

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112322\
 Data File : VY011569.D
 Acq On : 23 Nov 2022 12:50
 Operator : KP/MD
 Sample : N5731-02RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 24 00:37:29 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

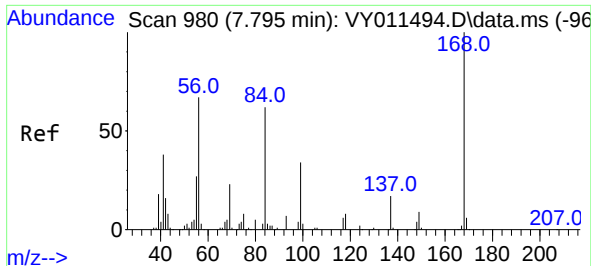
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	73802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	132046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	122725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	46729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	49032	65.430	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.860%	
35) Dibromofluoromethane	7.716	113	45858	56.415	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.840%	
50) Toluene-d8	10.179	98	160246	54.249	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.500%	
62) 4-Bromofluorobenzene	12.483	95	45336	41.511	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.020%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	225	Below Cal	#	44
5) Bromomethane	2.662	94	311	Below Cal		86
11) Tert butyl alcohol	4.942	59	661	Below Cal	#	77
16) Acetone	3.960	43	320	1.315	ug/l #	47
20) Methylene Chloride	4.716	84	8964	Below Cal		97
31) Cyclohexane	7.795	56	1761	1.418	ug/l #	15
36) 1,1-Dichloropropene	7.789	75	5959	4.690	ug/l #	50
38) Carbon Tetrachloride	7.795	117	7768	5.464	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	830	1.144	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	23947	47.586	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	23947	104.229	ug/l #	7
95) Naphthalene	15.245	128	244	4.156	ug/l #	69

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

Quant Time: Nov 24 00:37:29 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

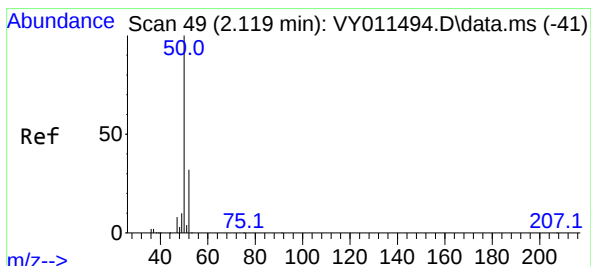
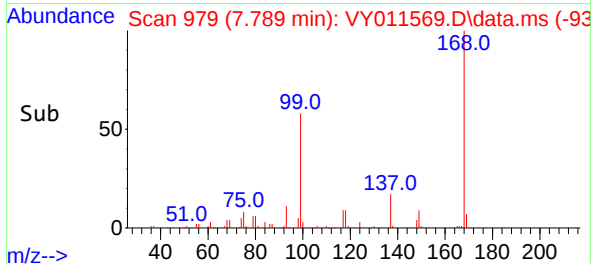
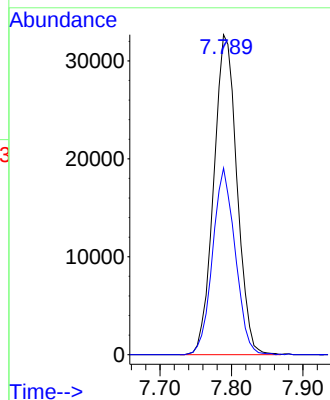
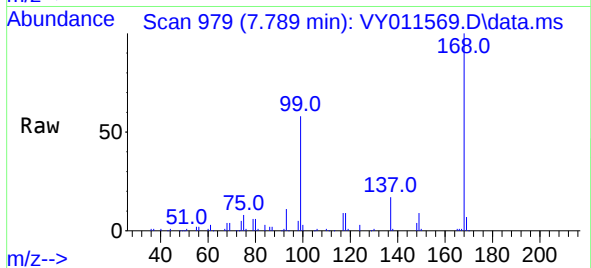




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011569.D
Acq: 23 Nov 2022 12:50

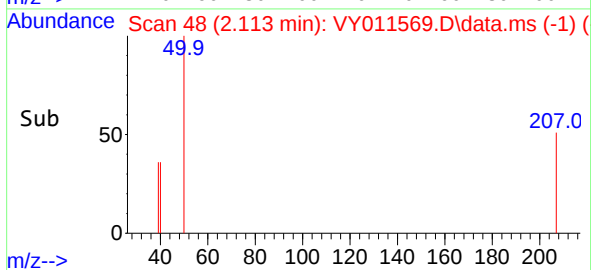
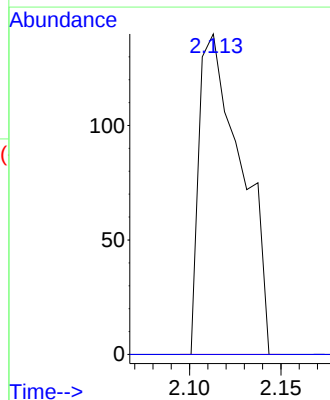
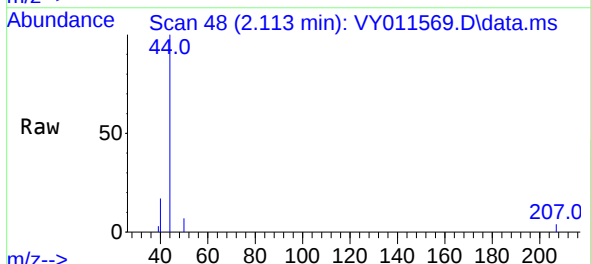
Instrument :
MSVOA_Y
ClientSampleId :

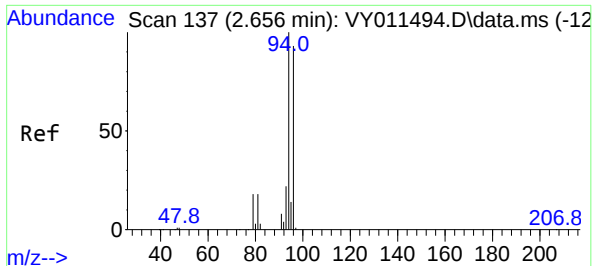
Tgt Ion:168 Resp: 73802
Ion Ratio Lower Upper
168 100
99 58.3 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY011569.D
Acq: 23 Nov 2022 12:50

Tgt Ion: 50 Resp: 225
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

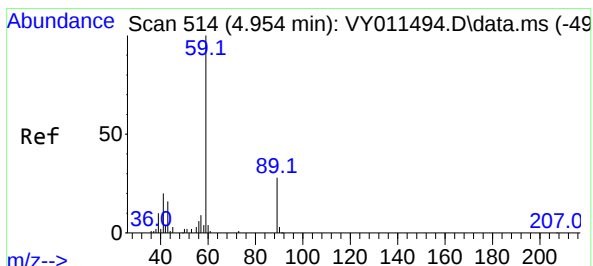
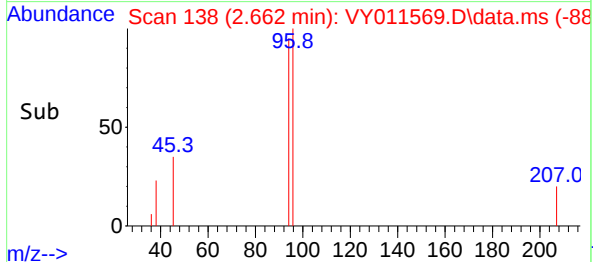
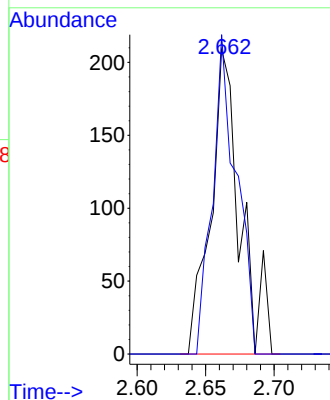
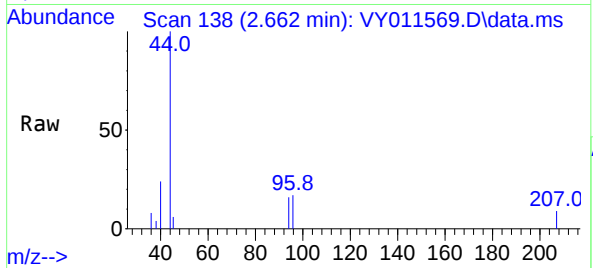




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011569.D
Acq: 23 Nov 2022 12:50

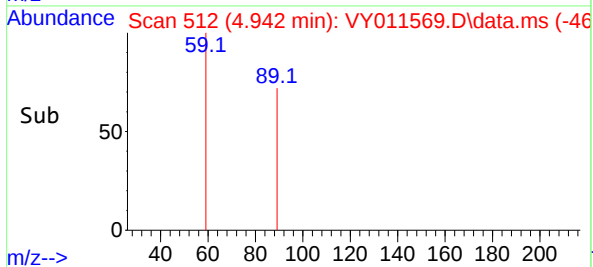
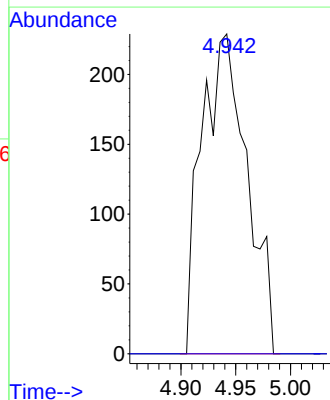
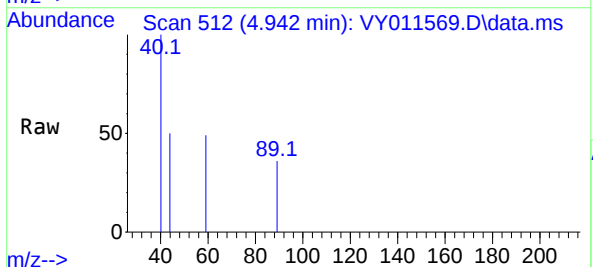
Instrument :
MSVOA_Y
ClientSampleId :

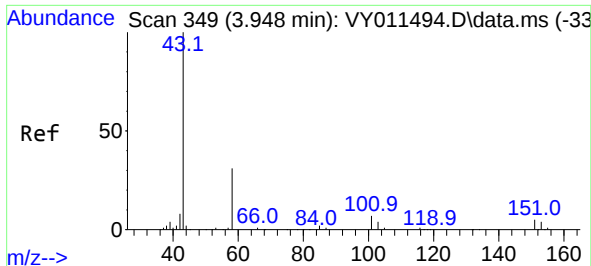
Tgt Ion: 94 Resp: 311
Ion Ratio Lower Upper
94 100
96 104.8 73.5 110.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY011569.D
Acq: 23 Nov 2022 12:50

Tgt Ion: 59 Resp: 661
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

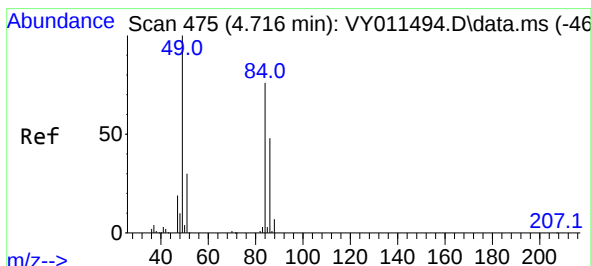
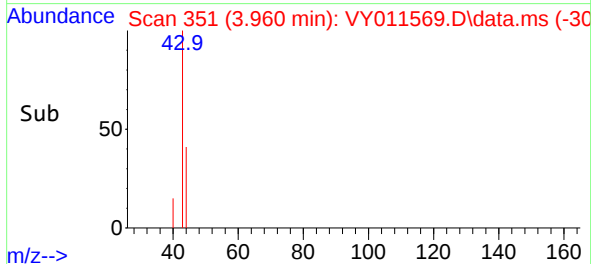
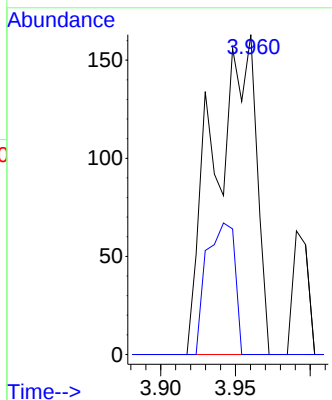
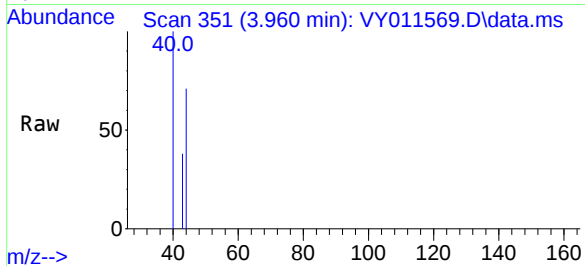




#16
Acetone
Concen: 1.315 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY011569.D
Acq: 23 Nov 2022 12:50

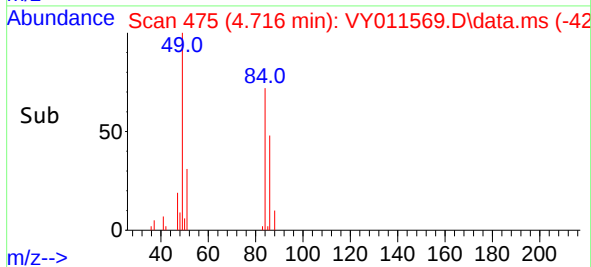
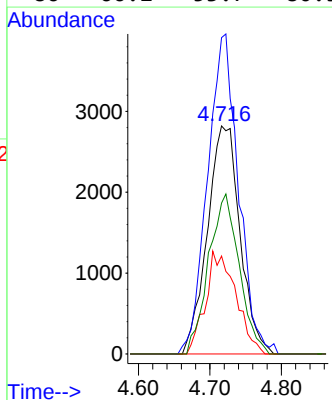
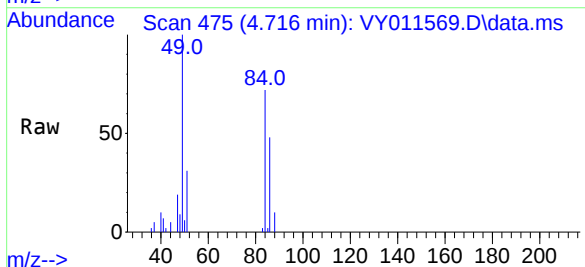
Instrument :
MSVOA_Y
ClientSampleId :

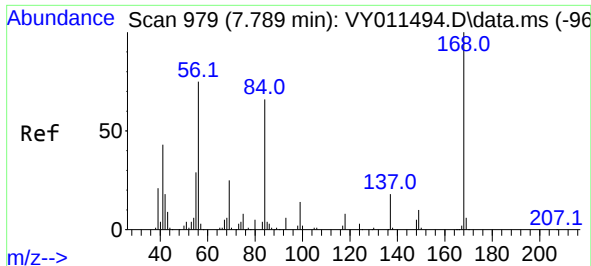
Tgt Ion: 43 Resp: 320
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011569.D
Acq: 23 Nov 2022 12:50

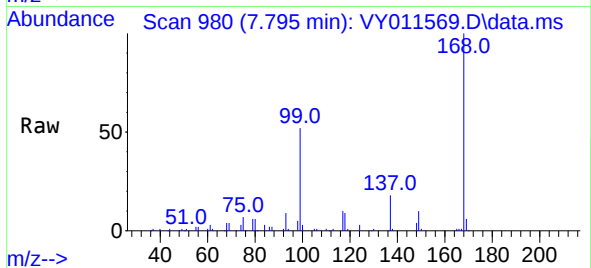
Tgt Ion: 84 Resp: 8964
Ion Ratio Lower Upper
84 100
49 138.7 114.4 171.6
51 42.9 35.3 52.9
86 66.2 53.7 80.5



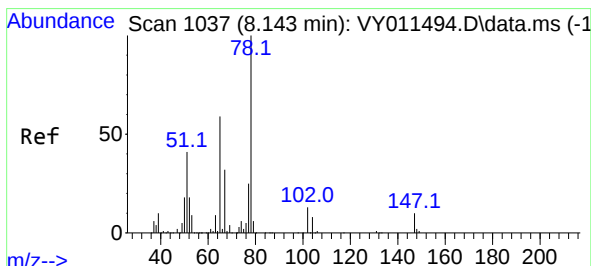
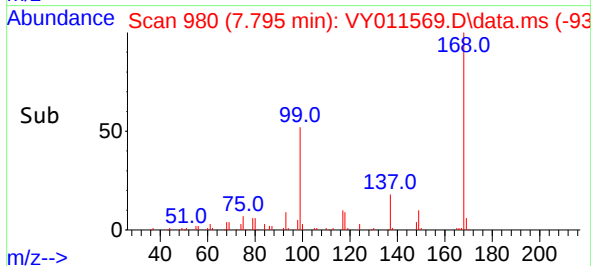
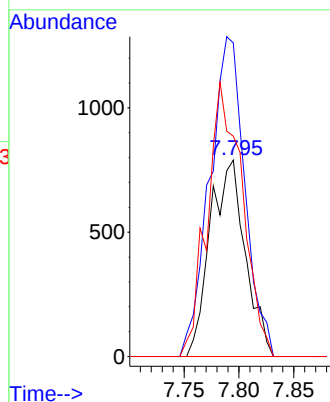


#31
Cyclohexane
Concen: 1.418 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011569.D
Acq: 23 Nov 2022 12:50

Instrument :
MSVOA_Y
ClientSampleId :

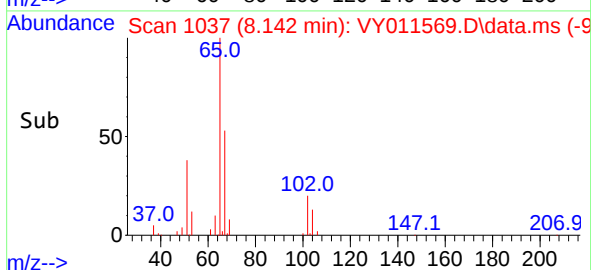
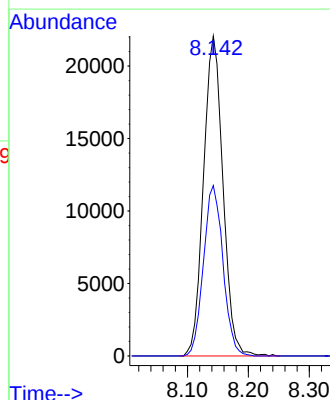
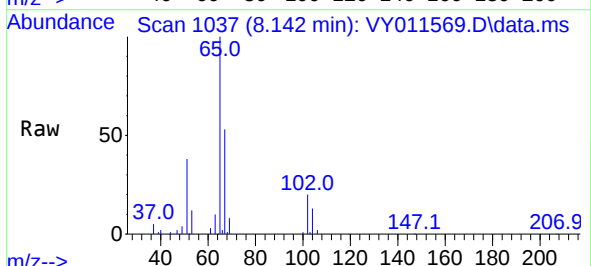


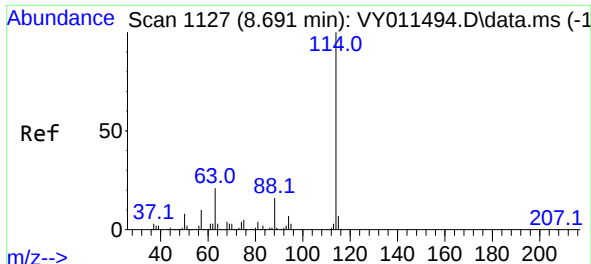
Tgt Ion: 56 Resp: 1761
Ion Ratio Lower Upper
56 100
69 159.6 26.7 40.1#
84 112.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 65.430 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011569.D
Acq: 23 Nov 2022 12:50

Tgt Ion: 65 Resp: 49032
Ion Ratio Lower Upper
65 100
67 53.3 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: VY011569.D

Acq: 23 Nov 2022 12:50

Instrument :

MSVOA_Y

ClientSampleId :

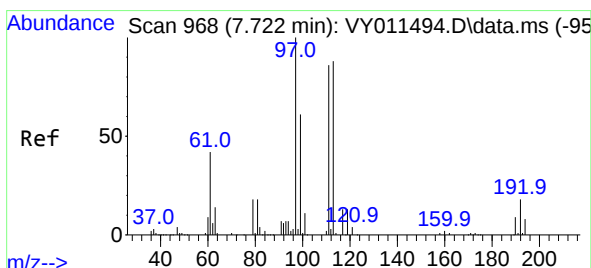
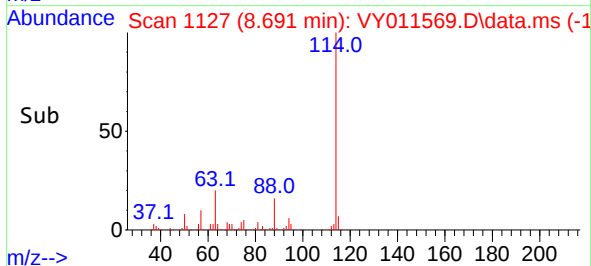
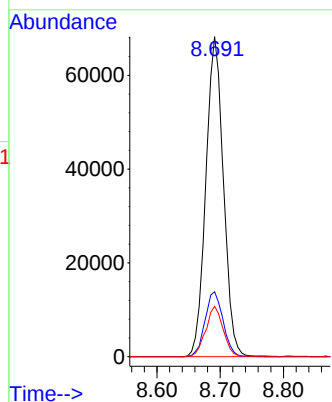
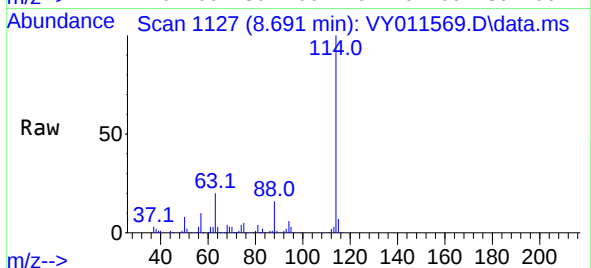
Tgt Ion:114 Resp: 132046

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

88 15.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.415 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011569.D

Acq: 23 Nov 2022 12:50

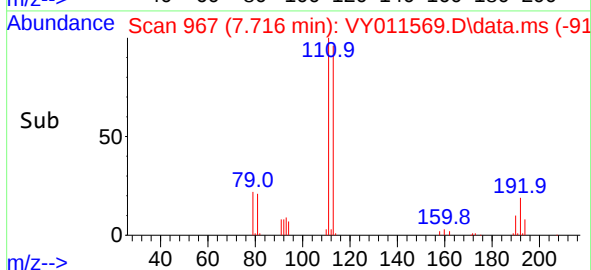
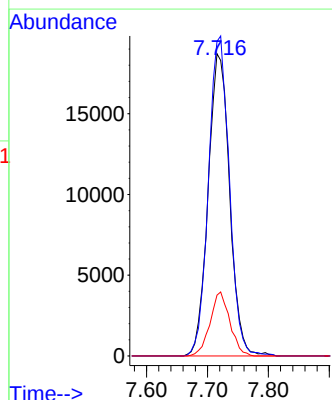
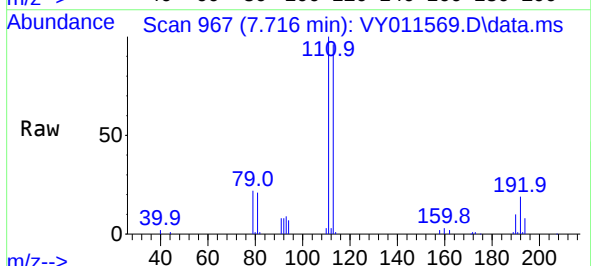
Tgt Ion:113 Resp: 45858

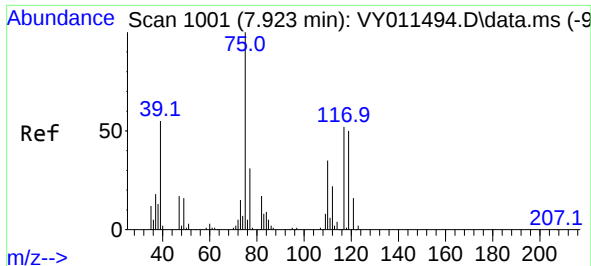
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

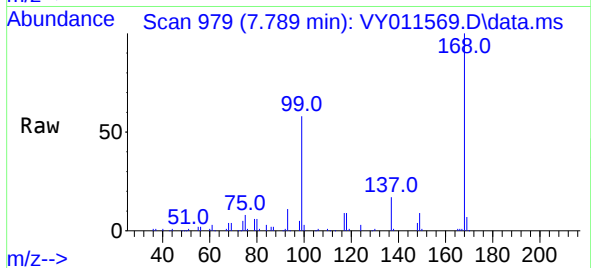
192 19.5 17.6 26.4



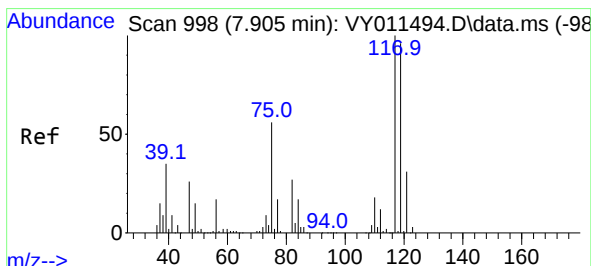
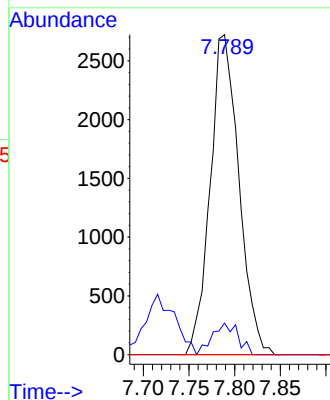
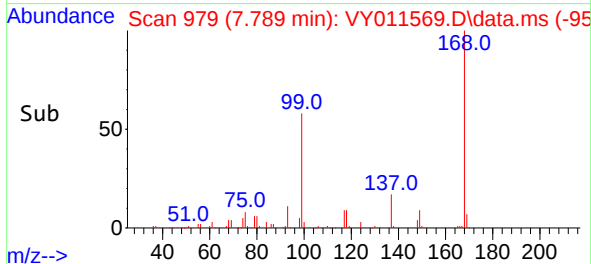


#36
1,1-Dichloropropene
Concen: 4.690 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011569.D
Acq: 23 Nov 2022 12:50

Instrument :
MSVOA_Y
ClientSampleId :

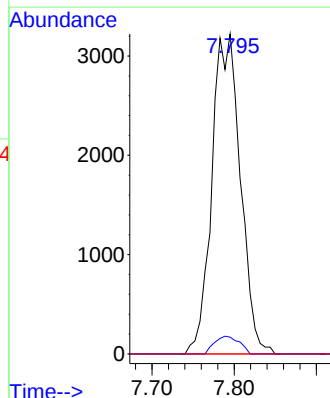
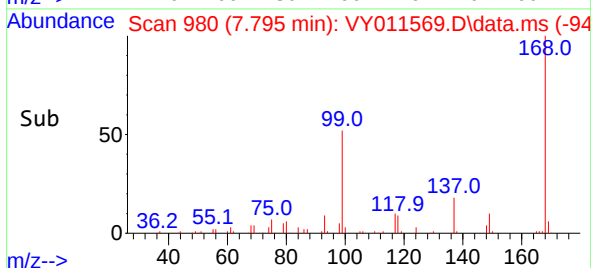
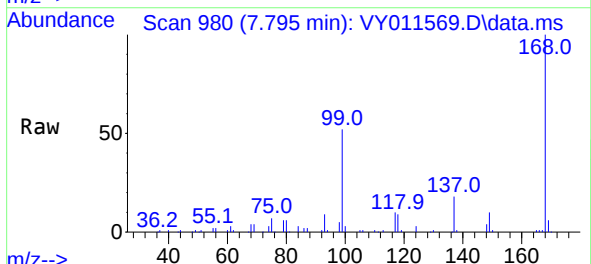


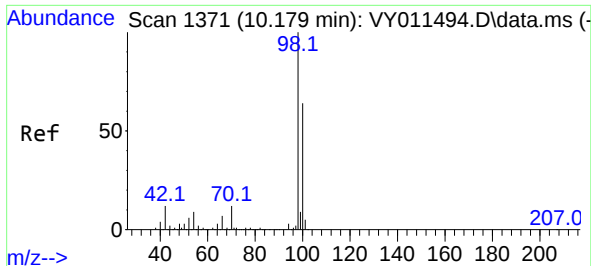
Tgt Ion: 75 Resp: 5959
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.464 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY011569.D
Acq: 23 Nov 2022 12:50

Tgt Ion: 117 Resp: 7768
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#

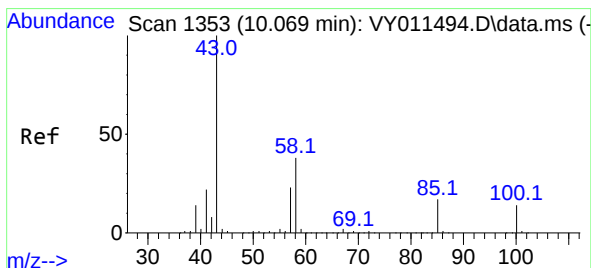
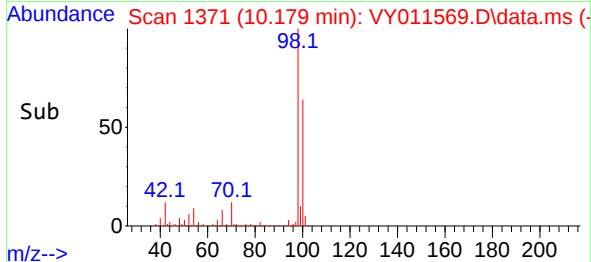
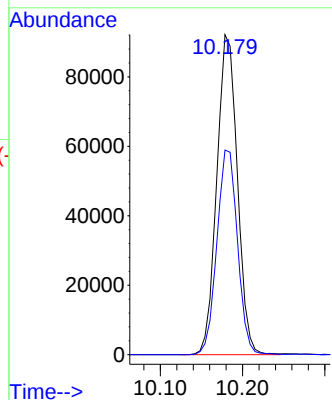
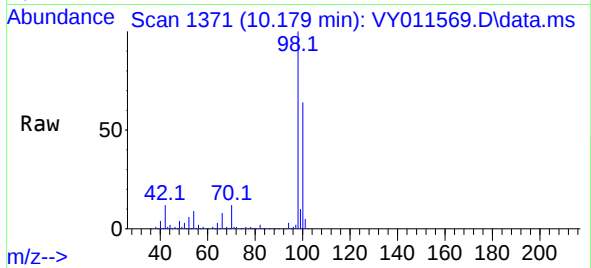




#50
Toluene-d8
Concen: 54.249 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011569.D
Acq: 23 Nov 2022 12:50

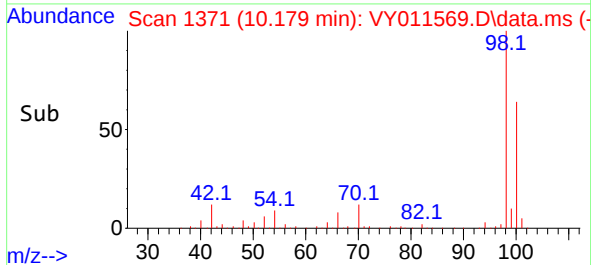
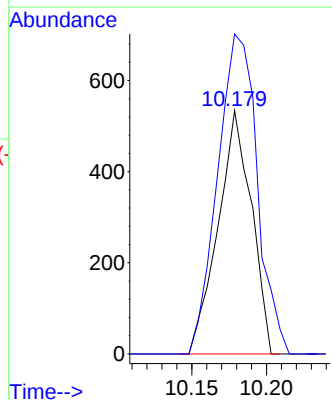
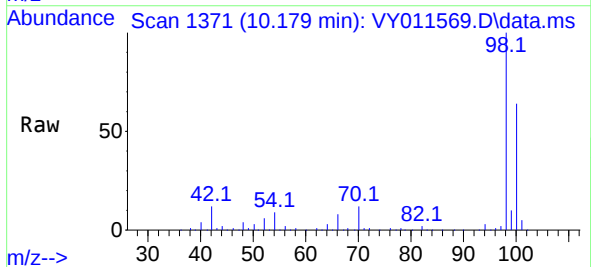
Instrument :
MSVOA_Y
ClientSampleId :

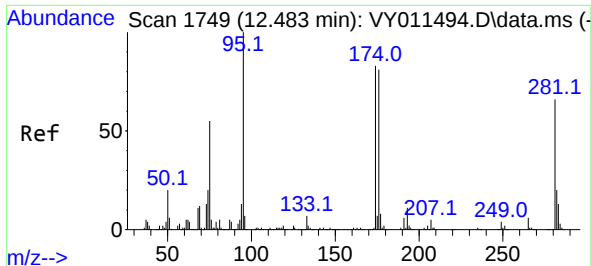
Tgt Ion: 98 Resp: 160246
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.144 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY011569.D
Acq: 23 Nov 2022 12:50

Tgt Ion: 43 Resp: 830
Ion Ratio Lower Upper
43 100
58 155.8 28.1 42.1#





#62

4-Bromofluorobenzene

Concen: 41.511 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011569.D

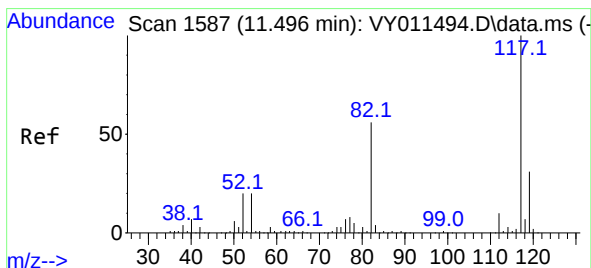
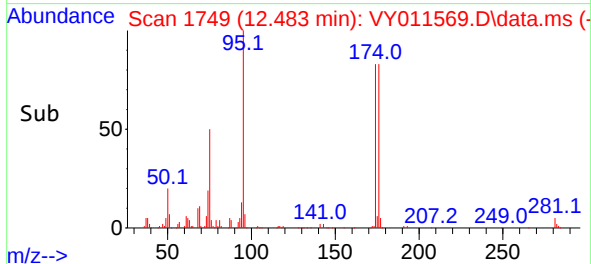
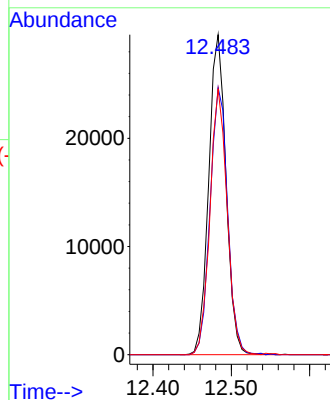
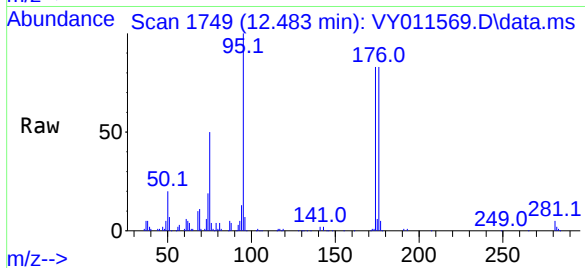
Acq: 23 Nov 2022 12:50

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	95	Resp:	45336
Ion Ratio	Lower	Upper	
95	100		
174	84.8	0.0	177.0
176	82.4	0.0	175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

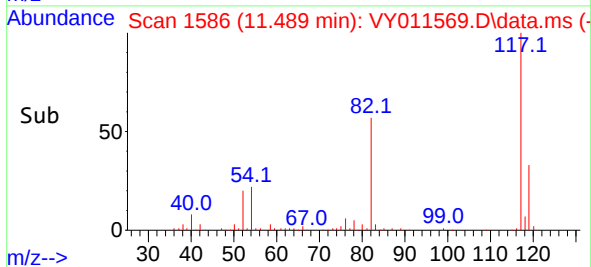
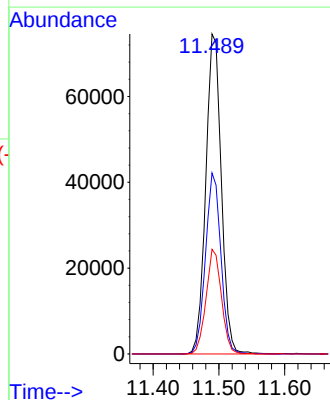
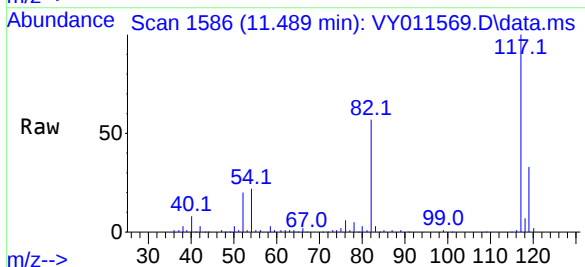
RT: 11.489 min Scan# 1586

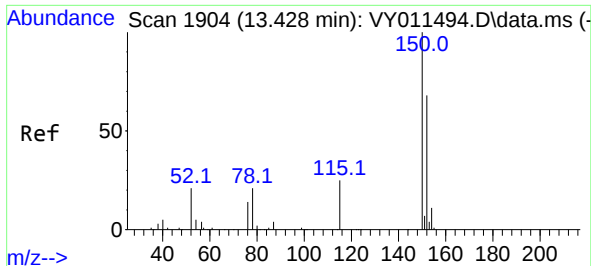
Delta R.T. -0.007 min

Lab File: VY011569.D

Acq: 23 Nov 2022 12:50

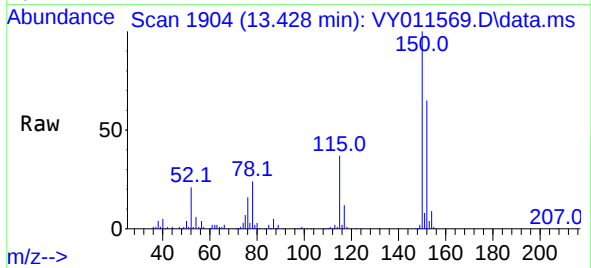
Tgt Ion:	117	Resp:	122725
Ion Ratio	Lower	Upper	
117	100		
82	56.5	43.0	64.4
119	32.7	25.4	38.0



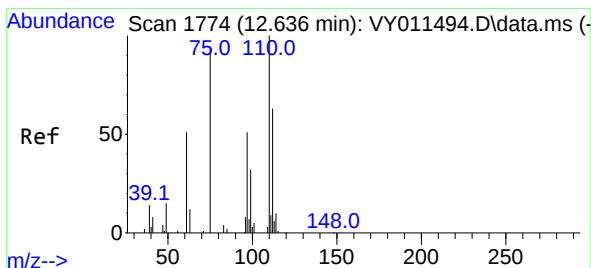
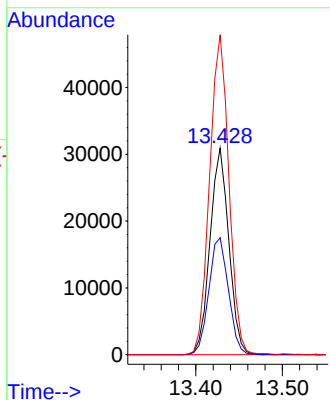
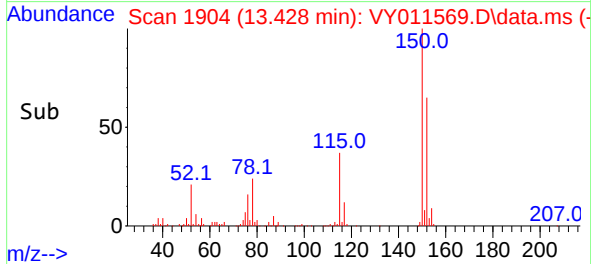


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011569.D
Acq: 23 Nov 2022 12:50

Instrument :
MSVOA_Y
ClientSampleId :

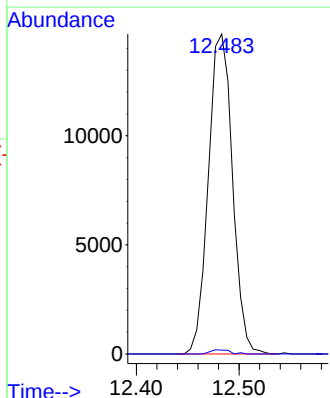
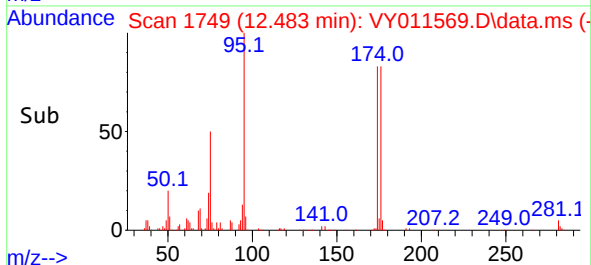
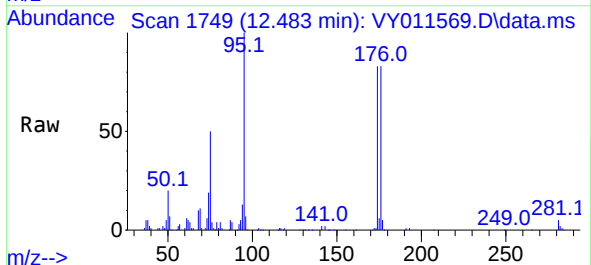


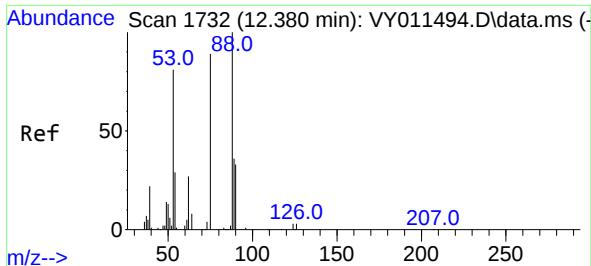
Tgt Ion:152 Resp: 46729
Ion Ratio Lower Upper
152 100
115 58.9 28.2 84.7
150 158.5 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 47.586 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011569.D
Acq: 23 Nov 2022 12:50

Tgt Ion: 75 Resp: 23947
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

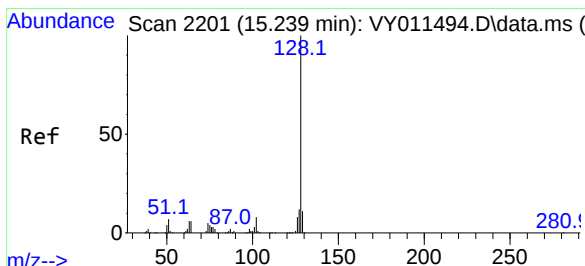
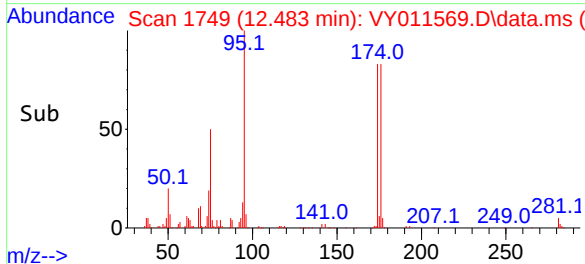
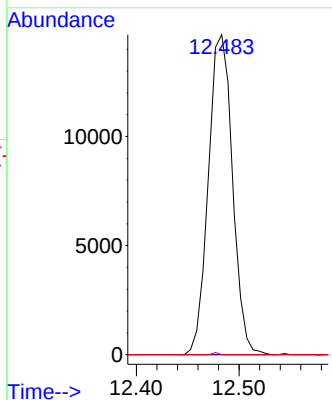
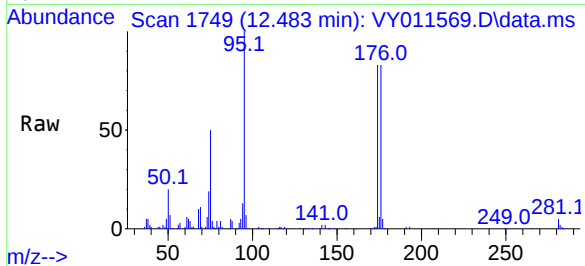




#81
trans-1,4-Dichloro-2-butene
Concen: 104.229 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY011569.D
Acq: 23 Nov 2022 12:50

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 23947
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#



#95
Naphthalene
Concen: 4.156 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY011569.D
Acq: 23 Nov 2022 12:50

Tgt Ion:128 Resp: 244
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

