

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021122\
 Data File : VY007484.D
 Acq On : 11 Feb 2022 18:06
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 12 02:55:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

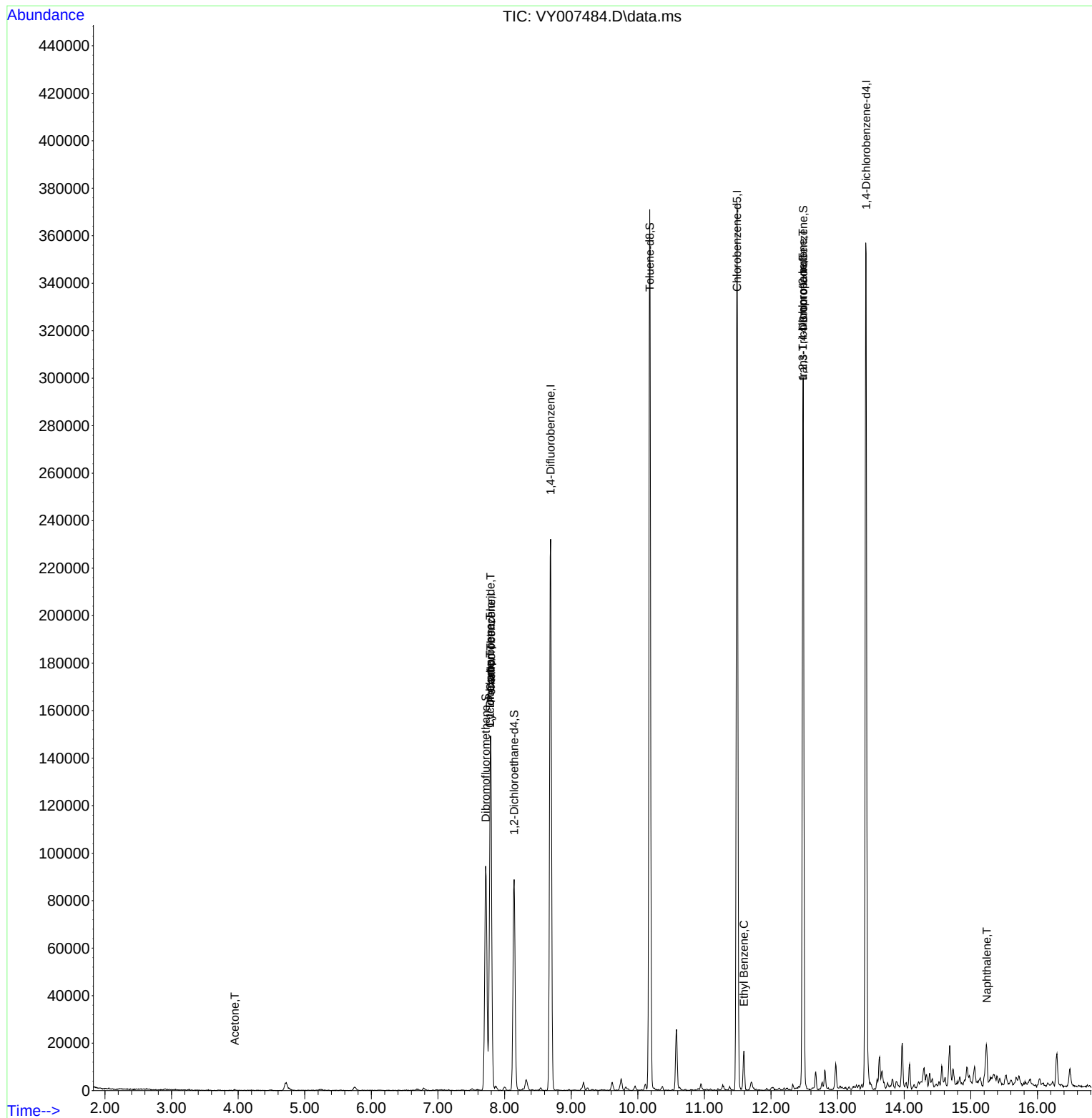
Internal Standards						
1) Pentafluorobenzene	7.795	168	110985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	200469	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	196989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89341	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	69800	54.677	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.360%	
35) Dibromofluoromethane	7.715	113	64706	50.266	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.540%	
50) Toluene-d8	10.178	98	244469	51.403	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.800%	
62) 4-Bromofluorobenzene	12.483	95	90747	56.139	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.280%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	277	Below Cal	#	44
11) Tert butyl alcohol	4.954	59	89	Below Cal	#	77
16) Acetone	3.948	43	530	1.278	ug/l #	47
20) Methylene Chloride	4.722	84	2345	Below Cal		92
31) Cyclohexane	7.782	56	2749	1.104	ug/l #	1
36) 1,1-Dichloropropene	7.782	75	8390	3.728	ug/l #	54
38) Carbon Tetrachloride	7.789	117	11673	4.937	ug/l #	13
67) Ethyl Benzene	11.593	91	11266	1.355	ug/l	92
76) 1,2,3-Trichloropropane	12.477	75	50501	47.548	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	50501	95.259	ug/l #	7
95) Naphthalene	15.238	128	12735	3.525	ug/l	99

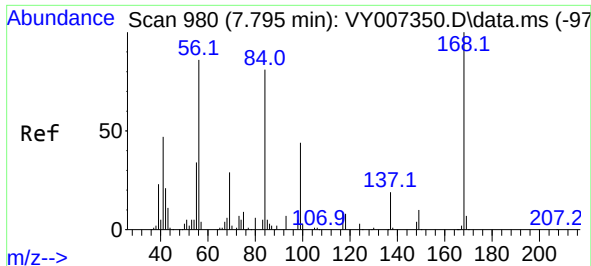
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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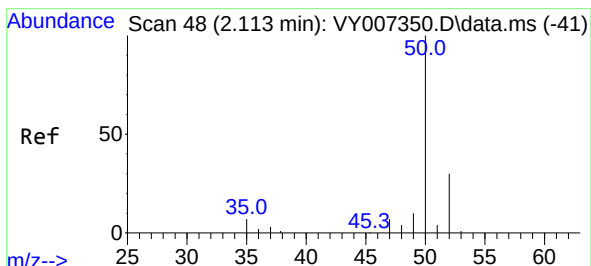
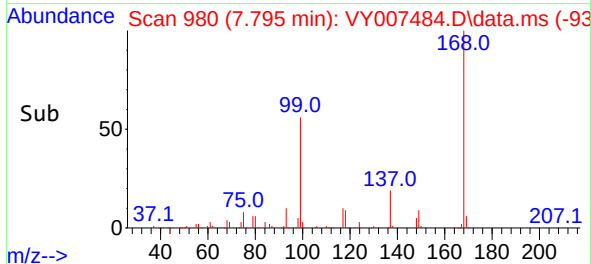
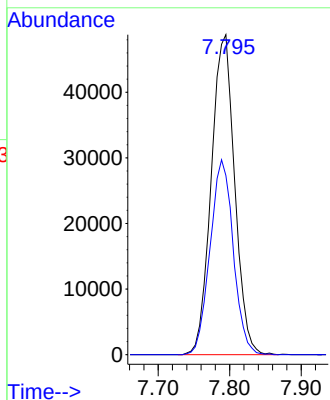
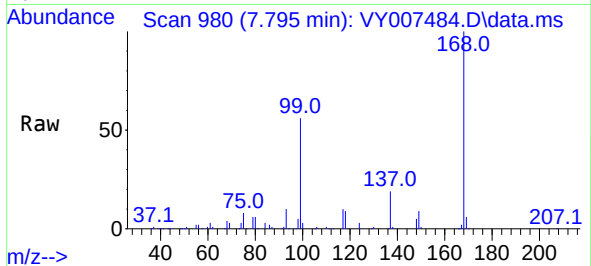




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007484.D
Acq: 11 Feb 2022 18:06

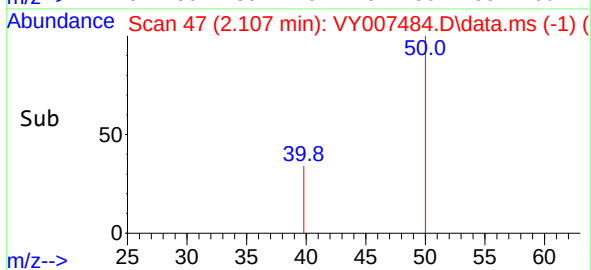
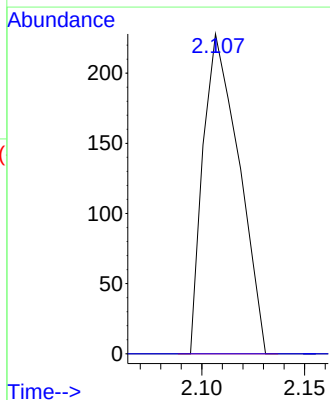
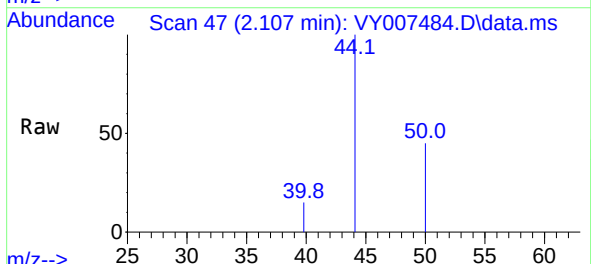
Instrument :
MSVOA_Y
ClientSampleId :

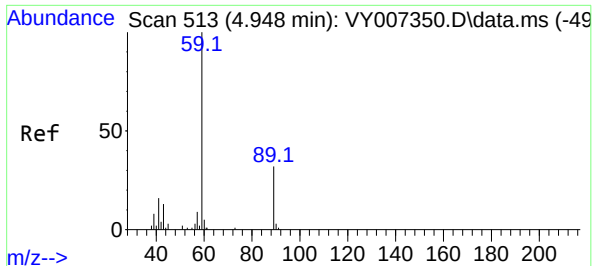
Tgt Ion:168 Resp: 110985
Ion Ratio Lower Upper
168 100
99 56.0 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY007484.D
Acq: 11 Feb 2022 18:06

Tgt Ion: 50 Resp: 277
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY007484.D

Acq: 11 Feb 2022 18:06

Instrument :

MSVOA_Y

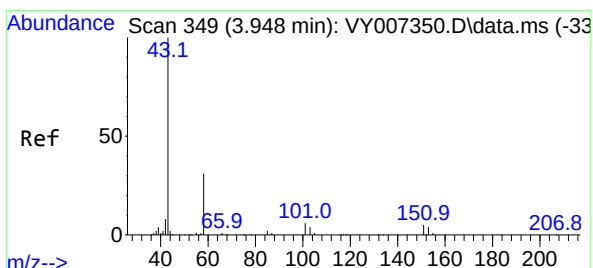
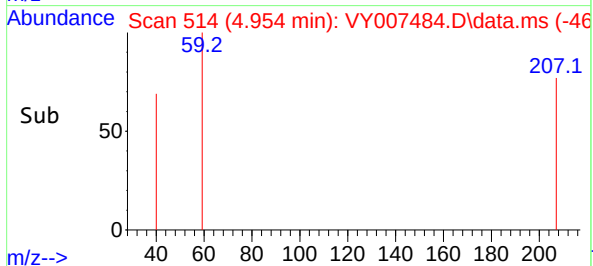
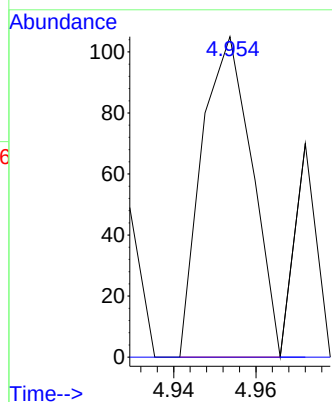
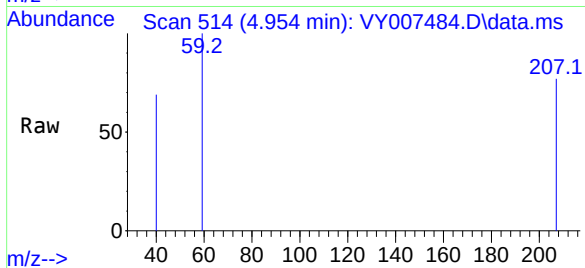
ClientSampleId :

Tgt Ion: 59 Resp: 89

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 1.278 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.000 min

Lab File: VY007484.D

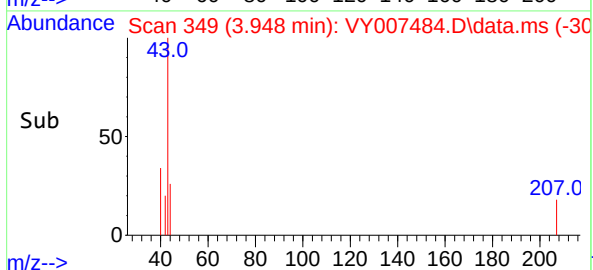
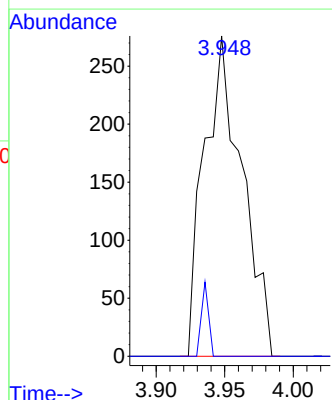
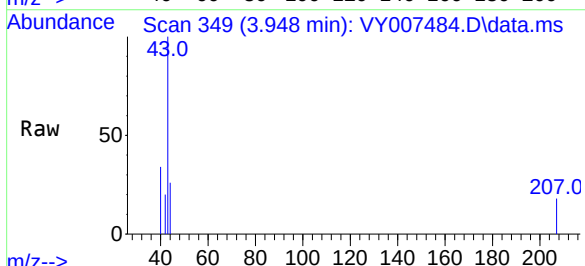
Acq: 11 Feb 2022 18:06

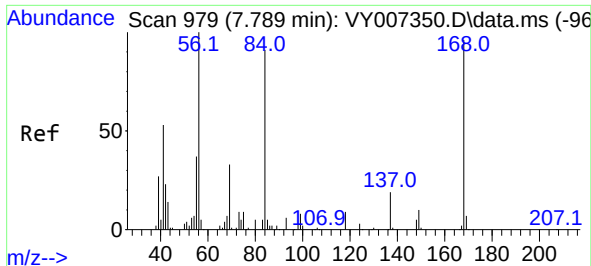
Tgt Ion: 43 Resp: 530

Ion Ratio Lower Upper

43 100

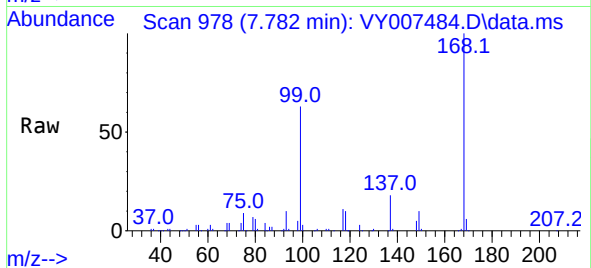
58 0.0 22.0 33.0#



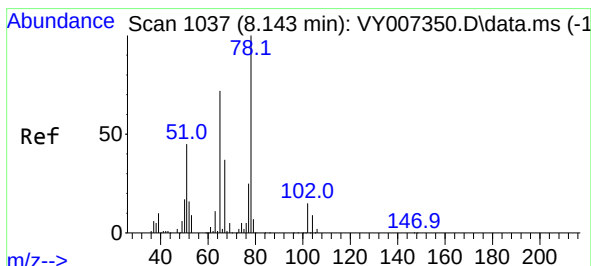
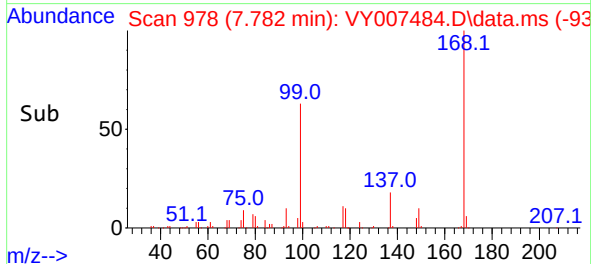
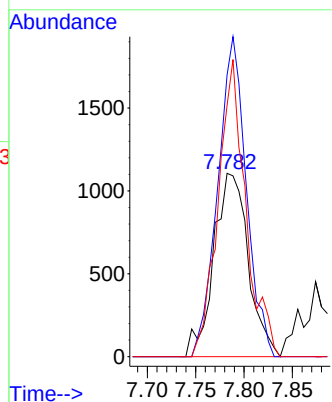


#31
Cyclohexane
Concen: 1.104 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007484.D
Acq: 11 Feb 2022 18:06

Instrument :
MSVOA_Y
ClientSampleId :

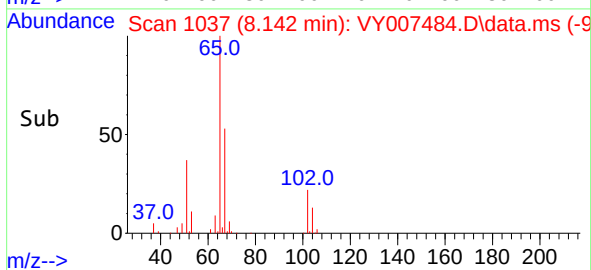
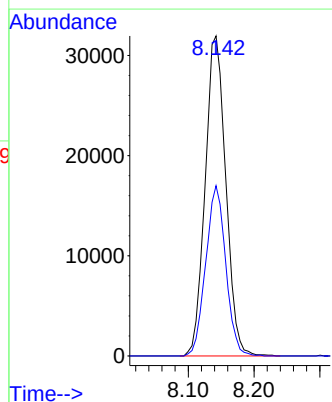
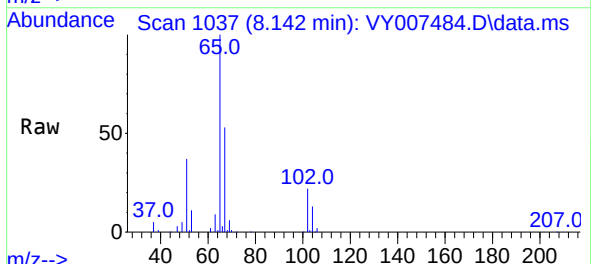


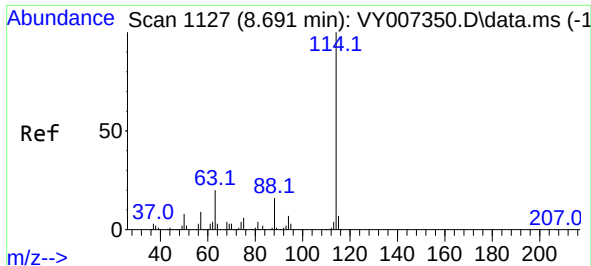
Tgt Ion: 56 Resp: 2749
Ion Ratio Lower Upper
56 100
69 153.7 26.7 40.1#
84 137.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 54.677 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007484.D
Acq: 11 Feb 2022 18:06

Tgt Ion: 65 Resp: 69800
Ion Ratio Lower Upper
65 100
67 51.6 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: VY007484.D

Acq: 11 Feb 2022 18:06

Instrument :

MSVOA_Y

ClientSampleId :

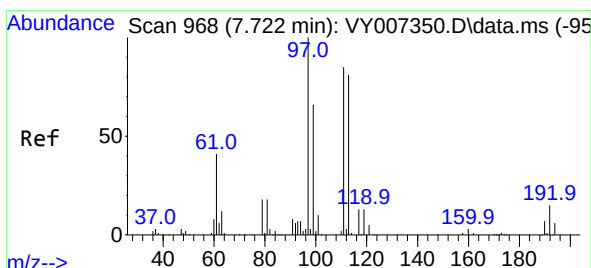
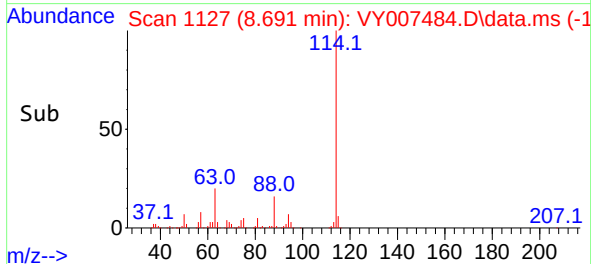
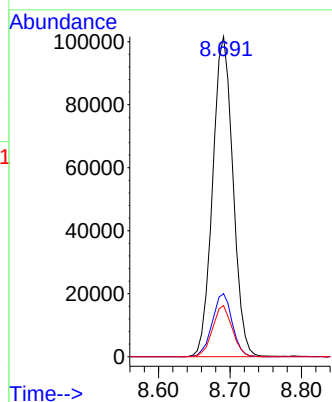
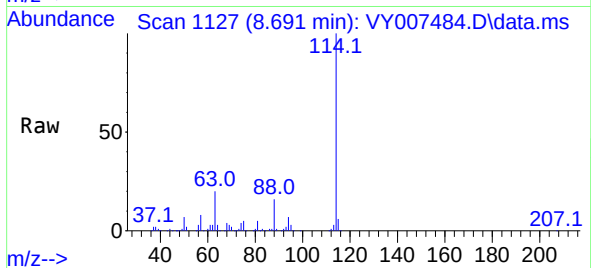
Tgt Ion:114 Resp: 200469

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 16.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.266 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007484.D

Acq: 11 Feb 2022 18:06

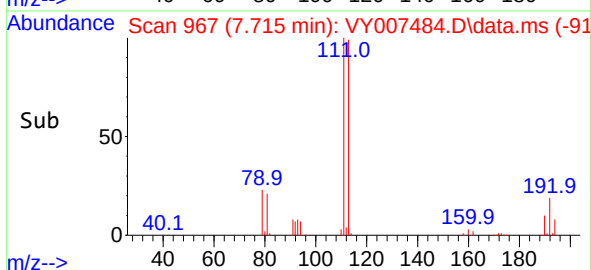
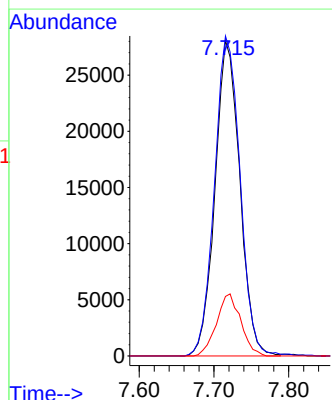
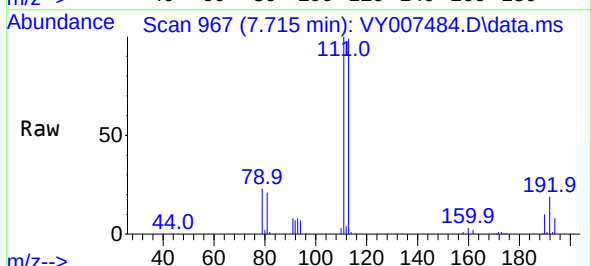
Tgt Ion:113 Resp: 64706

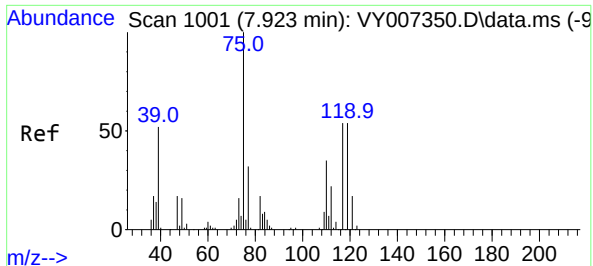
Ion Ratio Lower Upper

113 100

111 104.8 82.6 124.0

192 19.3 17.6 26.4





#36

1,1-Dichloropropene

Concen: 3.728 ug/l

RT: 7.782 min Scan# 91

Delta R.T. -0.141 min

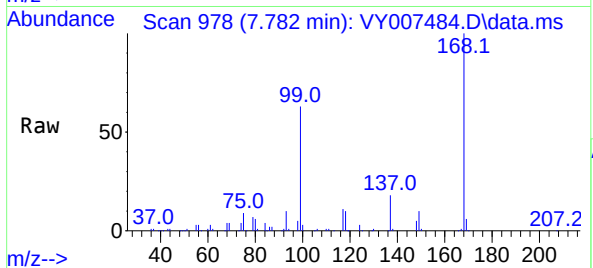
Lab File: VY007484.D

Acq: 11 Feb 2022 18:06

Instrument :

MSVOA_Y

ClientSampleId :



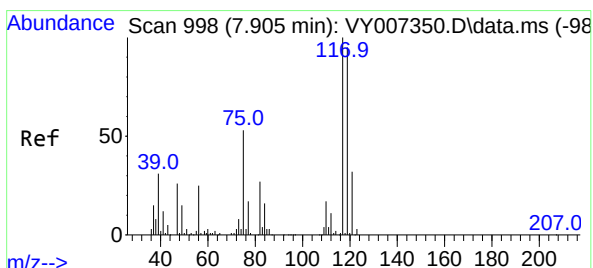
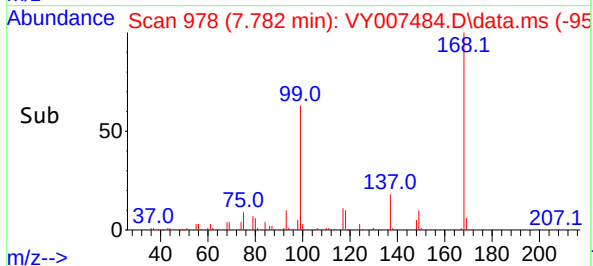
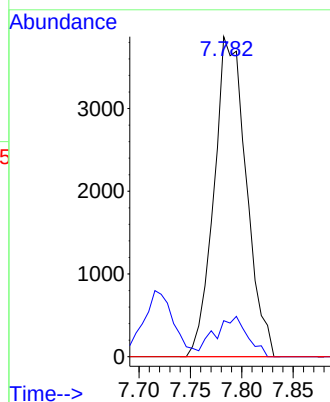
Tgt Ion: 75 Resp: 8390

Ion Ratio Lower Upper

75 100

110 12.6 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.937 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY007484.D

Acq: 11 Feb 2022 18:06

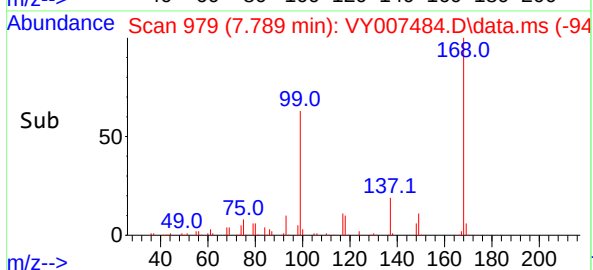
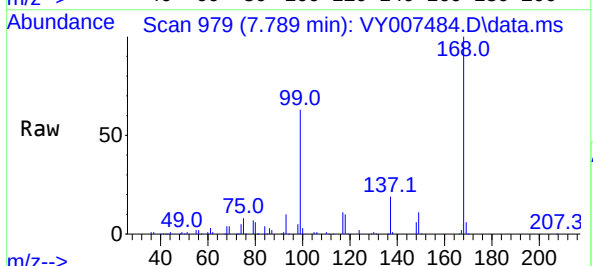
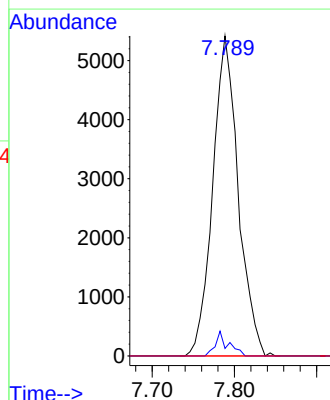
Tgt Ion: 117 Resp: 11673

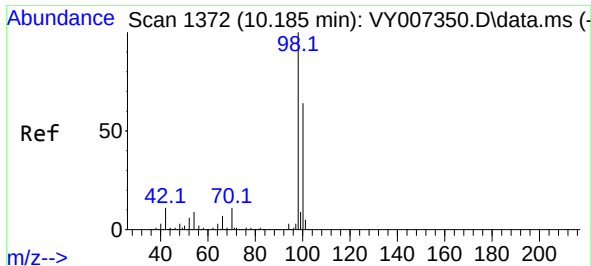
Ion Ratio Lower Upper

117 100

119 2.3 77.9 116.9#

121 0.0 24.8 37.2#

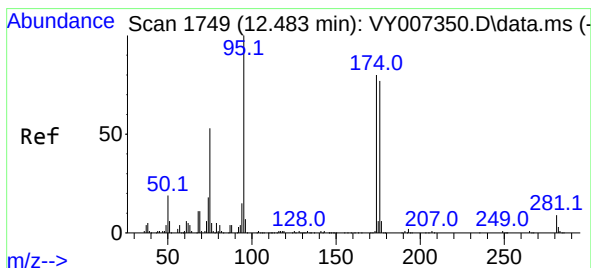
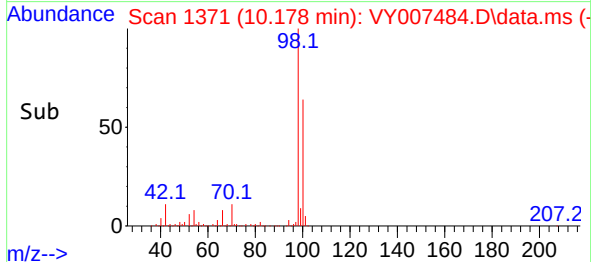
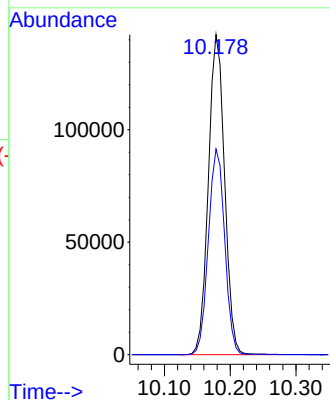
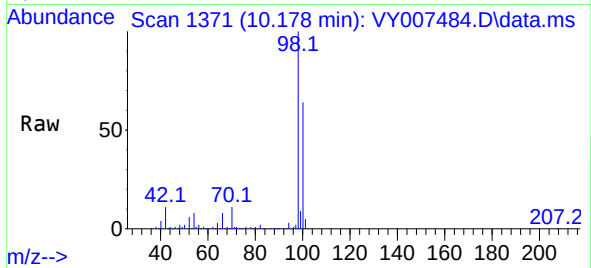




#50
Toluene-d8
Concen: 51.403 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007484.D
Acq: 11 Feb 2022 18:06

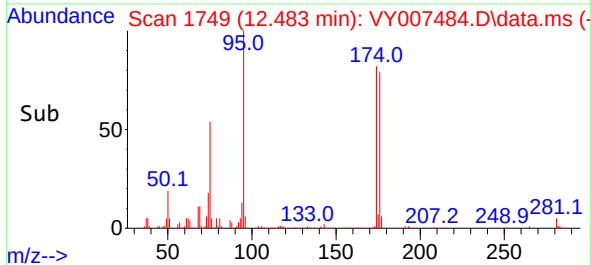
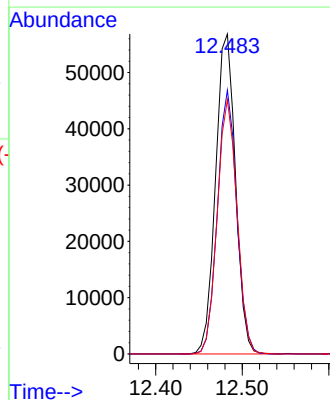
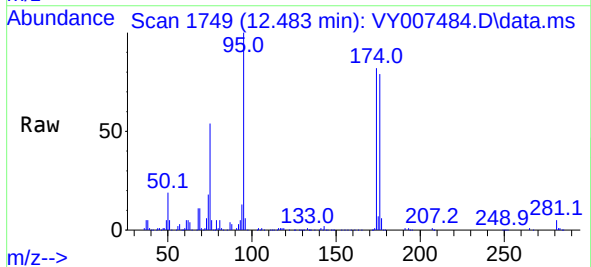
Instrument :
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ClientSampleId :

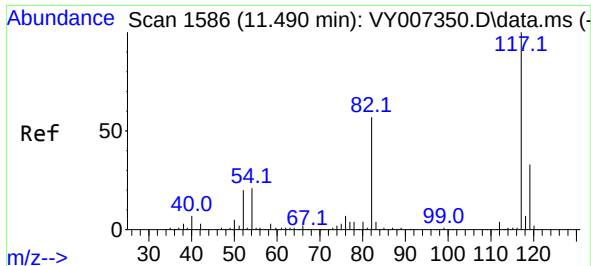
Tgt Ion: 98 Resp: 244469
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 56.139 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007484.D
Acq: 11 Feb 2022 18:06

Tgt Ion: 95 Resp: 90747
Ion Ratio Lower Upper
95 100
174 79.9 0.0 177.0
176 78.8 0.0 175.8

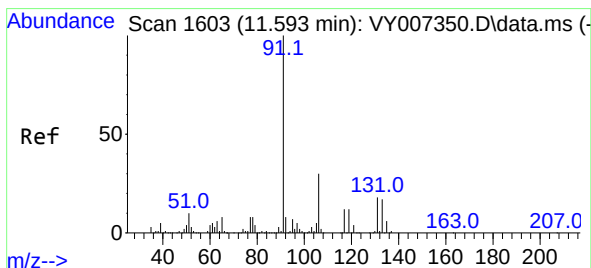
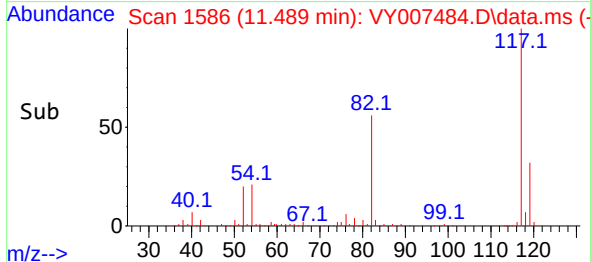
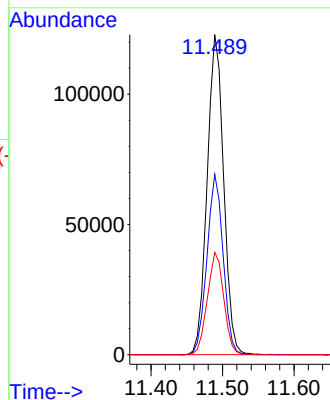
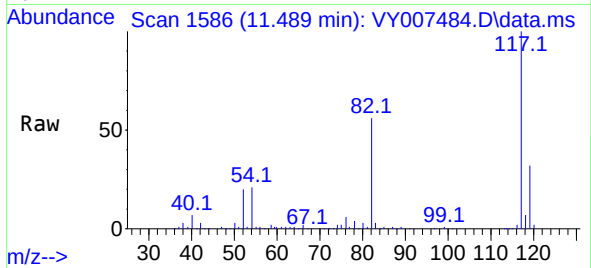




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007484.D
Acq: 11 Feb 2022 18:06

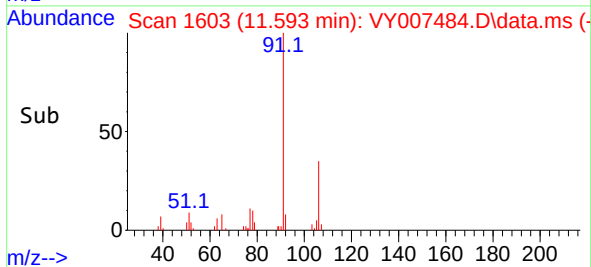
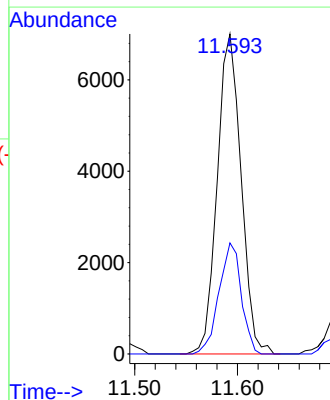
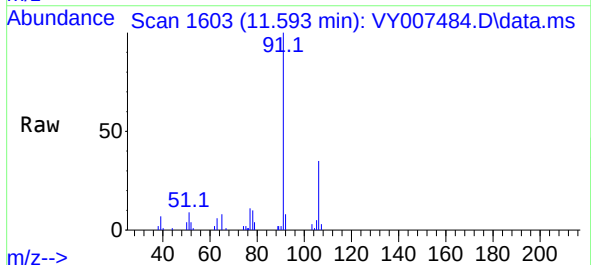
Instrument :
MSVOA_Y
ClientSampleId :

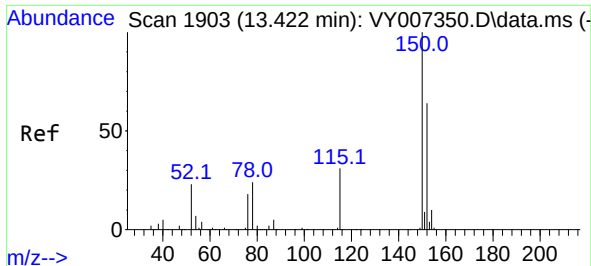
Tgt Ion:117 Resp: 196989
Ion Ratio Lower Upper
117 100
82 56.3 43.0 64.4
119 31.9 25.4 38.0



#67
Ethyl Benzene
Concen: 1.355 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY007484.D
Acq: 11 Feb 2022 18:06

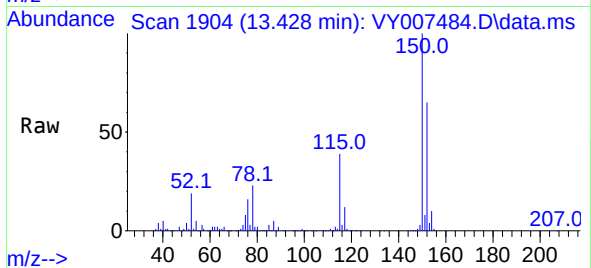
Tgt Ion: 91 Resp: 11266
Ion Ratio Lower Upper
91 100
106 34.7 24.5 36.7



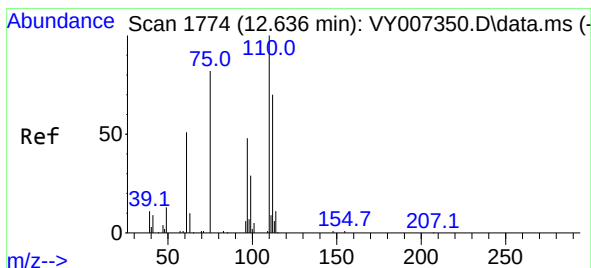
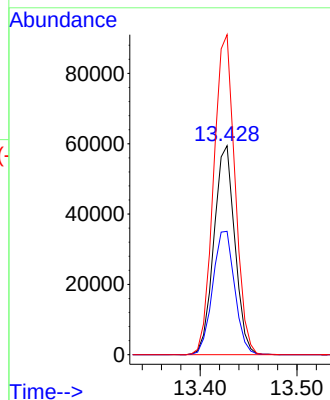
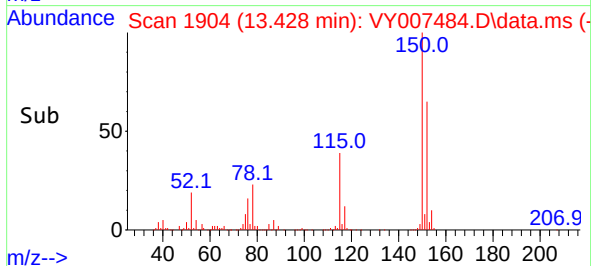


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007484.D
 Acq: 11 Feb 2022 18:06

Instrument :
 MSVOA_Y
 ClientSampleId :

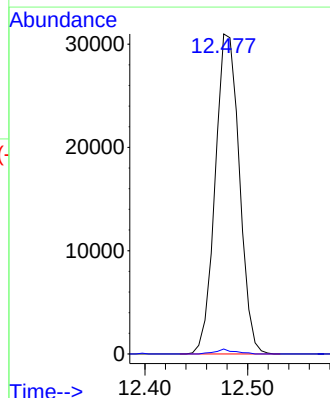
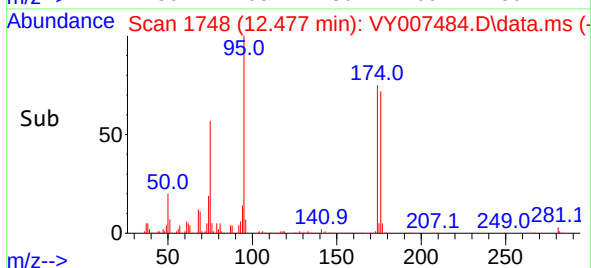
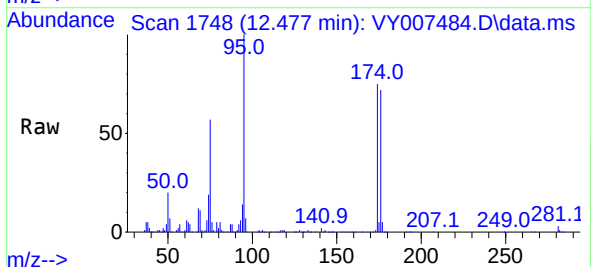


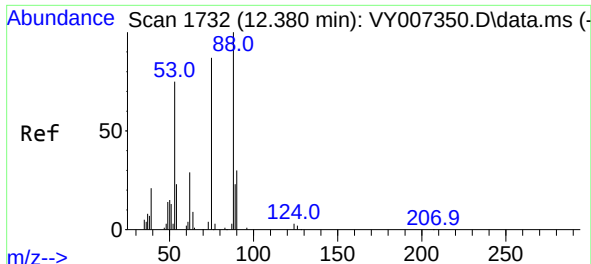
Tgt Ion:152 Resp: 89341
 Ion Ratio Lower Upper
 152 100
 115 62.3 28.2 84.7
 150 156.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 47.548 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.159 min
 Lab File: VY007484.D
 Acq: 11 Feb 2022 18:06

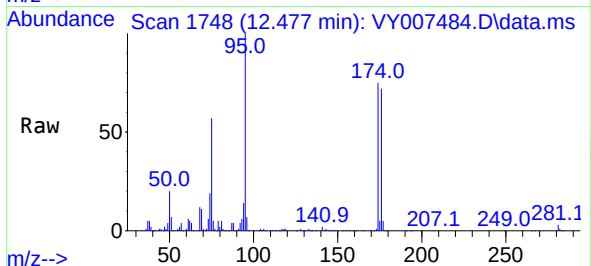
Tgt Ion: 75 Resp: 50501
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



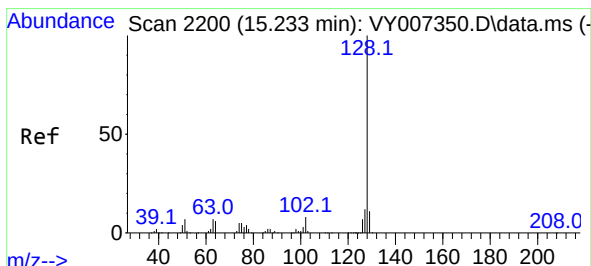
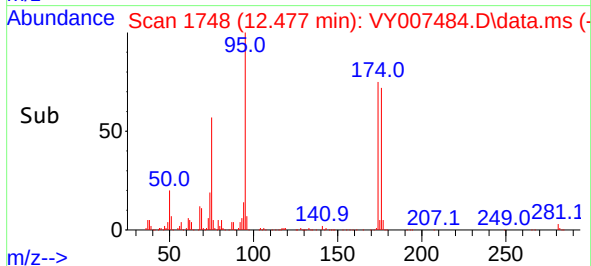
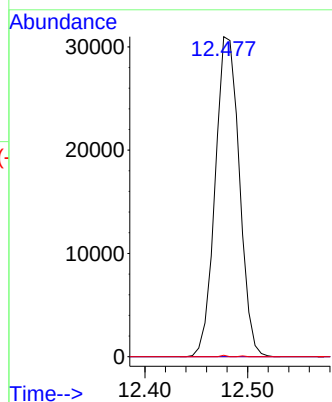


#81
trans-1,4-Dichloro-2-butene
Concen: 95.259 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY007484.D
Acq: 11 Feb 2022 18:06

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 50501
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#



#95
Naphthalene
Concen: 3.525 ug/l
RT: 15.238 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY007484.D
Acq: 11 Feb 2022 18:06

Tgt Ion: 128 Resp: 12735
Ion Ratio Lower Upper
128 100
127 13.6 11.0 16.4
129 11.2 8.4 12.6

