

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052422\
 Data File : VY009072.D
 Acq On : 24 May 2022 19:13
 Operator : KP/MD
 Sample : N2981-05
 Misc : 2.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-14(0.5-1)

Quant Time: May 25 02:56:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

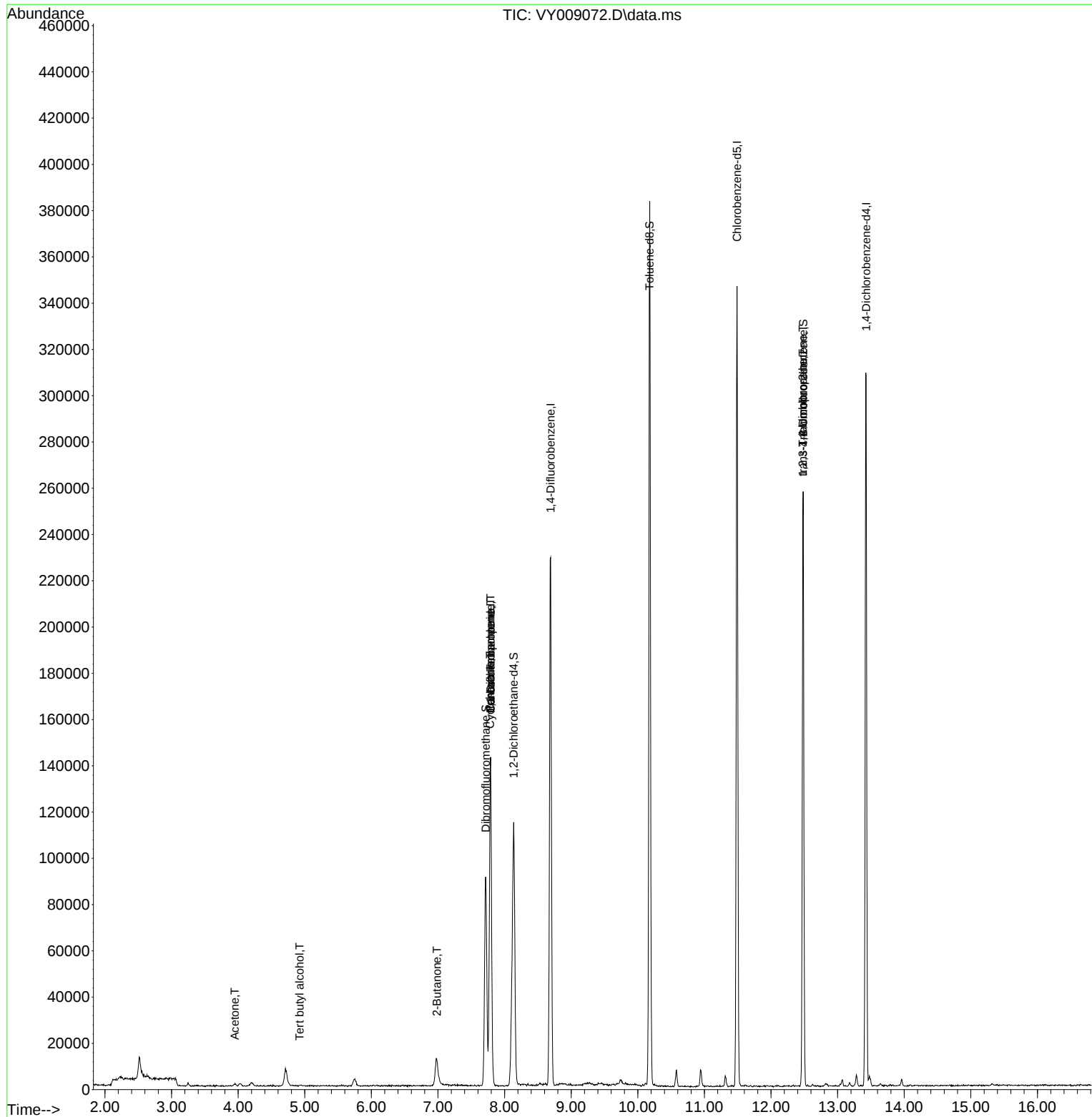
Internal Standards						
1) Pentafluorobenzene	7.789	168	107948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	194507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	179081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	67373	60.643	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.280%			
35) Dibromofluoromethane	7.716	113	61067	50.488	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.980%			
50) Toluene-d8	10.179	98	240179	53.826	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.660%			
62) 4-Bromofluorobenzene	12.483	95	66883	37.158	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 74.320%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.924	59	334	2.964	ug/l #	77
16) Acetone	3.948	43	1692	7.316	ug/l #	88
20) Methylene Chloride	4.710	84	5021	Below Cal		90
25) 2-Butanone	6.984	43	840	2.034	ug/l #	54
31) Cyclohexane	7.783	56	2511	1.155	ug/l #	19
36) 1,1-Dichloropropene	7.789	75	9038	4.391	ug/l #	53
38) Carbon Tetrachloride	7.789	117	10764	4.999	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	39779	48.974	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	39779	100.519	ug/l #	7

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

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SB-14(0.5-1)

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QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

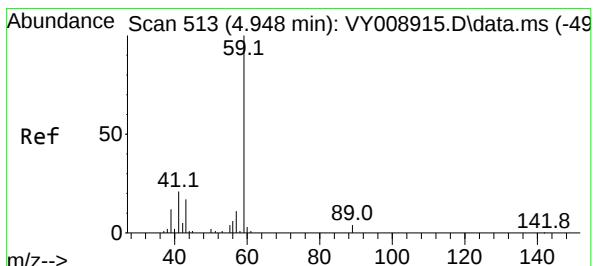
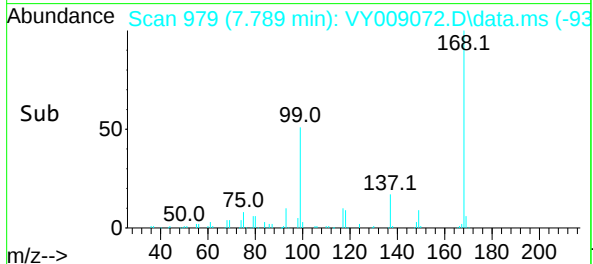
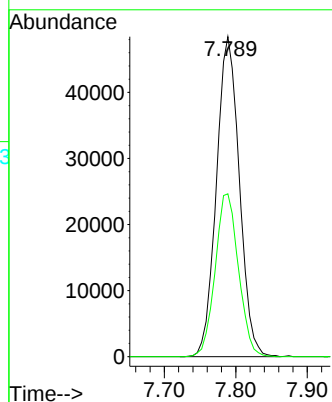
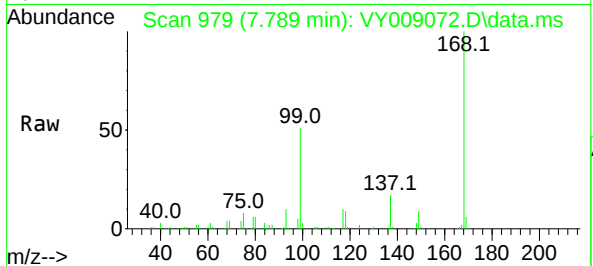




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009072.D
Acq: 24 May 2022 19:13

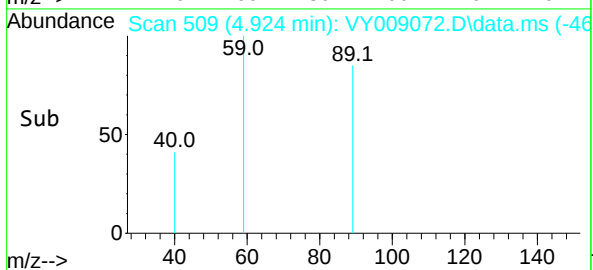
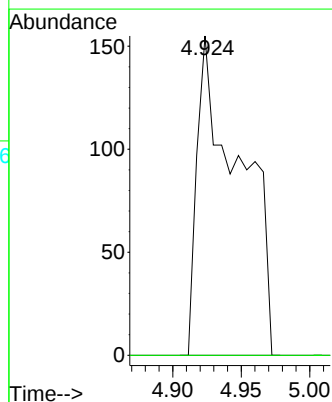
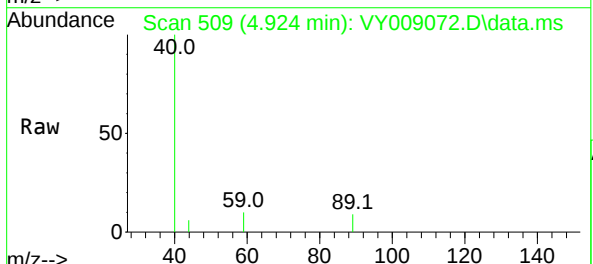
Instrument :
MSVOA_Y
ClientSampleId :
SB-14(0.5-1)

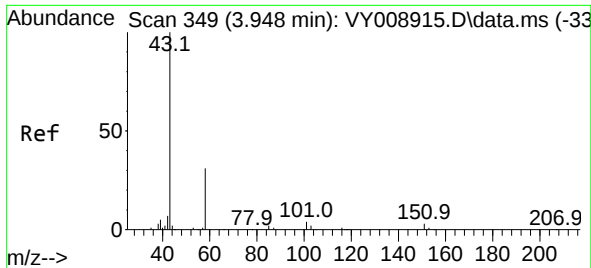
Tgt Ion:168 Resp: 107948
Ion Ratio Lower Upper
168 100
99 50.9 46.9 70.3



#11
Tert butyl alcohol
Concen: 2.964 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY009072.D
Acq: 24 May 2022 19:13

Tgt Ion: 59 Resp: 334
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

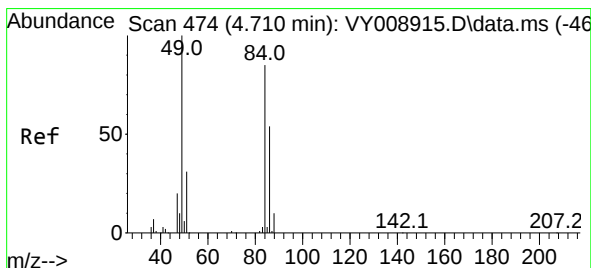
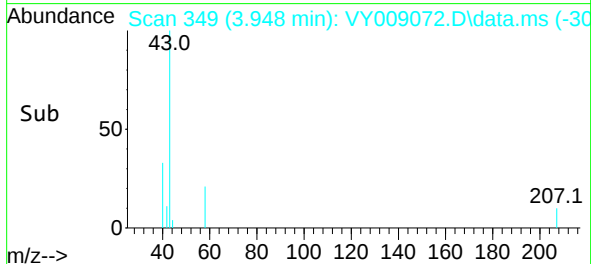
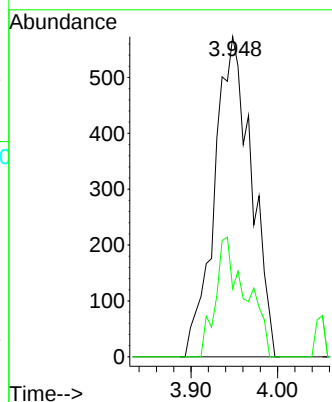
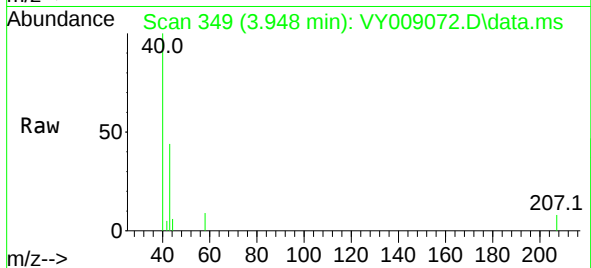




#16
Acetone
Concen: 7.316 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY009072.D
Acq: 24 May 2022 19:13

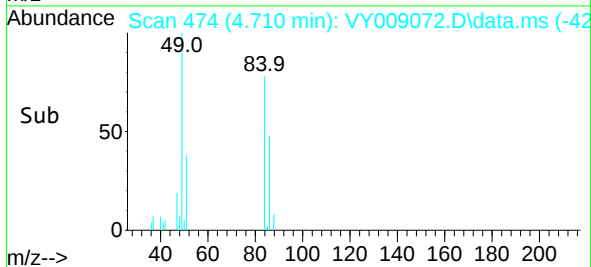
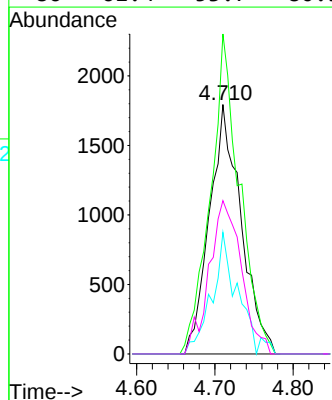
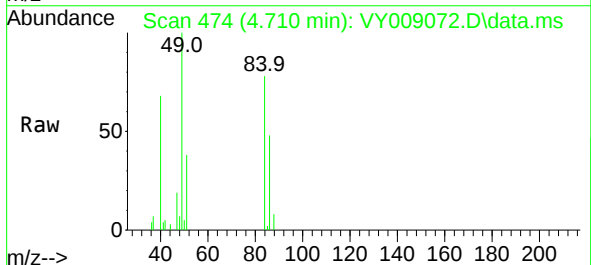
Instrument :
MSVOA_Y
ClientSampleId :
SB-14(0.5-1)

Tgt Ion: 43 Resp: 1692
Ion Ratio Lower Upper
43 100
58 21.3 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY009072.D
Acq: 24 May 2022 19:13

Tgt Ion: 84 Resp: 5021
Ion Ratio Lower Upper
84 100
49 128.2 114.4 171.6
51 48.7 35.3 52.9
86 61.4 53.7 80.5

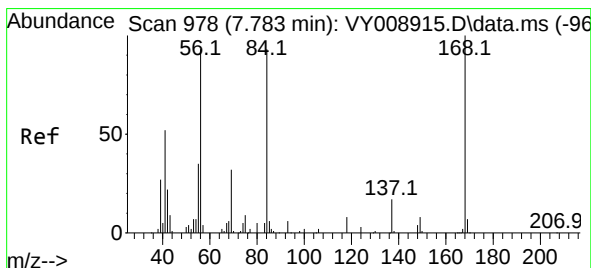
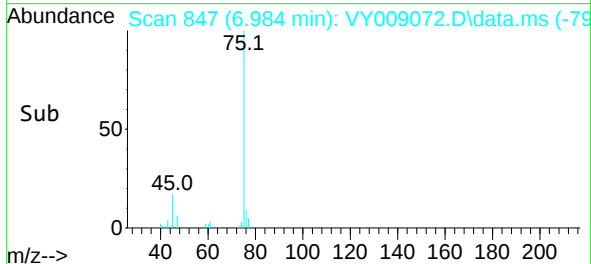
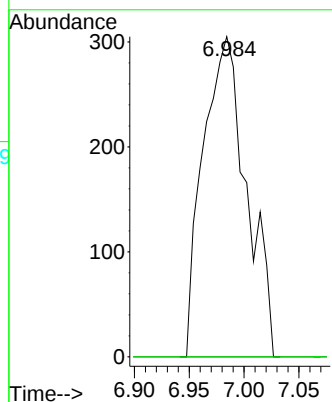
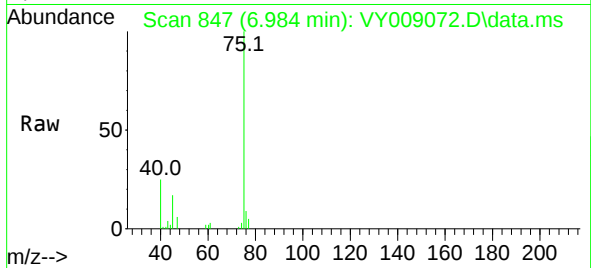




#25
2-Butanone
Concen: 2.034 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY009072.D
Acq: 24 May 2022 19:13

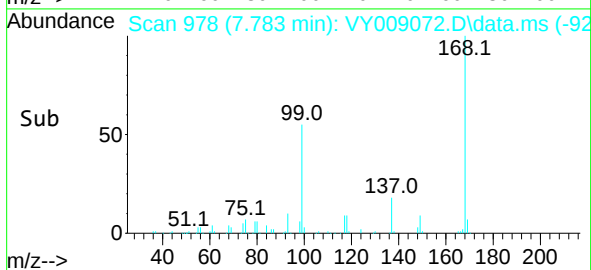
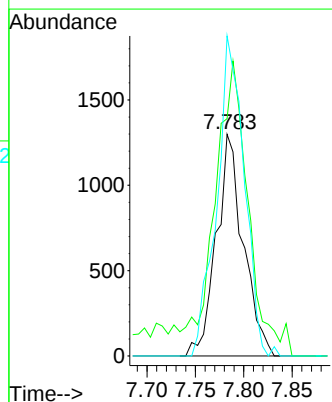
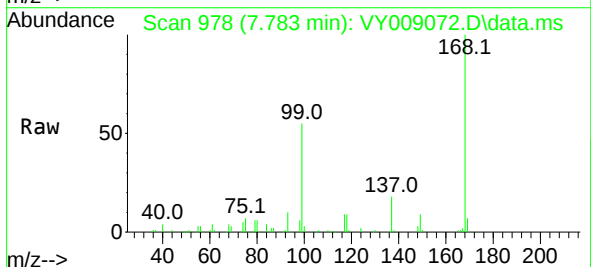
Instrument :
MSVOA_Y
ClientSampleId :
SB-14(0.5-1)

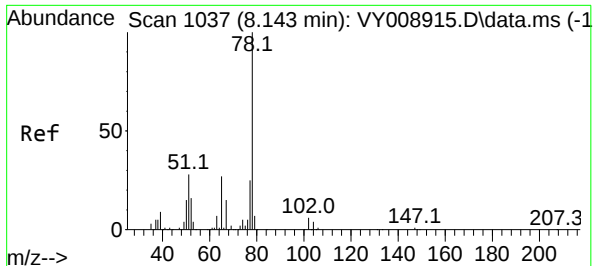
Tgt Ion: 43 Resp: 840
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.155 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY009072.D
Acq: 24 May 2022 19:13

Tgt Ion: 56 Resp: 2511
Ion Ratio Lower Upper
56 100
69 100.7 26.7 40.1#
84 144.3 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 60.643 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY009072.D

Acq: 24 May 2022 19:13

Instrument :

MSVOA_Y

ClientSampleId :

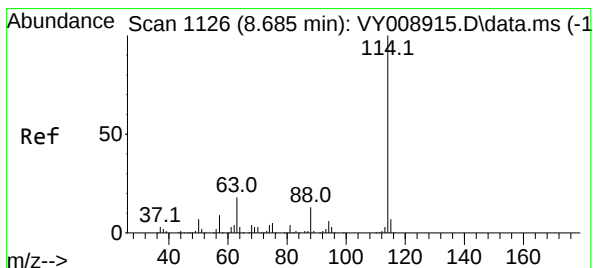
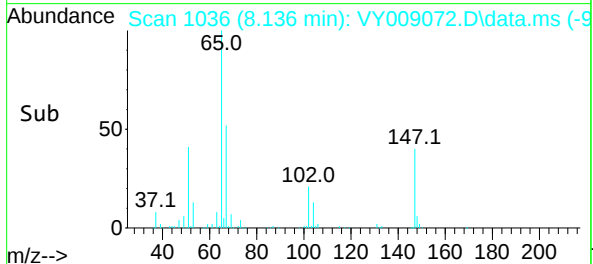
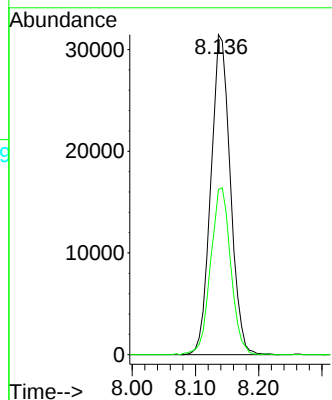
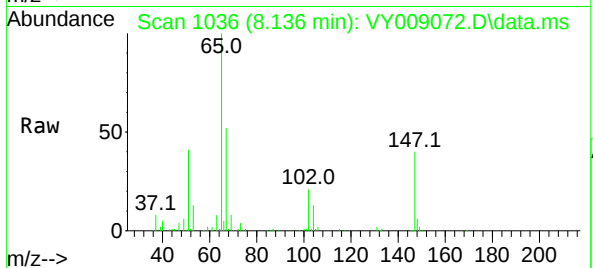
SB-14(0.5-1)

Tgt Ion: 65 Resp: 67373

Ion Ratio Lower Upper

65 100

67 54.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY009072.D

Acq: 24 May 2022 19:13

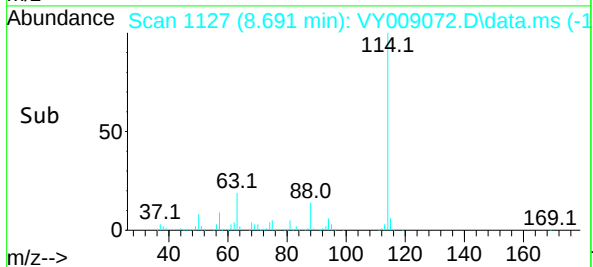
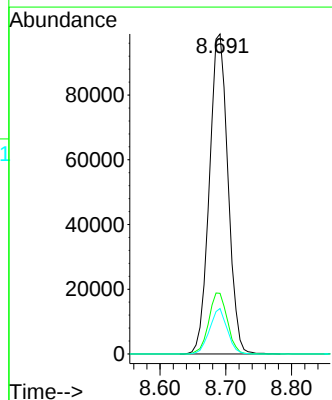
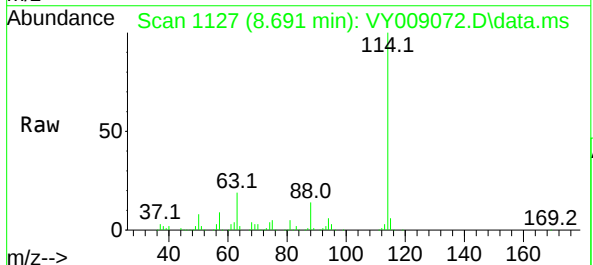
Tgt Ion: 114 Resp: 194507

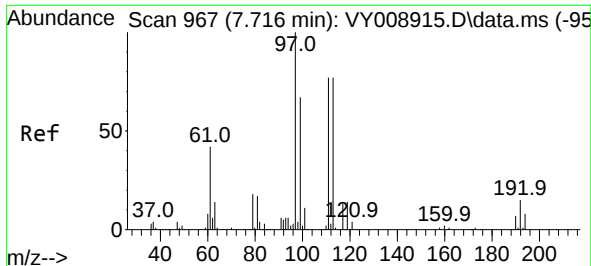
Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 14.2 0.0 31.8

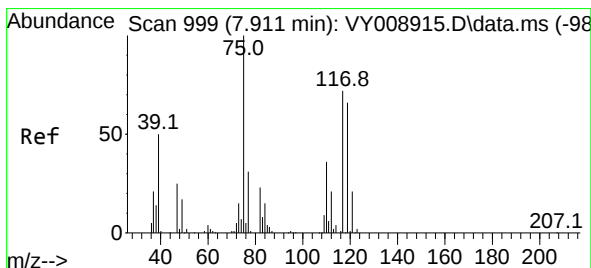
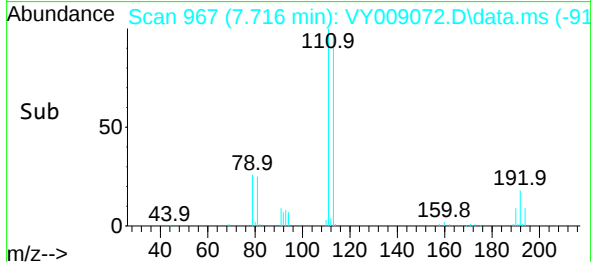
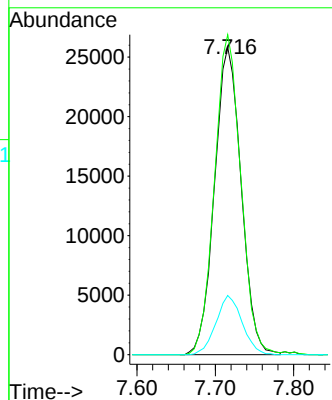
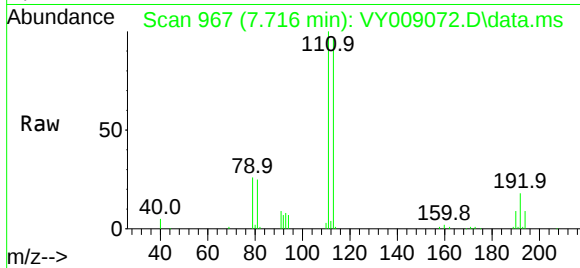




#35
Dibromofluoromethane
Concen: 50.488 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY009072.D
Acq: 24 May 2022 19:13

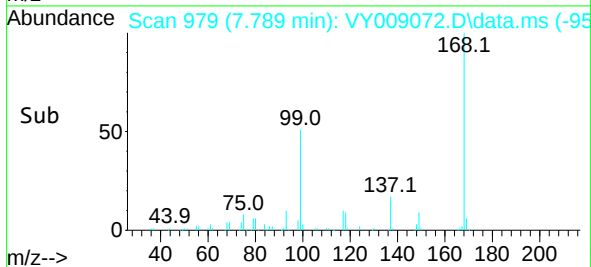
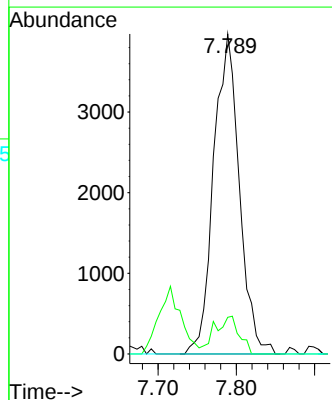
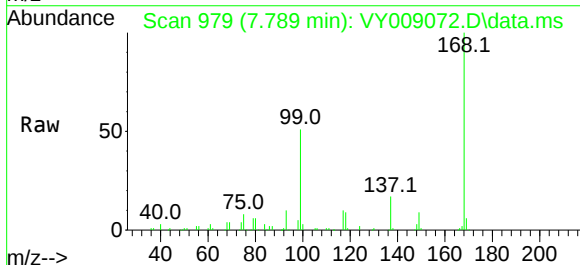
Instrument :
MSVOA_Y
ClientSampleId :
SB-14(0.5-1)

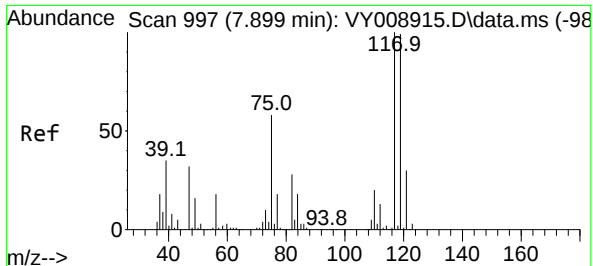
Tgt Ion:113 Resp: 61067
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 18.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.391 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY009072.D
Acq: 24 May 2022 19:13

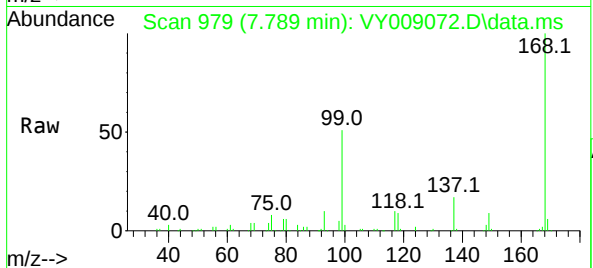
Tgt Ion: 75 Resp: 9038
Ion Ratio Lower Upper
75 100
110 11.3 17.1 51.2#
77 0.0 24.4 36.6#



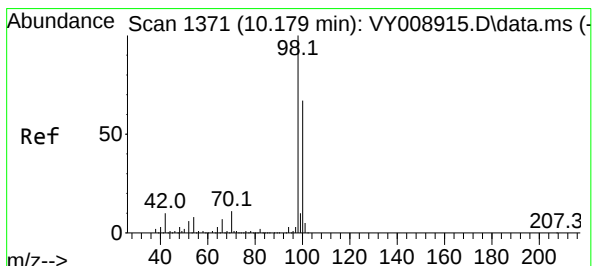
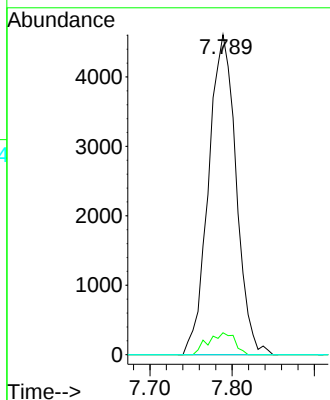
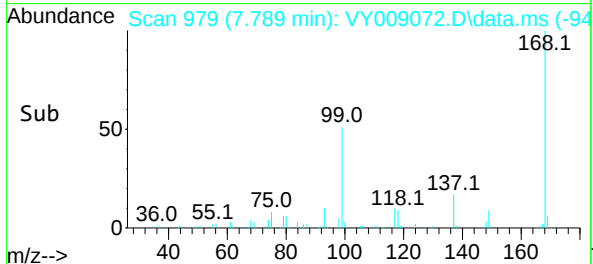


#38
Carbon Tetrachloride
Concen: 4.999 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009072.D
Acq: 24 May 2022 19:13

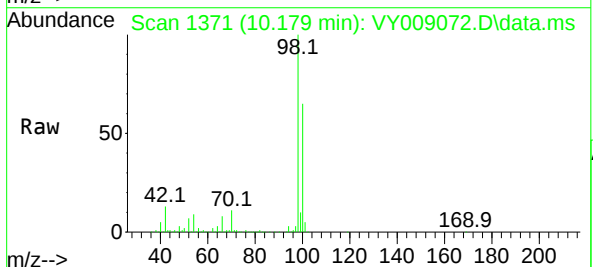
Instrument :
MSVOA_Y
ClientSampleId :
SB-14(0.5-1)



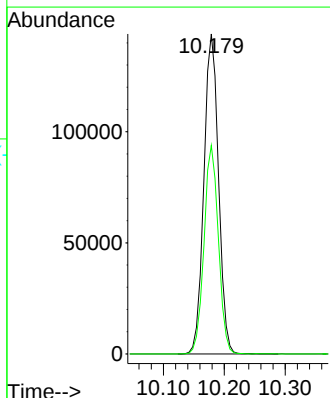
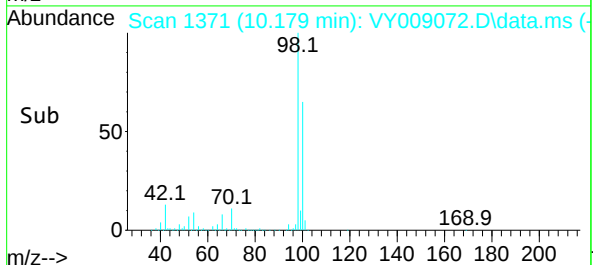
Tgt Ion:117 Resp: 10764
Ion Ratio Lower Upper
117 100
119 6.8 77.9 116.9#
121 0.0 24.8 37.2#

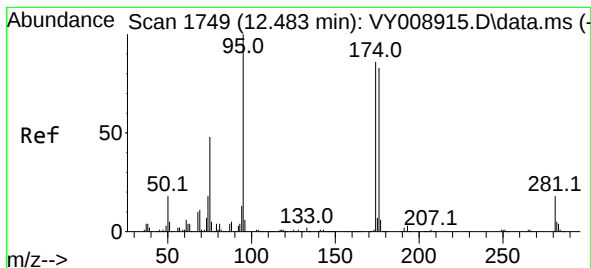


#50
Toluene-d8
Concen: 53.826 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009072.D
Acq: 24 May 2022 19:13



Tgt Ion: 98 Resp: 240179
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2

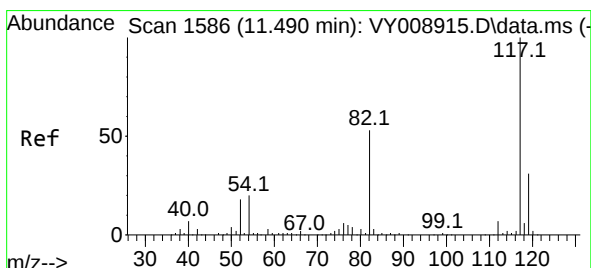
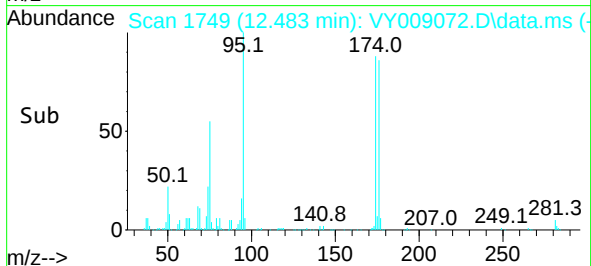
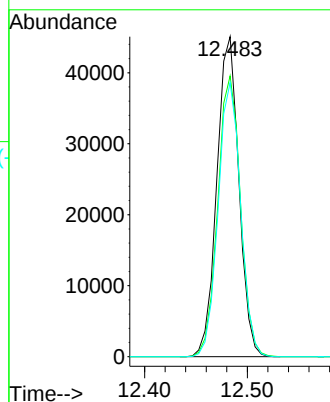
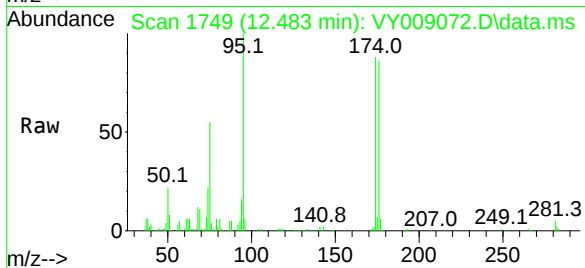




#62
4-Bromofluorobenzene
Concen: 37.158 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009072.D
Acq: 24 May 2022 19:13

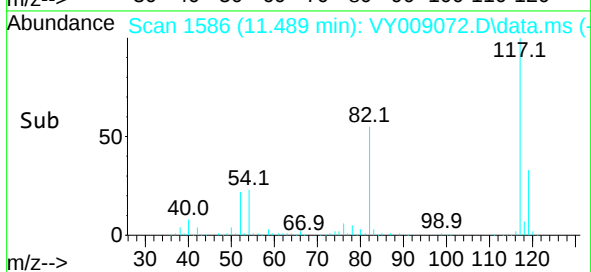
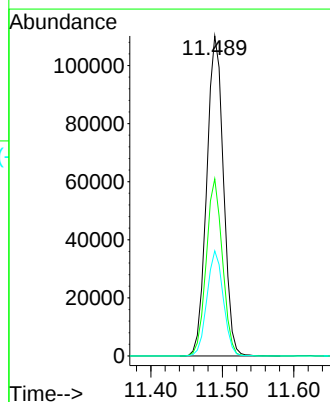
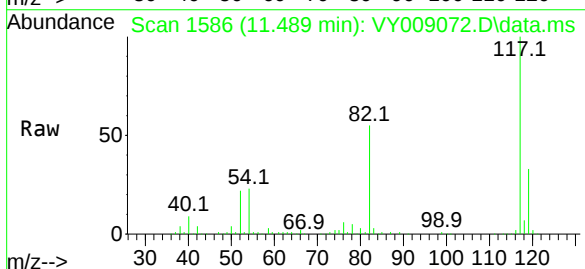
Instrument :
MSVOA_Y
ClientSampleId :
SB-14(0.5-1)

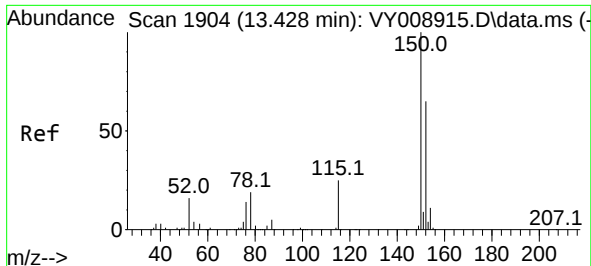
Tgt Ion: 95 Resp: 66883
Ion Ratio Lower Upper
95 100
174 90.6 0.0 177.0
176 87.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009072.D
Acq: 24 May 2022 19:13

Tgt Ion: 117 Resp: 179081
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.4
119 32.8 25.4 38.0

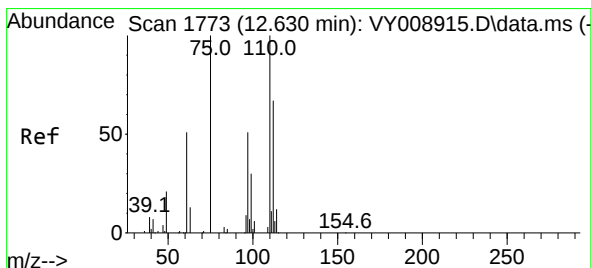
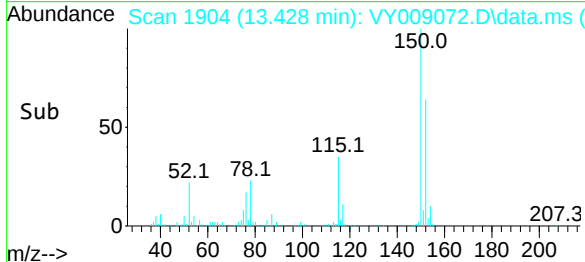
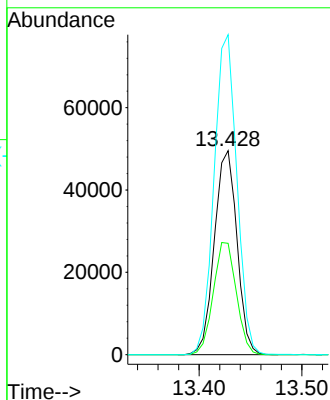
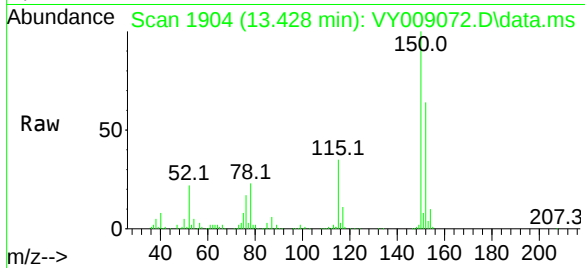




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY009072.D
 Acq: 24 May 2022 19:13

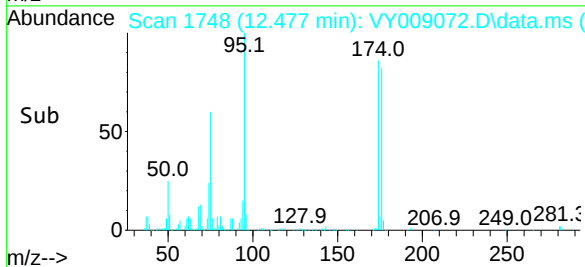
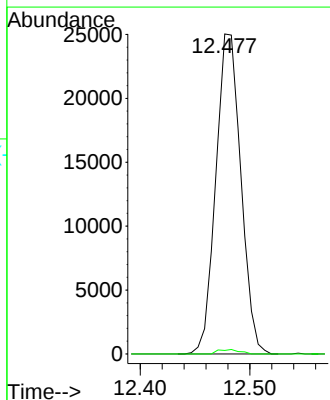
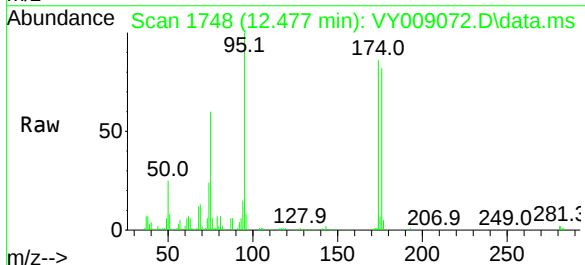
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-14(0.5-1)

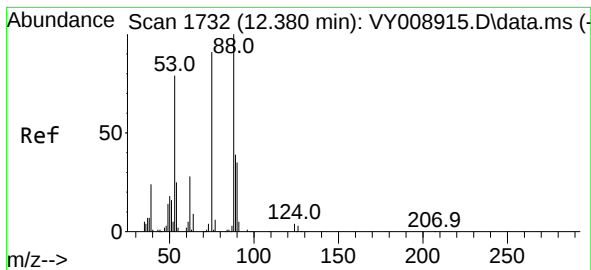
Tgt Ion:152 Resp: 75637
 Ion Ratio Lower Upper
 152 100
 115 56.1 28.2 84.7
 150 157.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.974 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009072.D
 Acq: 24 May 2022 19:13

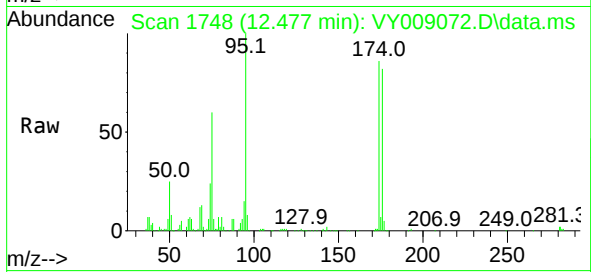
Tgt Ion: 75 Resp: 39779
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.519 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY009072.D
 Acq: 24 May 2022 19:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-14(0.5-1)



Tgt Ion:	75	Resp:	39779
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.1	37.0	55.4#

