

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100121\
 Data File : VY006256.D
 Acq On : 01 Oct 2021 11:56
 Operator : SY/MD
 Sample : M3999-05
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 02 02:11:03 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)

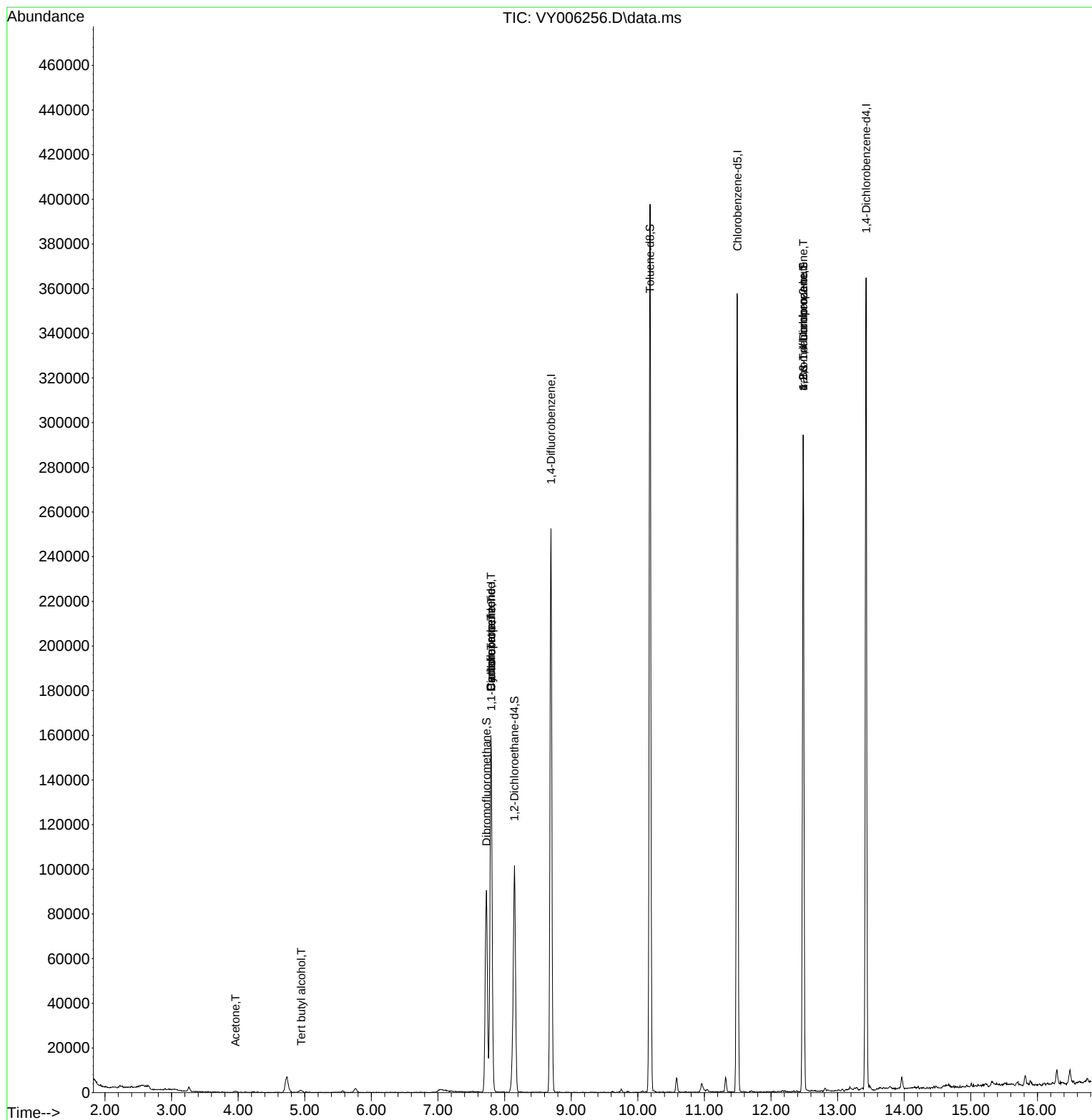
Internal Standards						
1) Pentafluorobenzene	7.795	168	123794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	202522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	191127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	78831	59.497	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.000%			
35) Dibromofluoromethane	7.728	113	60127	55.571	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.140%			
50) Toluene-d8	10.185	98	252817	55.830	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.660%			
62) 4-Bromofluorobenzene	12.483	95	79664	51.786	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.580%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	759	6.549	ug/l #	77
16) Acetone	3.960	43	912	2.464	ug/l #	79
31) Cyclohexane	7.795	56	2700	1.076	ug/l #	4
36) 1,1-Dichloropropene	7.801	75	9307	4.619	ug/l #	51
38) Carbon Tetrachloride	7.795	117	11917	5.601	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	45732	53.298	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45732	104.738	ug/l #	7

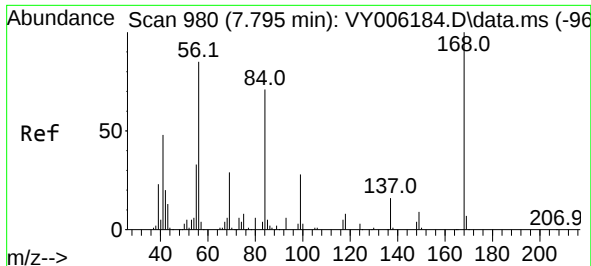
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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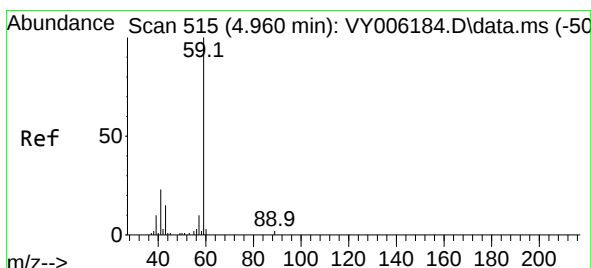
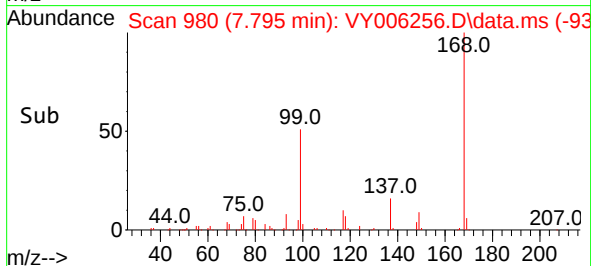
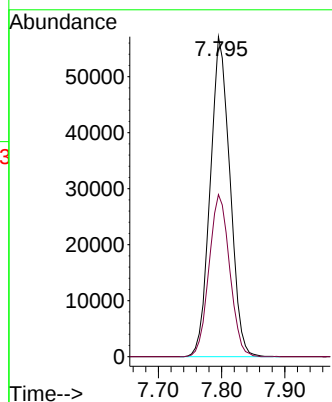
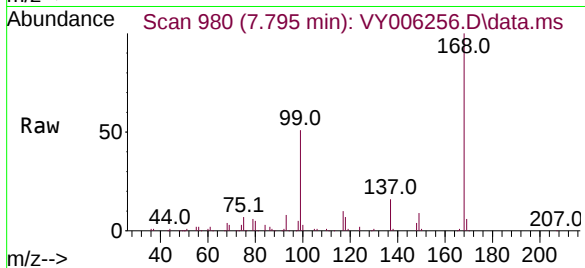




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006256.D
Acq: 01 Oct 2021 11:56

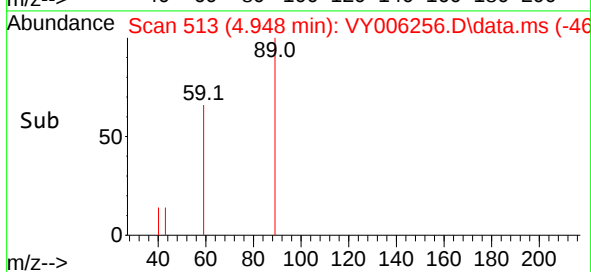
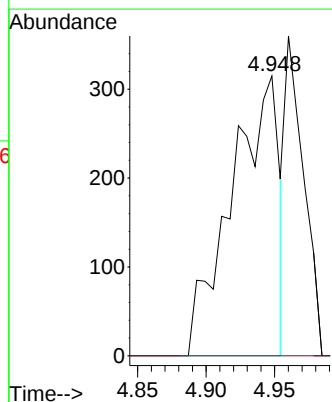
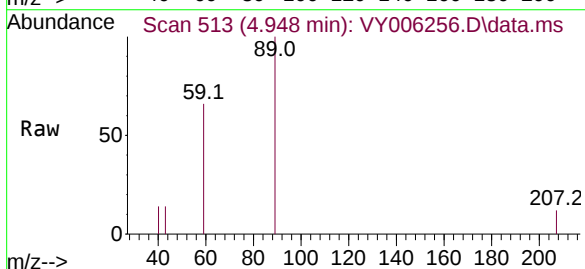
Instrument :
MSVOA_Y
ClientSampled :

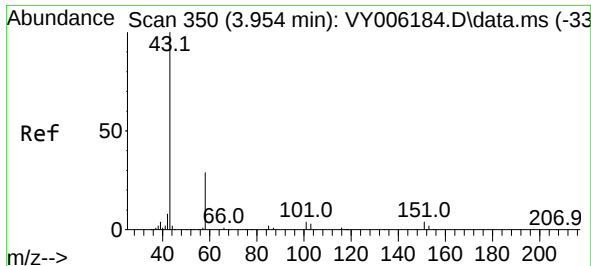
Tgt Ion:168 Resp: 123794
Ion Ratio Lower Upper
168 100
99 50.7 46.9 70.3



#11
Tert butyl alcohol
Concen: 6.549 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY006256.D
Acq: 01 Oct 2021 11:56

Tgt Ion: 59 Resp: 759
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

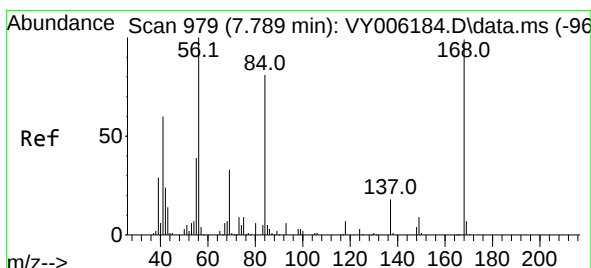
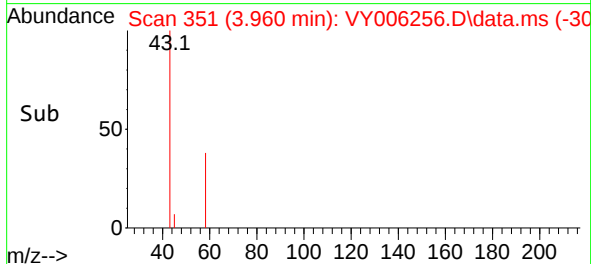
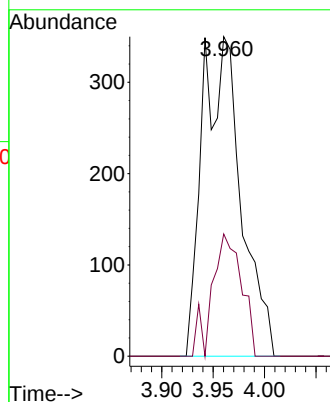
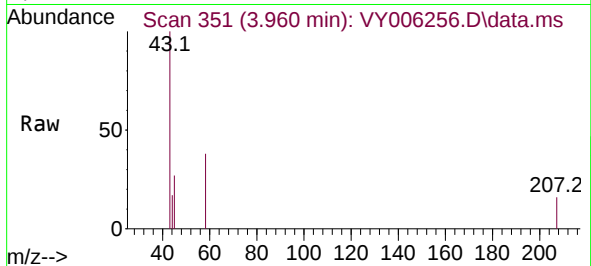




#16
Acetone
Concen: 2.464 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006256.D
Acq: 01 Oct 2021 11:56

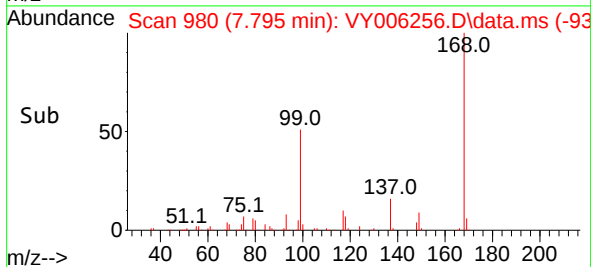
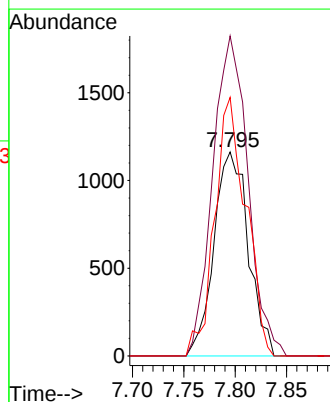
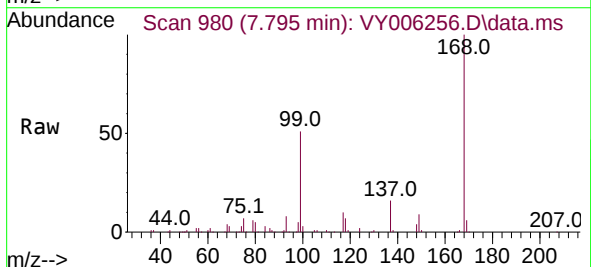
Instrument :
MSVOA_Y
ClientSampled :

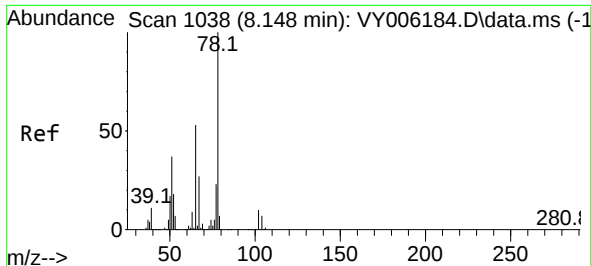
Tgt Ion: 43 Resp: 912
Ion Ratio Lower Upper
43 100
58 38.3 22.0 33.0#



#31
Cyclohexane
Concen: 1.076 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006256.D
Acq: 01 Oct 2021 11:56

Tgt Ion: 56 Resp: 2700
Ion Ratio Lower Upper
56 100
69 156.8 26.7 40.1#
84 126.7 67.2 100.8#

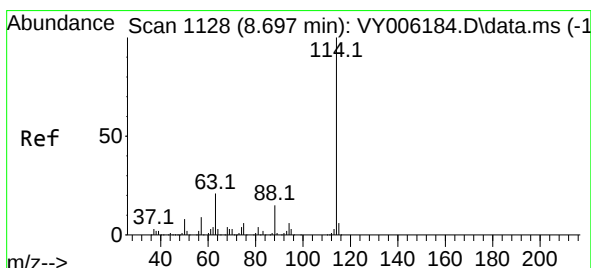
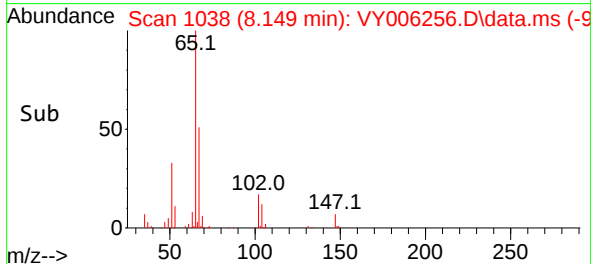
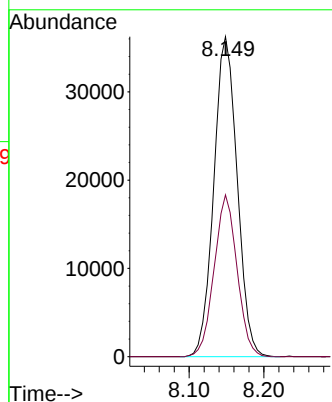
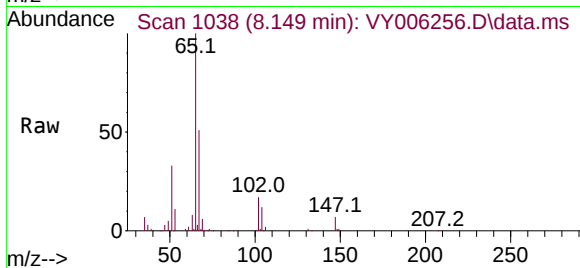




#33
1,2-Dichloroethane-d4
Concen: 59.497 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006256.D
Acq: 01 Oct 2021 11:56

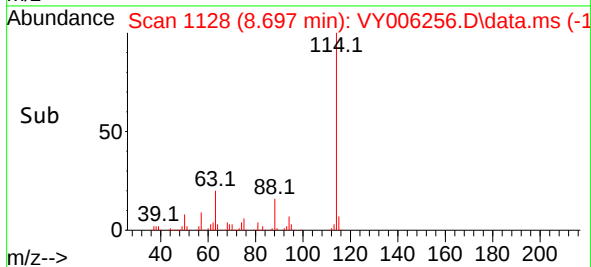
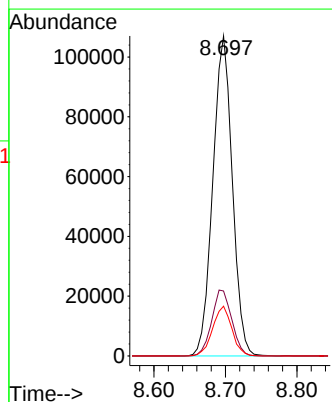
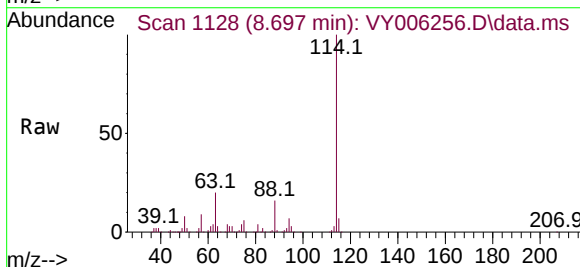
Instrument :
MSVOA_Y
ClientSampled :

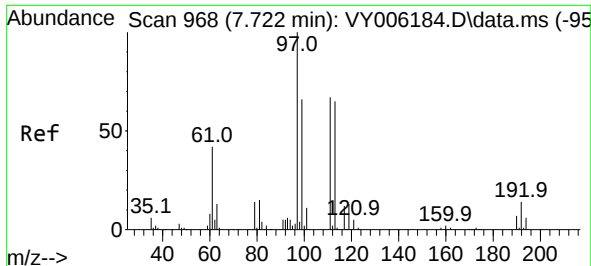
Tgt Ion: 65 Resp: 78831
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006256.D
Acq: 01 Oct 2021 11:56

Tgt Ion: 114 Resp: 202522
Ion Ratio Lower Upper
114 100
63 20.3 0.0 43.2
88 15.6 0.0 31.8

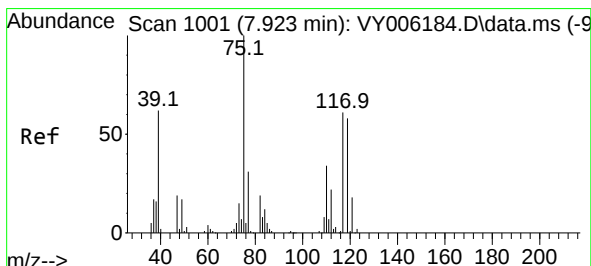
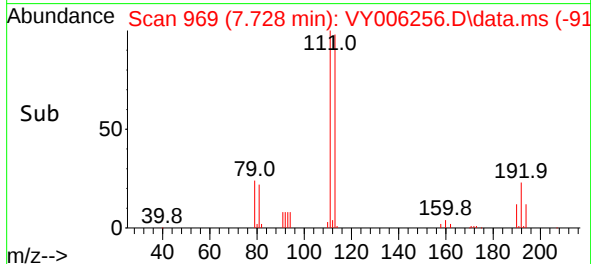
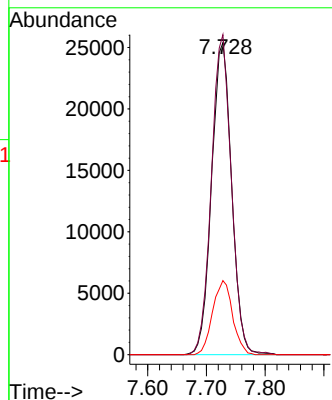
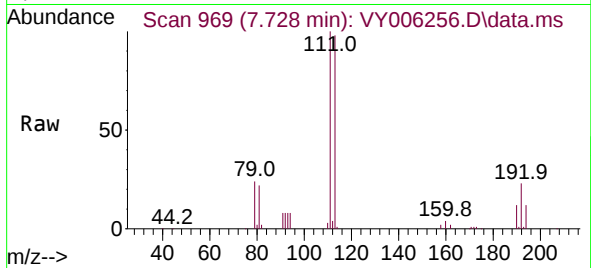




#35
Dibromofluoromethane
Concen: 55.571 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006256.D
Acq: 01 Oct 2021 11:56

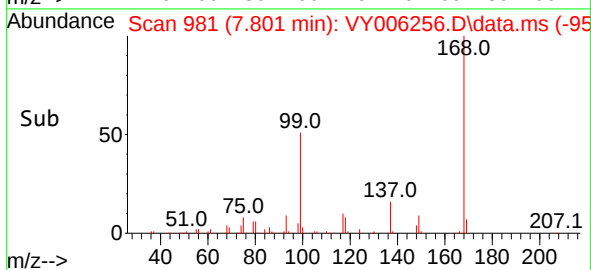
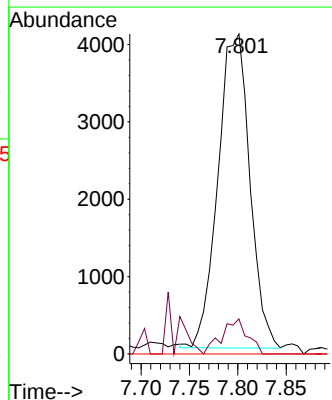
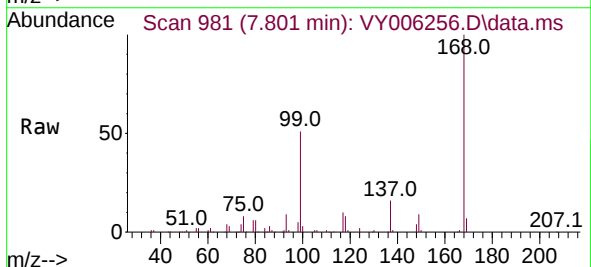
Instrument :
MSVOA_Y
ClientSampleId :

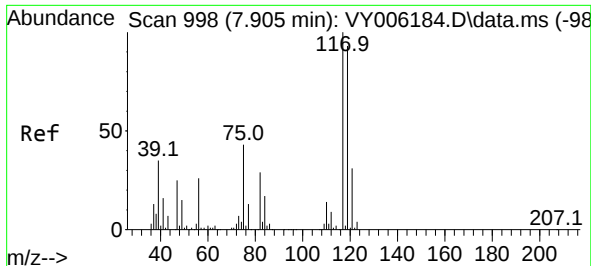
Tgt Ion:113 Resp: 60127
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 23.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.619 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY006256.D
Acq: 01 Oct 2021 11:56

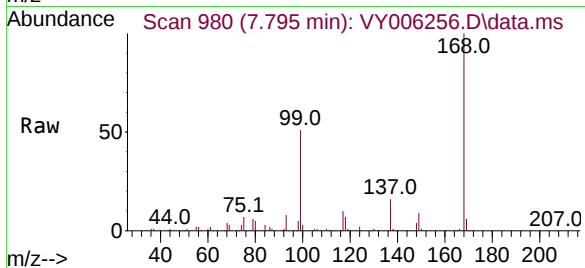
Tgt Ion: 75 Resp: 9307
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.2#
77 0.0 24.4 36.6#



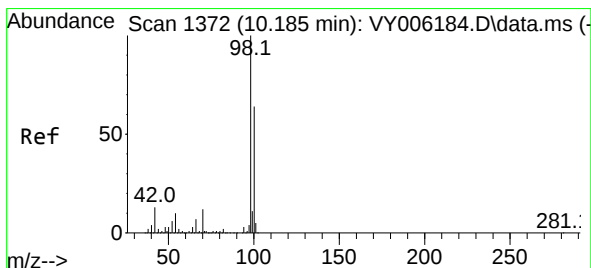
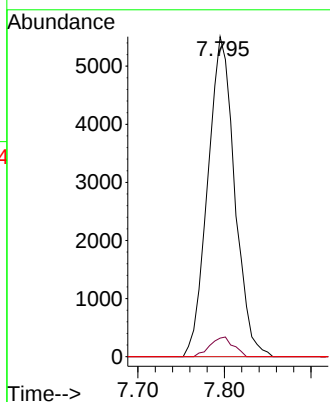
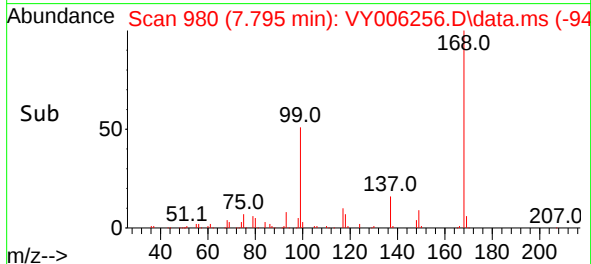


#38
Carbon Tetrachloride
Concen: 5.601 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006256.D
Acq: 01 Oct 2021 11:56

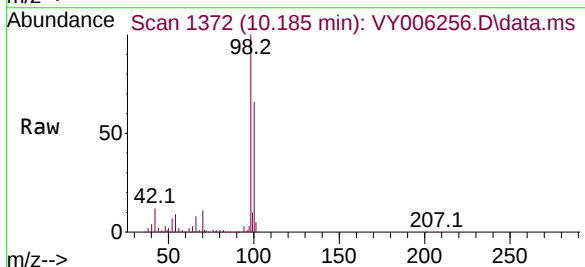
Instrument :
MSVOA_Y
ClientSampleId :



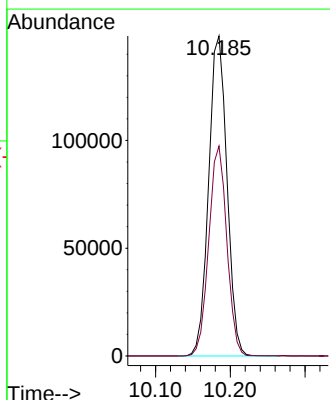
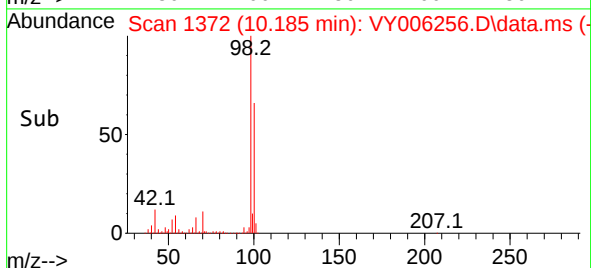
Tgt Ion:117 Resp: 11917
Ion Ratio Lower Upper
117 100
119 5.8 77.9 116.9#
121 0.0 24.8 37.2#

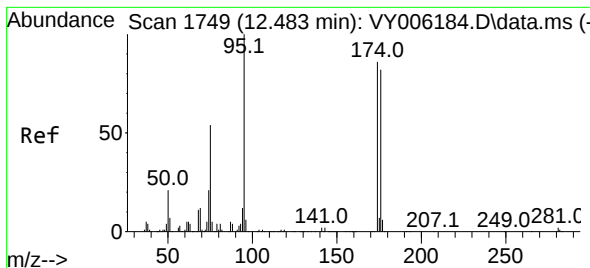


#50
Toluene-d8
Concen: 55.830 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006256.D
Acq: 01 Oct 2021 11:56



Tgt Ion: 98 Resp: 252817
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

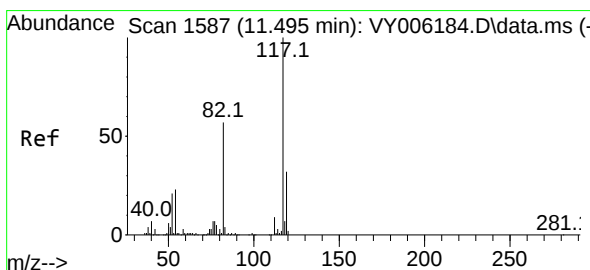
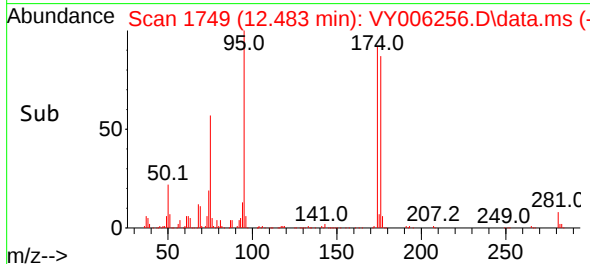
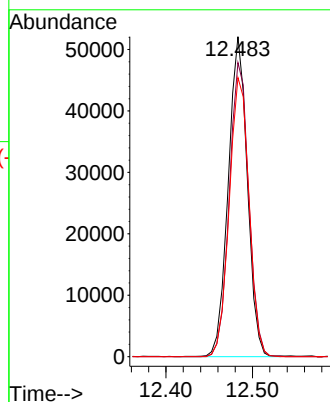
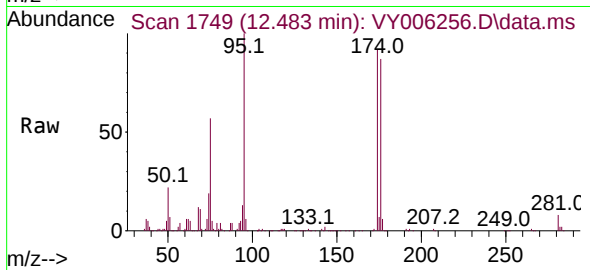




#62
4-Bromofluorobenzene
Concen: 51.786 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006256.D
Acq: 01 Oct 2021 11:56

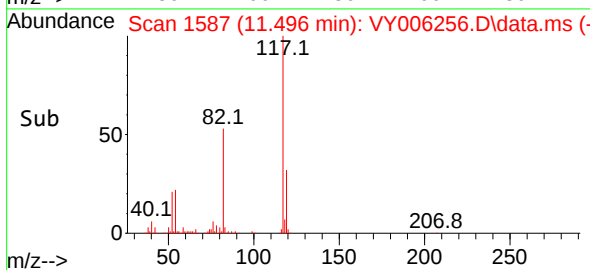
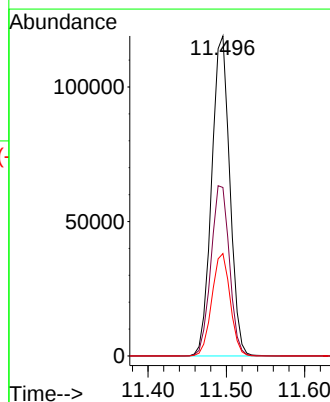
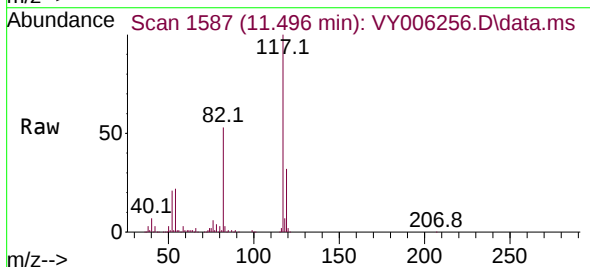
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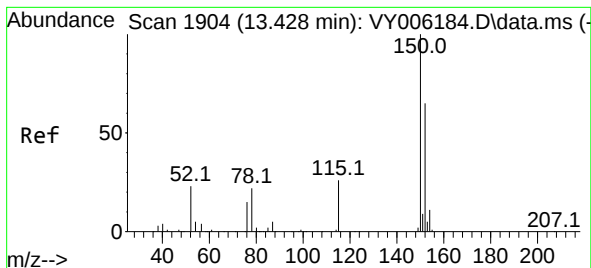
Tgt Ion:	95	Resp:	79664
Ion	Ratio	Lower	Upper
95	100		
174	93.8	0.0	177.0
176	90.4	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006256.D
Acq: 01 Oct 2021 11:56

Tgt Ion:	117	Resp:	191127
Ion	Ratio	Lower	Upper
117	100		
82	52.6	43.0	64.4
119	32.0	25.4	38.0

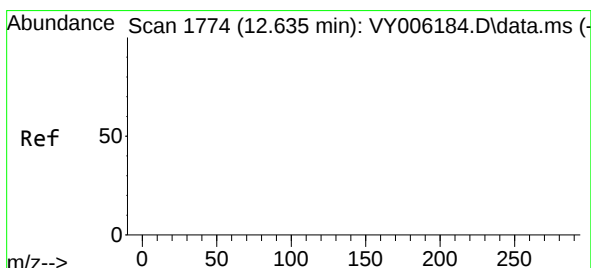
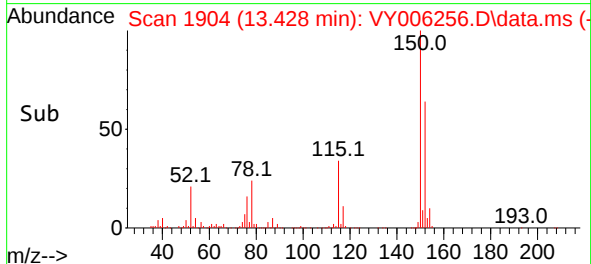
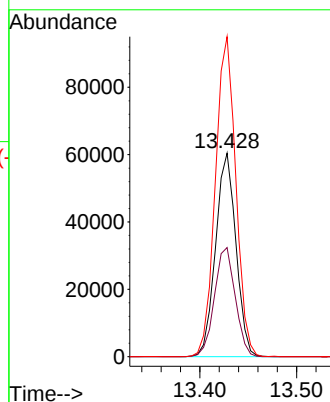
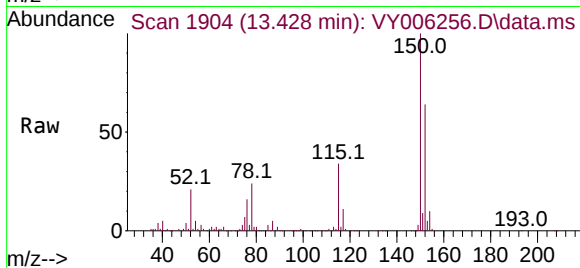




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006256.D
 Acq: 01 Oct 2021 11:56

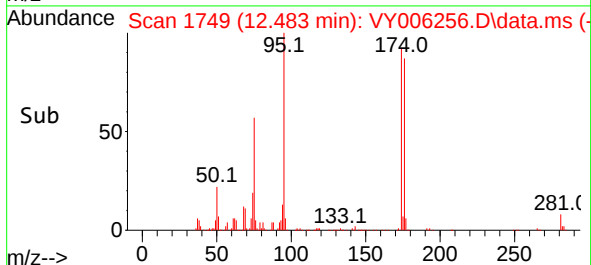
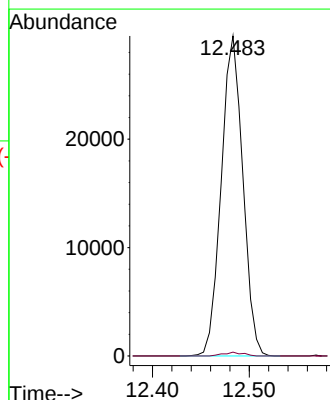
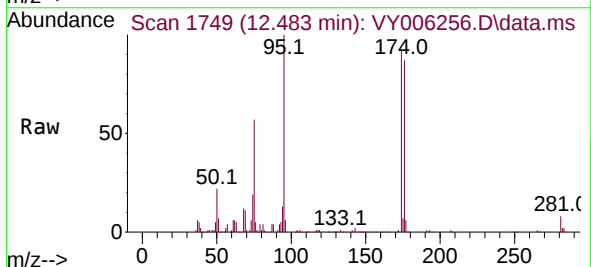
Instrument :
 MSVOA_Y
 ClientSampled :

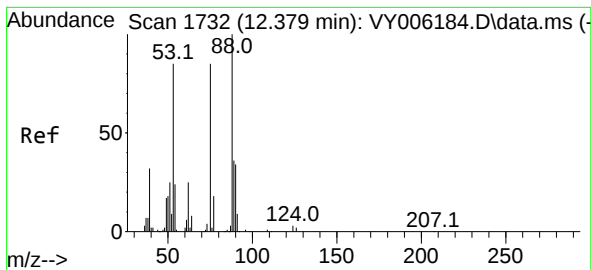
Tgt Ion:152 Resp: 88281
 Ion Ratio Lower Upper
 152 100
 115 54.9 28.2 84.7
 150 157.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 53.298 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006256.D
 Acq: 01 Oct 2021 11:56

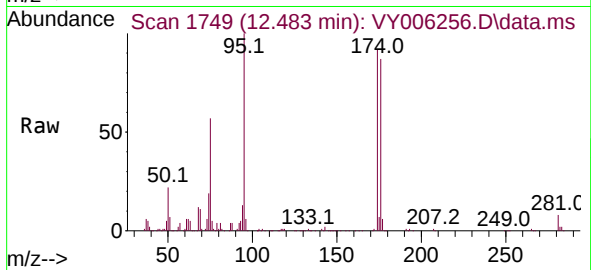
Tgt Ion: 75 Resp: 45732
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.738 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006256.D
 Acq: 01 Oct 2021 11:56

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 45732
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.0 37.0 55.4#

