

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112322\
 Data File : VY011571.D
 Acq On : 23 Nov 2022 13:37
 Operator : KP/MD
 Sample : N5745-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 24 00:37:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

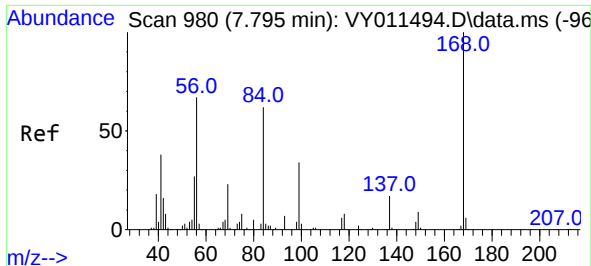
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	16517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	27540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	23995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	11396	67.949	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	135.900%	
35) Dibromofluoromethane	7.716	113	9684	57.121	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	114.240%	
50) Toluene-d8	10.179	98	31892	51.767	ug/l	0.00
Spiked Amount 50.000	Range 49	- 140	Recovery	=	103.540%	
62) 4-Bromofluorobenzene	12.483	95	8724	38.300	ug/l	0.00
Spiked Amount 50.000	Range 25	- 144	Recovery	=	76.600%	
Target Compounds						Qvalue
3) Chloromethane	2.119	50	127	Below Cal	#	44
5) Bromomethane	2.668	94	228	Below Cal		90
10) Methyl Iodide	4.101	142	330	1.787	ug/l #	42
11) Tert butyl alcohol	4.948	59	125	Below Cal	#	77
16) Acetone	3.954	43	94	1.726	ug/l #	47
18) Methyl Acetate	4.479	43	22	Below Cal	#	56
31) Cyclohexane	7.789	56	347	1.248	ug/l #	14
36) 1,1-Dichloropropene	7.795	75	1418	5.351	ug/l #	42
38) Carbon Tetrachloride	7.789	117	1662	5.606	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	4586	48.243	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	4586	105.668	ug/l #	7
95) Naphthalene	15.239	128	48	4.161	ug/l #	47

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

Quant Time: Nov 24 00:37:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
Response via : Initial Calibration

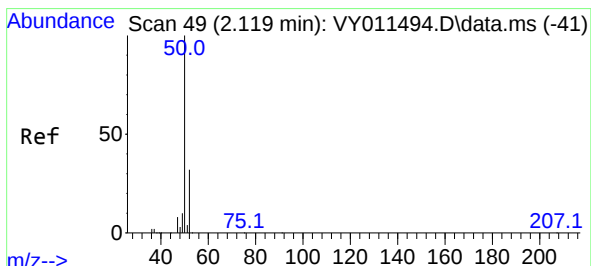
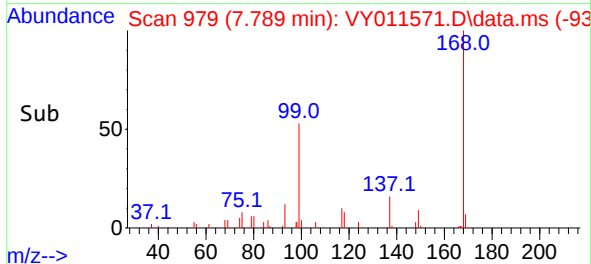
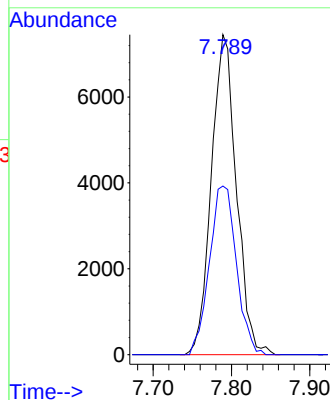
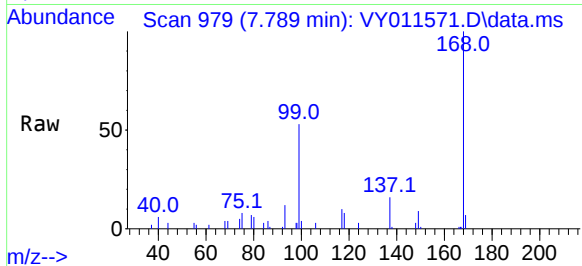




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011571.D
Acq: 23 Nov 2022 13:37

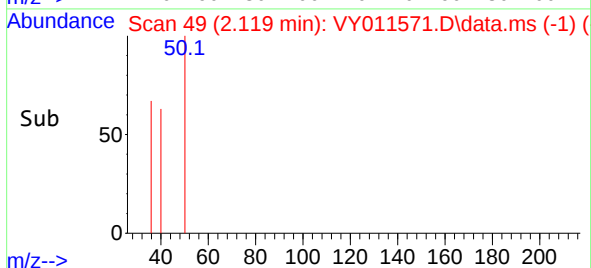
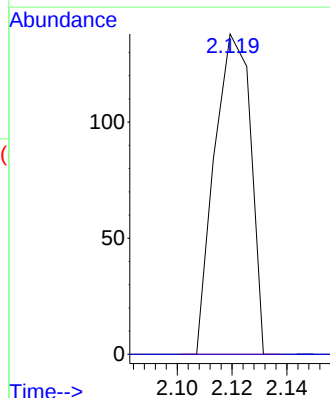
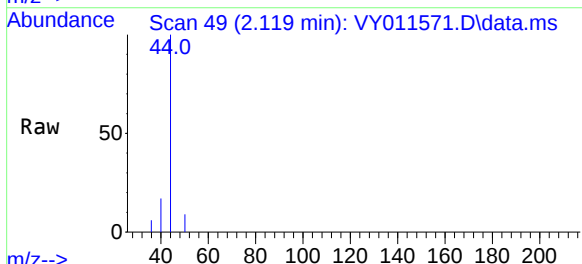
Instrument :
MSVOA_Y
ClientSampleId :

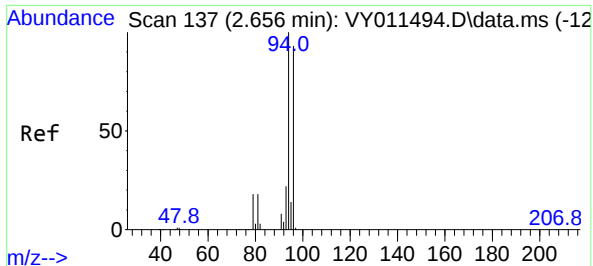
Tgt Ion:168 Resp: 16517
Ion Ratio Lower Upper
168 100
99 52.7 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY011571.D
Acq: 23 Nov 2022 13:37

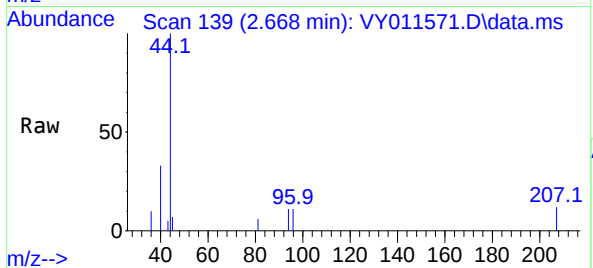
Tgt Ion: 50 Resp: 127
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#



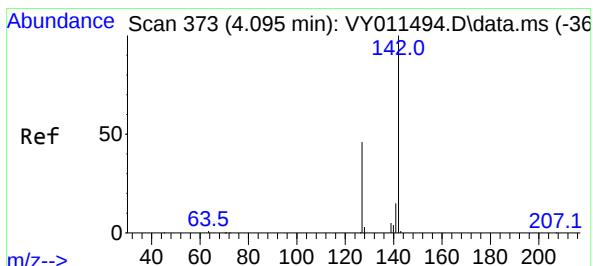
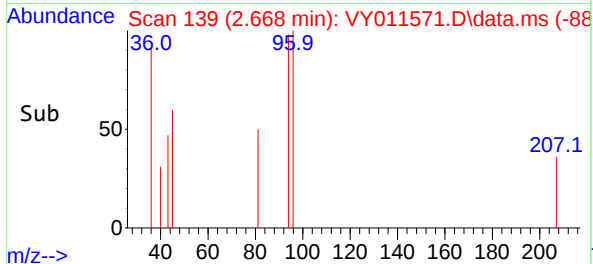
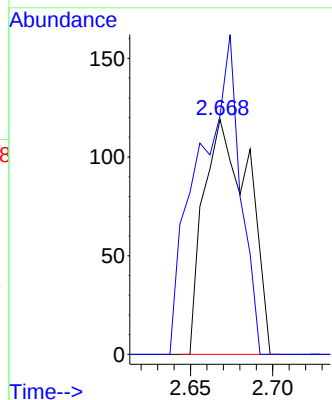


#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY011571.D
Acq: 23 Nov 2022 13:37

Instrument :
MSVOA_Y
ClientSampleId :

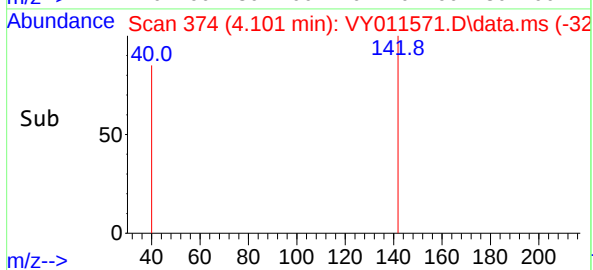
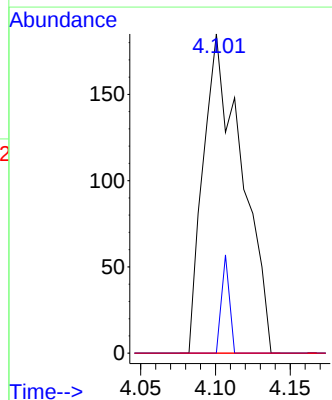
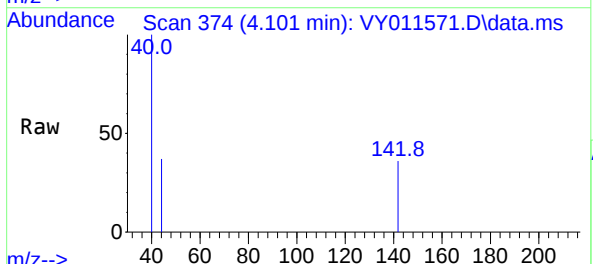


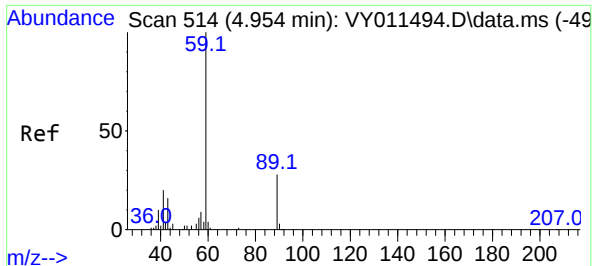
Tgt Ion: 94 Resp: 228
Ion Ratio Lower Upper
94 100
96 101.7 73.5 110.3



#10
Methyl Iodide
Concen: 1.787 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY011571.D
Acq: 23 Nov 2022 13:37

Tgt Ion:142 Resp: 330
Ion Ratio Lower Upper
142 100
127 6.4 41.5 62.3#
141 0.0 11.9 17.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.948 min Scan# 51

Delta R.T. -0.006 min

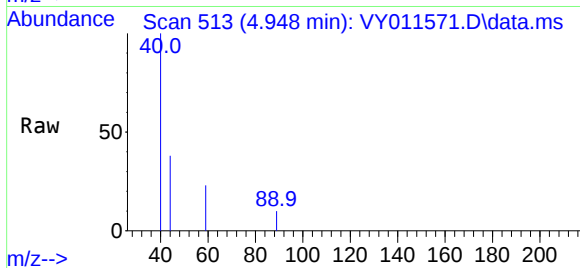
Lab File: VY011571.D

Acq: 23 Nov 2022 13:37

Instrument :

MSVOA_Y

ClientSampleId :

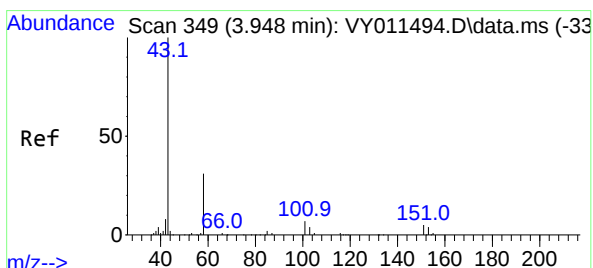
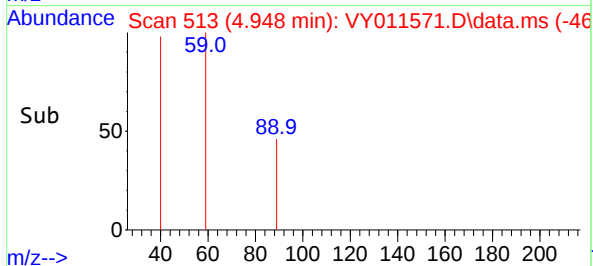
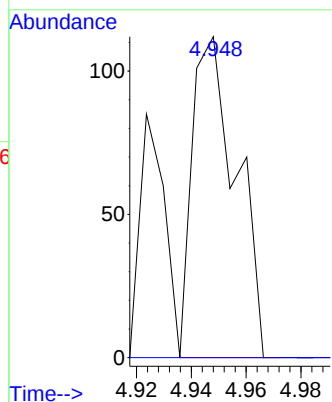


Tgt Ion: 59 Resp: 125

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 1.726 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY011571.D

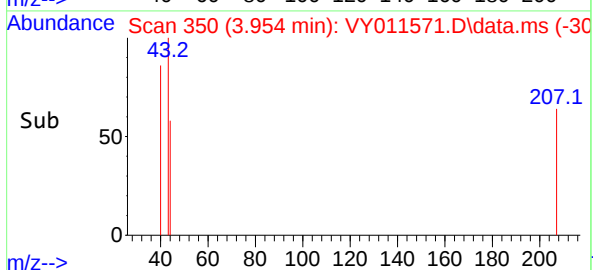
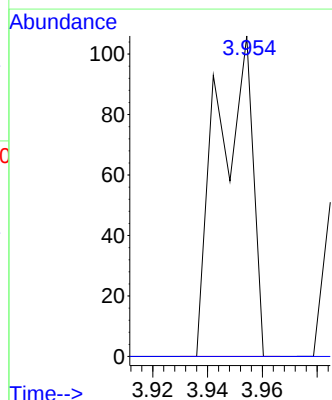
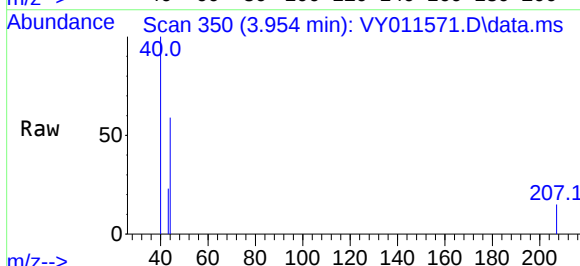
Acq: 23 Nov 2022 13:37

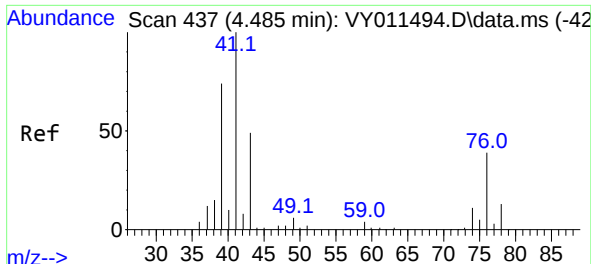
Tgt Ion: 43 Resp: 94

Ion Ratio Lower Upper

43 100

58 0.0 22.0 33.0#

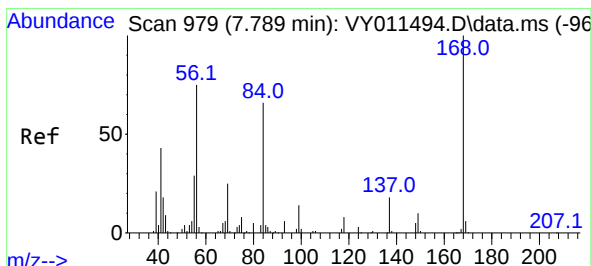
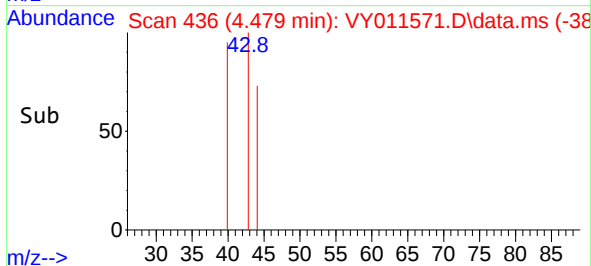
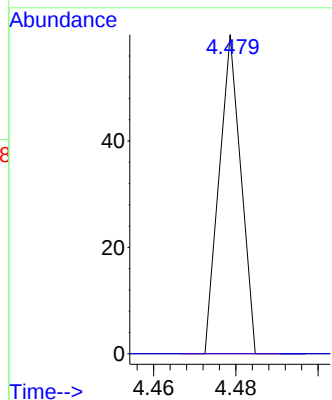
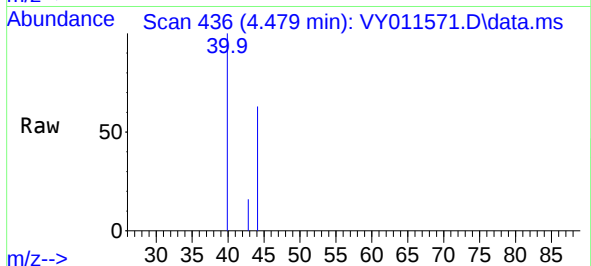




#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY011571.D
Acq: 23 Nov 2022 13:37

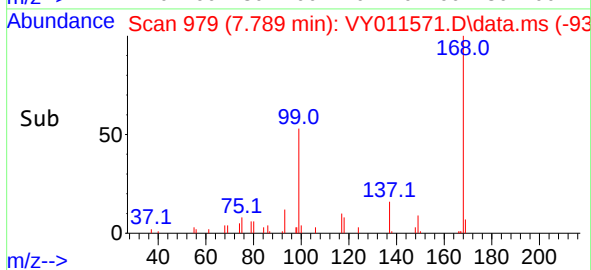
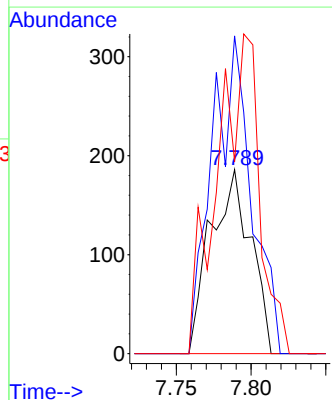
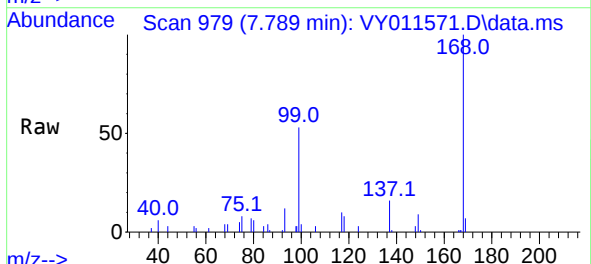
Instrument :
MSVOA_Y
ClientSampleId :

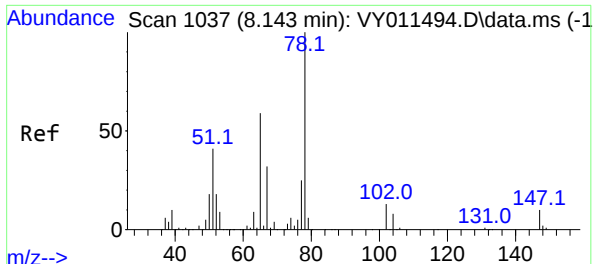
Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#31
Cyclohexane
Concen: 1.248 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY011571.D
Acq: 23 Nov 2022 13:37

Tgt Ion: 56 Resp: 347
Ion Ratio Lower Upper
56 100
69 172.6 26.7 40.1#
84 104.3 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 67.949 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY011571.D

Acq: 23 Nov 2022 13:37

Instrument :

MSVOA_Y

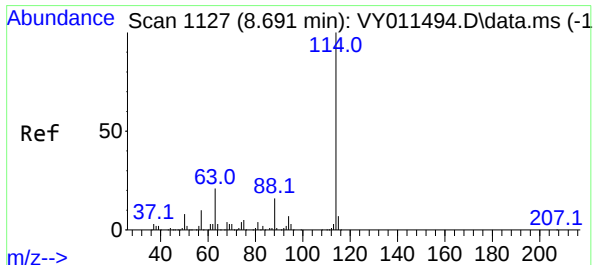
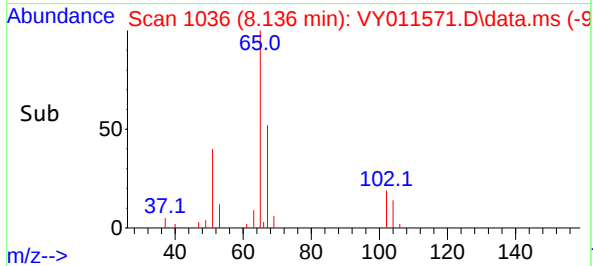
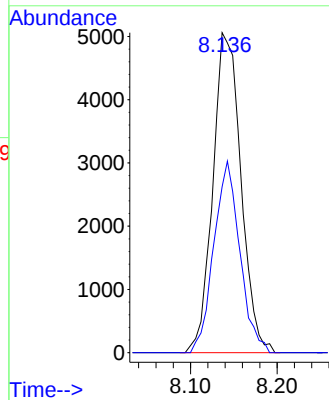
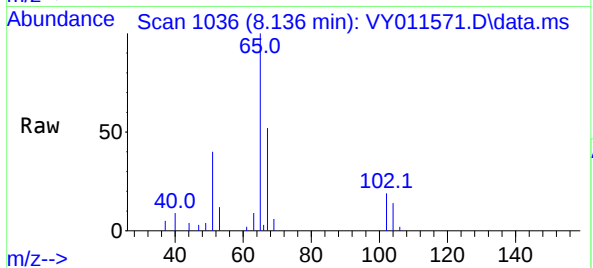
ClientSampleId :

Tgt Ion: 65 Resp: 11396

Ion Ratio Lower Upper

65 100

67 55.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011571.D

Acq: 23 Nov 2022 13:37

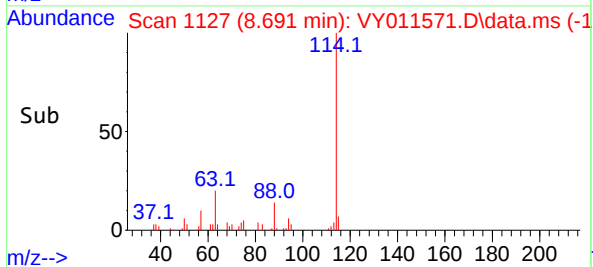
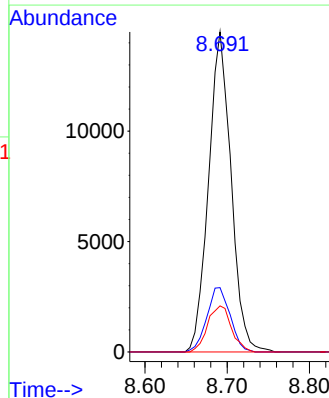
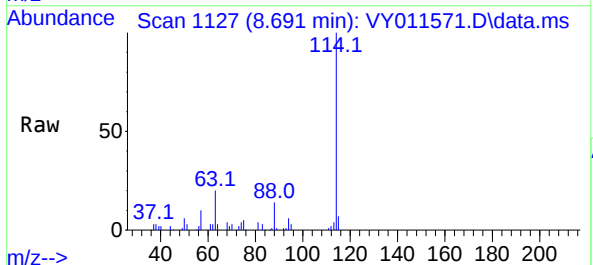
Tgt Ion: 114 Resp: 27540

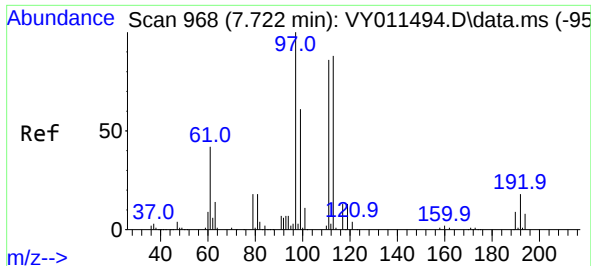
Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

88 14.4 0.0 31.8

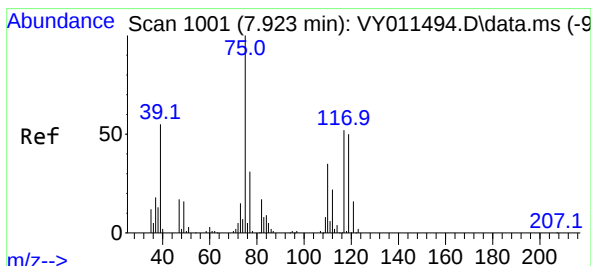
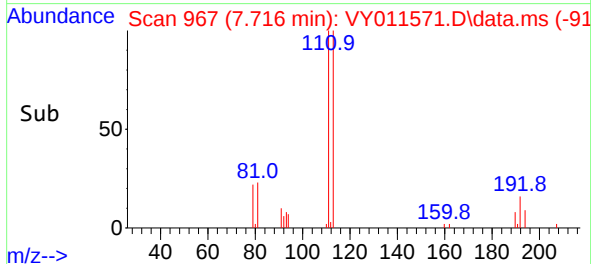
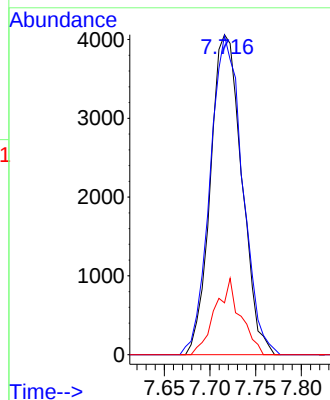
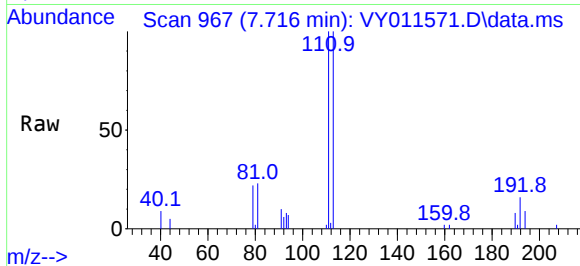




#35
Dibromofluoromethane
Concen: 57.121 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY011571.D
Acq: 23 Nov 2022 13:37

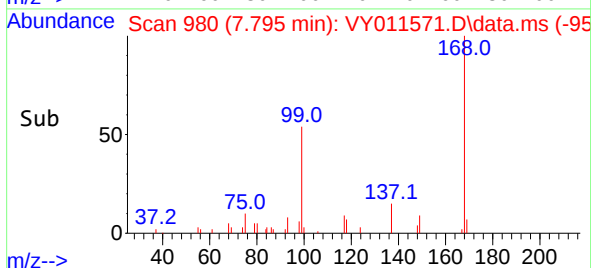
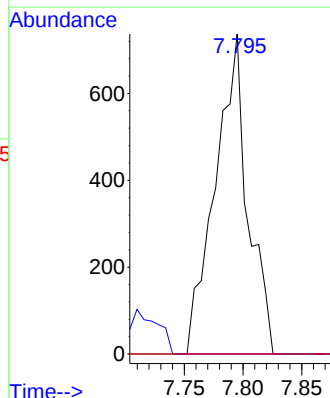
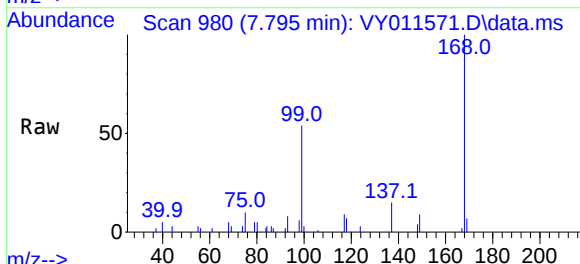
Instrument :
MSVOA_Y
ClientSampleId :

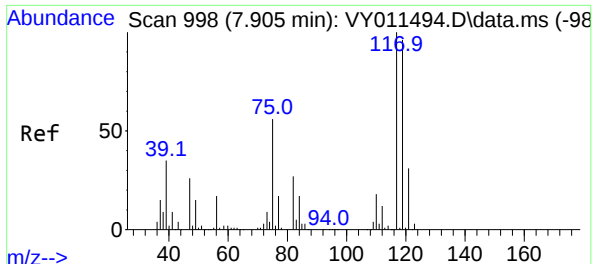
Tgt Ion:113 Resp: 9684
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 19.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.351 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY011571.D
Acq: 23 Nov 2022 13:37

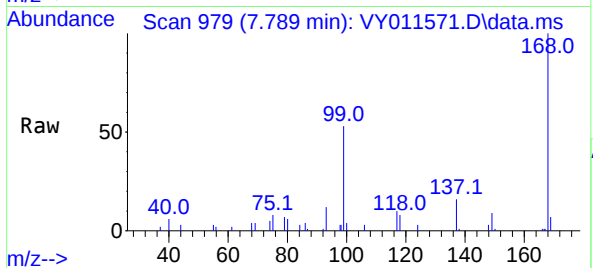
Tgt Ion: 75 Resp: 1418
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#



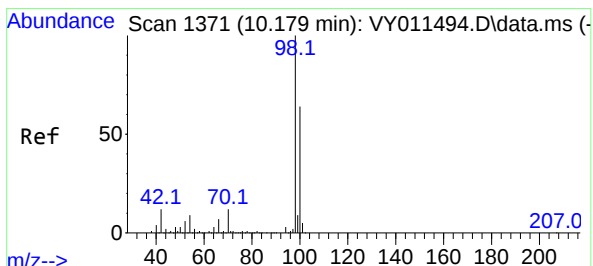
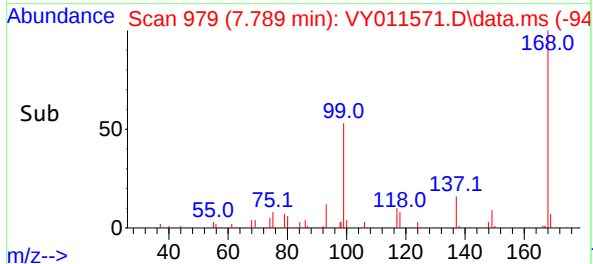
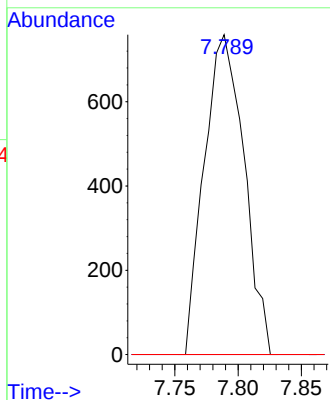


#38
Carbon Tetrachloride
Concen: 5.606 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY011571.D
Acq: 23 Nov 2022 13:37

Instrument :
MSVOA_Y
ClientSampleId :

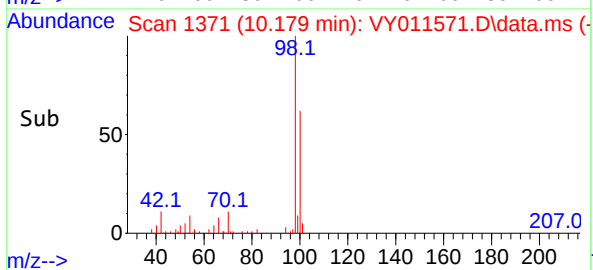
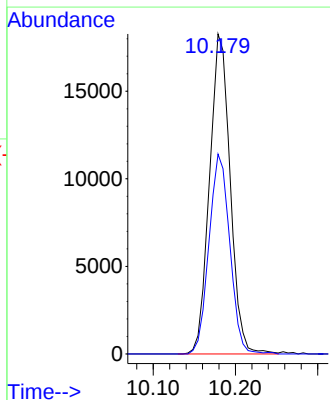
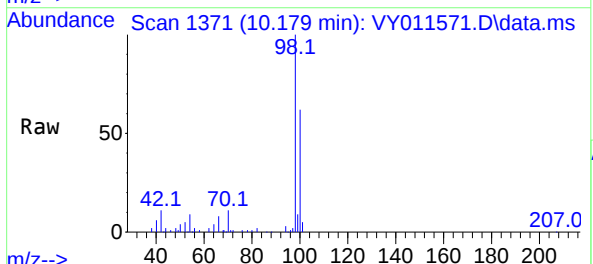


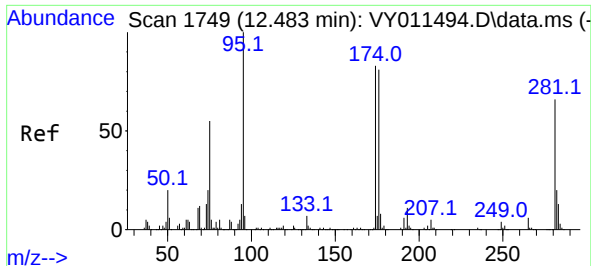
Tgt Ion:117 Resp: 1662
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.767 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011571.D
Acq: 23 Nov 2022 13:37

Tgt Ion: 98 Resp: 31892
Ion Ratio Lower Upper
98 100
100 62.9 50.2 75.2

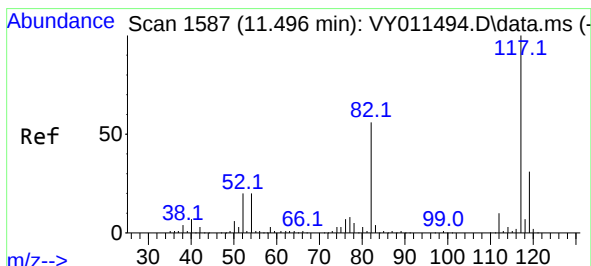
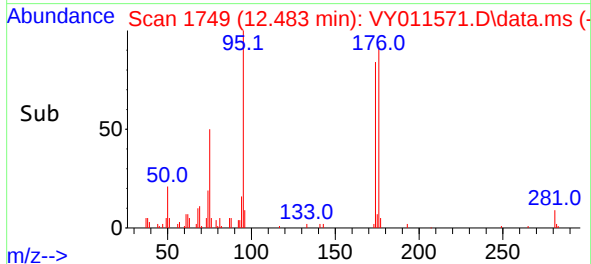
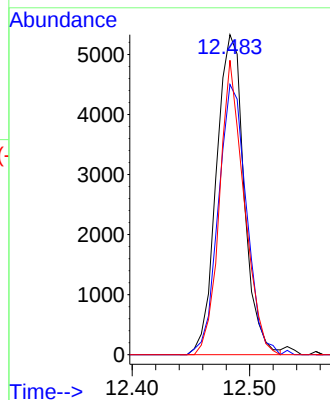
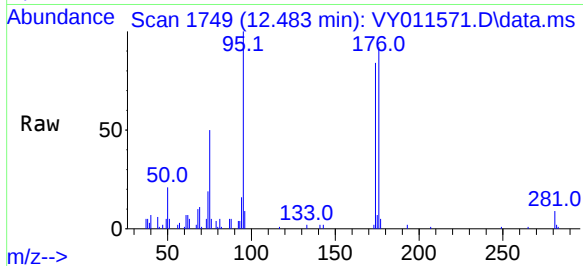




#62
4-Bromofluorobenzene
Concen: 38.300 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011571.D
Acq: 23 Nov 2022 13:37

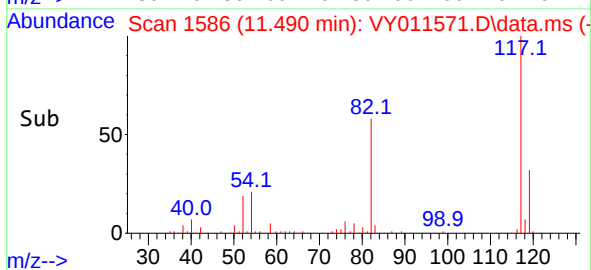
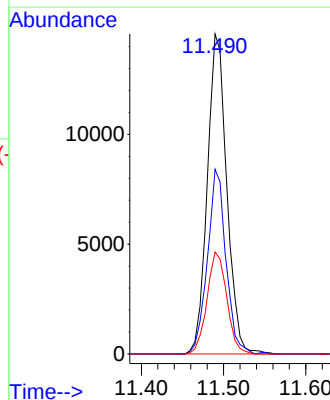
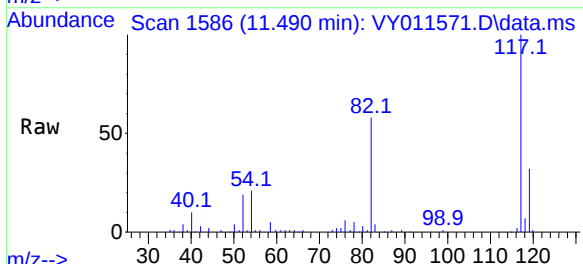
Instrument :
MSVOA_Y
ClientSampleId :

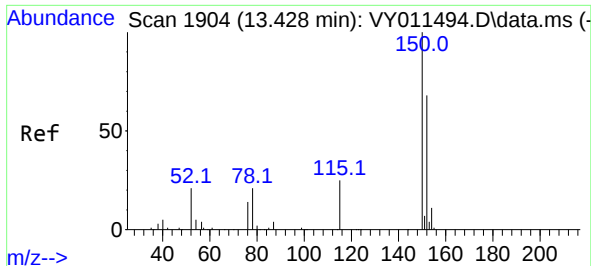
Tgt Ion: 95 Resp: 8724
Ion Ratio Lower Upper
95 100
174 85.9 0.0 177.0
176 81.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY011571.D
Acq: 23 Nov 2022 13:37

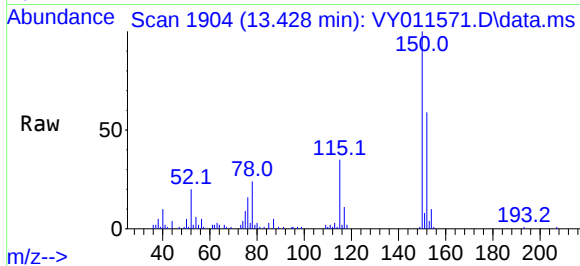
Tgt Ion: 117 Resp: 23995
Ion Ratio Lower Upper
117 100
82 57.7 43.0 64.4
119 31.9 25.4 38.0



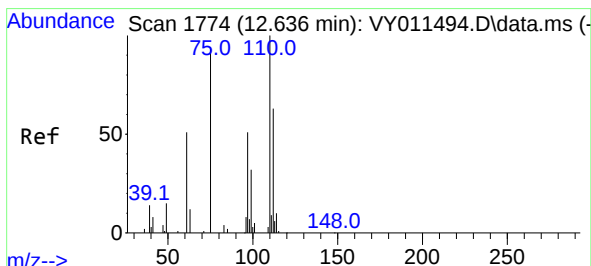
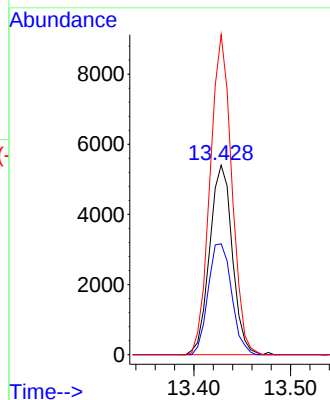
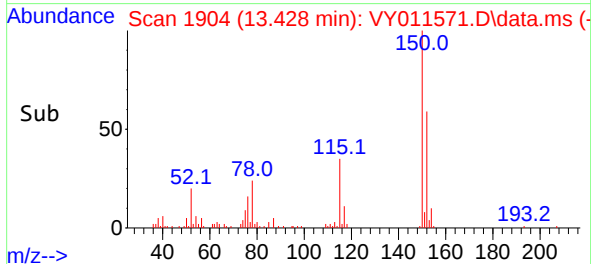


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011571.D
Acq: 23 Nov 2022 13:37

Instrument :
MSVOA_Y
ClientSampleId :

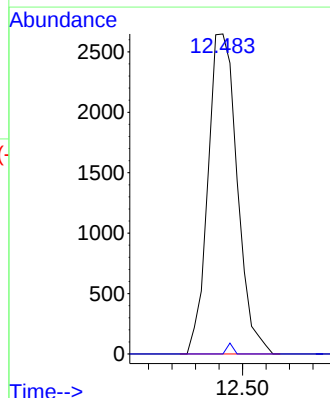
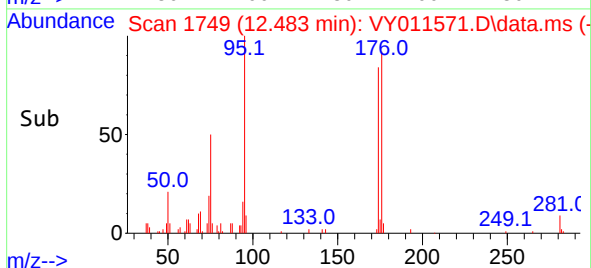
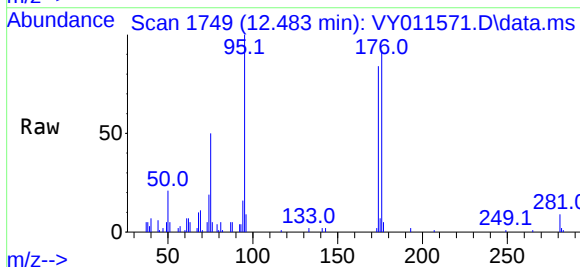


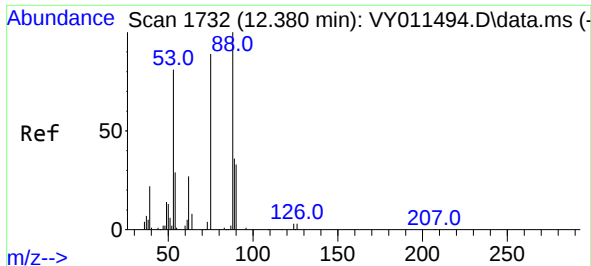
Tgt Ion:152 Resp: 8827
Ion Ratio Lower Upper
152 100
115 60.4 28.2 84.7
150 161.3 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 48.243 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011571.D
Acq: 23 Nov 2022 13:37

Tgt Ion: 75 Resp: 4586
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#

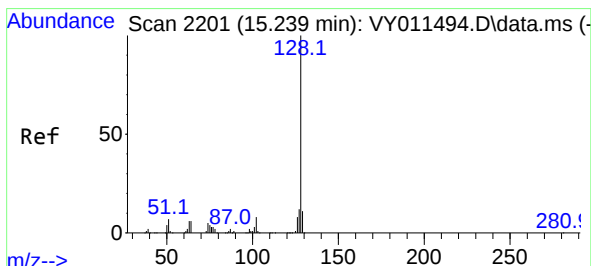
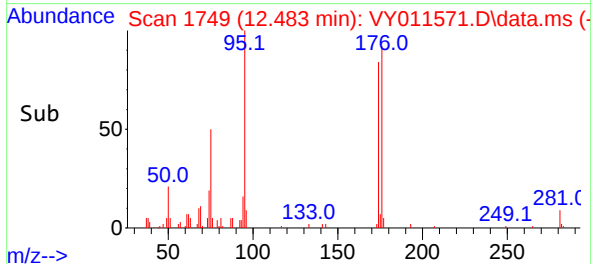
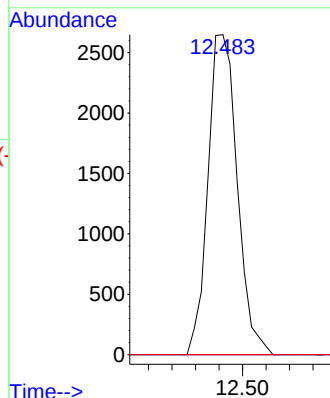
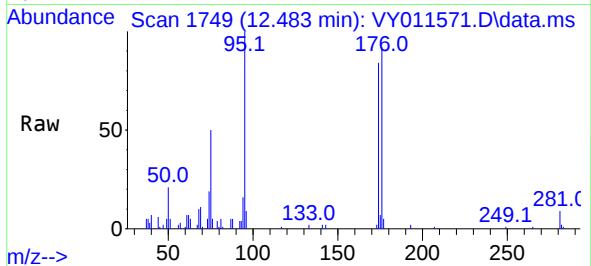




#81
trans-1,4-Dichloro-2-butene
Concen: 105.668 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011571.D
Acq: 23 Nov 2022 13:37

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 4586
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 4.161 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY011571.D
Acq: 23 Nov 2022 13:37

Tgt Ion: 128 Resp: 48
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 39.6 8.4 12.6#

