

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY093021\
 Data File : VY006235.D
 Acq On : 30 Sep 2021 13:23
 Operator : SY/MD
 Sample : M3990-02
 Misc : 6.99G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 01 06:26:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

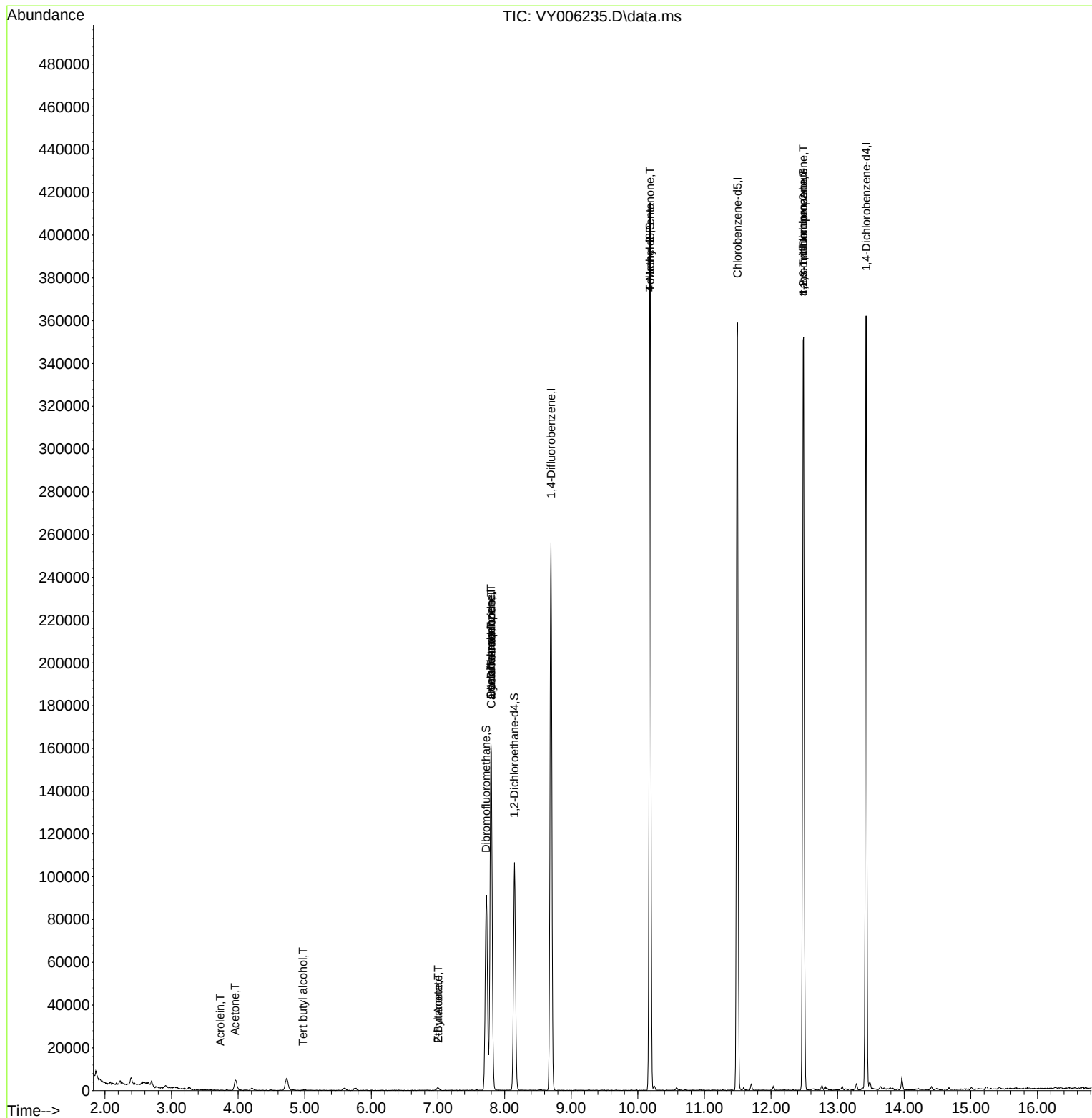
Internal Standards						
1) Pentafluorobenzene	7.795	168	129753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	209372	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	192769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	85547	61.601	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.200%			
35) Dibromofluoromethane	7.722	113	61688	55.148	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.300%			
50) Toluene-d8	10.185	98	259040	55.333	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.660%			
62) 4-Bromofluorobenzene	12.483	95	81113	51.003	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.000%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.972	59	341	2.807	ug/l #	77
13) Acrolein	3.729	56	41	18.921	ug/l #	14
16) Acetone	3.954	43	9068	23.379	ug/l	99
20) Methylene Chloride	4.722	84	4066	Below Cal		90
25) 2-Butanone	7.003	43	2180	4.035	ug/l #	77
31) Cyclohexane	7.795	56	2742	1.042	ug/l #	35
36) 1,1-Dichloropropene	7.795	75	9517	4.569	ug/l #	52
37) Ethyl Acetate	7.003	43	2180	1.796	ug/l #	72
38) Carbon Tetrachloride	7.801	117	12399	5.637	ug/l #	14
51) 4-Methyl-2-Pentanone	10.185	43	1278	1.057	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	46544	54.142	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46544	106.396	ug/l #	8

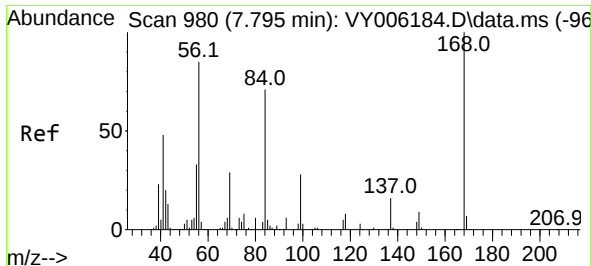
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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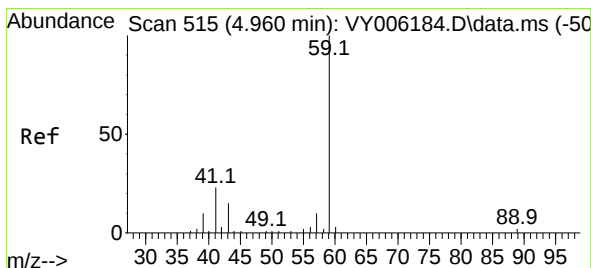
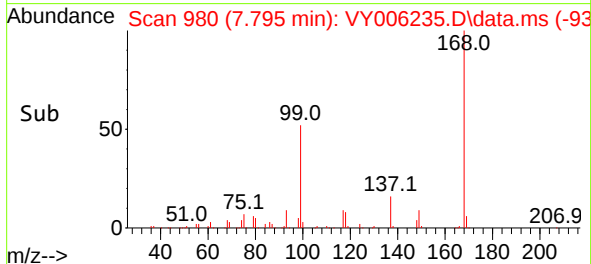
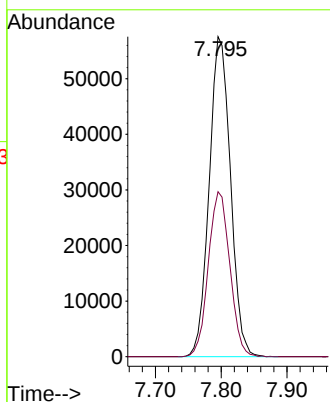
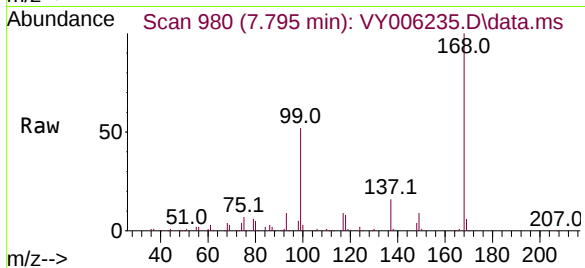




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006235.D
Acq: 30 Sep 2021 13:23

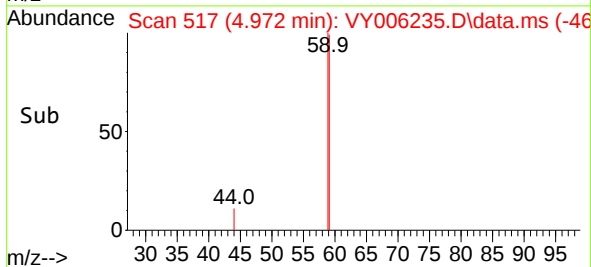
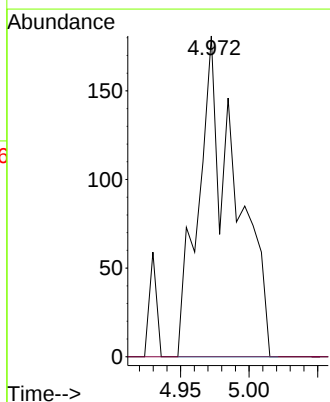
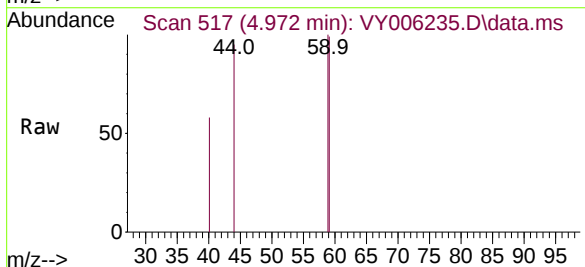
Instrument :
MSVOA_Y
ClientSampled :

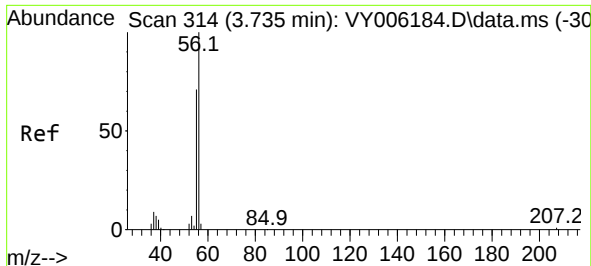
Tgt Ion:168 Resp: 129753
Ion Ratio Lower Upper
168 100
99 51.6 46.9 70.3



#11
Tert butyl alcohol
Concen: 2.807 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY006235.D
Acq: 30 Sep 2021 13:23

Tgt Ion: 59 Resp: 341
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

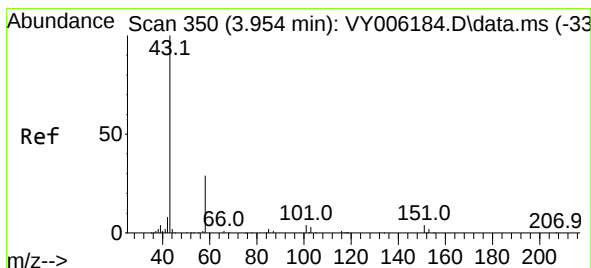
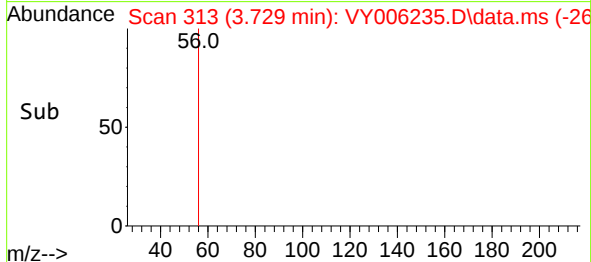
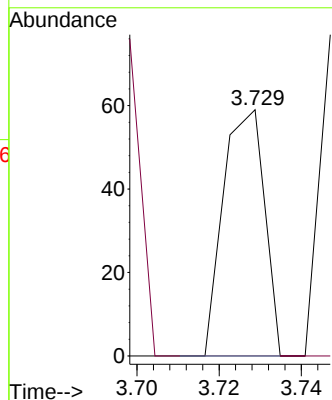
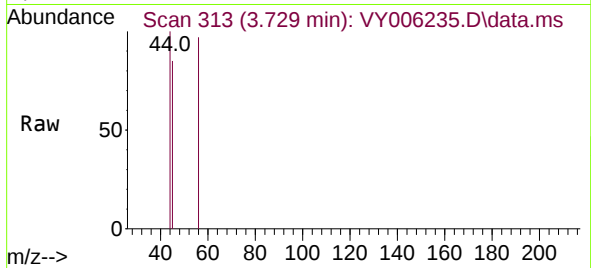




#13
Acrolein
Concen: 18.921 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.006 min
Lab File: VY006235.D
Acq: 30 Sep 2021 13:23

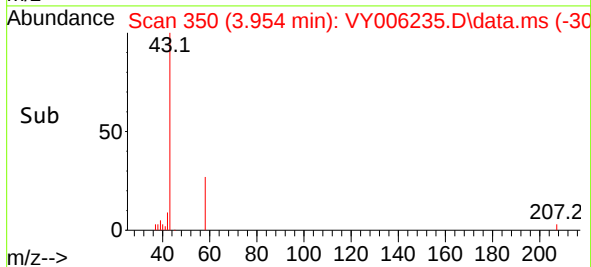
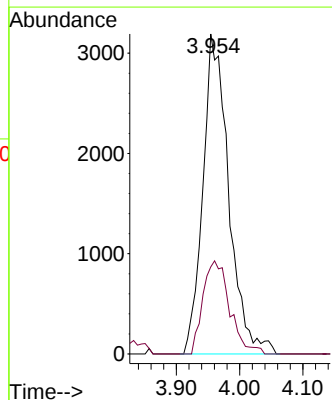
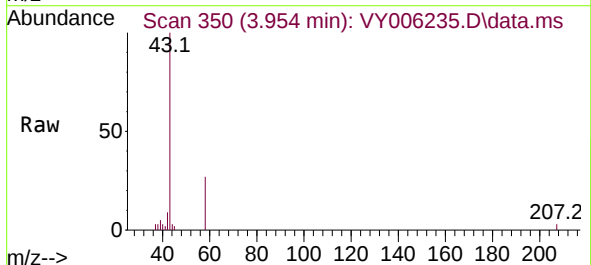
Instrument :
MSVOA_Y
ClientSampled :

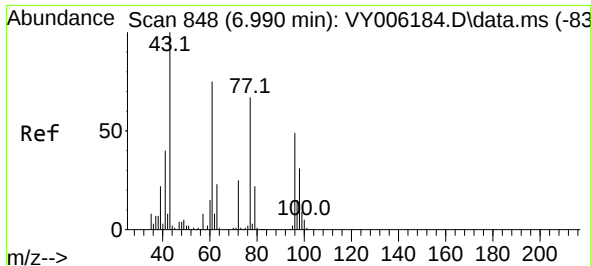
Tgt Ion: 56 Resp: 41
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 23.379 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006235.D
Acq: 30 Sep 2021 13:23

Tgt Ion: 43 Resp: 9068
Ion Ratio Lower Upper
43 100
58 27.2 22.0 33.0





#25

2-Butanone

Concen: 4.035 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.012 min

Lab File: VY006235.D

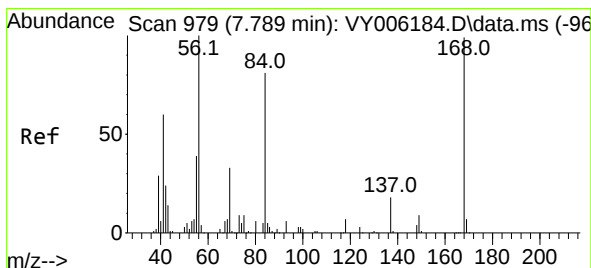
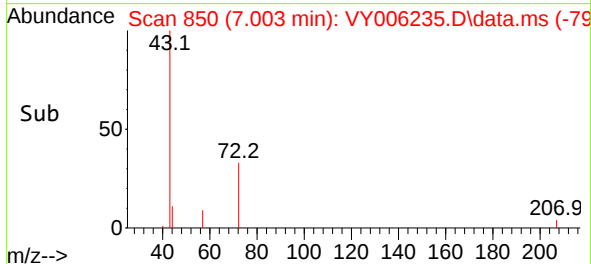
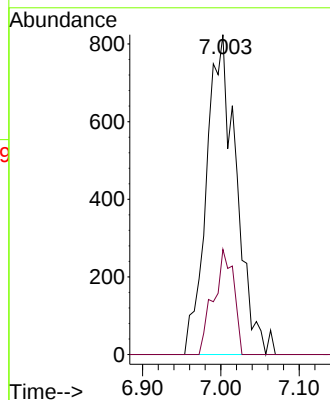
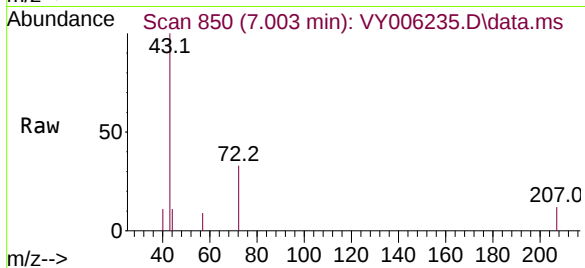
Acq: 30 Sep 2021 13:23

Tgt Ion: 43 Resp: 2180

Ion Ratio Lower Upper

43 100

72 32.9 17.7 26.5#



#31

Cyclohexane

Concen: 1.042 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY006235.D

Acq: 30 Sep 2021 13:23

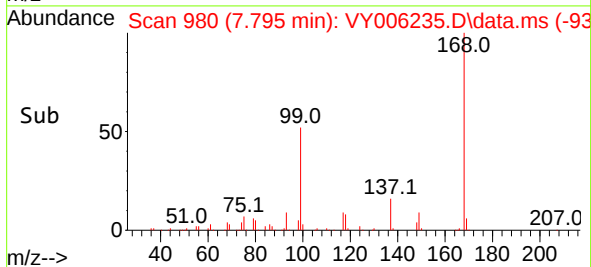
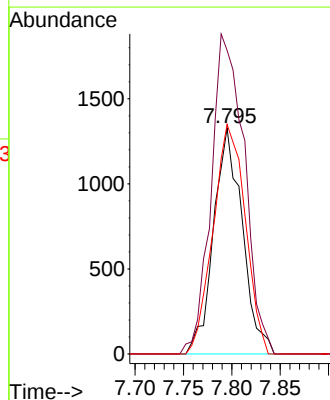
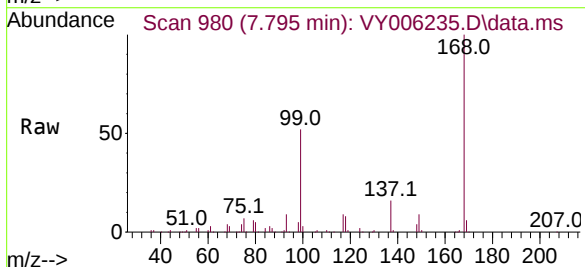
Tgt Ion: 56 Resp: 2742

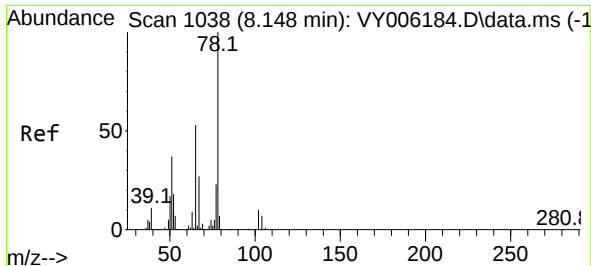
Ion Ratio Lower Upper

56 100

69 134.5 26.7 40.1#

84 101.7 67.2 100.8#

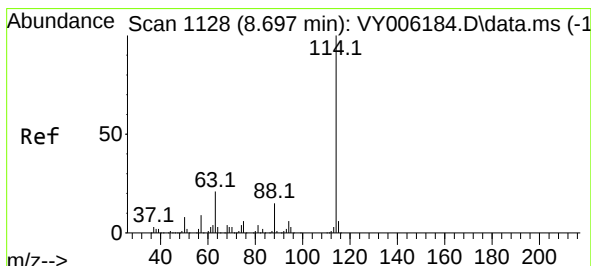
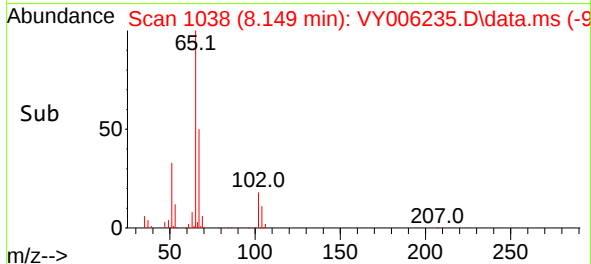
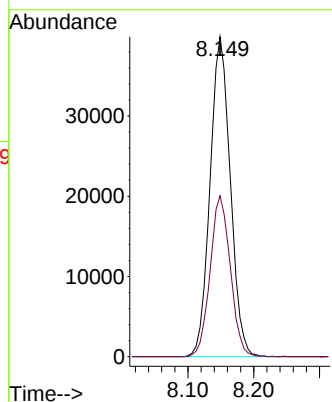
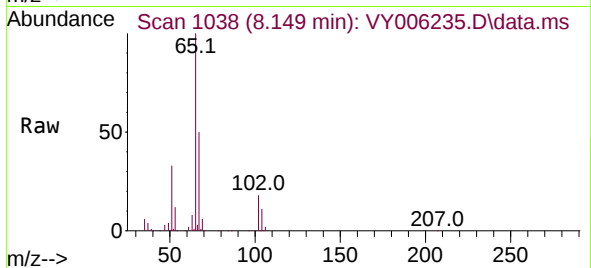




#33
1,2-Dichloroethane-d4
Concen: 61.601 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006235.D
Acq: 30 Sep 2021 13:23

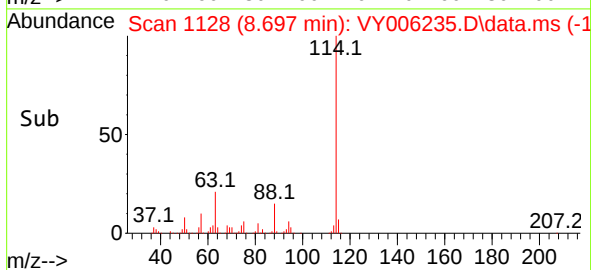
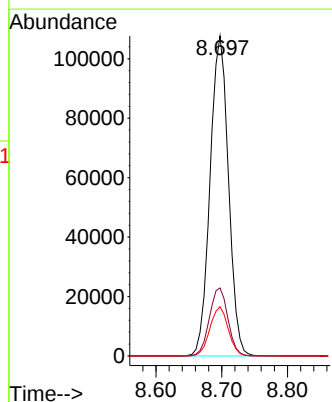
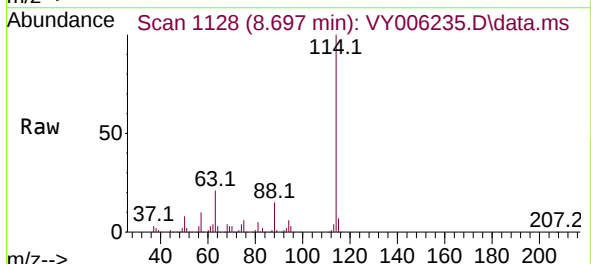
Instrument :
MSVOA_Y
ClientSampleId :

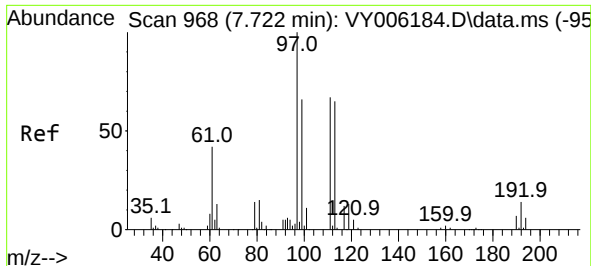
Tgt Ion: 65 Resp: 85547
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006235.D
Acq: 30 Sep 2021 13:23

Tgt Ion: 114 Resp: 209372
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.2
88 15.4 0.0 31.8

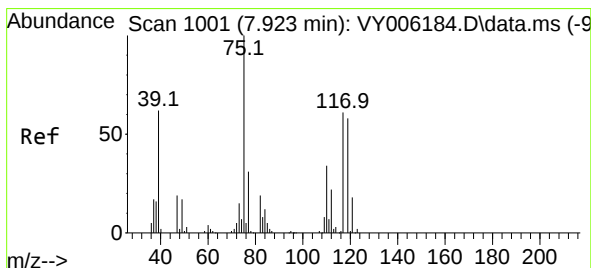
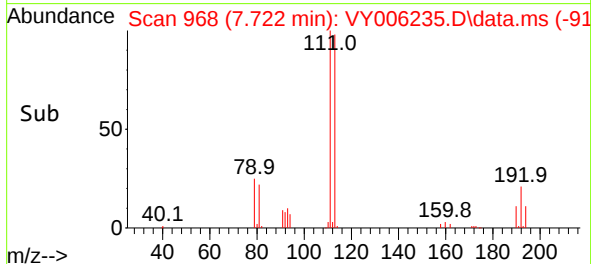
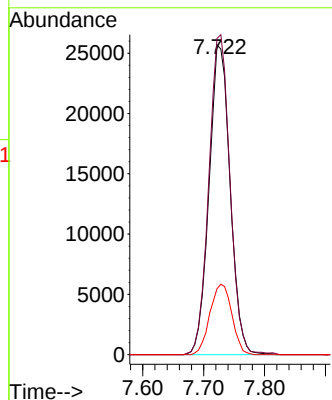
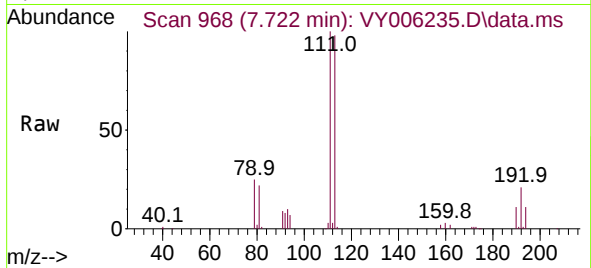




#35
Dibromofluoromethane
Concen: 55.148 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006235.D
Acq: 30 Sep 2021 13:23

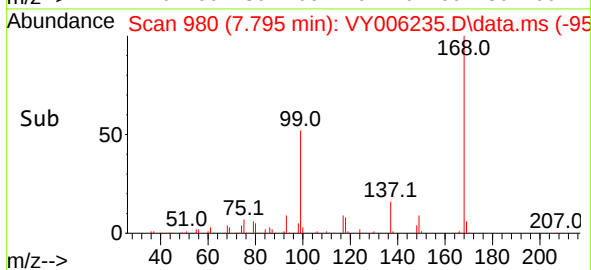
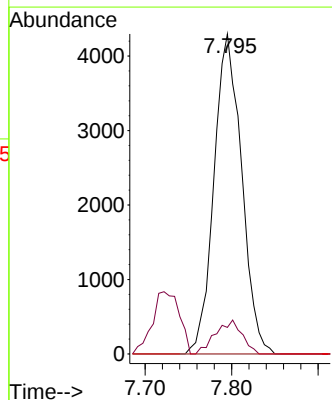
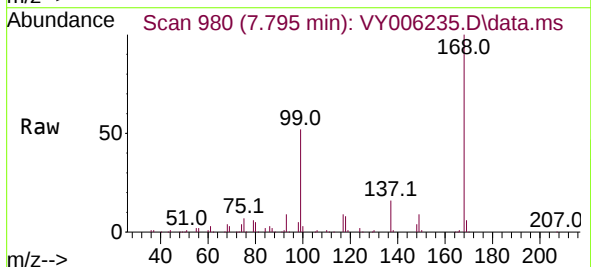
Instrument :
MSVOA_Y
ClientSampleId :

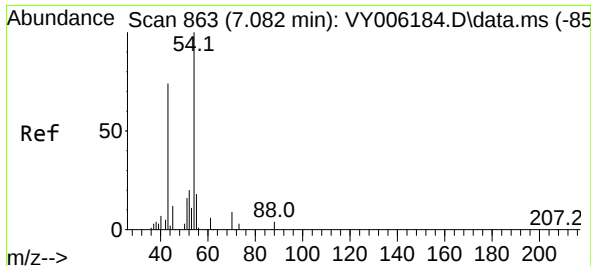
Tgt Ion:113 Resp: 61688
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 23.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.569 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006235.D
Acq: 30 Sep 2021 13:23

Tgt Ion: 75 Resp: 9517
Ion Ratio Lower Upper
75 100
110 10.2 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.796 ug/l

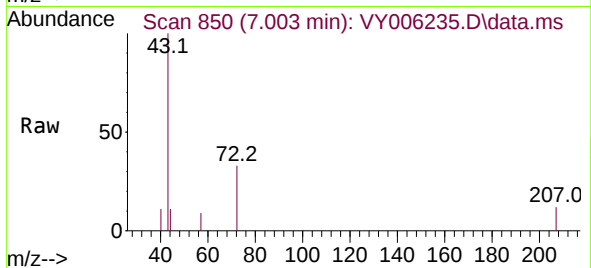
RT: 7.003 min Scan# 850

Delta R.T. -0.079 min

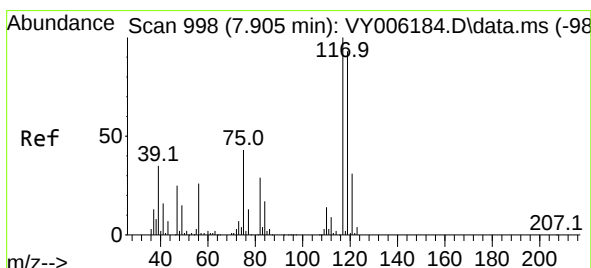
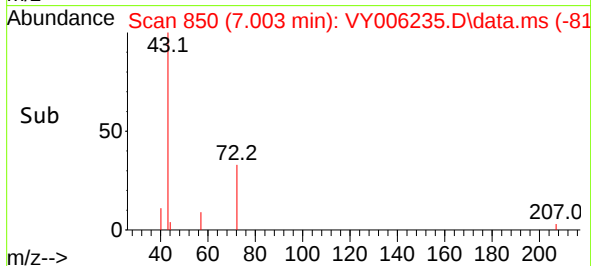
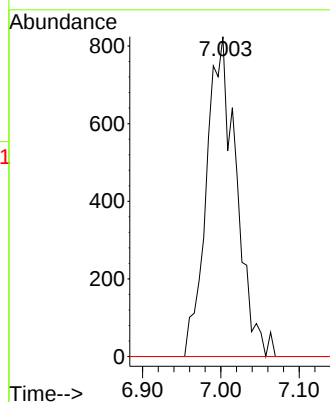
Lab File: VY006235.D

Acq: 30 Sep 2021 13:23

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 43	Resp: 2180
Ion Ratio	Lower Upper
43	100
61	0.0 9.7 14.5#
70	0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.637 ug/l

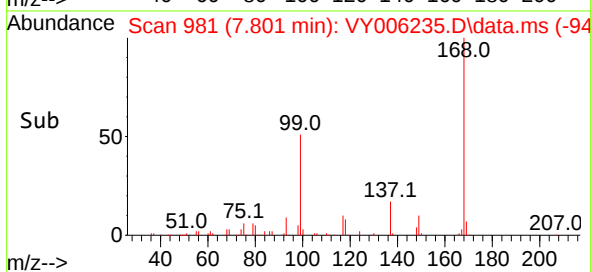
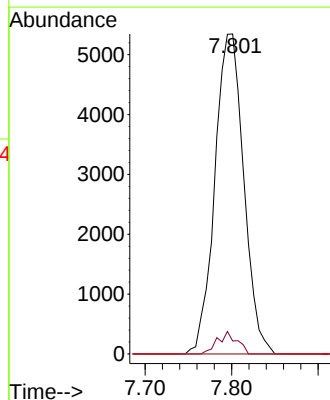
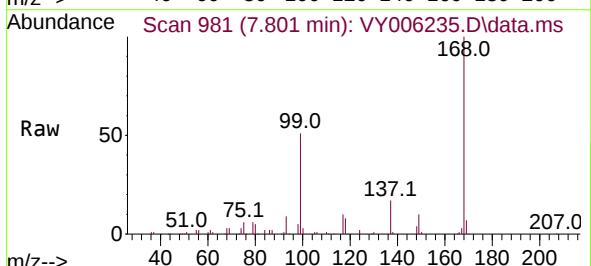
RT: 7.801 min Scan# 981

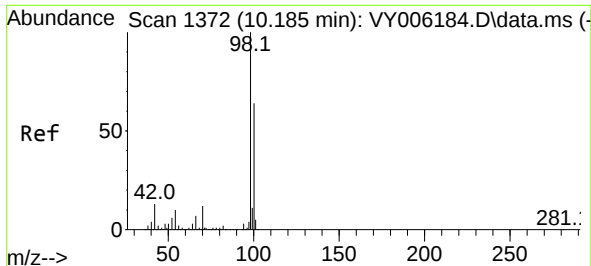
Delta R.T. -0.103 min

Lab File: VY006235.D

Acq: 30 Sep 2021 13:23

Tgt Ion: 117	Resp: 12399
Ion Ratio	Lower Upper
117	100
119	4.0 77.9 116.9#
121	0.0 24.8 37.2#

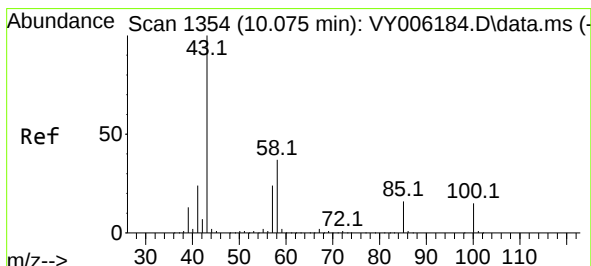
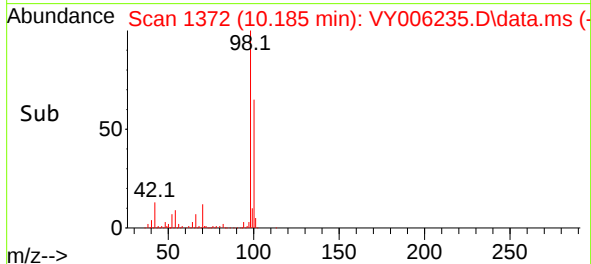
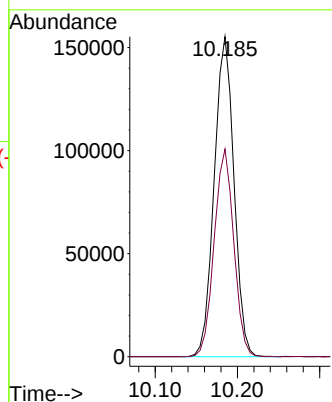
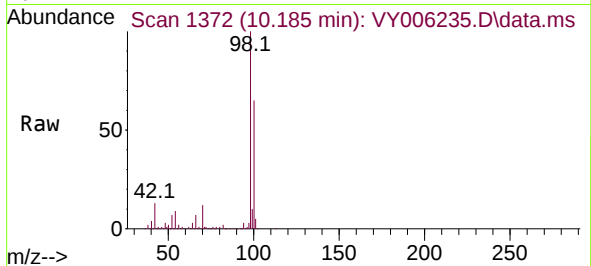




#50
Toluene-d8
Concen: 55.333 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006235.D
Acq: 30 Sep 2021 13:23

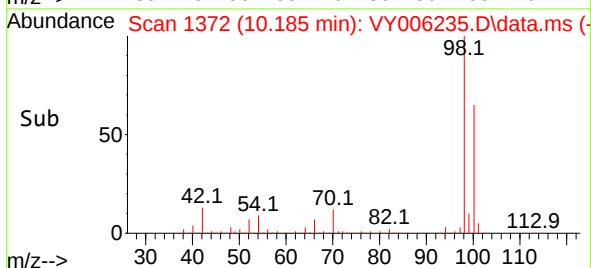
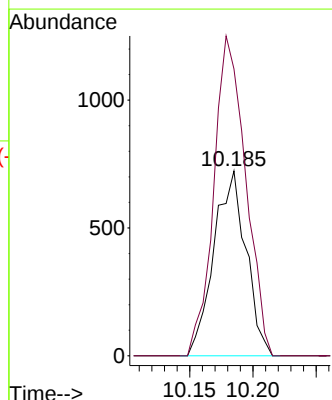
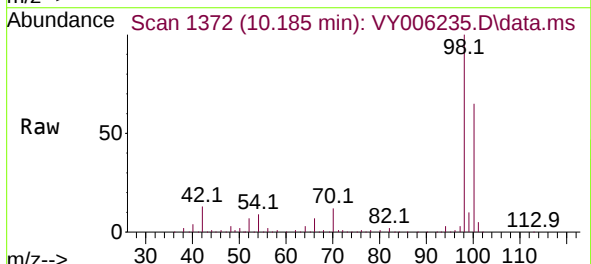
Instrument :
MSVOA_Y
ClientSampled :

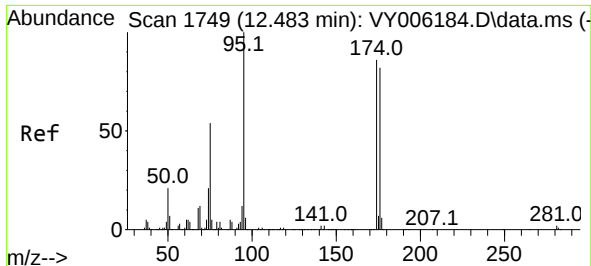
Tgt Ion: 98 Resp: 259040
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.057 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY006235.D
Acq: 30 Sep 2021 13:23

Tgt Ion: 43 Resp: 1278
Ion Ratio Lower Upper
43 100
58 171.7 28.1 42.1#

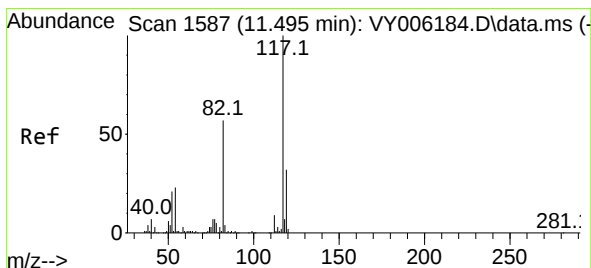
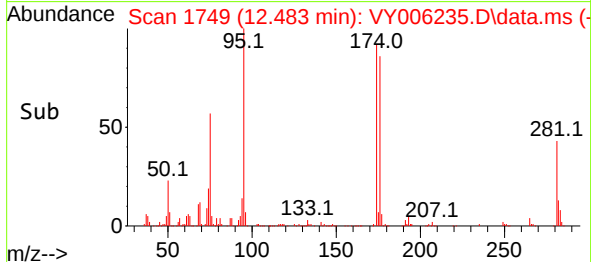
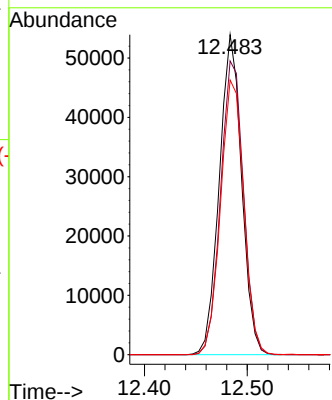
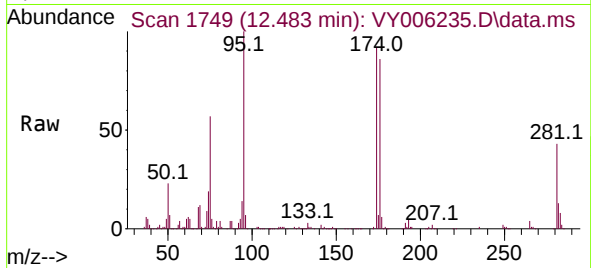




#62
4-Bromofluorobenzene
Concen: 51.003 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006235.D
Acq: 30 Sep 2021 13:23

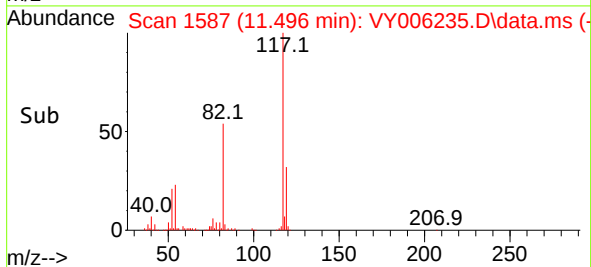
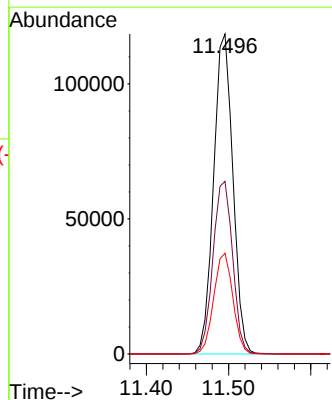
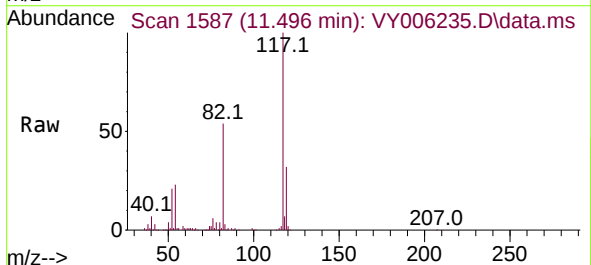
Instrument :
MSVOA_Y
ClientSampleId :

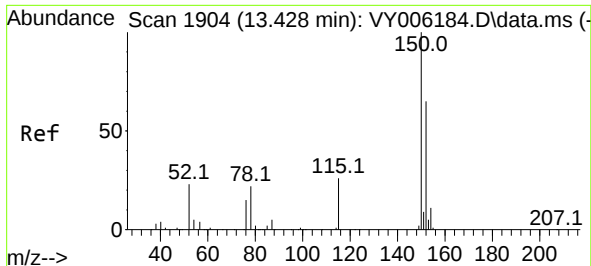
Tgt Ion: 95 Resp: 81113
Ion Ratio Lower Upper
95 100
174 94.3 0.0 177.0
176 89.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006235.D
Acq: 30 Sep 2021 13:23

Tgt Ion: 117 Resp: 192769
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 31.5 25.4 38.0

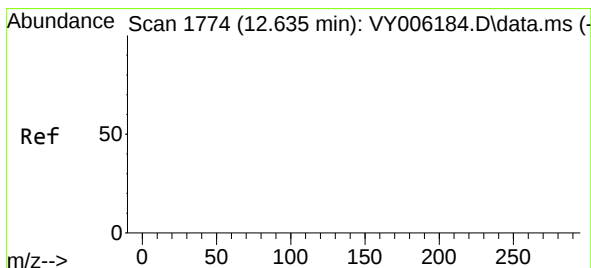
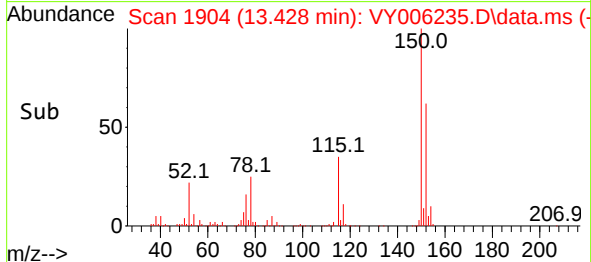
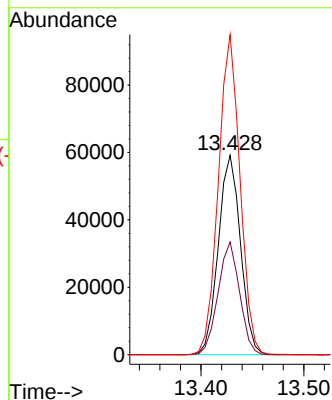
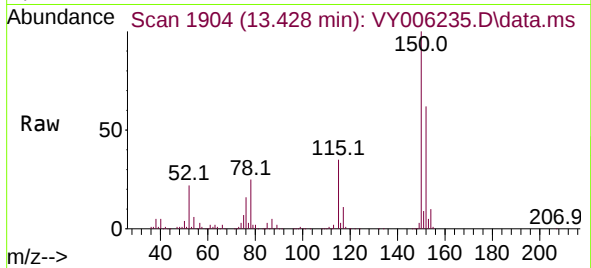




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006235.D
 Acq: 30 Sep 2021 13:23

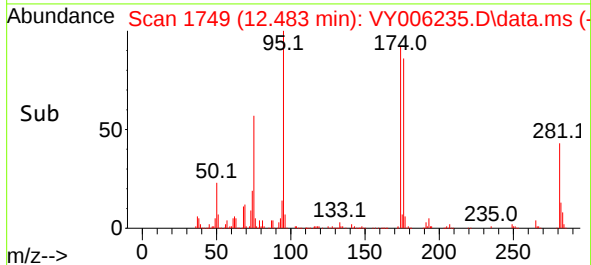
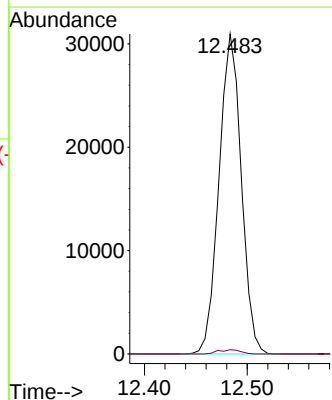
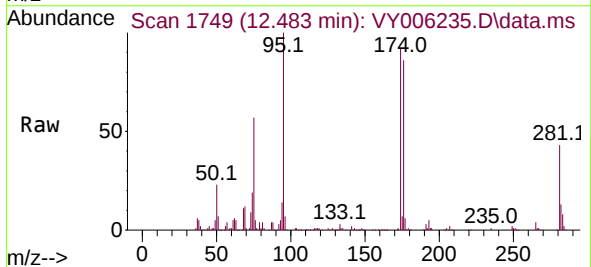
Instrument :
 MSVOA_Y
 ClientSampled :

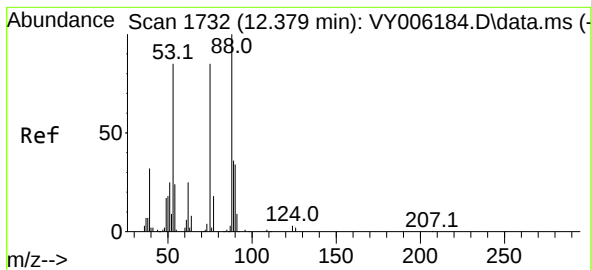
Tgt Ion:152 Resp: 88448
 Ion Ratio Lower Upper
 152 100
 115 54.9 28.2 84.7
 150 156.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 54.142 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006235.D
 Acq: 30 Sep 2021 13:23

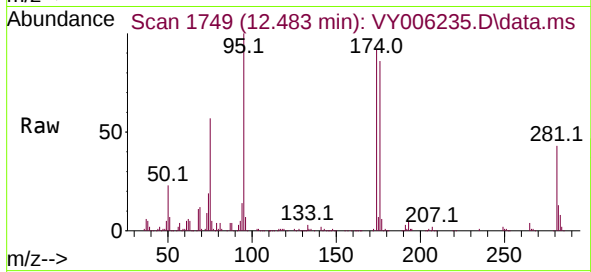
Tgt Ion: 75 Resp: 46544
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.396 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006235.D
 Acq: 30 Sep 2021 13:23

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 46544
 Ion Ratio Lower Upper
 75 100
 53 0.2 85.3 127.9#
 89 0.6 37.0 55.4#

