

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122322\
 Data File : VY012005.D
 Acq On : 23 Dec 2022 18:09
 Operator : KP/MD
 Sample : N6098-07
 Misc : 5.32g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 23 22:26:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

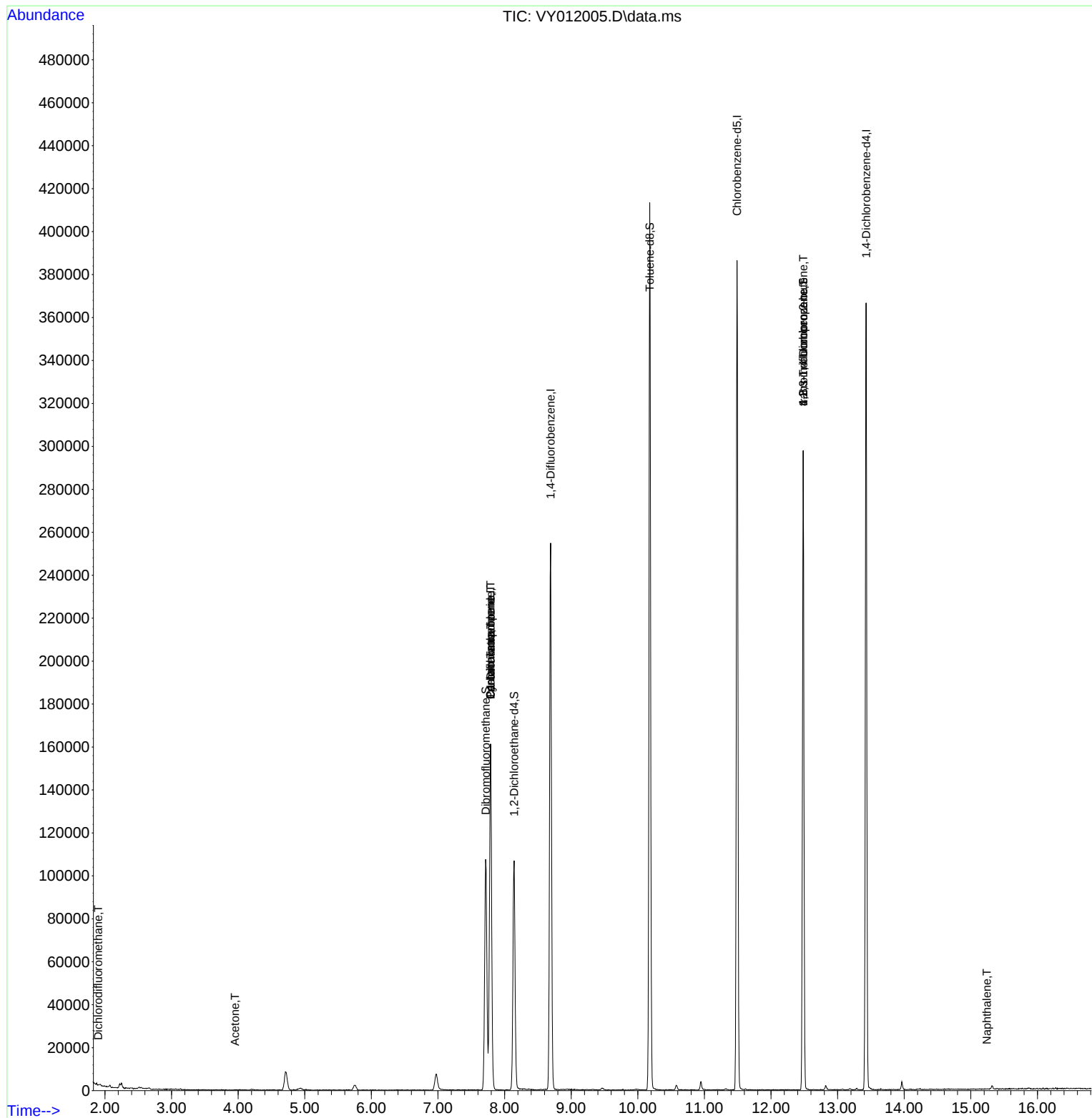
Internal Standards						
1) Pentafluorobenzene	7.789	168	124590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	221958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	215963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	86911	69.240	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.480%	
35) Dibromofluoromethane	7.716	113	73475	54.986	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.980%	
50) Toluene-d8	10.179	98	270908	49.969	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.940%	
62) 4-Bromofluorobenzene	12.483	95	86555	47.470	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.940%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	19	2.486	ug/l #	41
11) Tert butyl alcohol	4.924	59	1190	Below Cal	#	74
16) Acetone	3.954	43	224	5.460	ug/l #	40
20) Methylene Chloride	4.716	84	7275	Below Cal	#	81
31) Cyclohexane	7.789	56	2266	1.072	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9025	4.211	ug/l #	43
38) Carbon Tetrachloride	7.789	117	12176	4.919	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	44999	37.688	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44999	103.209	ug/l #	13
95) Naphthalene	15.239	128	61	2.795	ug/l #	69

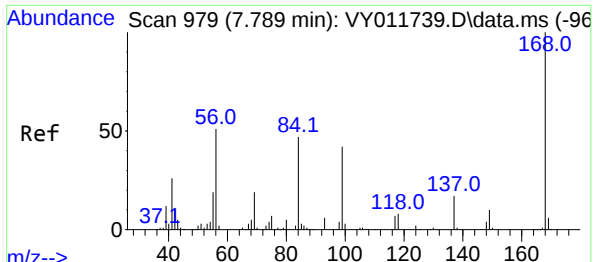
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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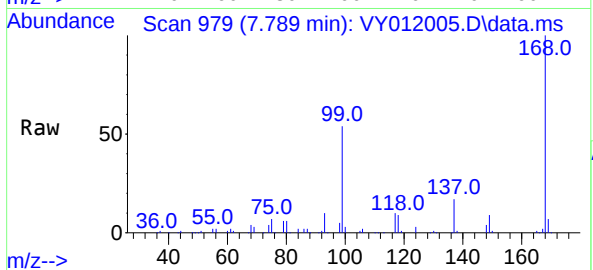
Quant Time: Dec 23 22:26:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
Response via : Initial Calibration



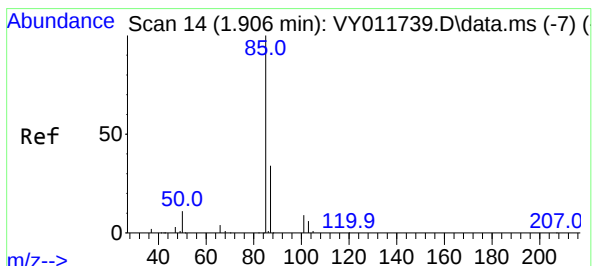
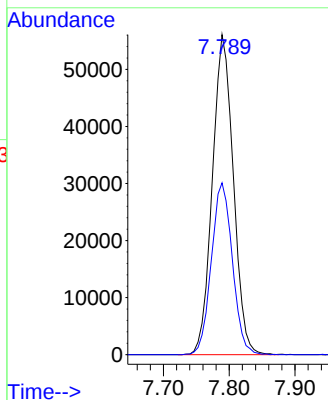
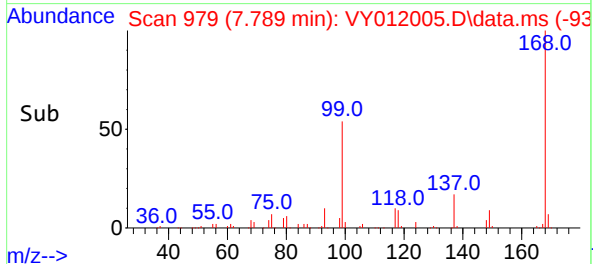


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012005.D
Acq: 23 Dec 2022 18:09

Instrument :
MSVOA_Y
ClientSampleId :

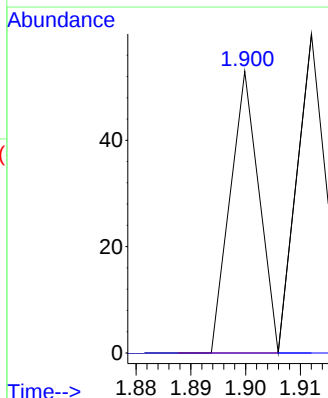
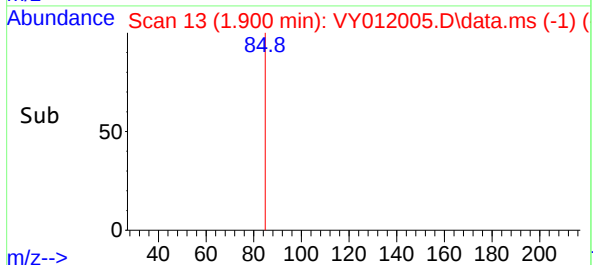
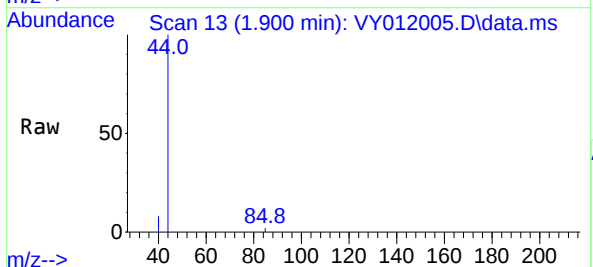


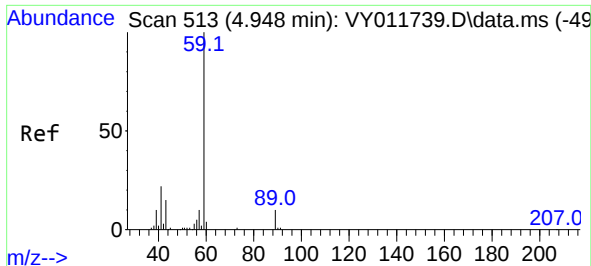
Tgt Ion:168 Resp: 124590
Ion Ratio Lower Upper
168 100
99 53.7 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 2.486 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY012005.D
Acq: 23 Dec 2022 18:09

Tgt Ion: 85 Resp: 19
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.924 min Scan# 50

Delta R.T. -0.024 min

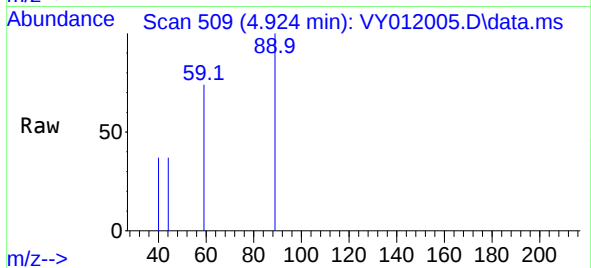
Lab File: VY012005.D

Acq: 23 Dec 2022 18:09

Instrument :

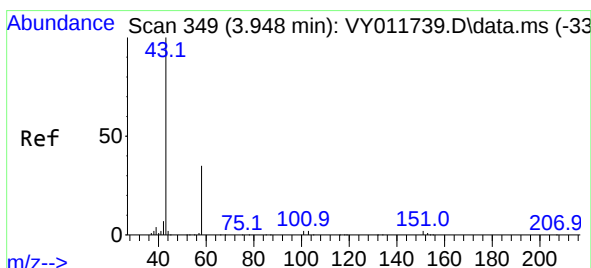
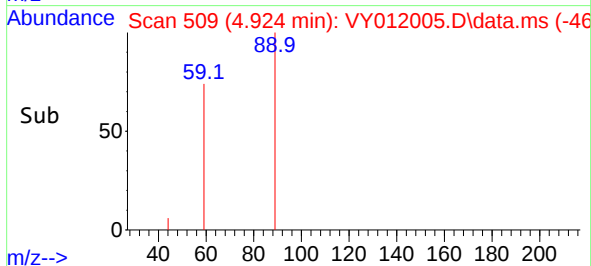
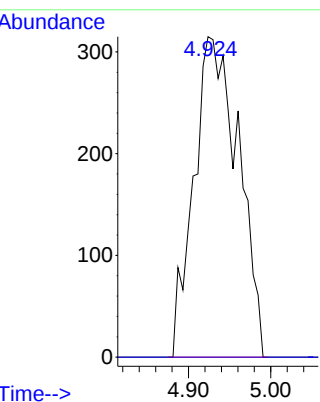
MSVOA_Y

ClientSampleId :



Tgt Ion: 59 Resp: 1190

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.4	11.2#



#16

Acetone

Concen: 5.460 ug/l

RT: 3.954 min Scan# 350

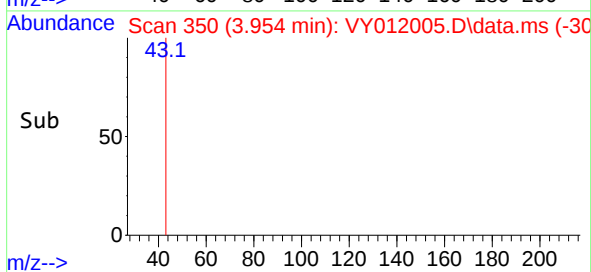
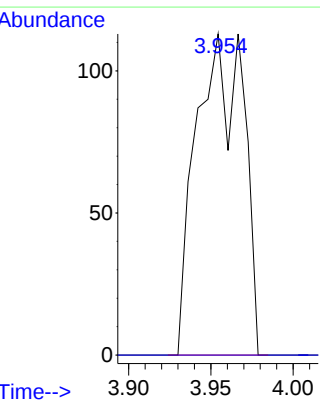
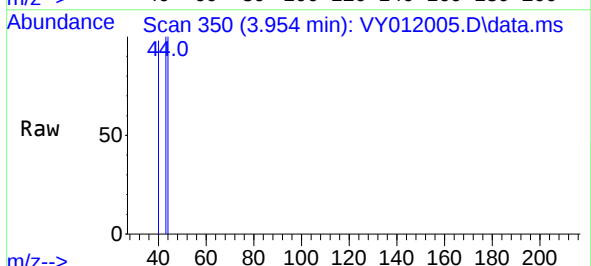
Delta R.T. 0.006 min

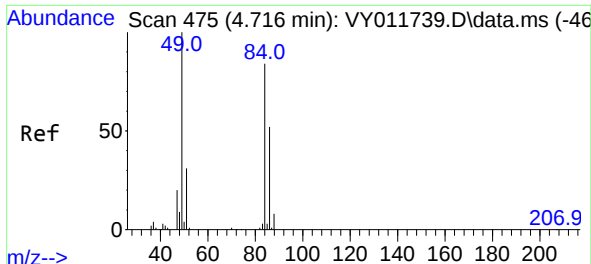
Lab File: VY012005.D

Acq: 23 Dec 2022 18:09

Tgt Ion: 43 Resp: 224

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.9	41.9#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 41

Delta R.T. 0.000 min

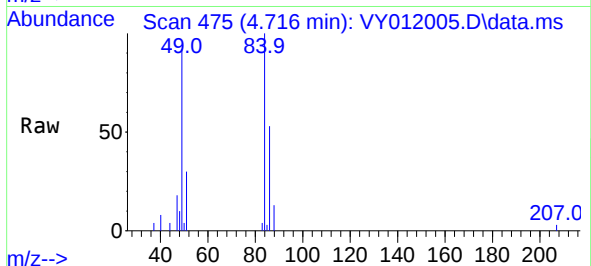
Lab File: VY012005.D

Acq: 23 Dec 2022 18:09

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 7275

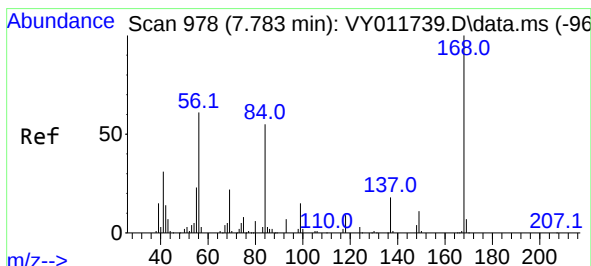
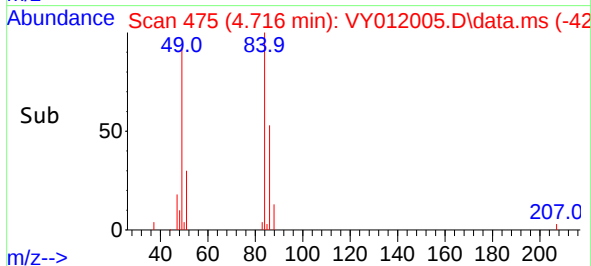
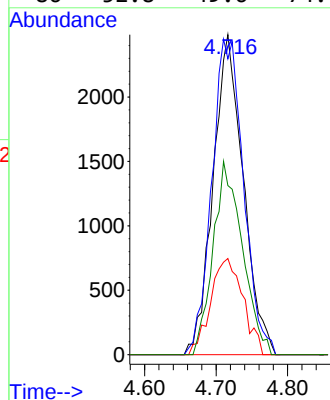
Ion Ratio Lower Upper

84 100

49 92.5 95.4 143.2#

51 30.0 29.9 44.9

86 52.8 49.6 74.4



#31

Cyclohexane

Concen: 1.072 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY012005.D

Acq: 23 Dec 2022 18:09

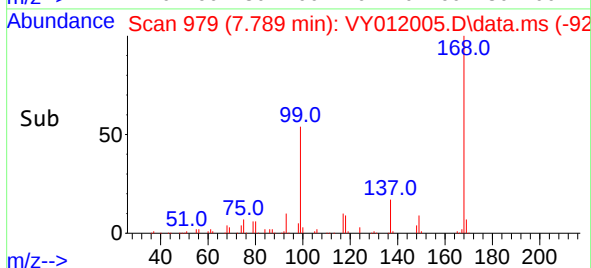
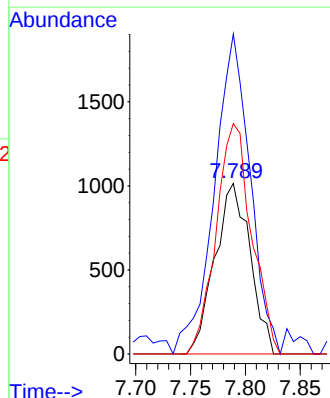
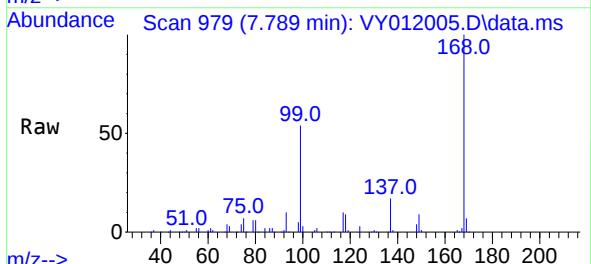
Tgt Ion: 56 Resp: 2266

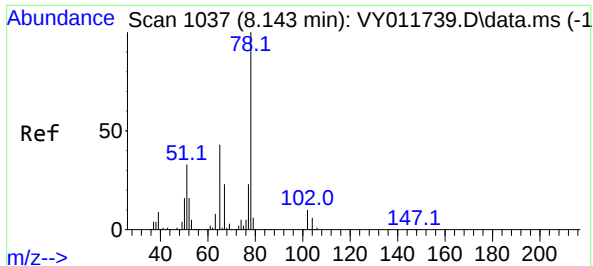
Ion Ratio Lower Upper

56 100

69 187.6 29.2 43.8#

84 135.1 72.6 108.8#

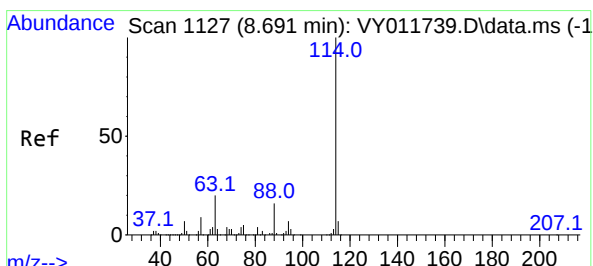
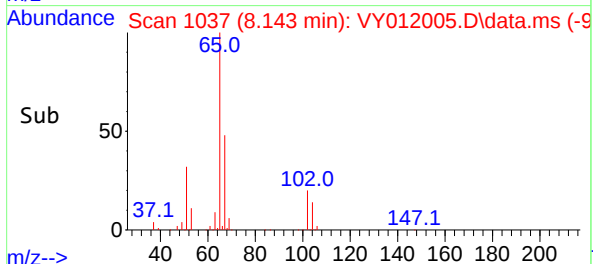
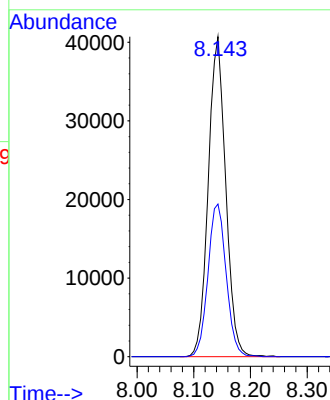
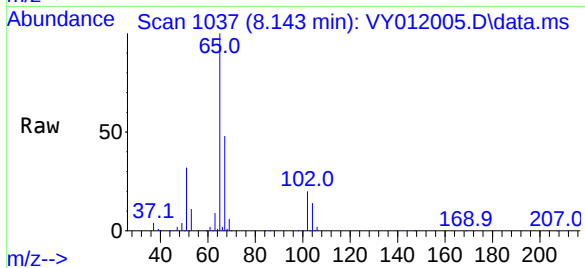




#33
1,2-Dichloroethane-d4
Concen: 69.240 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012005.D
Acq: 23 Dec 2022 18:09

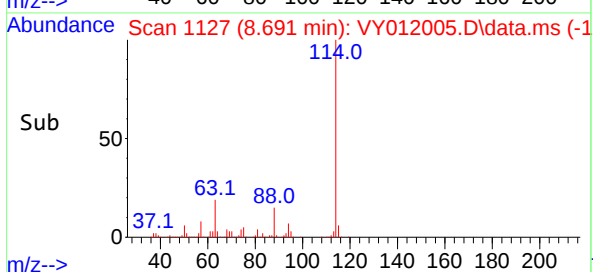
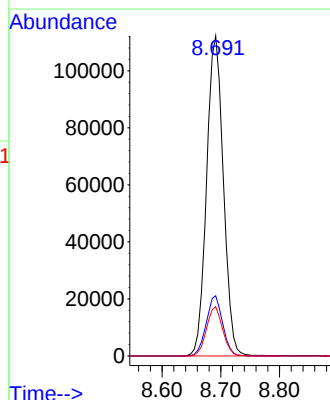
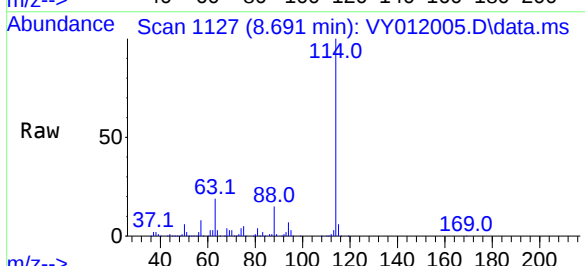
Instrument :
MSVOA_Y
ClientSampleId :

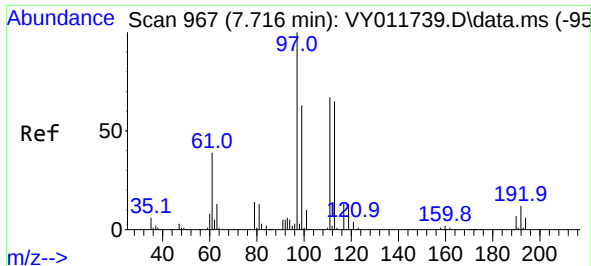
Tgt Ion: 65 Resp: 86911
Ion Ratio Lower Upper
65 100
67 49.8 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012005.D
Acq: 23 Dec 2022 18:09

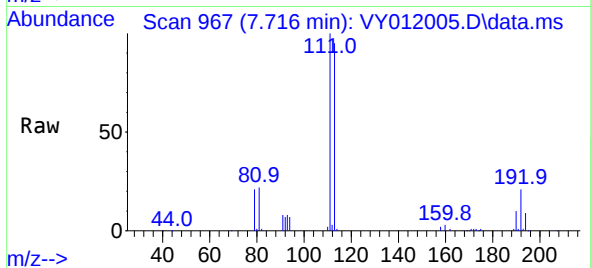
Tgt Ion: 114 Resp: 221958
Ion Ratio Lower Upper
114 100
63 18.8 0.0 39.6
88 15.4 0.0 32.2



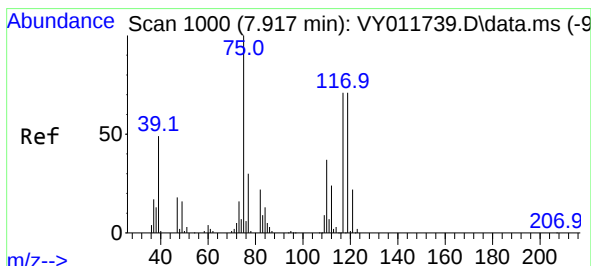
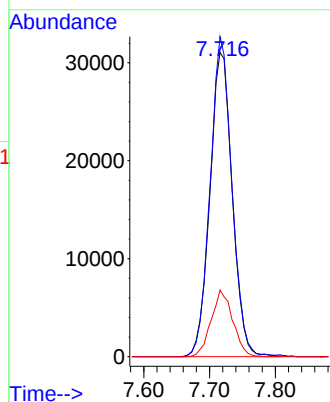
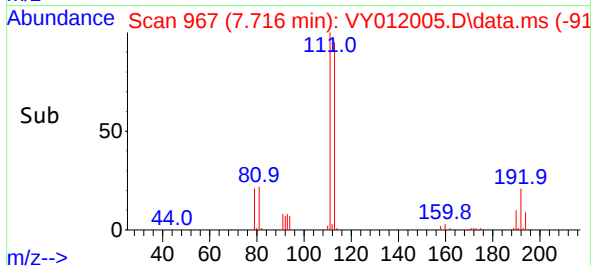


#35
Dibromofluoromethane
Concen: 54.986 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY012005.D
Acq: 23 Dec 2022 18:09

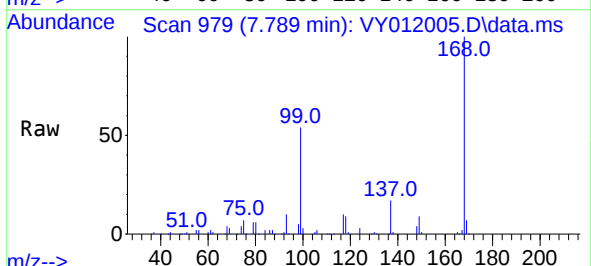
Instrument :
MSVOA_Y
ClientSampleId :



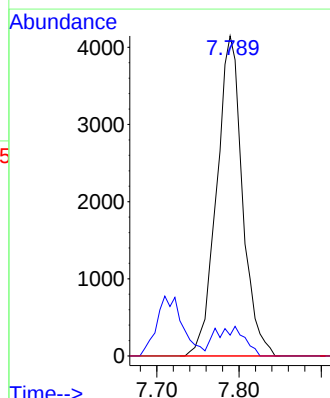
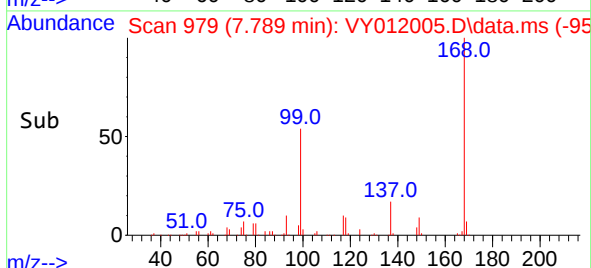
Tgt Ion:113 Resp: 73475
Ion Ratio Lower Upper
113 100
111 102.7 83.0 124.4
192 21.2 16.0 24.0

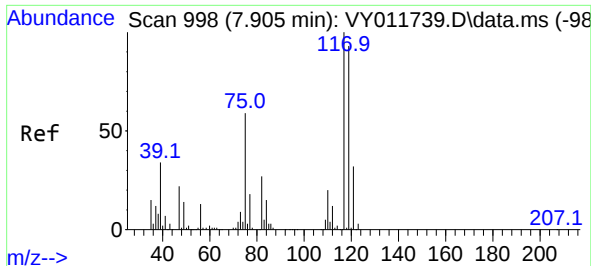


#36
1,1-Dichloropropene
Concen: 4.211 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012005.D
Acq: 23 Dec 2022 18:09



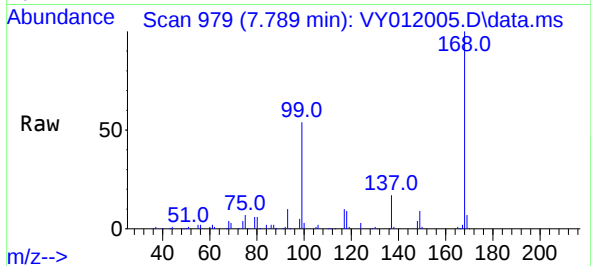
Tgt Ion: 75 Resp: 9025
Ion Ratio Lower Upper
75 100
110 2.4 18.1 54.1#
77 0.0 25.1 37.7#



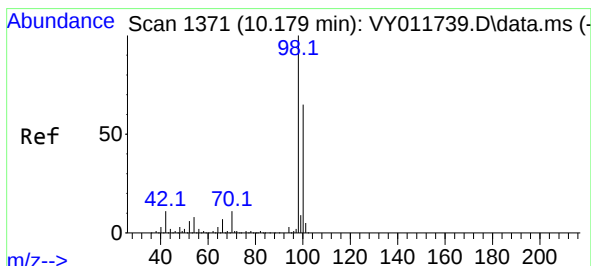
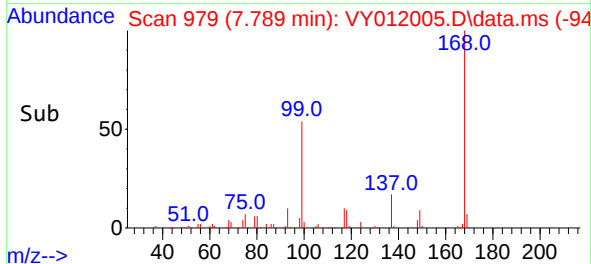
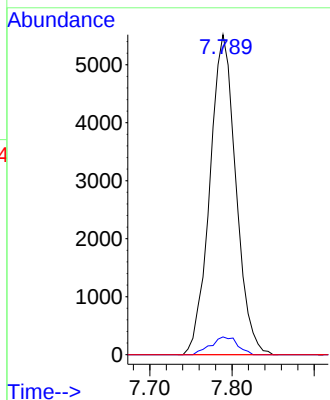


#38
Carbon Tetrachloride
Concen: 4.919 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY012005.D
Acq: 23 Dec 2022 18:09

Instrument :
MSVOA_Y
ClientSampleId :

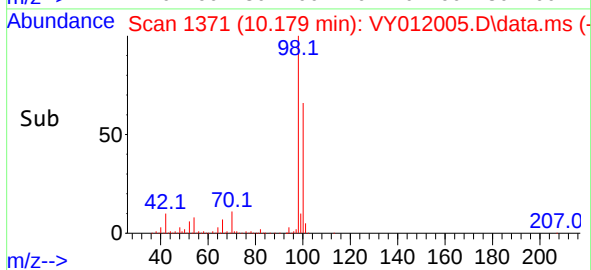
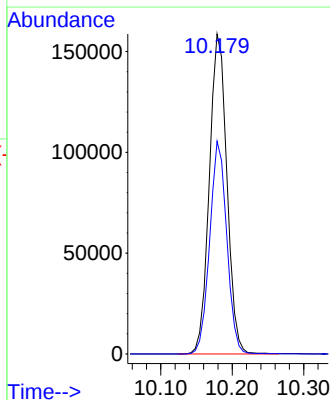
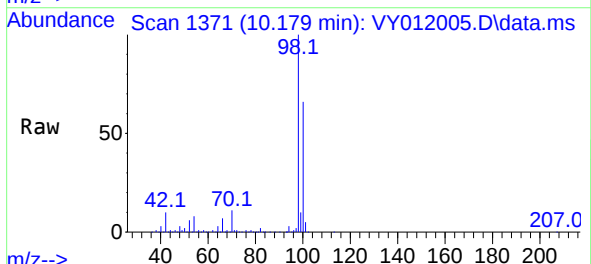


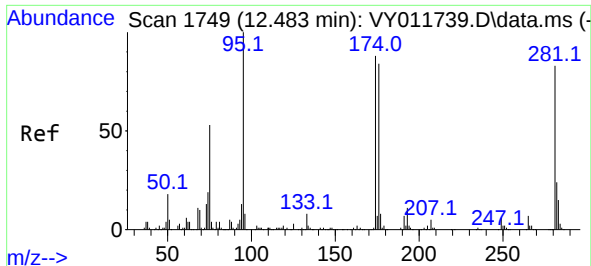
Tgt Ion:117 Resp: 12176
Ion Ratio Lower Upper
117 100
119 5.5 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 49.969 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012005.D
Acq: 23 Dec 2022 18:09

Tgt Ion: 98 Resp: 270908
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

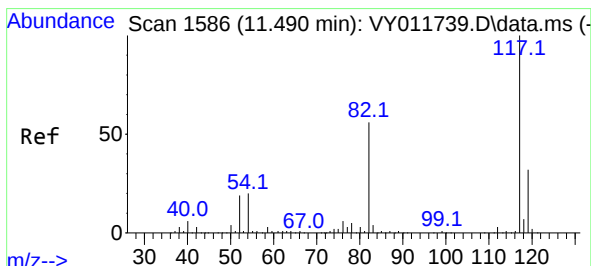
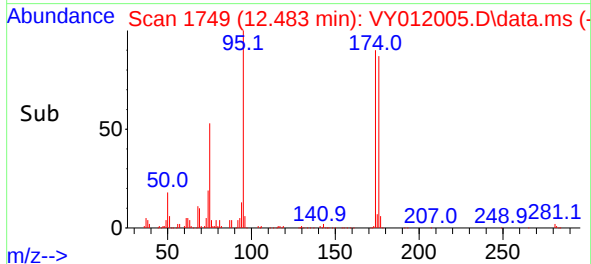
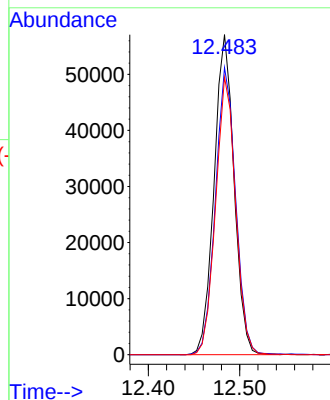
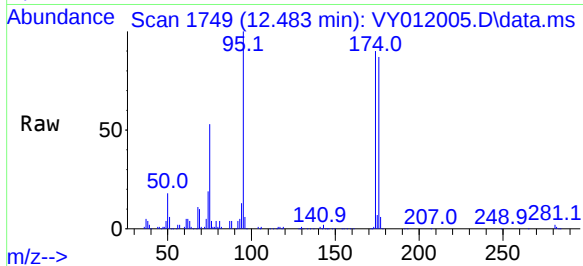




#62
4-Bromofluorobenzene
Concen: 47.470 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012005.D
Acq: 23 Dec 2022 18:09

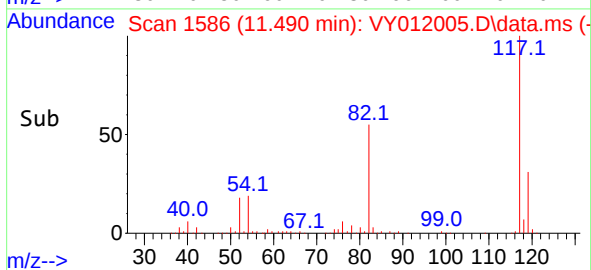
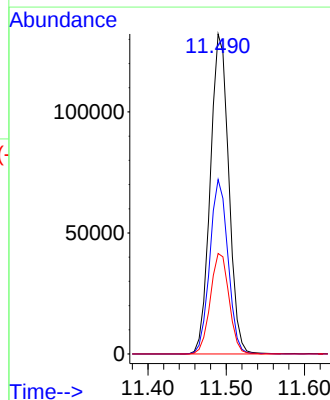
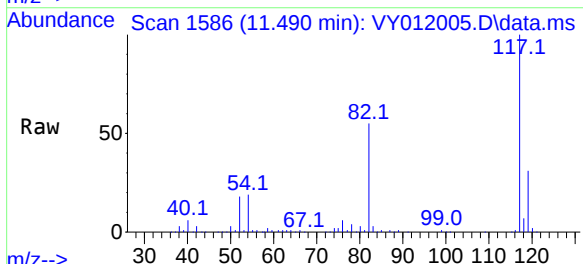
Instrument :
MSVOA_Y
ClientSampleId :

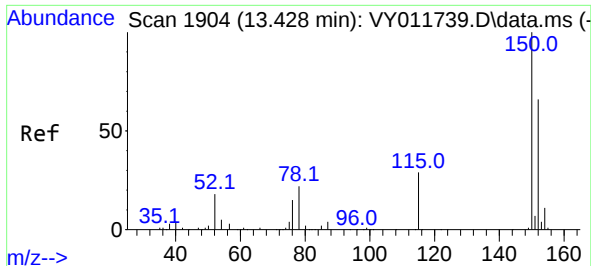
Tgt Ion: 95 Resp: 86555
Ion Ratio Lower Upper
95 100
174 91.1 0.0 172.0
176 86.8 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012005.D
Acq: 23 Dec 2022 18:09

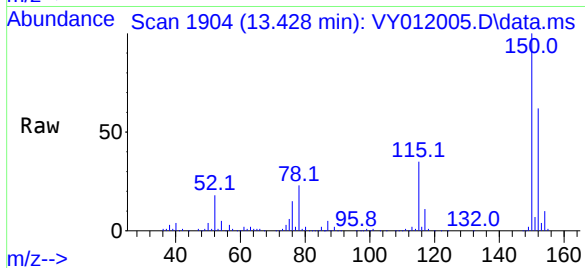
Tgt Ion: 117 Resp: 215963
Ion Ratio Lower Upper
117 100
82 54.5 44.8 67.2
119 31.4 25.4 38.2



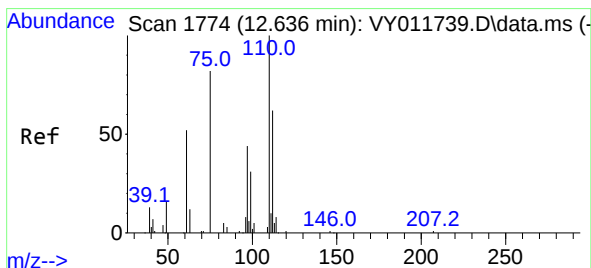
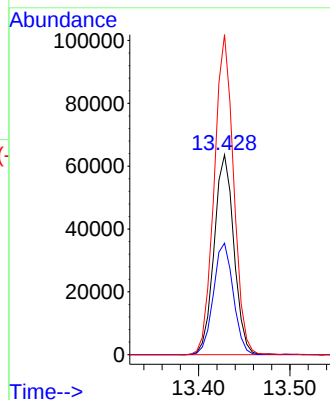
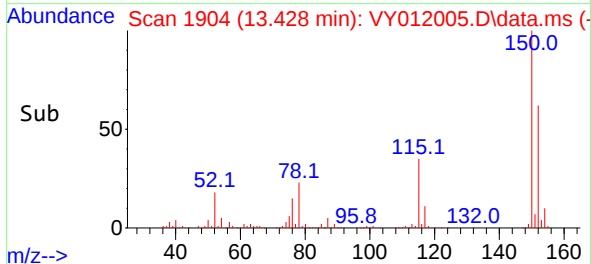


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY012005.D
 Acq: 23 Dec 2022 18:09

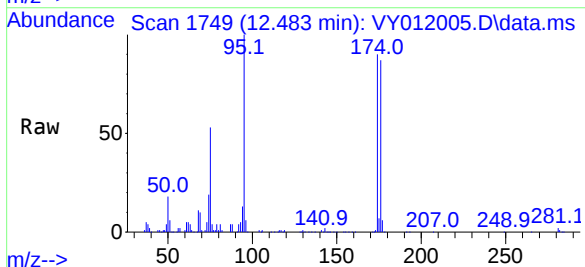
Instrument :
 MSVOA_Y
 ClientSampleId :



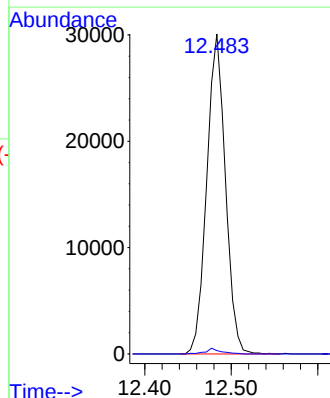
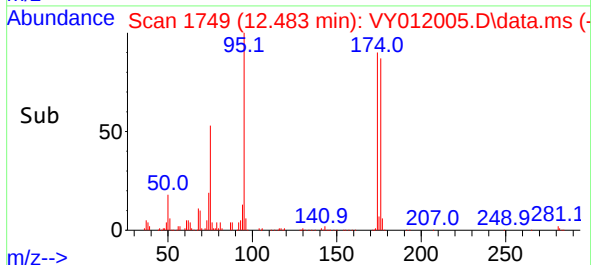
Tgt Ion:152 Resp: 95954
 Ion Ratio Lower Upper
 152 100
 115 56.1 29.1 87.3
 150 157.3 0.0 342.6

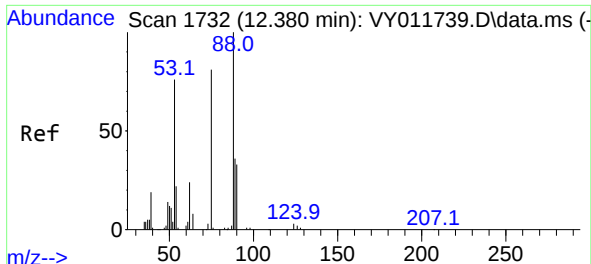


#76
 1,2,3-Trichloropropane
 Concen: 37.688 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY012005.D
 Acq: 23 Dec 2022 18:09



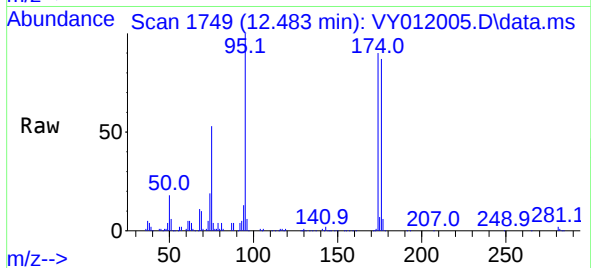
Tgt Ion: 75 Resp: 44999
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



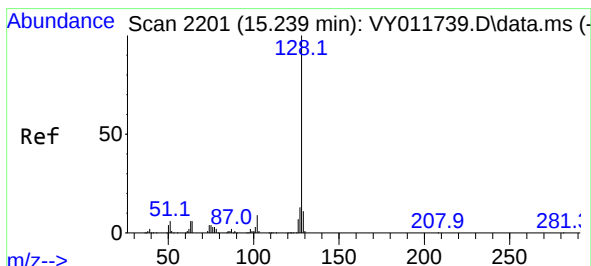
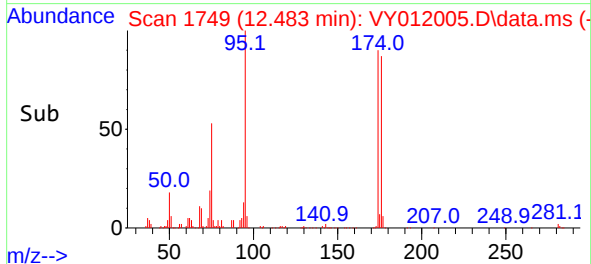
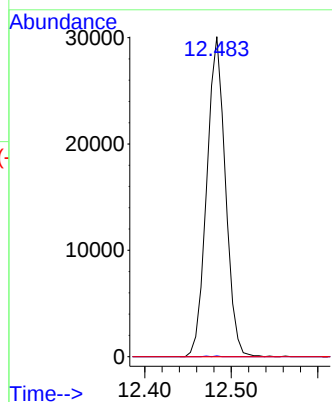


#81
trans-1,4-Dichloro-2-butene
Concen: 103.209 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY012005.D
Acq: 23 Dec 2022 18:09

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 44999
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 2.795 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY012005.D
Acq: 23 Dec 2022 18:09

Tgt Ion:128 Resp: 61
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.8 13.2#

