

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122322\
 Data File : VY012006.D
 Acq On : 23 Dec 2022 18:32
 Operator : KP/MD
 Sample : N6098-11
 Misc : 6.19g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 23 22:27:02 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	192501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	339658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	318929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143186	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	115969	59.796	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.600%
35) Dibromofluoromethane	7.722	113	106584	52.123	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.240%
50) Toluene-d8	10.179	98	412326	49.699	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.400%
62) 4-Bromofluorobenzene	12.483	95	129940	46.569	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.140%

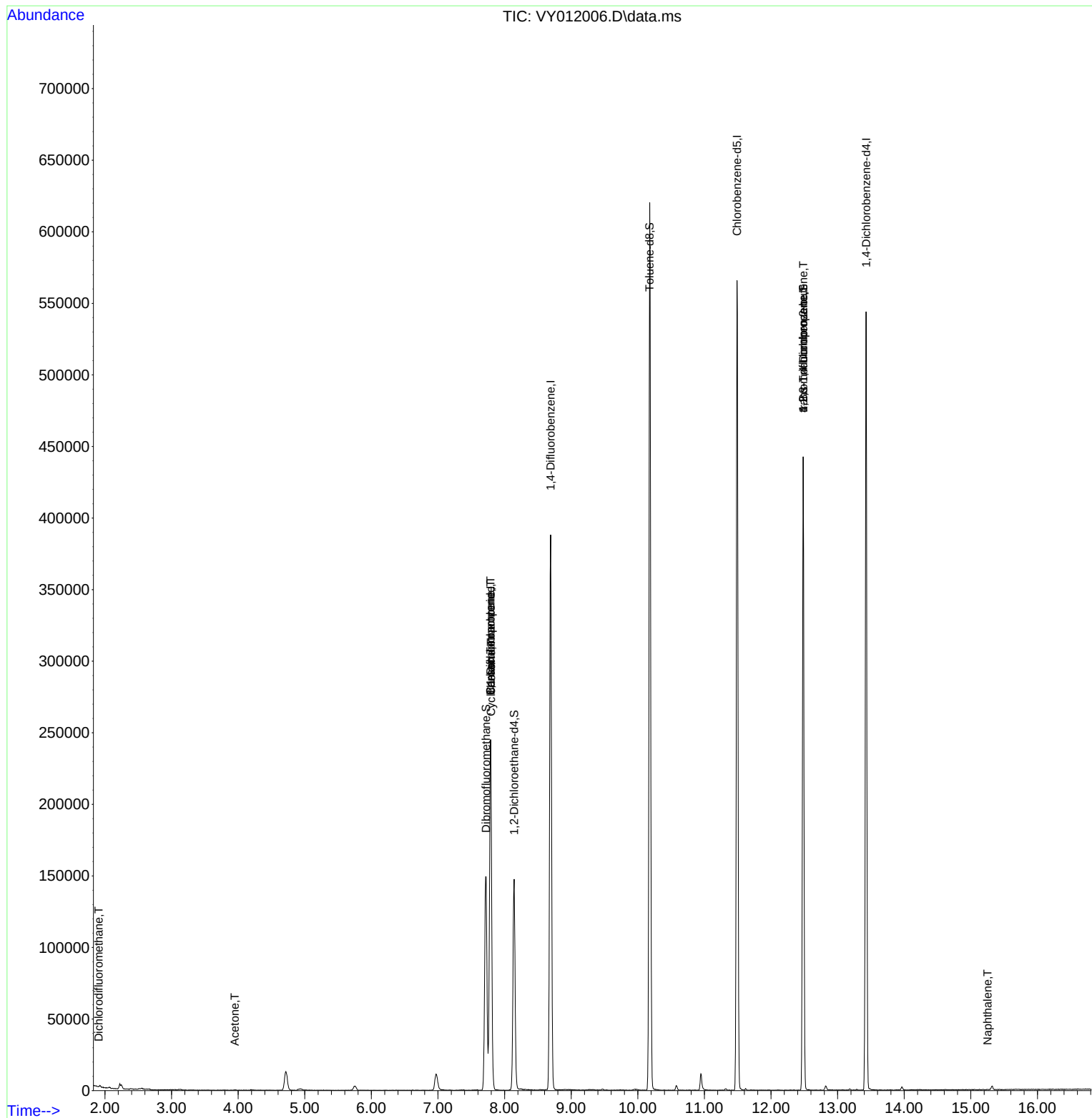
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	352	2.685	ug/l #	41
11) Tert butyl alcohol	4.936	59	1507	Below Cal	#	74
16) Acetone	3.948	43	348	5.464	ug/l	97
20) Methylene Chloride	4.716	84	10705	Below Cal		91
31) Cyclohexane	7.795	56	3798	1.163	ug/l #	7
36) 1,1-Dichloropropene	7.789	75	13691	4.174	ug/l #	49
38) Carbon Tetrachloride	7.789	117	19272	5.087	ug/l #	19
76) 1,2,3-Trichloropropane	12.483	75	68117	38.231	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	68117	104.696	ug/l #	13
95) Naphthalene	15.251	128	104	2.797	ug/l #	69

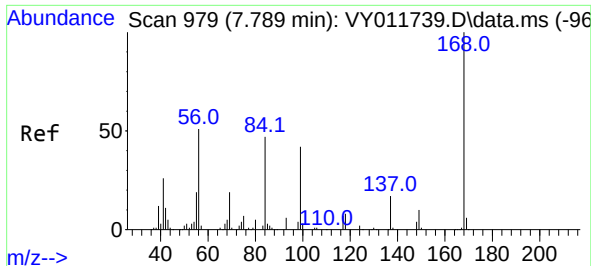
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 20 12:37:37 2022
Response via : Initial Calibration

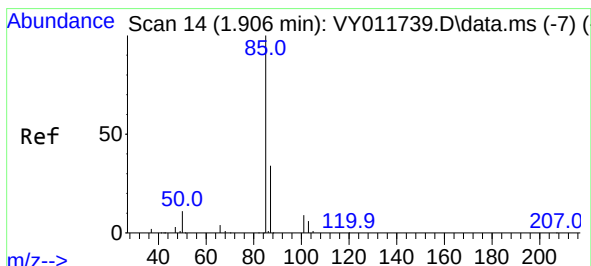
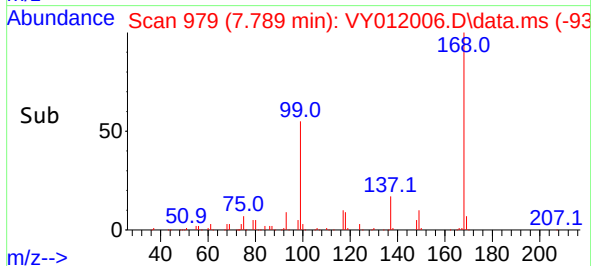
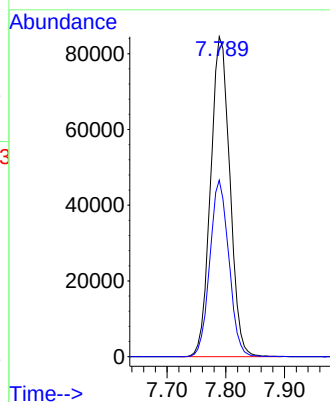
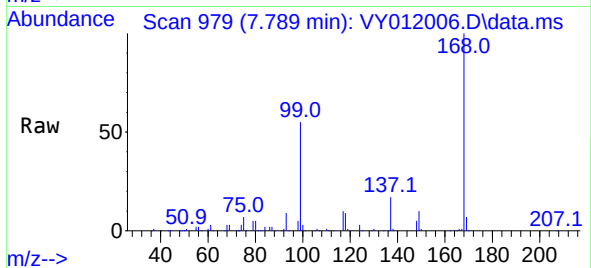




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012006.D
Acq: 23 Dec 2022 18:32

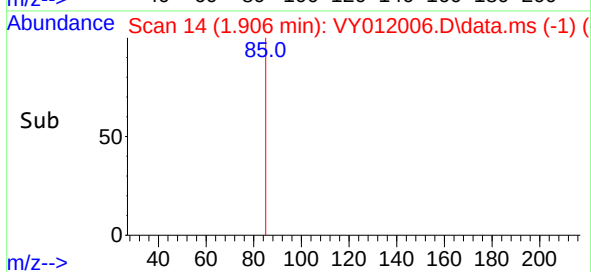
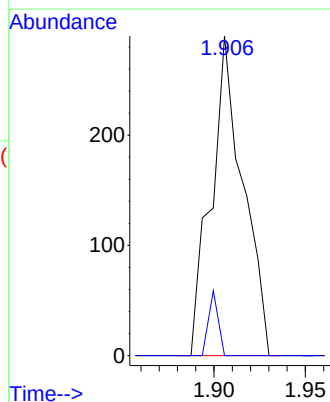
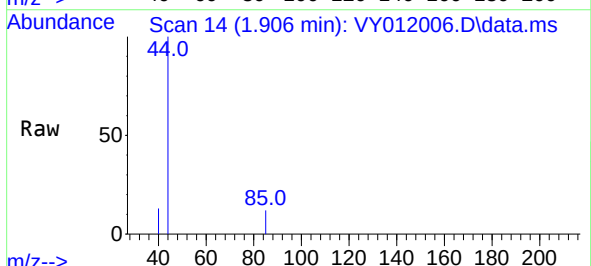
Instrument :
MSVOA_Y
ClientSampleId :

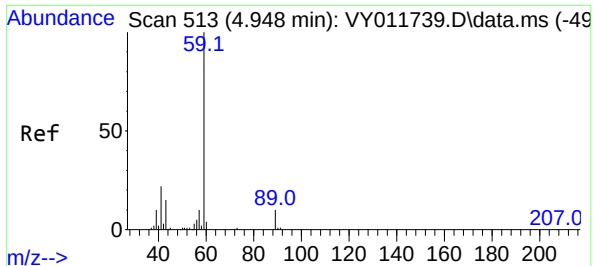
Tgt Ion:168 Resp: 192501
Ion Ratio Lower Upper
168 100
99 55.1 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 2.685 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012006.D
Acq: 23 Dec 2022 18:32

Tgt Ion: 85 Resp: 352
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#

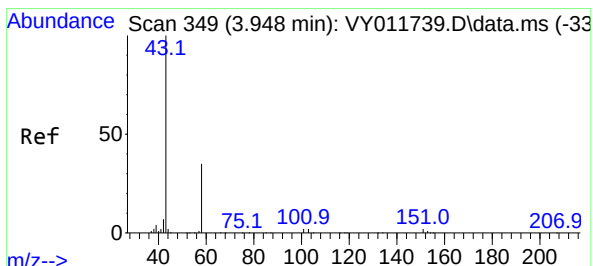
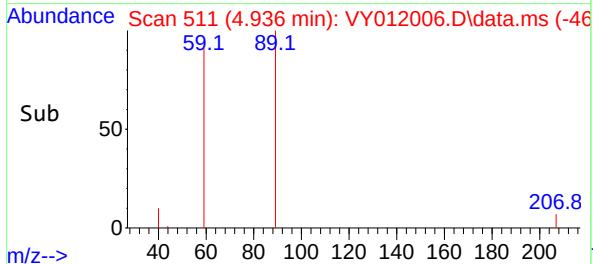
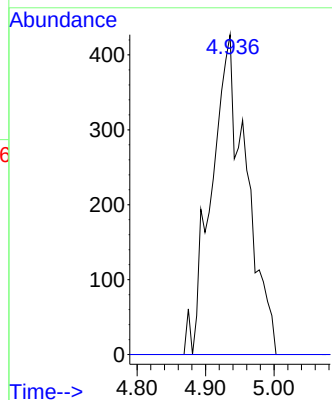
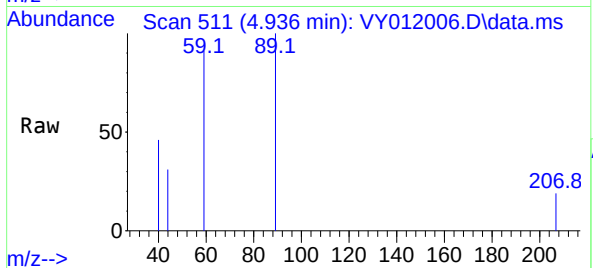




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY012006.D
Acq: 23 Dec 2022 18:32

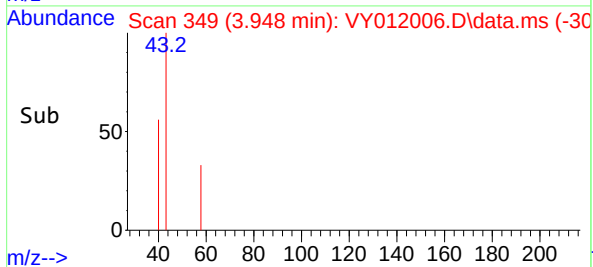
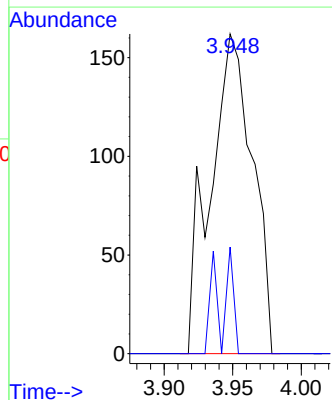
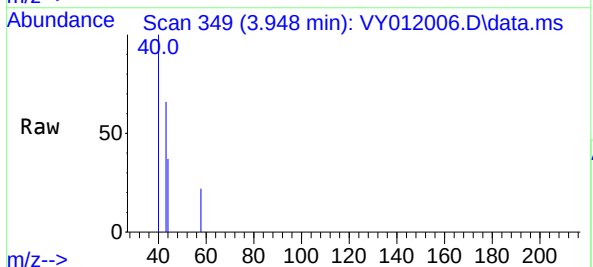
Instrument :
MSVOA_Y
ClientSampleId :

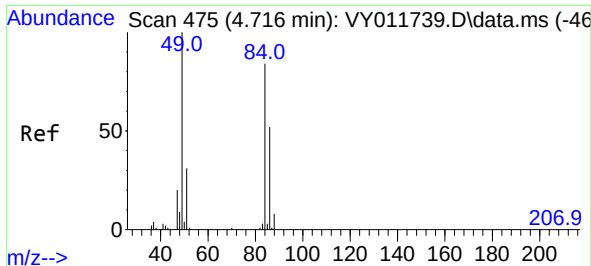
Tgt Ion: 59 Resp: 1507
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 5.464 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY012006.D
Acq: 23 Dec 2022 18:32

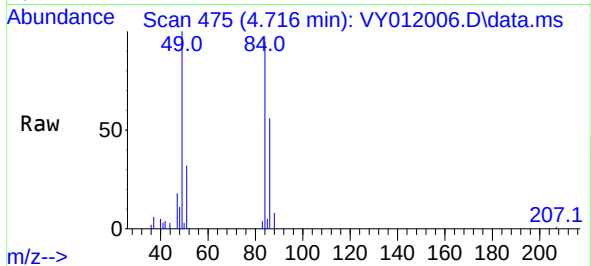
Tgt Ion: 43 Resp: 348
Ion Ratio Lower Upper
43 100
58 33.3 27.9 41.9





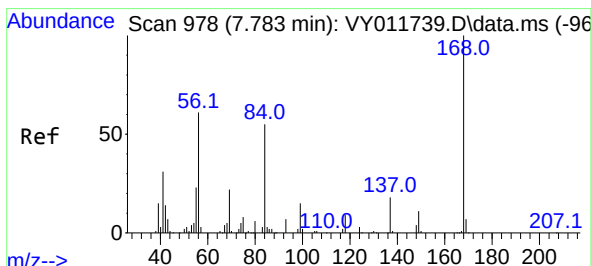
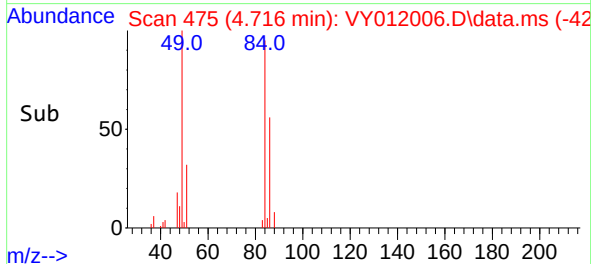
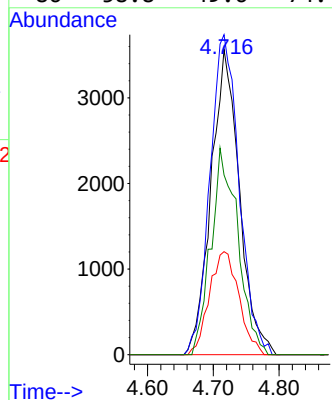
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012006.D
Acq: 23 Dec 2022 18:32

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 10705

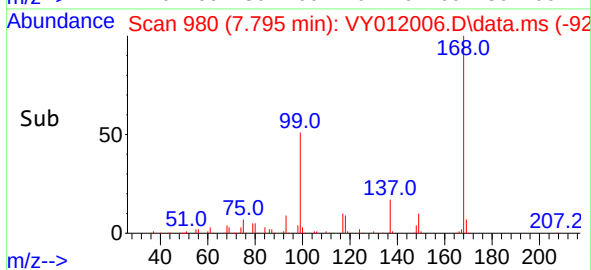
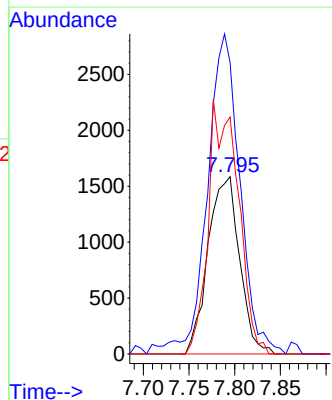
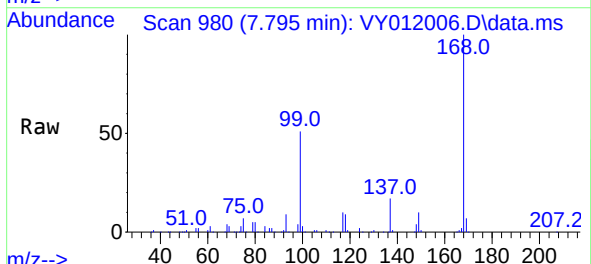
Ion	Ratio	Lower	Upper
84	100		
49	104.8	95.4	143.2
51	33.8	29.9	44.9
86	58.8	49.6	74.4

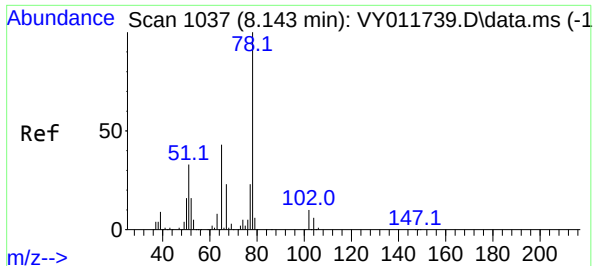


#31
Cyclohexane
Concen: 1.163 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY012006.D
Acq: 23 Dec 2022 18:32

Tgt Ion: 56 Resp: 3798

Ion	Ratio	Lower	Upper
56	100		
69	161.2	29.2	43.8#
84	133.7	72.6	108.8#





#33

1,2-Dichloroethane-d4

Concen: 59.796 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.001 min

Lab File: VY012006.D

Acq: 23 Dec 2022 18:32

Instrument :

MSVOA_Y

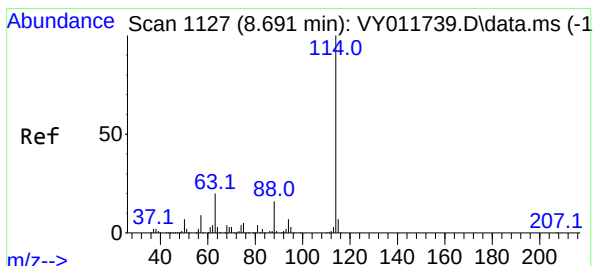
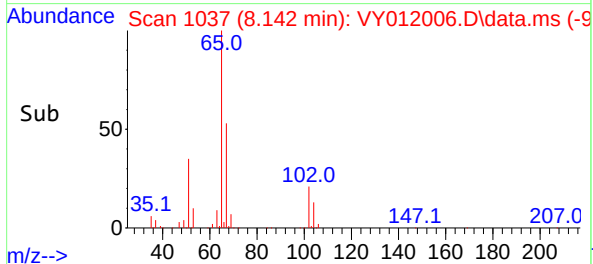
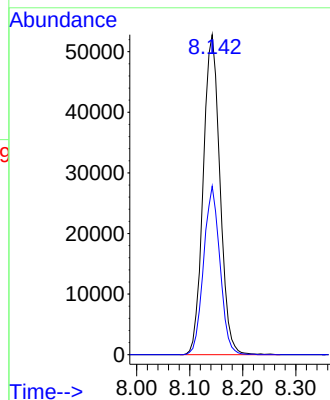
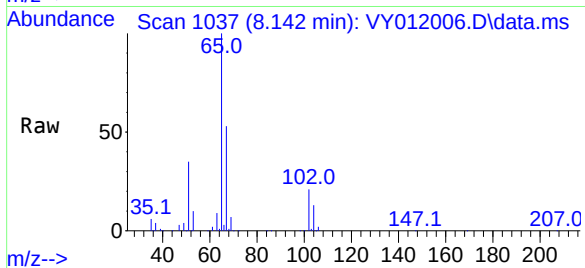
ClientSampleId :

Tgt Ion: 65 Resp: 115969

Ion Ratio Lower Upper

65 100

67 51.2 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: VY012006.D

Acq: 23 Dec 2022 18:32

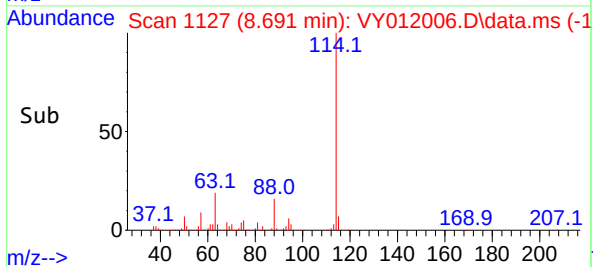
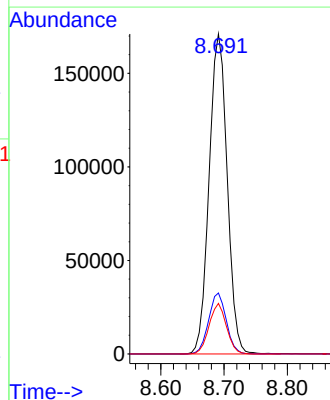
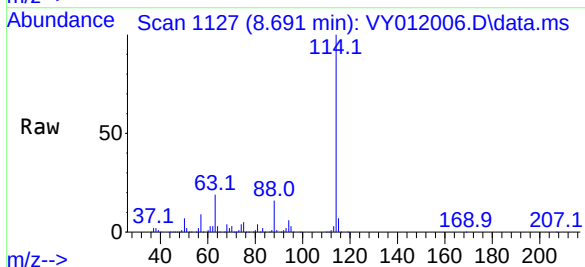
Tgt Ion: 114 Resp: 339658

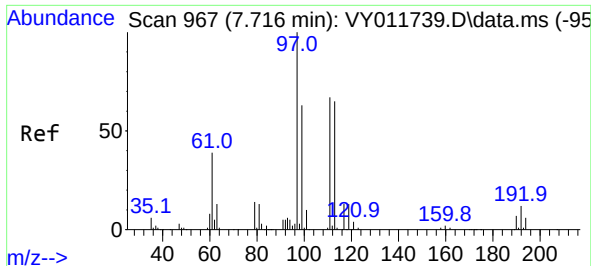
Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.6

88 15.8 0.0 32.2

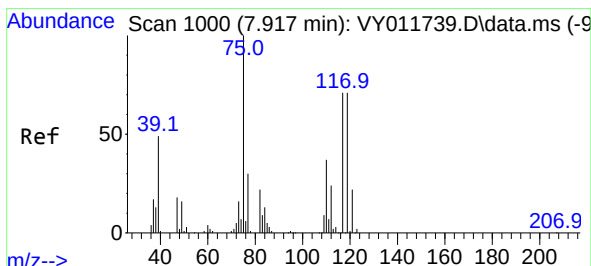
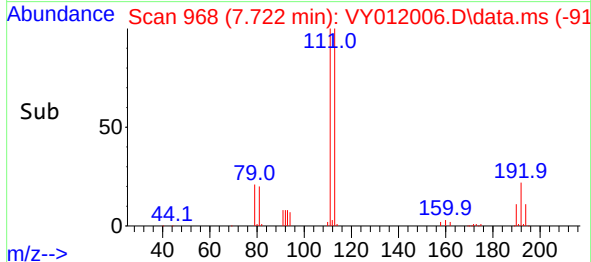
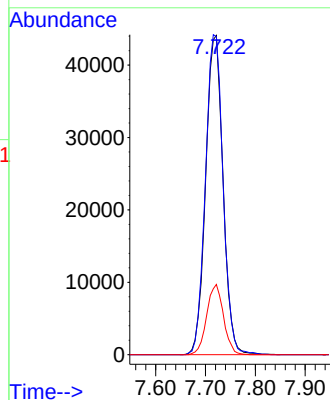
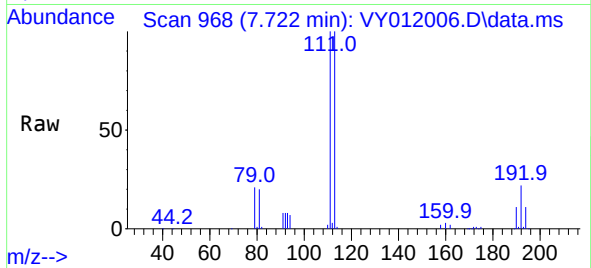




#35
Dibromofluoromethane
Concen: 52.123 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012006.D
Acq: 23 Dec 2022 18:32

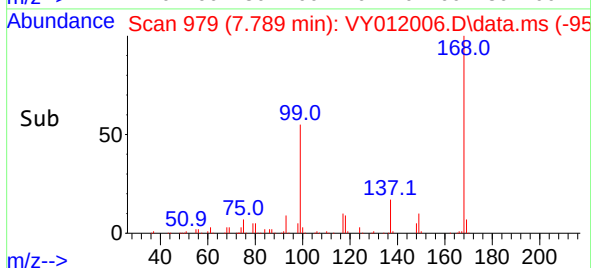
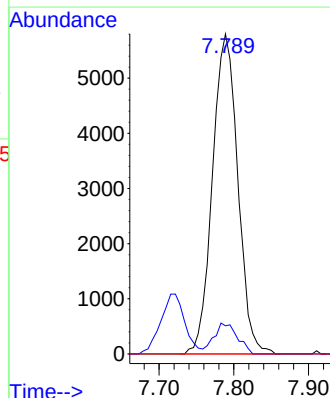
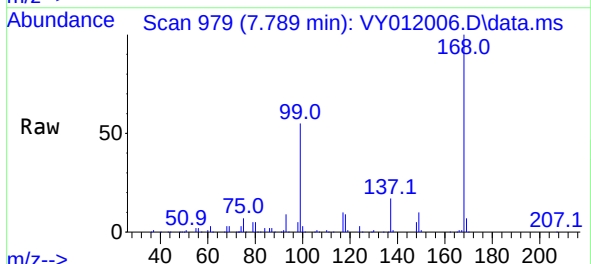
Instrument :
MSVOA_Y
ClientSampleId :

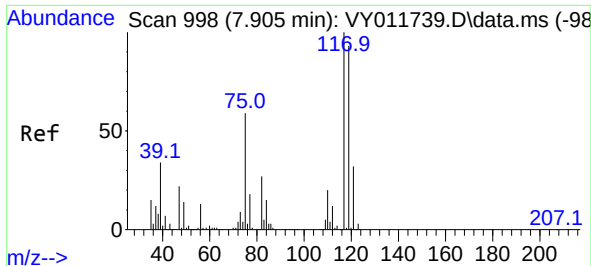
Tgt Ion:113 Resp: 106584
Ion Ratio Lower Upper
113 100
111 101.7 83.0 124.4
192 21.3 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.174 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012006.D
Acq: 23 Dec 2022 18:32

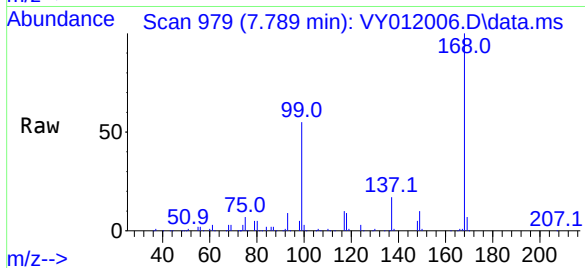
Tgt Ion: 75 Resp: 13691
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.1#
77 0.0 25.1 37.7#



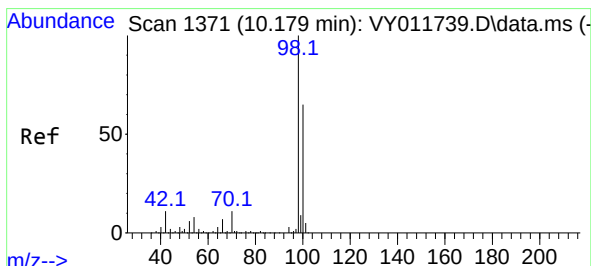
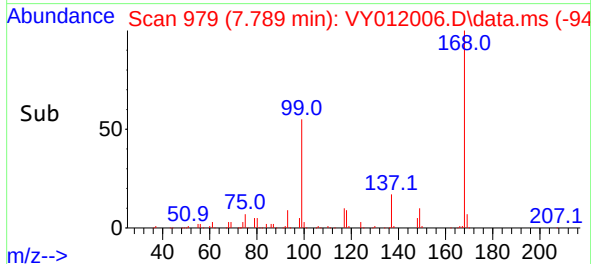
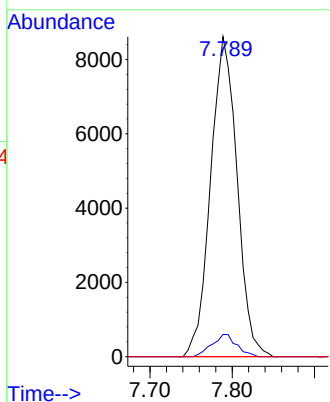


#38
Carbon Tetrachloride
Concen: 5.087 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY012006.D
Acq: 23 Dec 2022 18:32

Instrument :
MSVOA_Y
ClientSampleId :

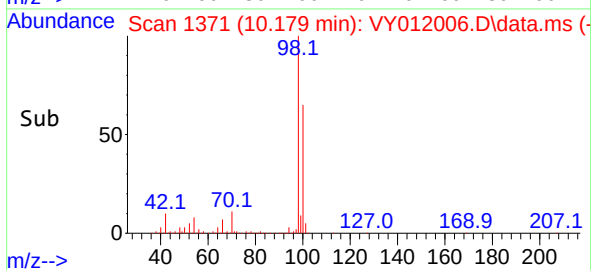
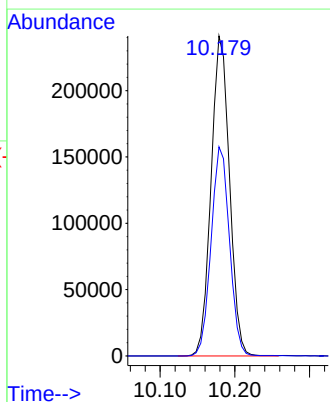
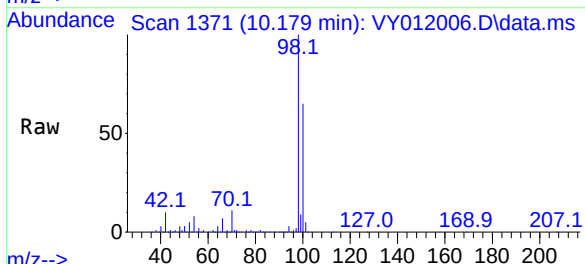


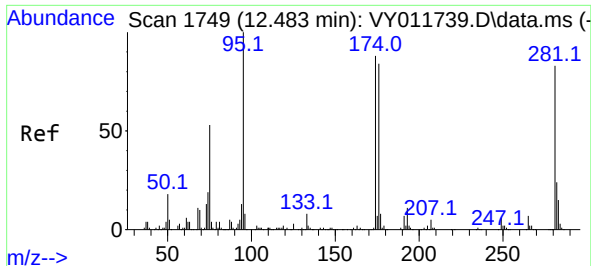
Tgt Ion:117 Resp: 19272
Ion Ratio Lower Upper
117 100
119 7.0 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 49.699 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012006.D
Acq: 23 Dec 2022 18:32

Tgt Ion: 98 Resp: 412326
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9

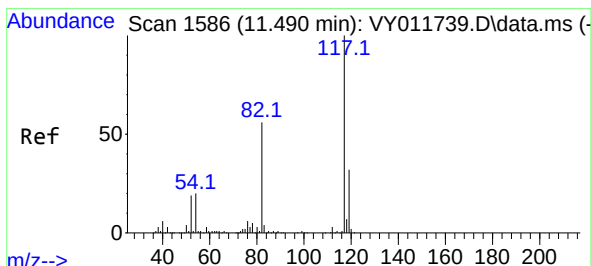
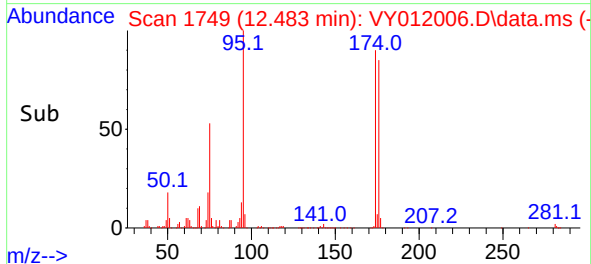
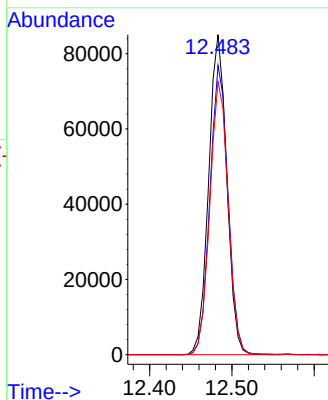
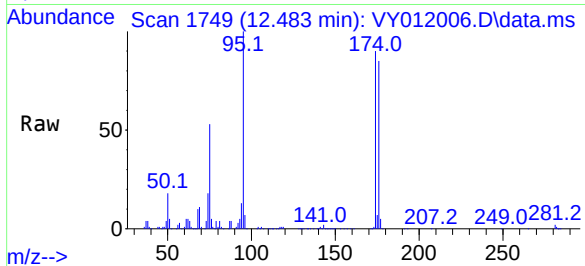




#62
4-Bromofluorobenzene
Concen: 46.569 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012006.D
Acq: 23 Dec 2022 18:32

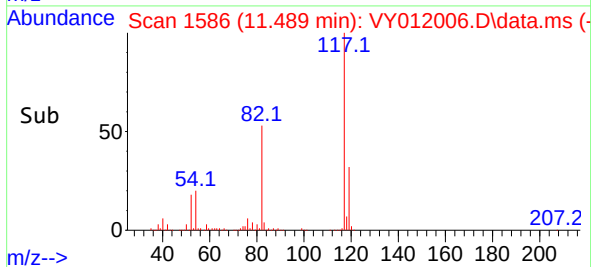
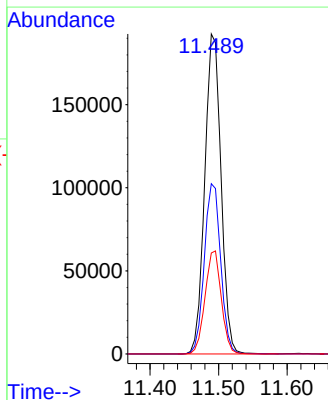
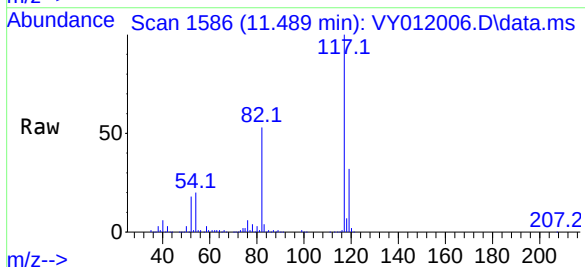
Instrument :
MSVOA_Y
ClientSampleId :

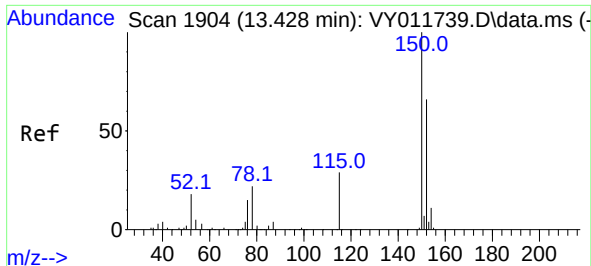
Tgt Ion: 95 Resp: 129940
Ion Ratio Lower Upper
95 100
174 90.9 0.0 172.0
176 86.4 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012006.D
Acq: 23 Dec 2022 18:32

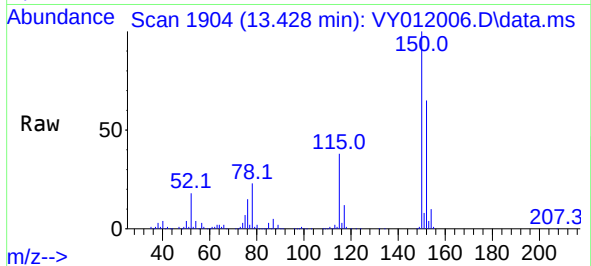
Tgt Ion:117 Resp: 318929
Ion Ratio Lower Upper
117 100
82 53.2 44.8 67.2
119 31.5 25.4 38.2



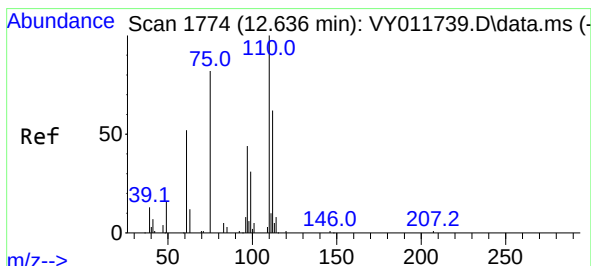
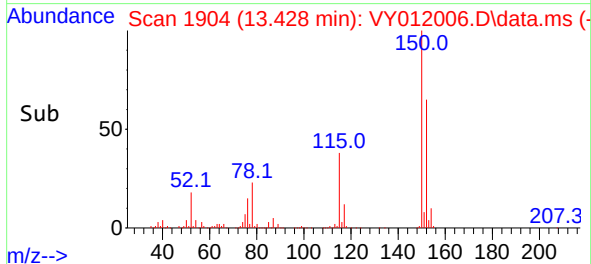
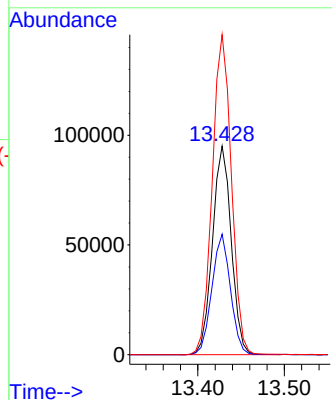


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012006.D
Acq: 23 Dec 2022 18:32

Instrument :
MSVOA_Y
ClientSampleId :

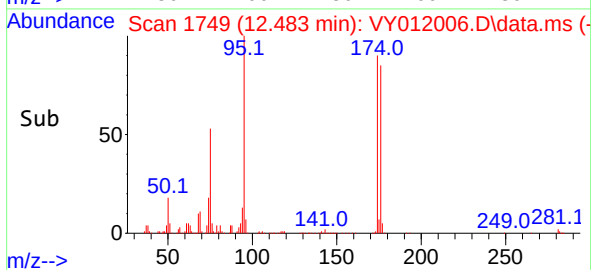
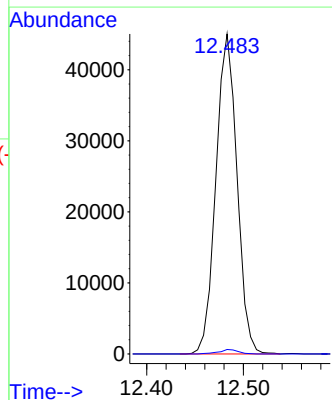
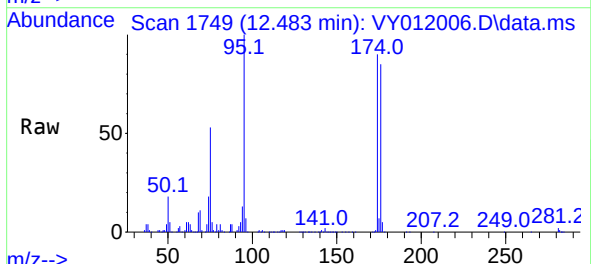


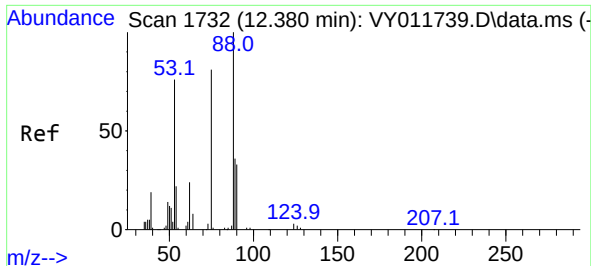
Tgt Ion:152 Resp: 143186
Ion Ratio Lower Upper
152 100
115 57.2 29.1 87.3
150 156.4 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 38.231 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012006.D
Acq: 23 Dec 2022 18:32

Tgt Ion: 75 Resp: 68117
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

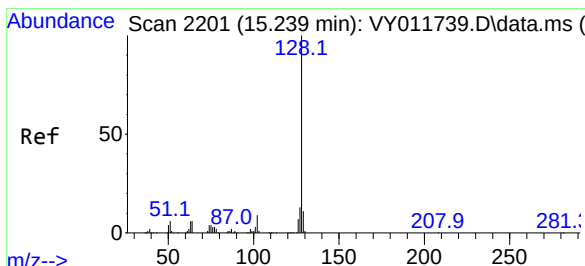
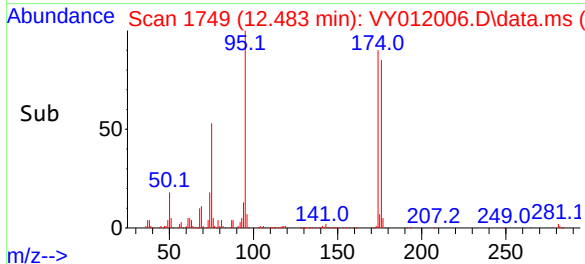
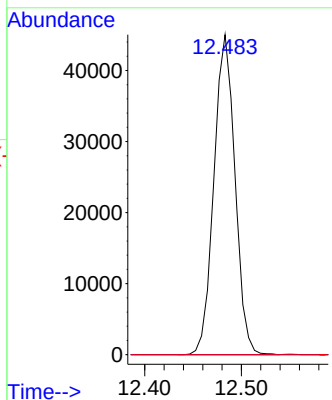
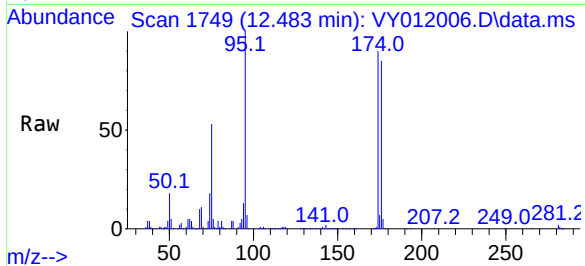




#81
trans-1,4-Dichloro-2-butene
Concen: 104.696 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY012006.D
Acq: 23 Dec 2022 18:32

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 68117
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 2.797 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.012 min
Lab File: VY012006.D
Acq: 23 Dec 2022 18:32

Tgt Ion: 128 Resp: 104
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.8 13.2#

