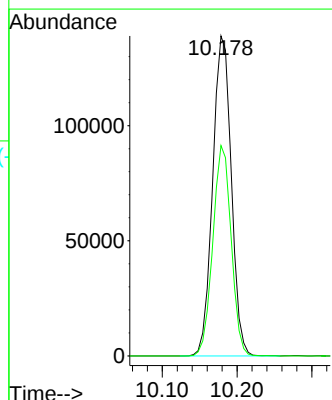
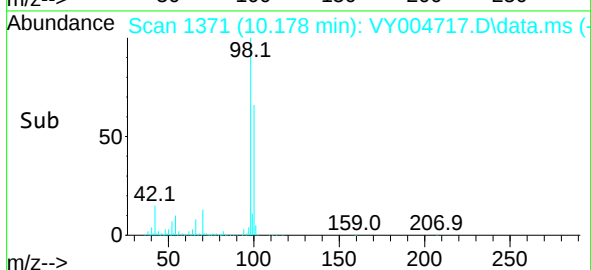
Tgt Ion:117 Resp: 11742
Ion Ratio Lower Upper
117 100
119 3.7 75.8 113.8#
121 0.0 25.3 37.9#

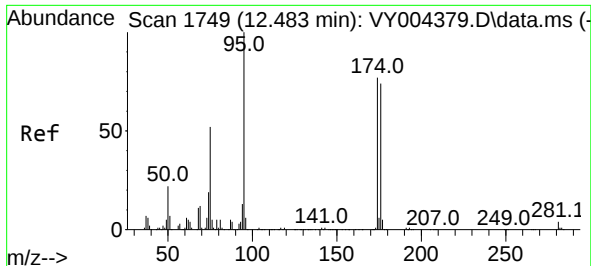


#50
Toluene-d8
Concen: 51.89 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004717.D
Acq: 04 May 2021 15:54



Tgt Ion: 98 Resp: 240294
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6

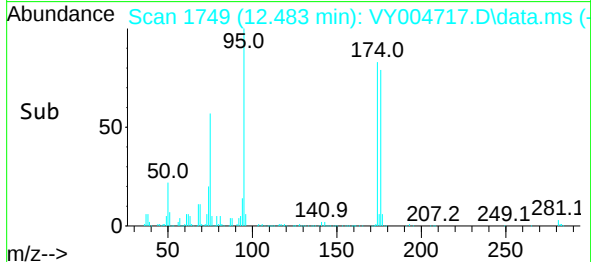
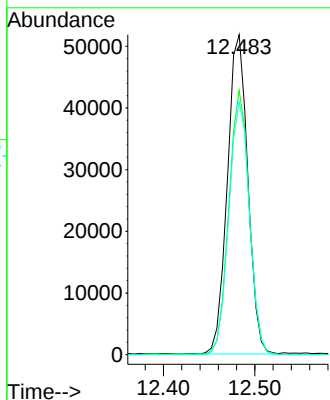
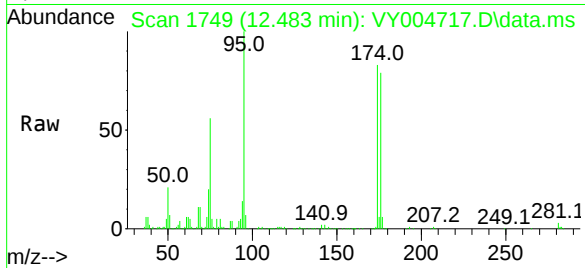




#62
4-Bromofluorobenzene
Concen: 51.14 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004717.D
Acq: 04 May 2021 15:54

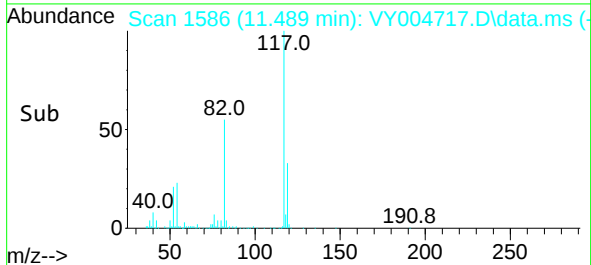
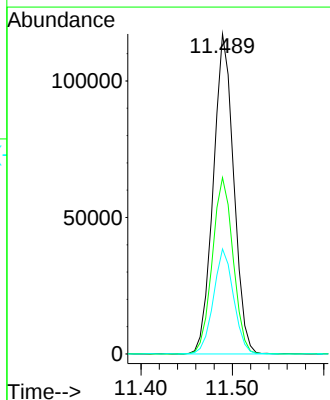
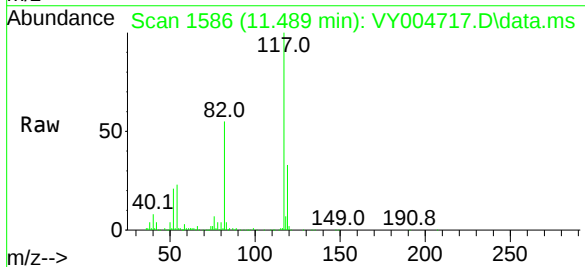
Instrument :
MSVOA_Y
ClientSampled :

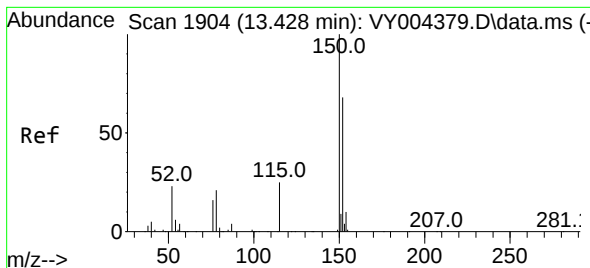
Tgt Ion: 95 Resp: 80363
Ion Ratio Lower Upper
95 100
174 82.7 0.0 162.4
176 79.8 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004717.D
Acq: 04 May 2021 15:54

Tgt Ion: 117 Resp: 181996
Ion Ratio Lower Upper
117 100
82 55.1 44.9 67.3
119 32.8 25.4 38.0

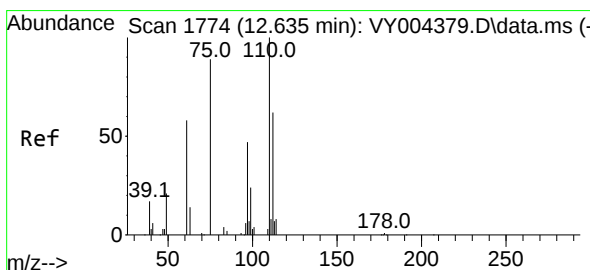
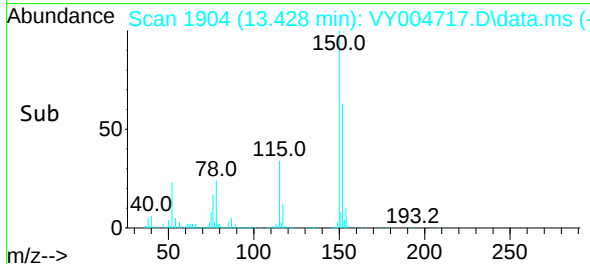
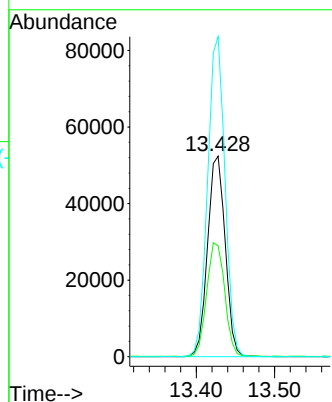
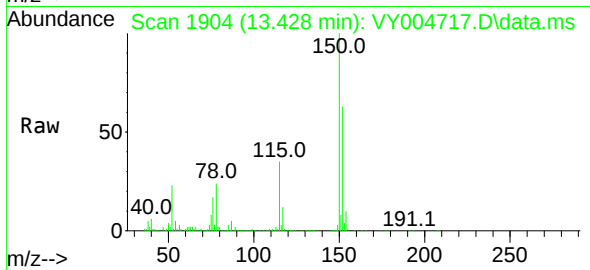




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004717.D
Acq: 04 May 2021 15:54

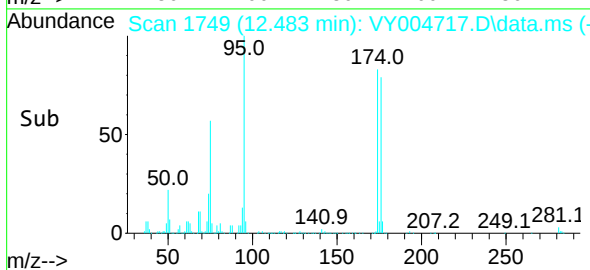
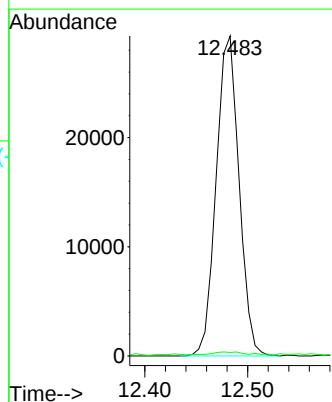
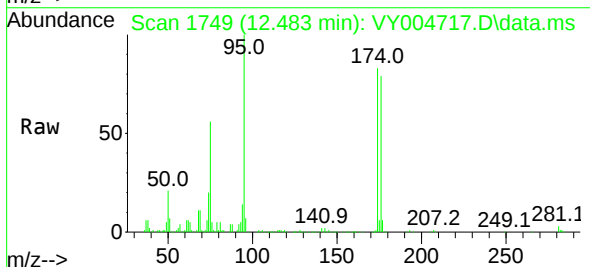
Instrument :
MSVOA_Y
ClientSampled :

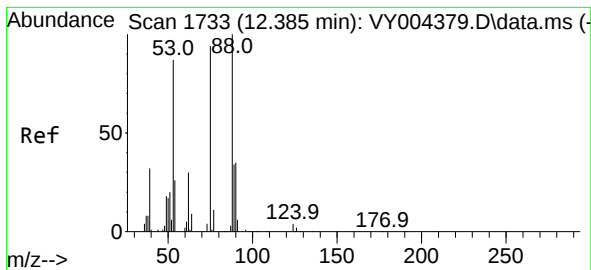
Tgt Ion:152 Resp: 82050
Ion Ratio Lower Upper
152 100
115 58.2 29.6 88.8
150 156.2 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 51.31 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004717.D
Acq: 04 May 2021 15:54

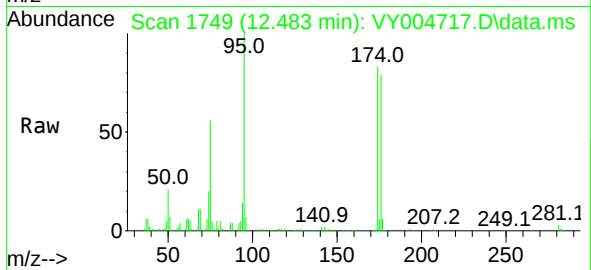
Tgt Ion: 75 Resp: 45189
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.80 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.097 min
 Lab File: VY004717.D
 Acq: 04 May 2021 15:54

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 45189
 Ion Ratio Lower Upper
 75 100
 53 0.6 75.0 112.6#
 89 0.0 36.1 54.1#

