

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102422\
 Data File : VY011071.D
 Acq On : 24 Oct 2022 15:59
 Operator : KP/MD
 Sample : N5254-13
 Misc : 5.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-5-102122

Quant Time: Oct 25 05:46:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	243076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	413896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	342528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	140462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	148271	66.219	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 132.440%			
35) Dibromofluoromethane	7.716	113	151467	66.356	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 132.720%			
50) Toluene-d8	10.179	98	514847	59.574	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 119.140%			
62) 4-Bromofluorobenzene	12.477	95	156643	51.245	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.500%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	143	Below Cal	#	77
16) Acetone	3.942	43	71201	109.502	ug/l #	84
18) Methyl Acetate	4.472	43	240	Below Cal	#	56
20) Methylene Chloride	4.710	84	13827	Below Cal	#	82
25) 2-Butanone	6.990	43	23092	23.418	ug/l #	85
31) Cyclohexane	7.783	56	4526	1.056	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	17650	4.581	ug/l #	51
37) Ethyl Acetate	6.990	43	23092	10.825	ug/l #	72
38) Carbon Tetrachloride	7.783	117	24457	6.149	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.776	63	30	16.979	ug/l #	48
76) 1,2,3-Trichloropropane	12.477	75	77271	48.455	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	77271	104.213	ug/l #	7

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

Quant Time: Oct 25 05:46:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 18 01:42:42 2022
Response via : Initial Calibration

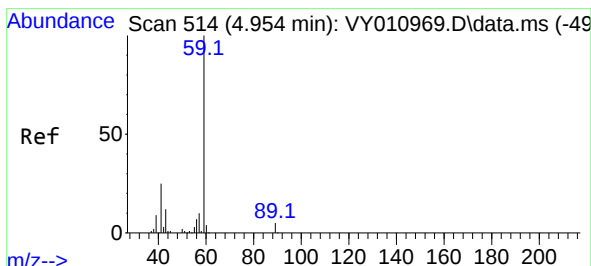
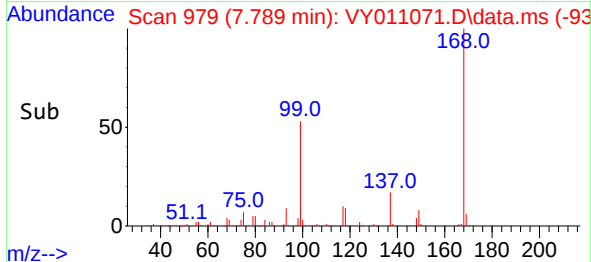
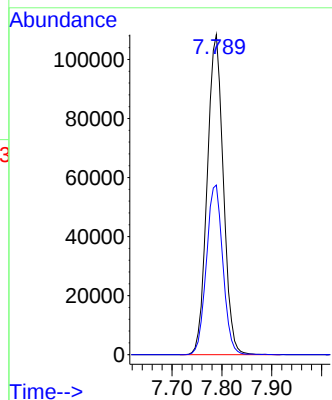
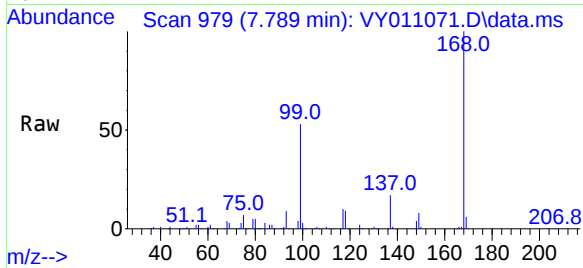




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011071.D
Acq: 24 Oct 2022 15:59

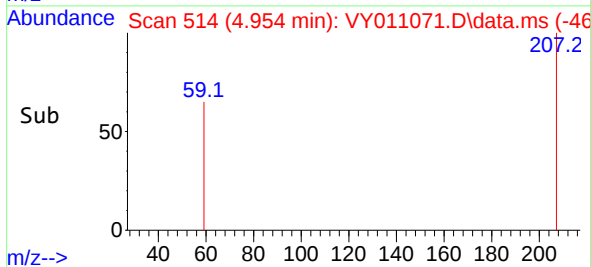
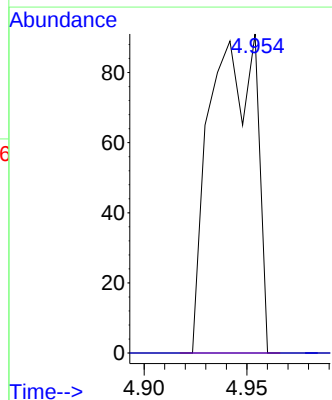
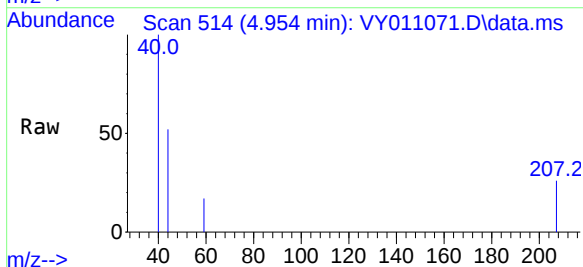
Instrument :
MSVOA_Y
ClientSampleId :
WC-5-102122

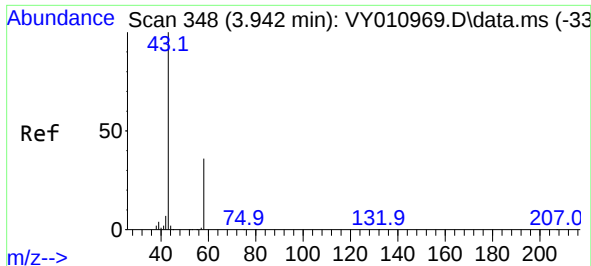
Tgt Ion:168 Resp: 243076
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY011071.D
Acq: 24 Oct 2022 15:59

Tgt Ion: 59 Resp: 143
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

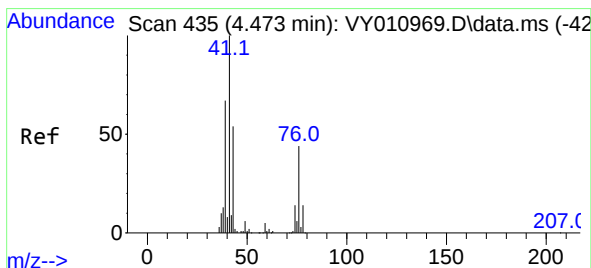
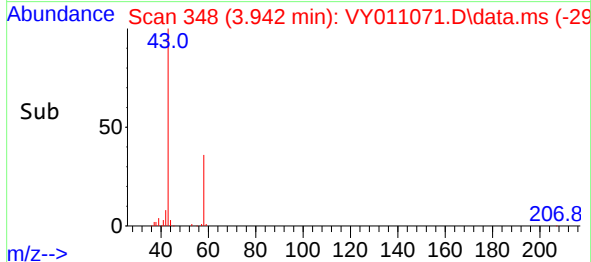
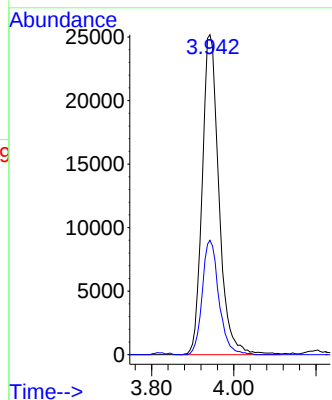
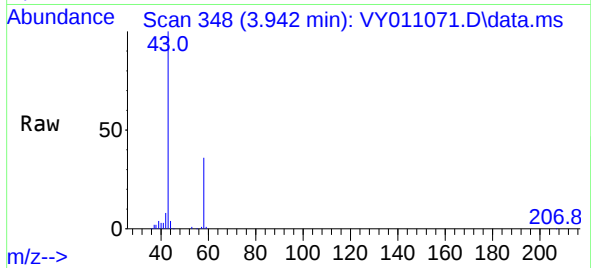




#16
Acetone
Concen: 109.502 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY011071.D
Acq: 24 Oct 2022 15:59

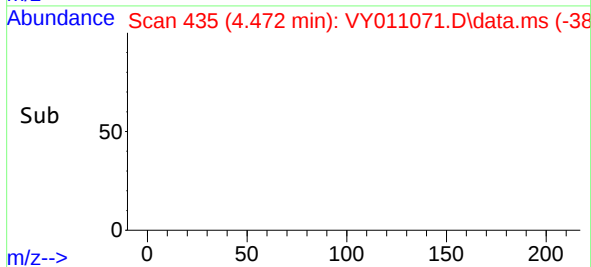
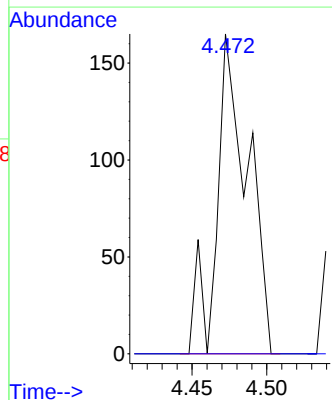
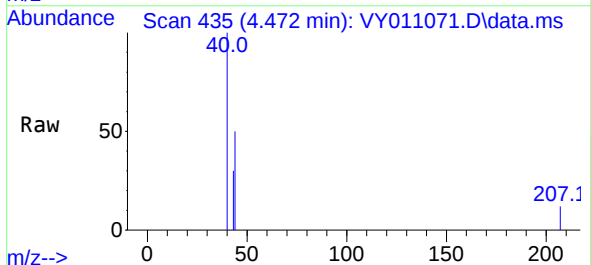
Instrument :
MSVOA_Y
ClientSampleId :
WC-5-102122

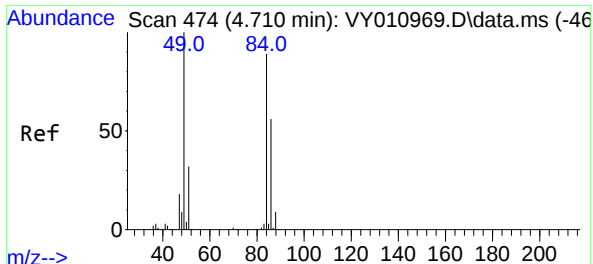
Tgt Ion: 43 Resp: 71201
Ion Ratio Lower Upper
43 100
58 35.8 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY011071.D
Acq: 24 Oct 2022 15:59

Tgt Ion: 43 Resp: 240
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

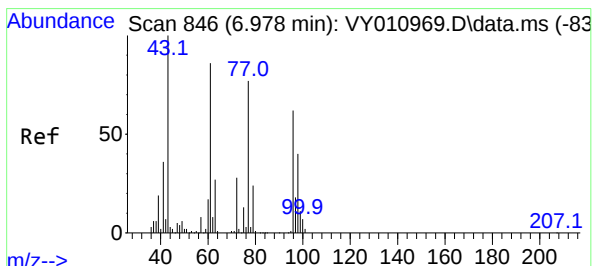
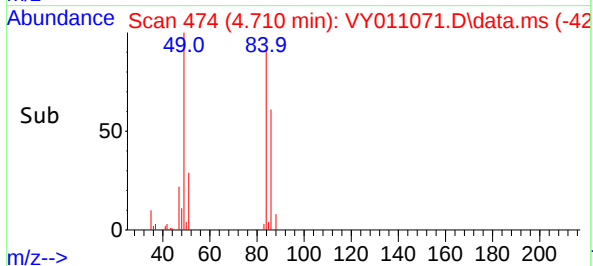
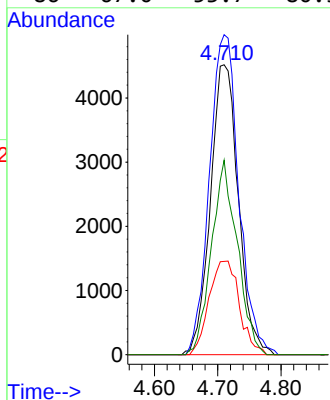
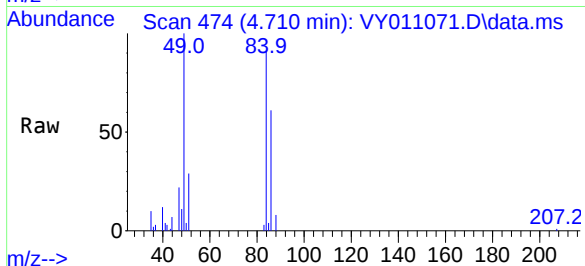




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011071.D
Acq: 24 Oct 2022 15:59

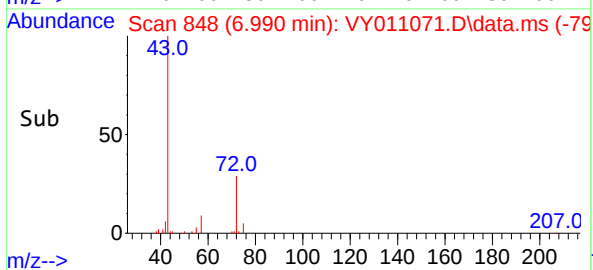
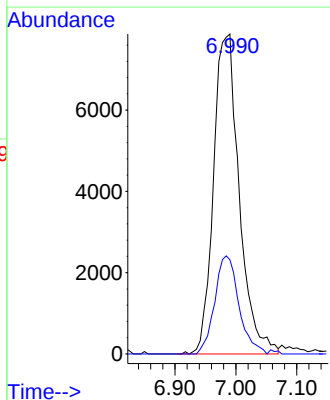
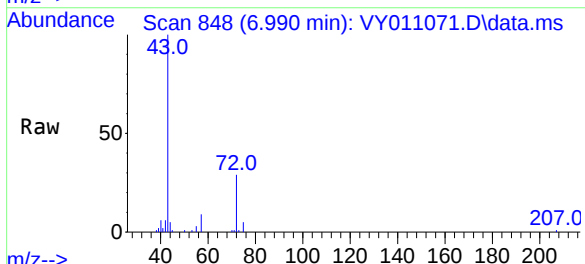
Instrument :
MSVOA_Y
ClientSampleId :
WC-5-102122

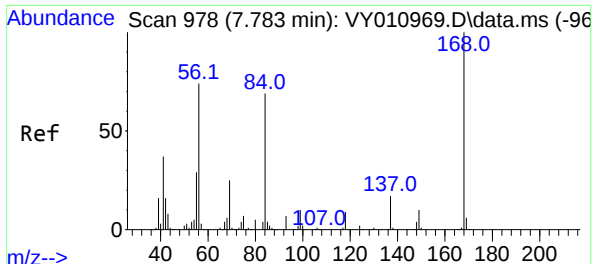
Tgt Ion: 84 Resp: 13827
Ion Ratio Lower Upper
84 100
49 110.4 114.4 171.6#
51 32.2 35.3 52.9#
86 67.0 53.7 80.5



#25
2-Butanone
Concen: 23.418 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY011071.D
Acq: 24 Oct 2022 15:59

Tgt Ion: 43 Resp: 23092
Ion Ratio Lower Upper
43 100
72 29.5 17.7 26.5#

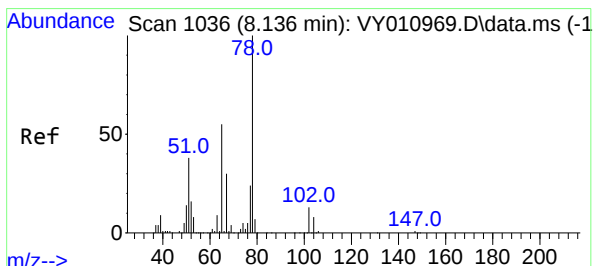
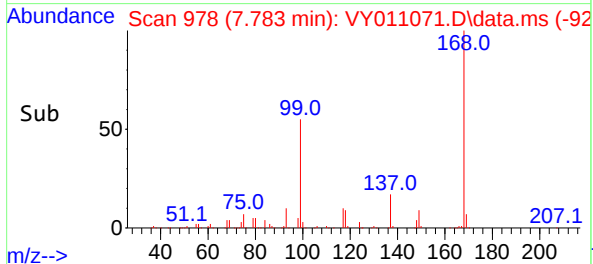
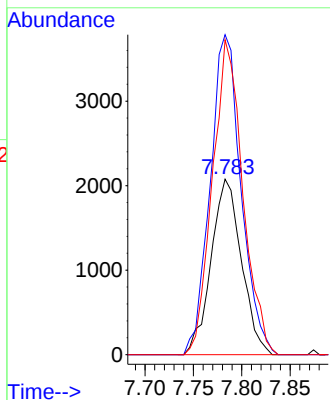
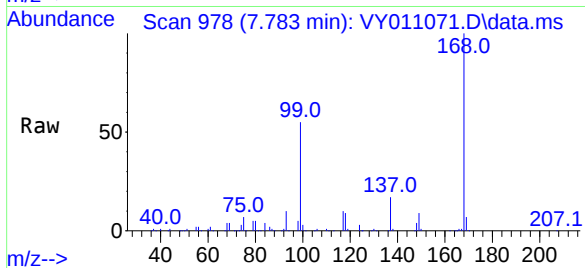




#31
Cyclohexane
Concen: 1.056 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011071.D
Acq: 24 Oct 2022 15:59

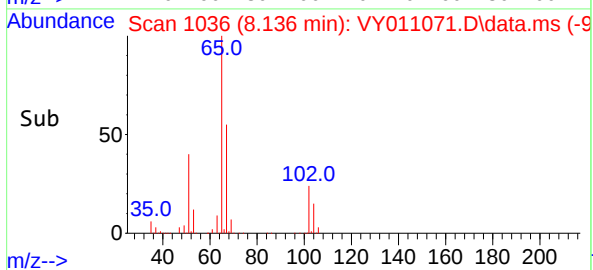
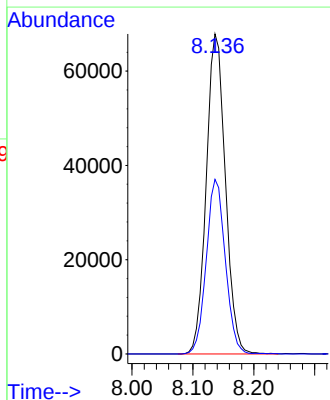
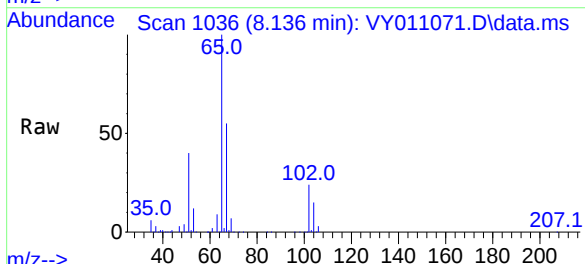
Instrument :
MSVOA_Y
ClientSampleId :
WC-5-102122

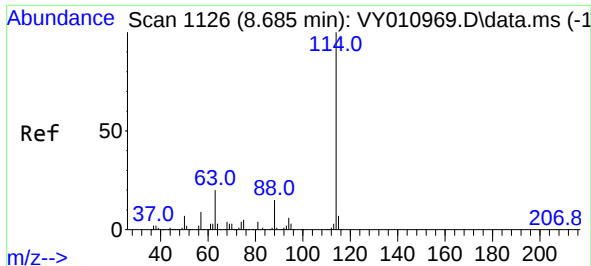
Tgt Ion: 56 Resp: 4526
Ion Ratio Lower Upper
56 100
69 182.2 26.7 40.1#
84 179.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 66.219 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011071.D
Acq: 24 Oct 2022 15:59

Tgt Ion: 65 Resp: 148271
Ion Ratio Lower Upper
65 100
67 54.2 0.0 99.4



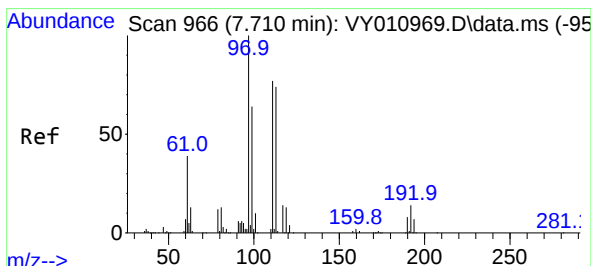
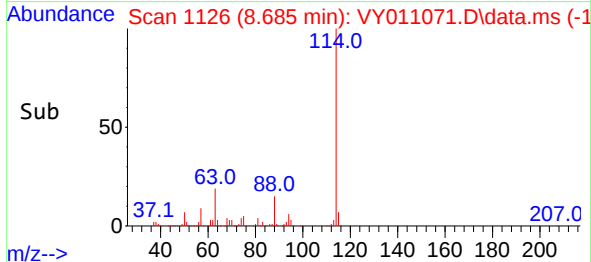
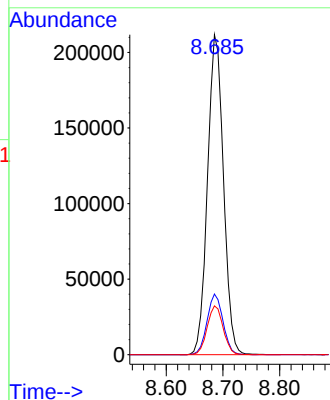
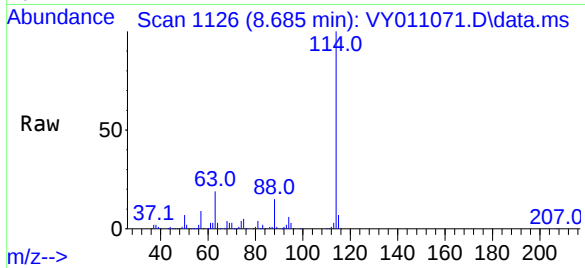


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011071.D
Acq: 24 Oct 2022 15:59

Instrument :
MSVOA_Y
ClientSampleId :
WC-5-102122

Tgt Ion:114 Resp: 413896

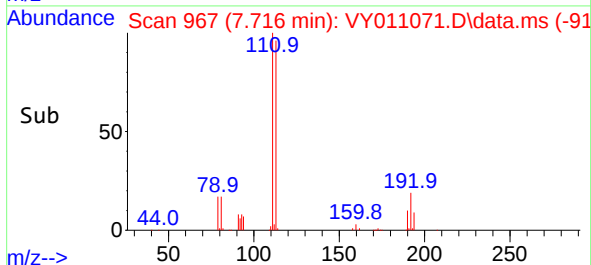
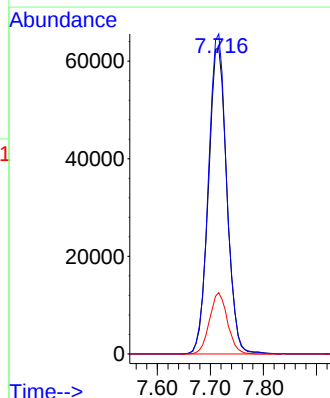
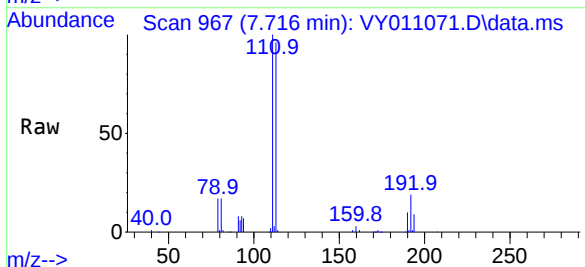
Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	43.2
88	15.3	0.0	31.8

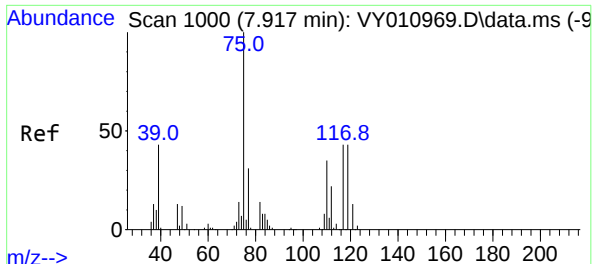


#35
Dibromofluoromethane
Concen: 66.356 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011071.D
Acq: 24 Oct 2022 15:59

Tgt Ion:113 Resp: 151467

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	124.0
192	19.4	17.6	26.4

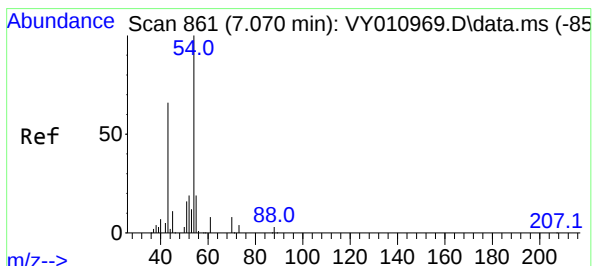
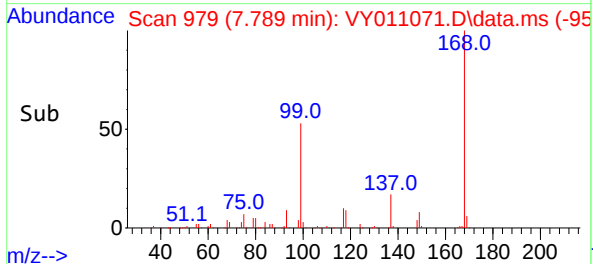
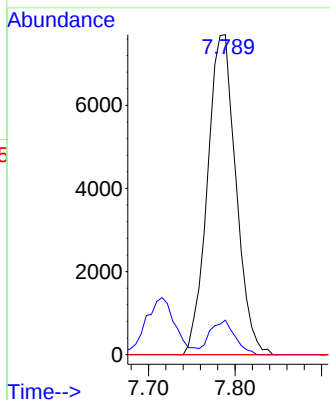
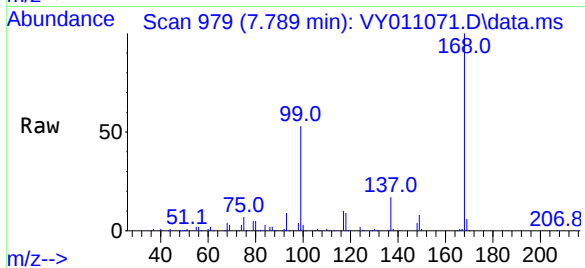




#36
1,1-Dichloropropene
Concen: 4.581 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY011071.D
Acq: 24 Oct 2022 15:59

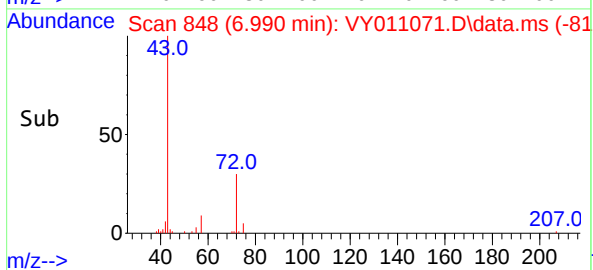
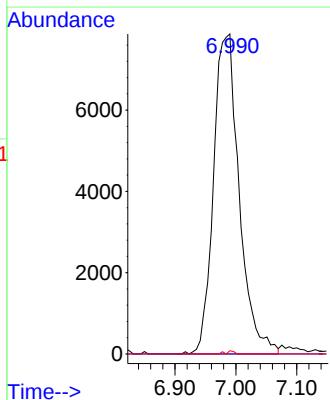
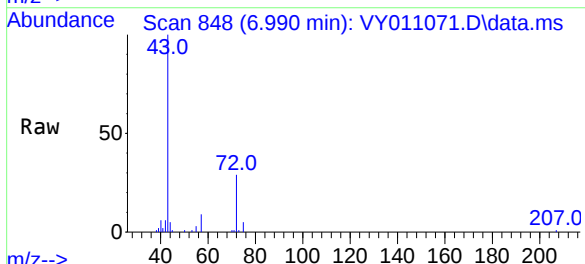
Instrument :
MSVOA_Y
ClientSampleId :
WC-5-102122

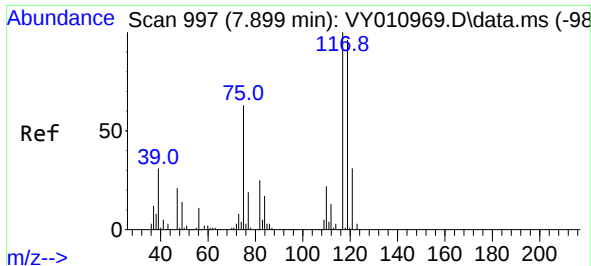
Tgt Ion: 75 Resp: 17650
Ion Ratio Lower Upper
75 100
110 9.3 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 10.825 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.080 min
Lab File: VY011071.D
Acq: 24 Oct 2022 15:59

Tgt Ion: 43 Resp: 23092
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 0.3 7.1 10.7#

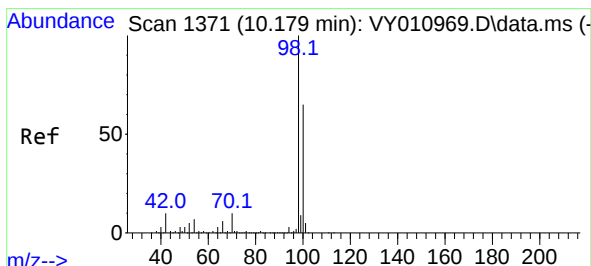
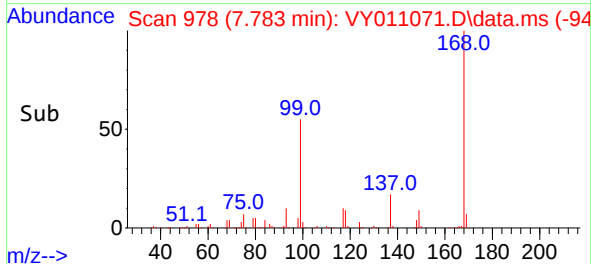
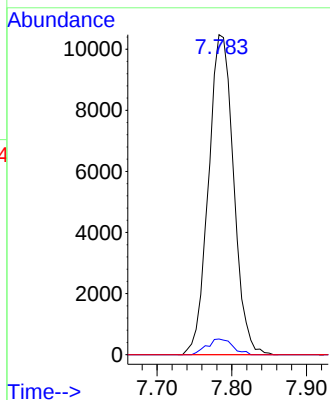
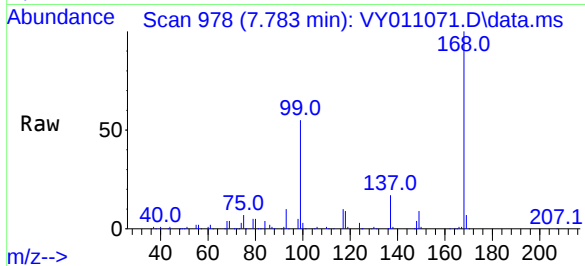




#38
Carbon Tetrachloride
Concen: 6.149 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011071.D
Acq: 24 Oct 2022 15:59

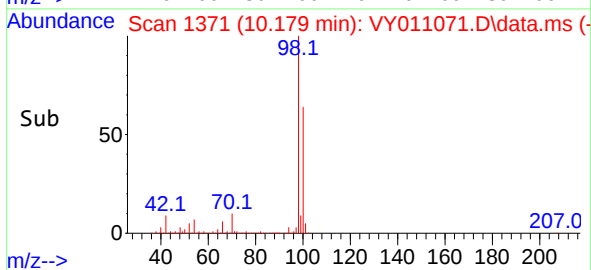
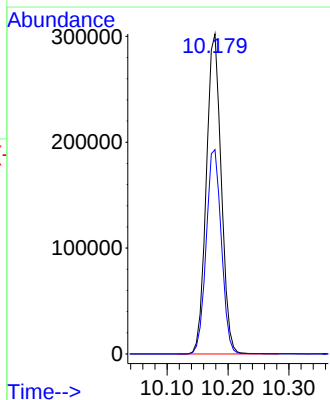
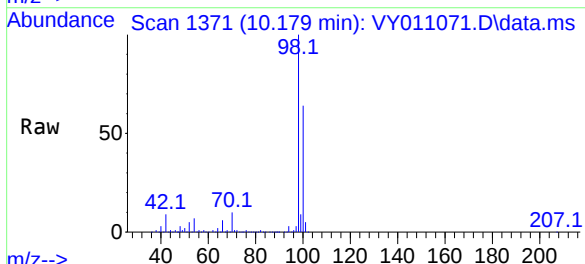
Instrument :
MSVOA_Y
ClientSampleId :
WC-5-102122

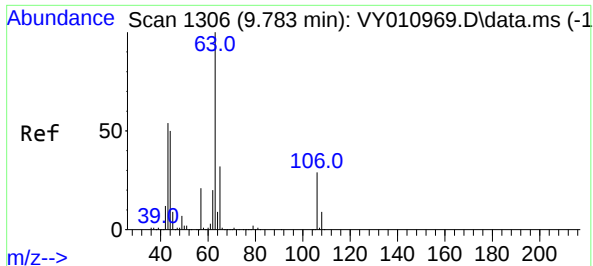
Tgt Ion:117 Resp: 24457
Ion Ratio Lower Upper
117 100
119 4.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 59.574 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011071.D
Acq: 24 Oct 2022 15:59

Tgt Ion: 98 Resp: 514847
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

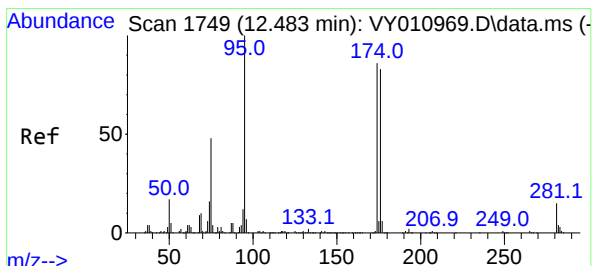
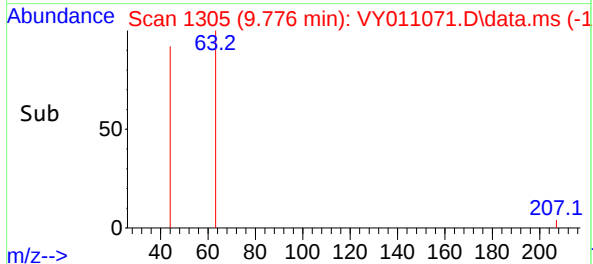
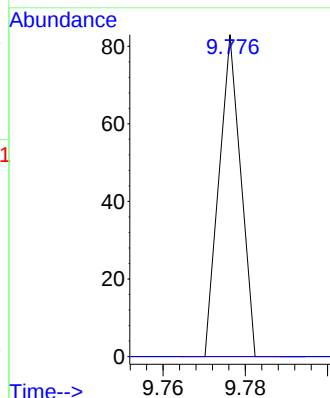
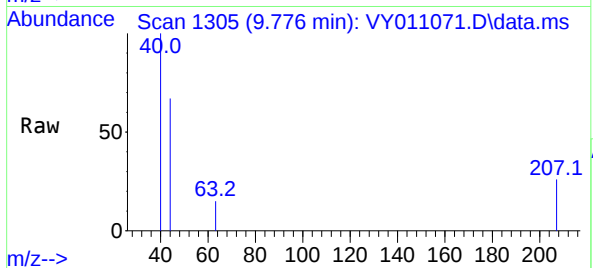




#58
2-Chloroethyl Vinyl ether
Concen: 16.979 ug/l
RT: 9.776 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011071.D
Acq: 24 Oct 2022 15:59

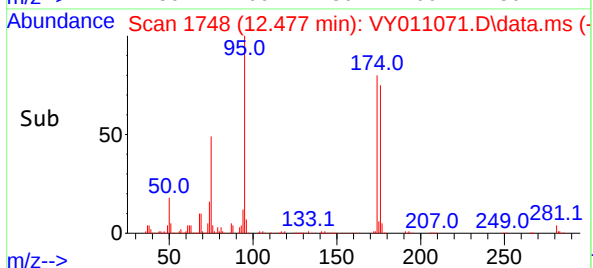
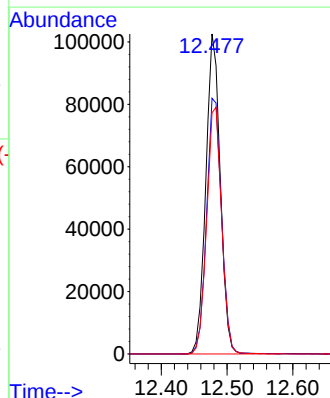
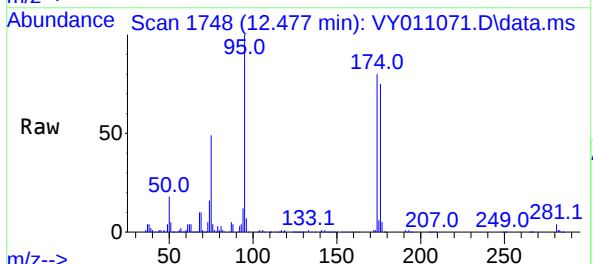
Instrument :
MSVOA_Y
ClientSampleId :
WC-5-102122

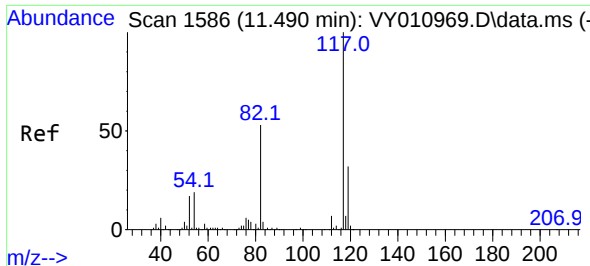
Tgt Ion: 63 Resp: 30
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#



#62
4-Bromofluorobenzene
Concen: 51.245 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011071.D
Acq: 24 Oct 2022 15:59

Tgt Ion: 95 Resp: 156643
Ion Ratio Lower Upper
95 100
174 82.6 0.0 177.0
176 79.6 0.0 175.8

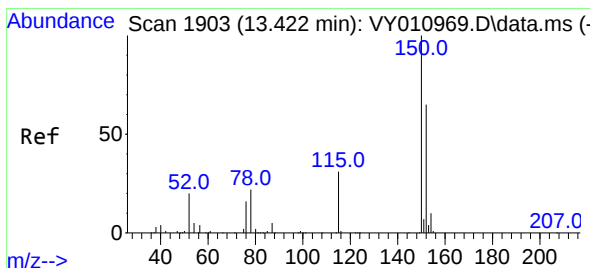
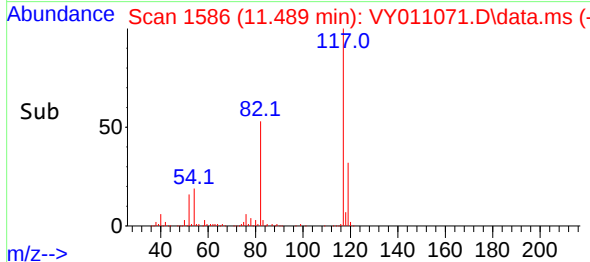
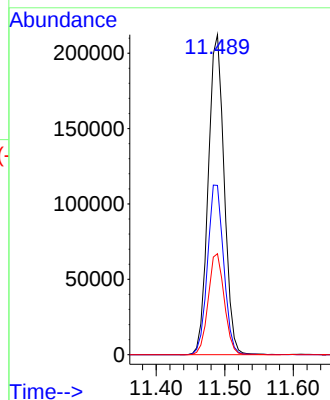
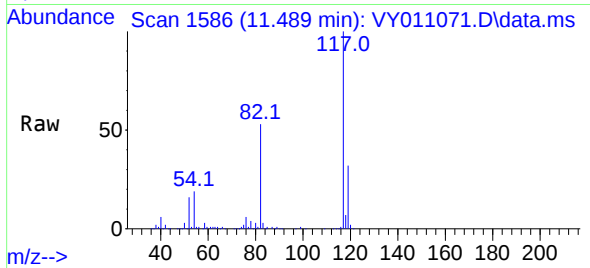




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY011071.D
Acq: 24 Oct 2022 15:59

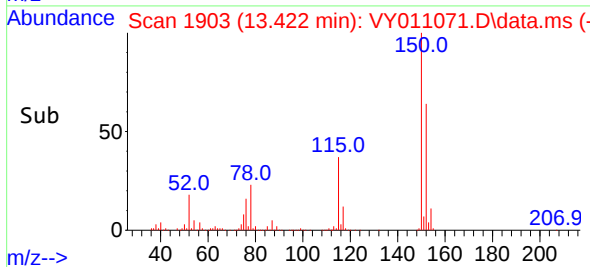
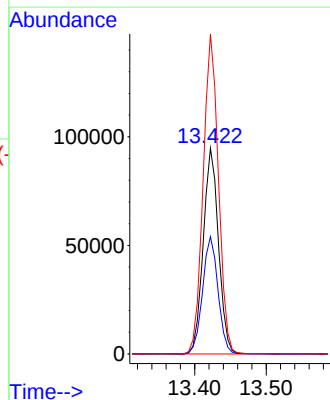
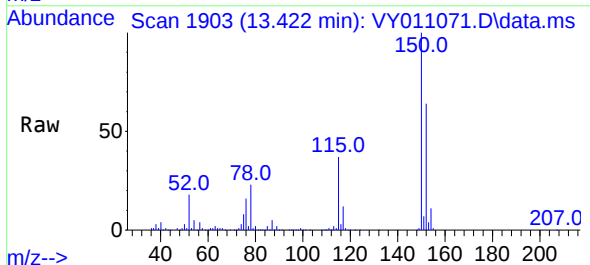
Instrument :
MSVOA_Y
ClientSampleId :
WC-5-102122

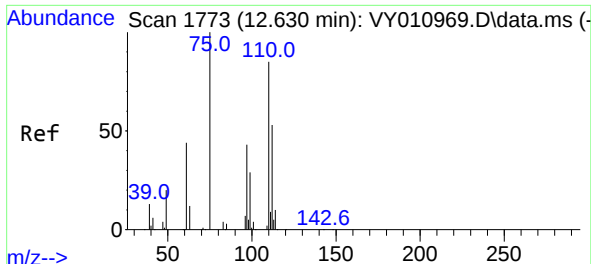
Tgt Ion:117 Resp: 342528
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011071.D
Acq: 24 Oct 2022 15:59

Tgt Ion:152 Resp: 140462
Ion Ratio Lower Upper
152 100
115 57.6 28.2 84.7
150 156.0 0.0 347.6

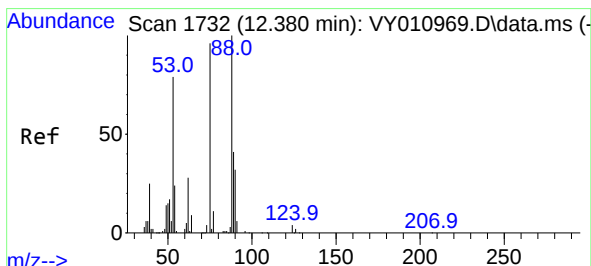
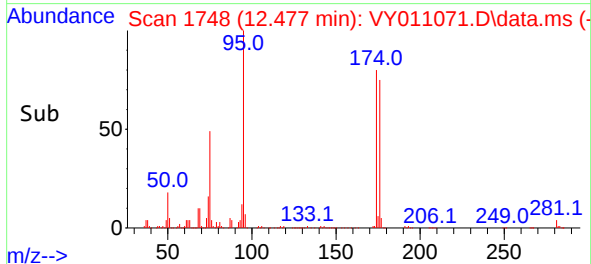
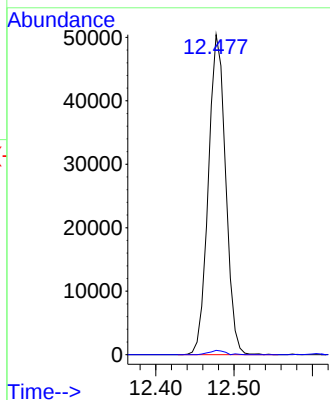
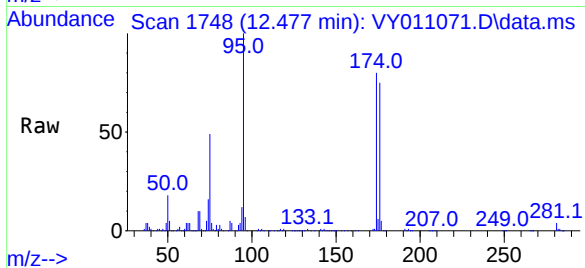




#76
1,2,3-Trichloropropane
Concen: 48.455 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011071.D
Acq: 24 Oct 2022 15:59

Instrument :
MSVOA_Y
ClientSampleId :
WC-5-102122

Tgt Ion: 75 Resp: 77271
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.213 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011071.D
Acq: 24 Oct 2022 15:59

Tgt Ion: 75 Resp: 77271
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.2 37.0 55.4#

