

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080521\
 Data File : VY005551.D
 Acq On : 05 Aug 2021 13:27
 Operator : SY/MD
 Sample : M3289-05
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 06 04:38:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

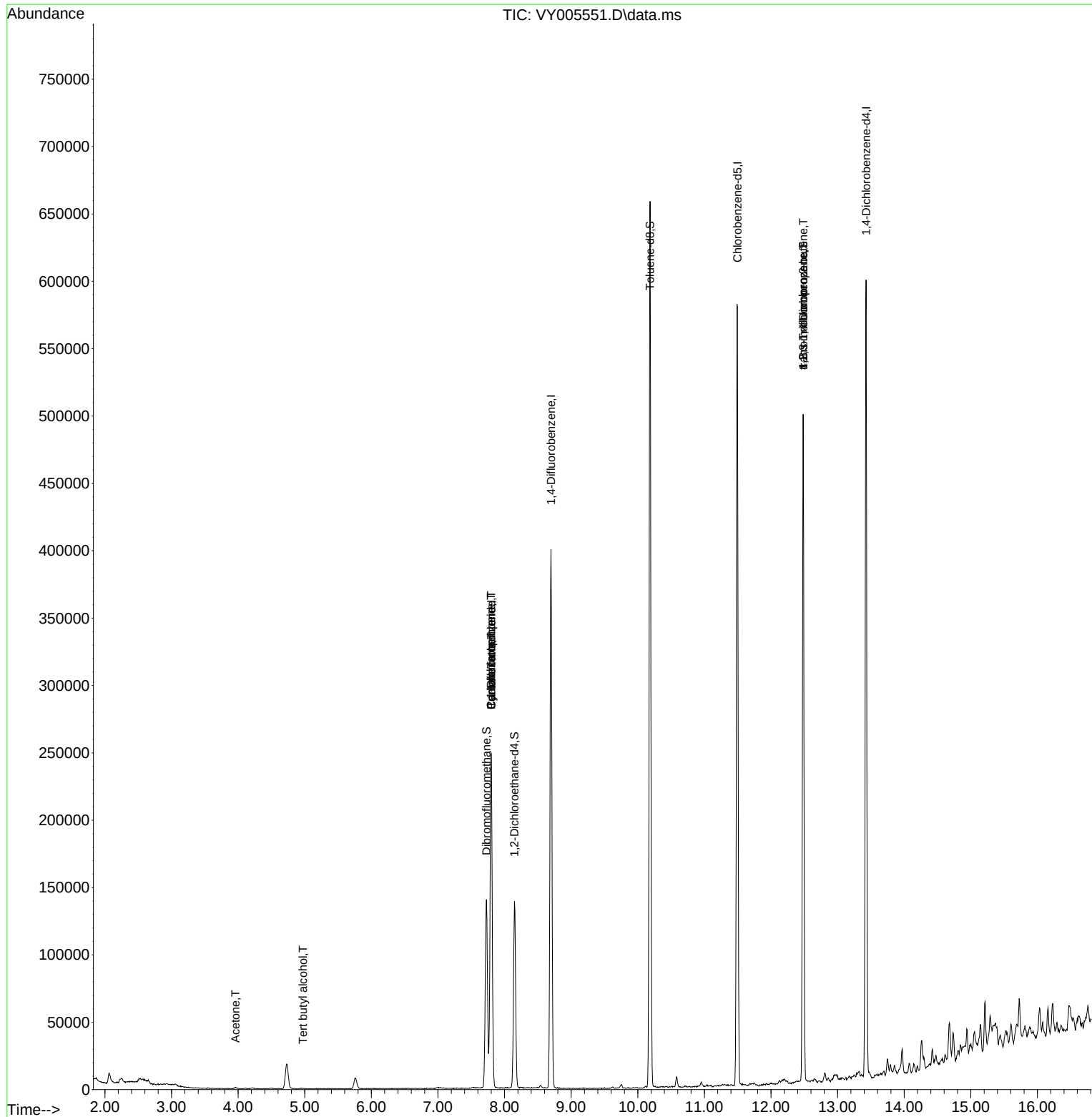
Internal Standards						
1) Pentafluorobenzene	7.801	168	206732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	336637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	317809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	153993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	110997	53.042	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.080%	
35) Dibromofluoromethane	7.728	113	96506	51.204	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.400%	
50) Toluene-d8	10.185	98	420687	53.221	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.440%	
62) 4-Bromofluorobenzene	12.483	95	141707	54.137	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.280%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.973	59	445	2.151	ug/l #	73
16) Acetone	3.961	43	1548	2.934	ug/l #	69
31) Cyclohexane	7.801	56	3780	1.053	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	14623	4.631	ug/l #	49
38) Carbon Tetrachloride	7.801	117	19201	5.595	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	76072	47.670	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	76072	96.096	ug/l #	11

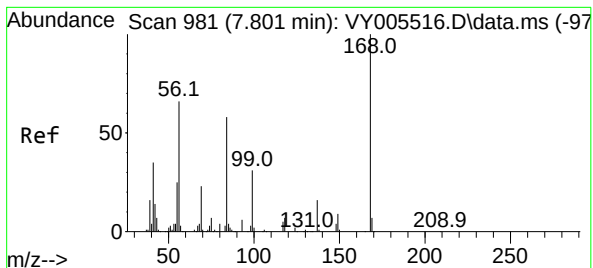
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 06 04:38:55 2021
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Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY005551.D

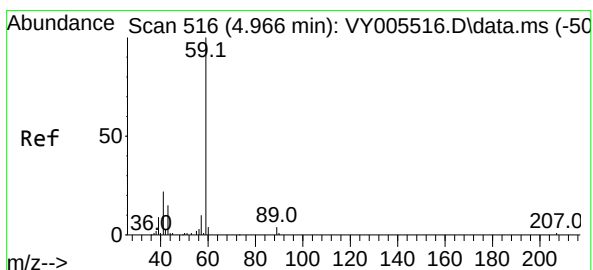
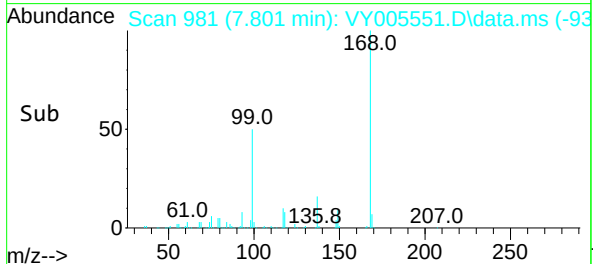
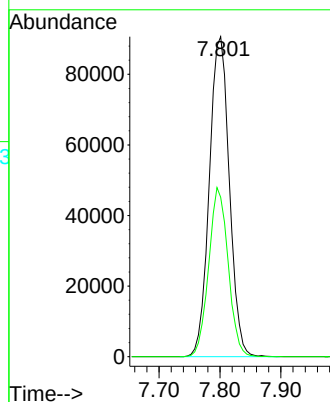
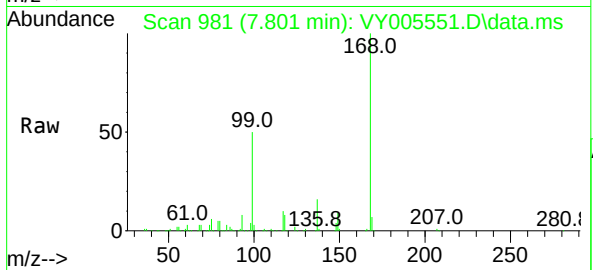
Acq: 05 Aug 2021 13:27

Tgt Ion:168 Resp: 206732

Ion Ratio Lower Upper

168 100

99 49.8 38.9 58.3



#11

Tert butyl alcohol

Concen: 2.151 ug/l

RT: 4.973 min Scan# 517

Delta R.T. 0.006 min

Lab File: VY005551.D

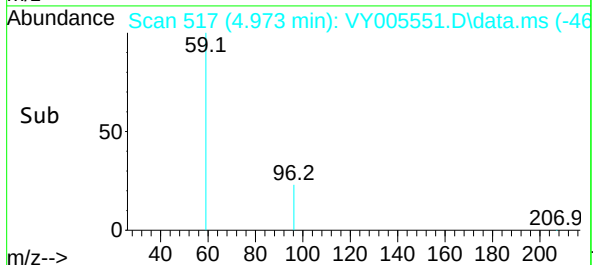
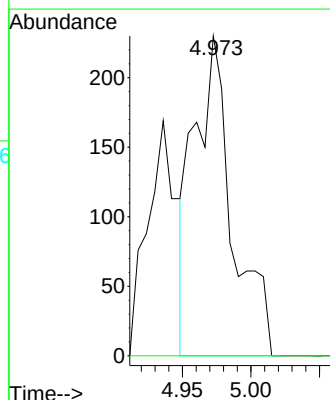
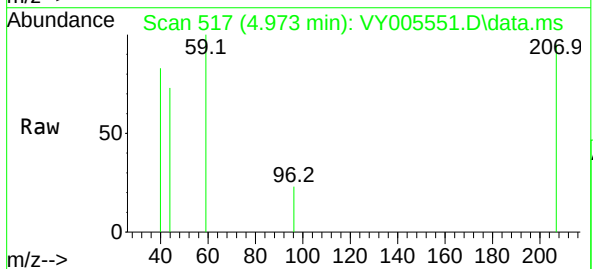
Acq: 05 Aug 2021 13:27

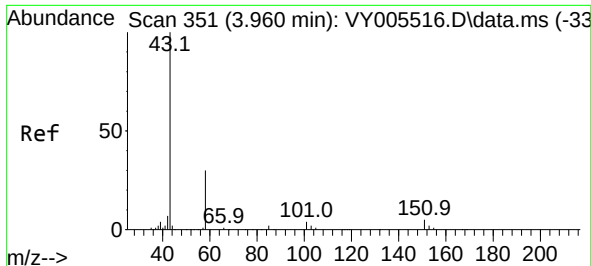
Tgt Ion: 59 Resp: 445

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#

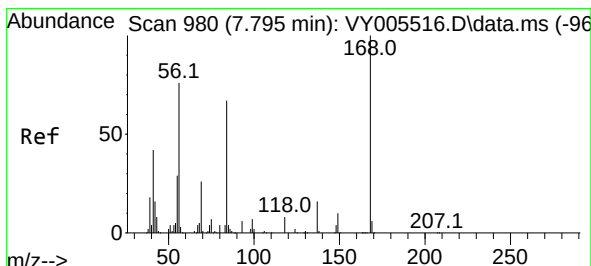
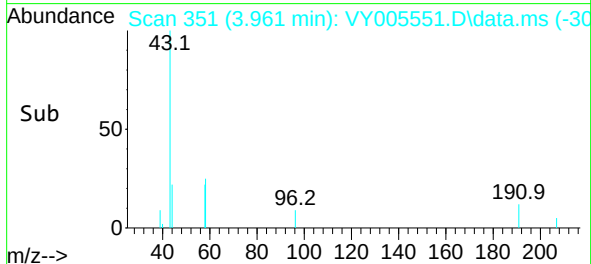
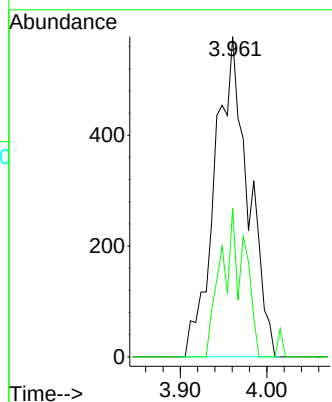
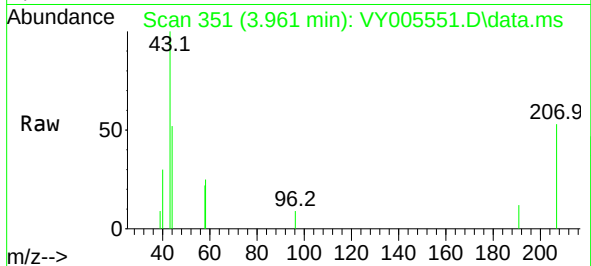




#16
Acetone
Concen: 2.934 ug/l
RT: 3.961 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005551.D
Acq: 05 Aug 2021 13:27

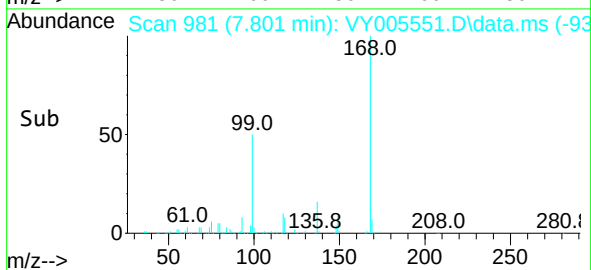
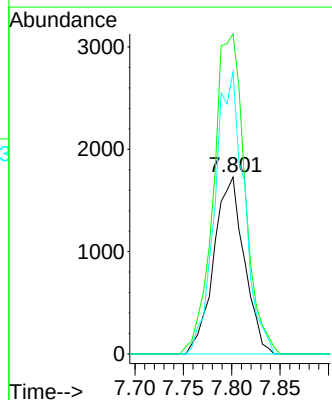
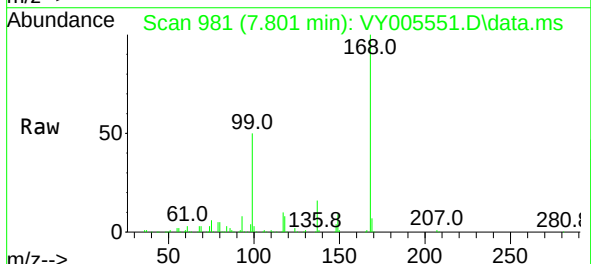
Instrument :
MSVOA_Y
ClientSampleId :

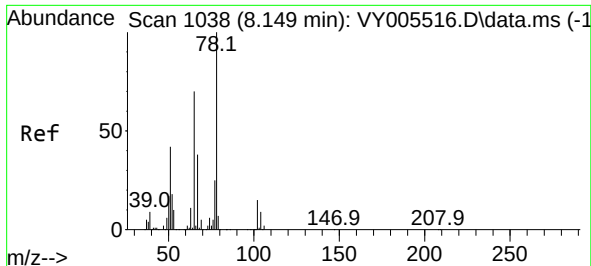
Tgt Ion: 43 Resp: 1548
Ion Ratio Lower Upper
43 100
58 46.5 23.8 35.6#



#31
Cyclohexane
Concen: 1.053 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005551.D
Acq: 05 Aug 2021 13:27

Tgt Ion: 56 Resp: 3780
Ion Ratio Lower Upper
56 100
69 181.0 27.7 41.5#
84 159.3 70.9 106.3#

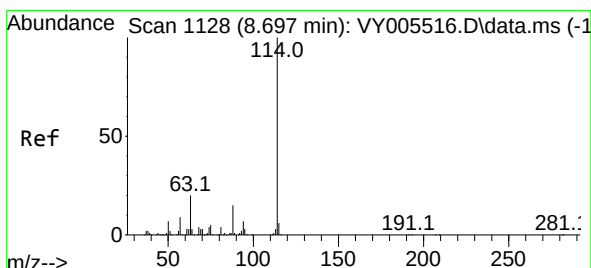
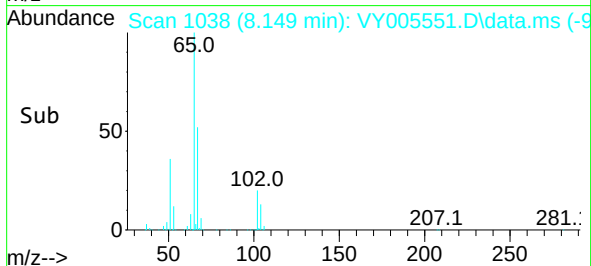
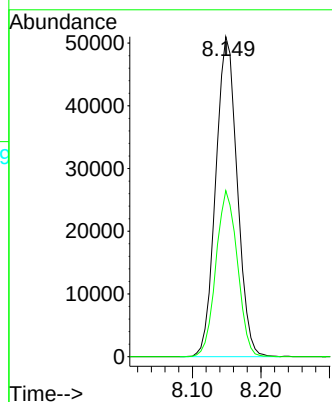
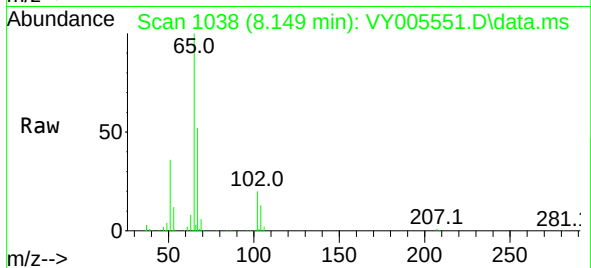




#33
 1,2-Dichloroethane-d4
 Concen: 53.042 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY005551.D
 Acq: 05 Aug 2021 13:27

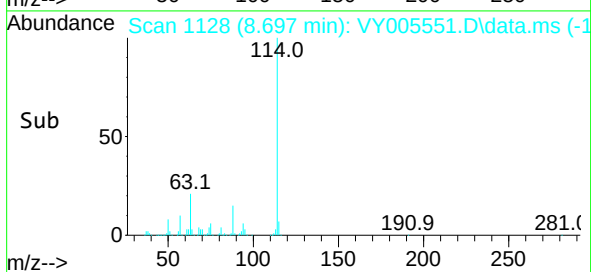
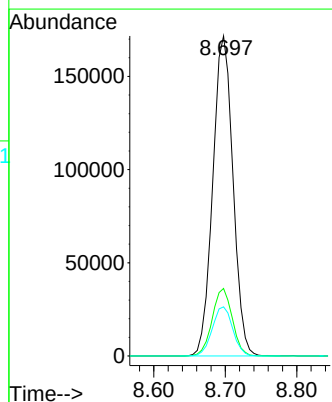
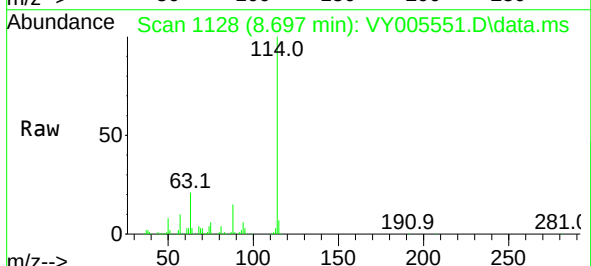
Instrument :
 MSVOA_Y
 ClientSampleId :

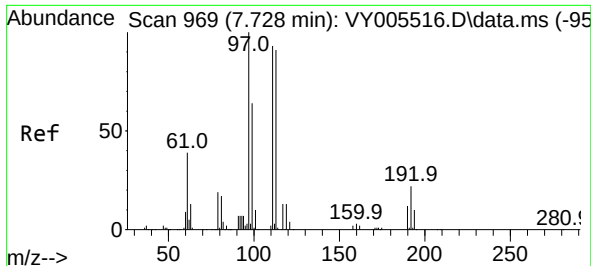
Tgt Ion: 65 Resp: 110997
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY005551.D
 Acq: 05 Aug 2021 13:27

Tgt Ion: 114 Resp: 336637
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 39.2
 88 15.4 0.0 30.8

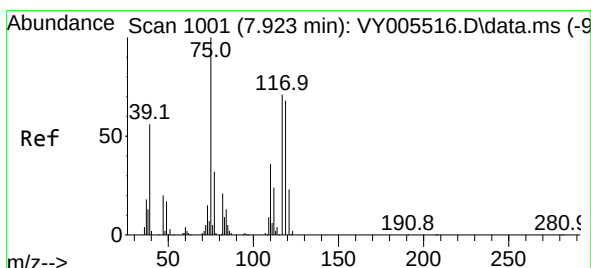
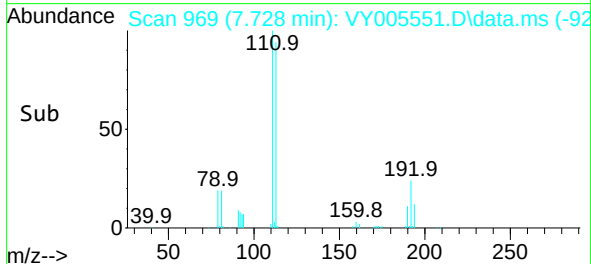
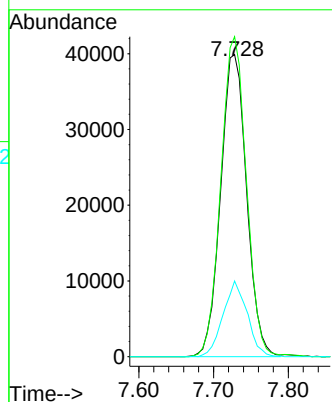
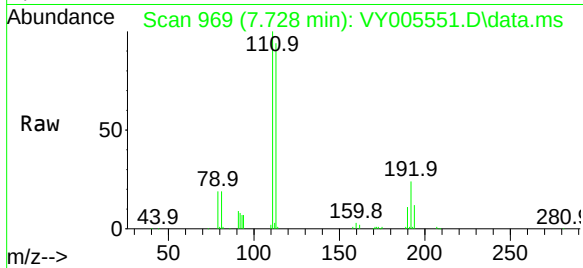




#35
Dibromofluoromethane
Concen: 51.204 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005551.D
Acq: 05 Aug 2021 13:27

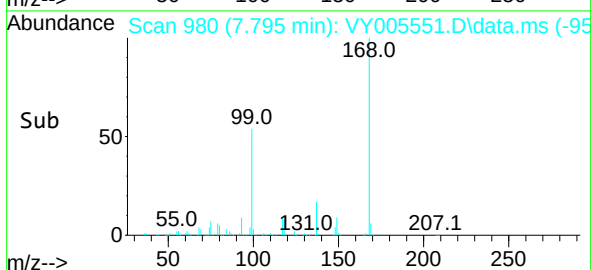
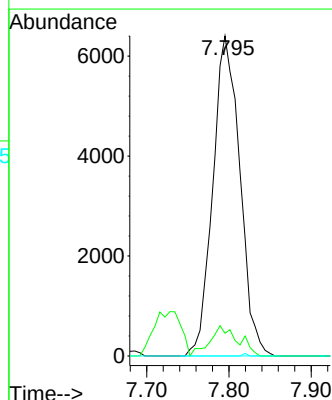
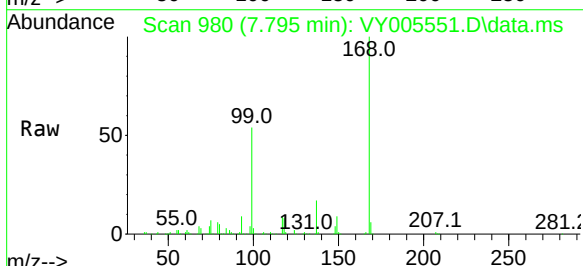
Instrument :
MSVOA_Y
ClientSampleId :

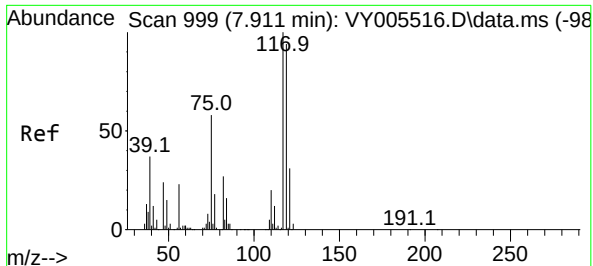
Tgt Ion:113 Resp: 96506
Ion Ratio Lower Upper
113 100
111 104.2 81.9 122.9
192 23.3 19.2 28.8



#36
1,1-Dichloropropene
Concen: 4.631 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005551.D
Acq: 05 Aug 2021 13:27

Tgt Ion: 75 Resp: 14623
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.1#
77 0.0 25.1 37.7#

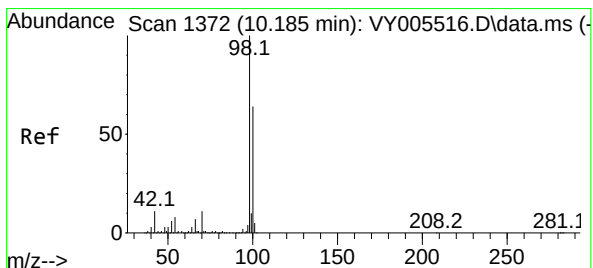
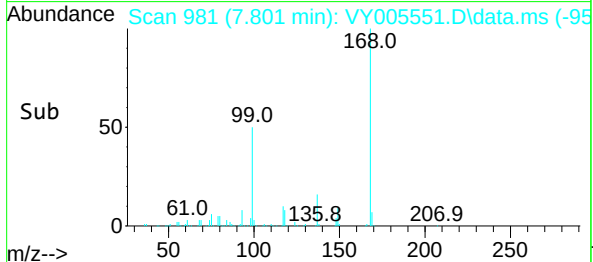
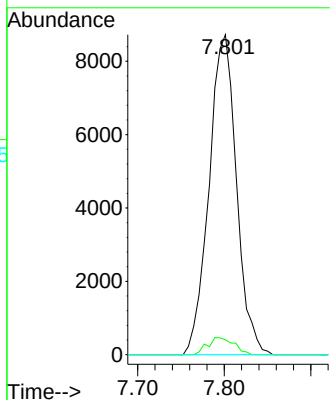
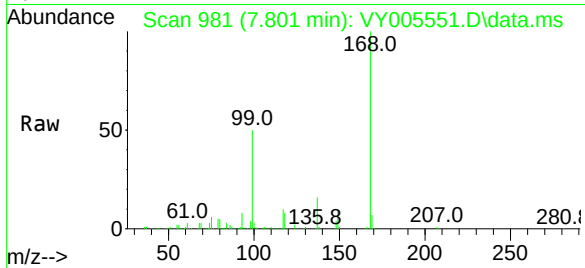




#38
Carbon Tetrachloride
Concen: 5.595 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005551.D
Acq: 05 Aug 2021 13:27

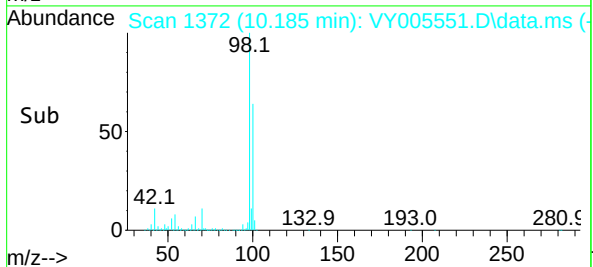
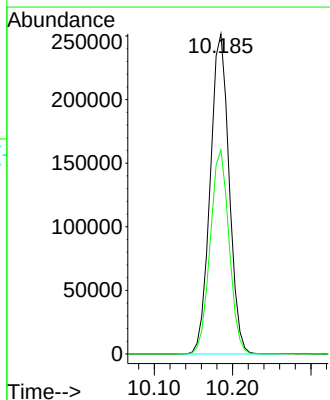
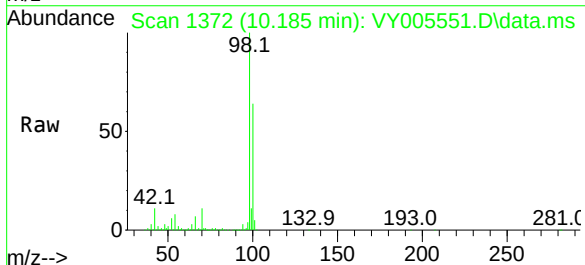
Instrument :
MSVOA_Y
ClientSampleId :

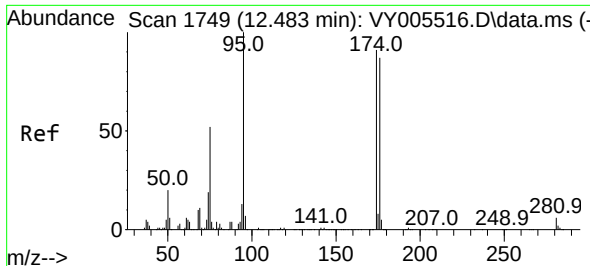
Tgt Ion:117 Resp: 19201
Ion Ratio Lower Upper
117 100
119 4.6 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 53.221 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005551.D
Acq: 05 Aug 2021 13:27

Tgt Ion: 98 Resp: 420687
Ion Ratio Lower Upper
98 100
100 63.7 51.3 76.9

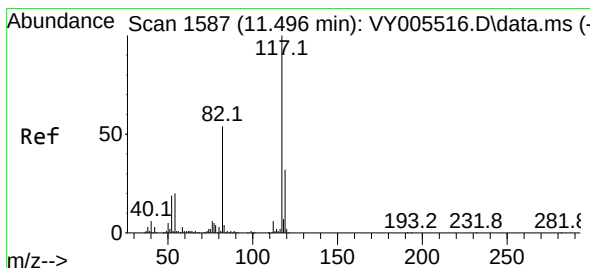
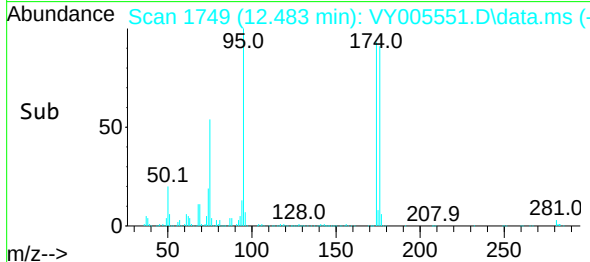
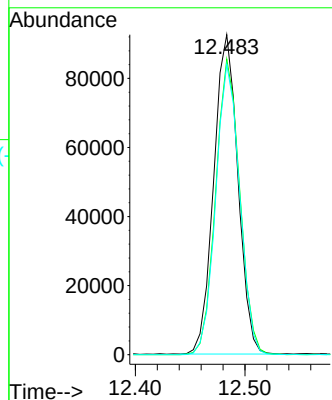
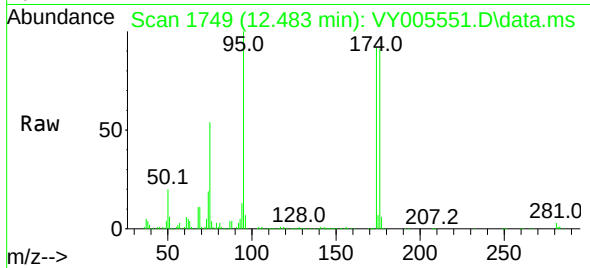




#62
4-Bromofluorobenzene
Concen: 54.137 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005551.D
Acq: 05 Aug 2021 13:27

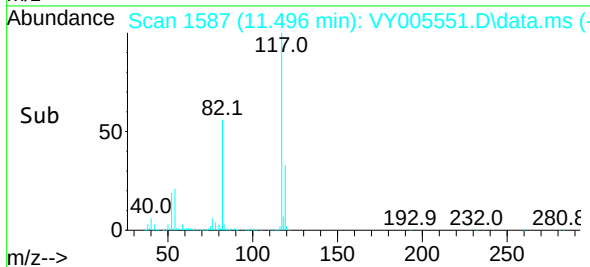
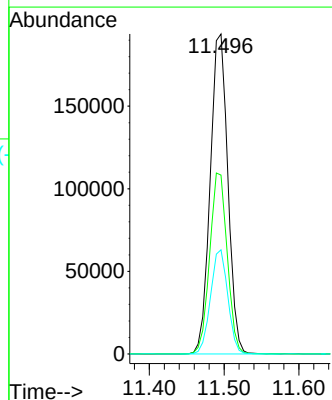
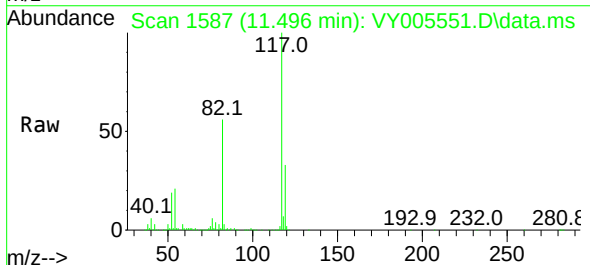
Instrument :
MSVOA_Y
ClientSampleId :

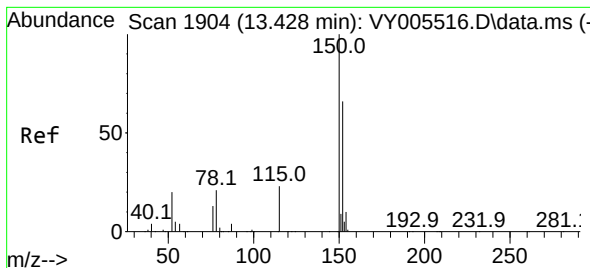
Tgt Ion: 95 Resp: 141707
Ion Ratio Lower Upper
95 100
174 92.1 0.0 191.4
176 89.8 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005551.D
Acq: 05 Aug 2021 13:27

Tgt Ion: 117 Resp: 317809
Ion Ratio Lower Upper
117 100
82 55.9 43.5 65.3
119 32.5 25.5 38.3

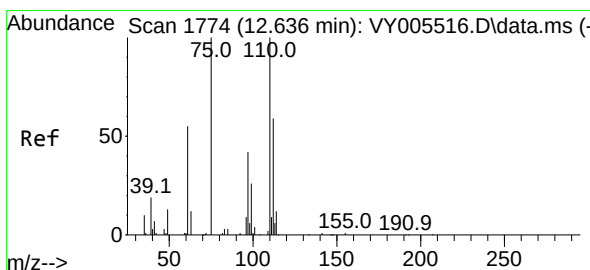
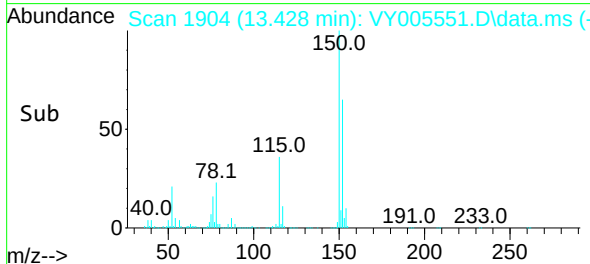
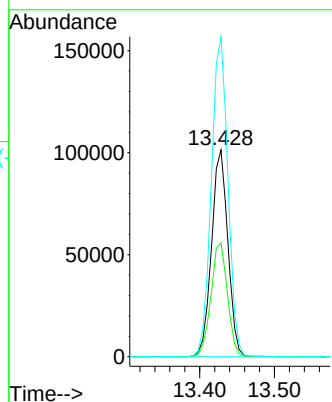
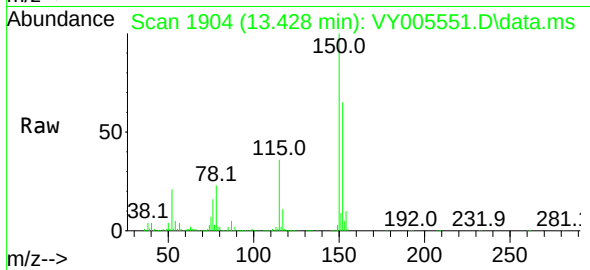




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005551.D
 Acq: 05 Aug 2021 13:27

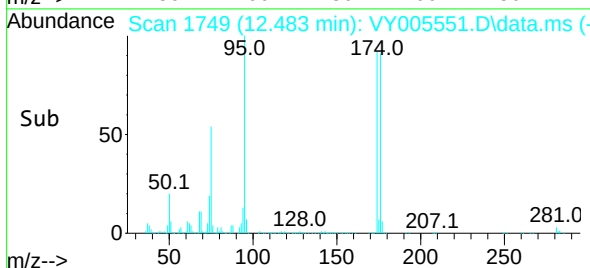
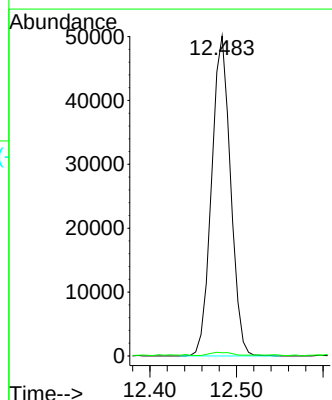
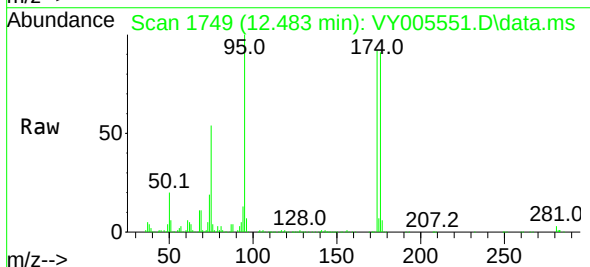
Instrument :
 MSVOA_Y
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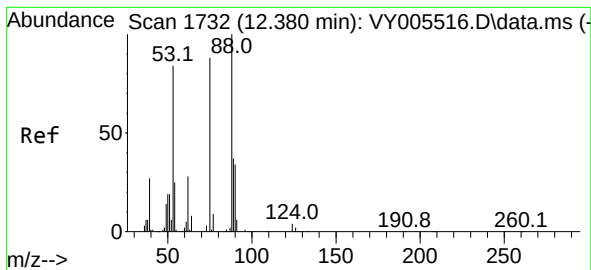
Tgt Ion:152 Resp: 153993
 Ion Ratio Lower Upper
 152 100
 115 55.5 27.3 81.9
 150 157.0 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 47.670 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005551.D
 Acq: 05 Aug 2021 13:27

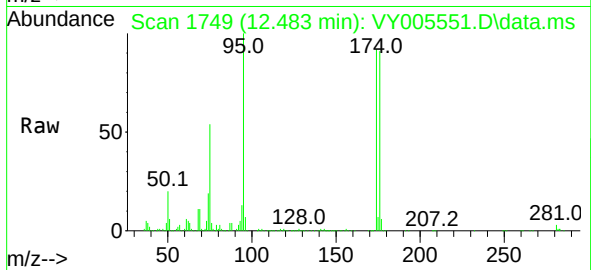
Tgt Ion: 75 Resp: 76072
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.096 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005551.D
 Acq: 05 Aug 2021 13:27

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.7	115.1#
89	0.1	38.4	57.6#

