

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080521\
 Data File : VY005560.D
 Acq On : 05 Aug 2021 17:21
 Operator : SY/MD
 Sample : M3291-04RE
 Misc : 6.16G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 06 04:41:33 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)

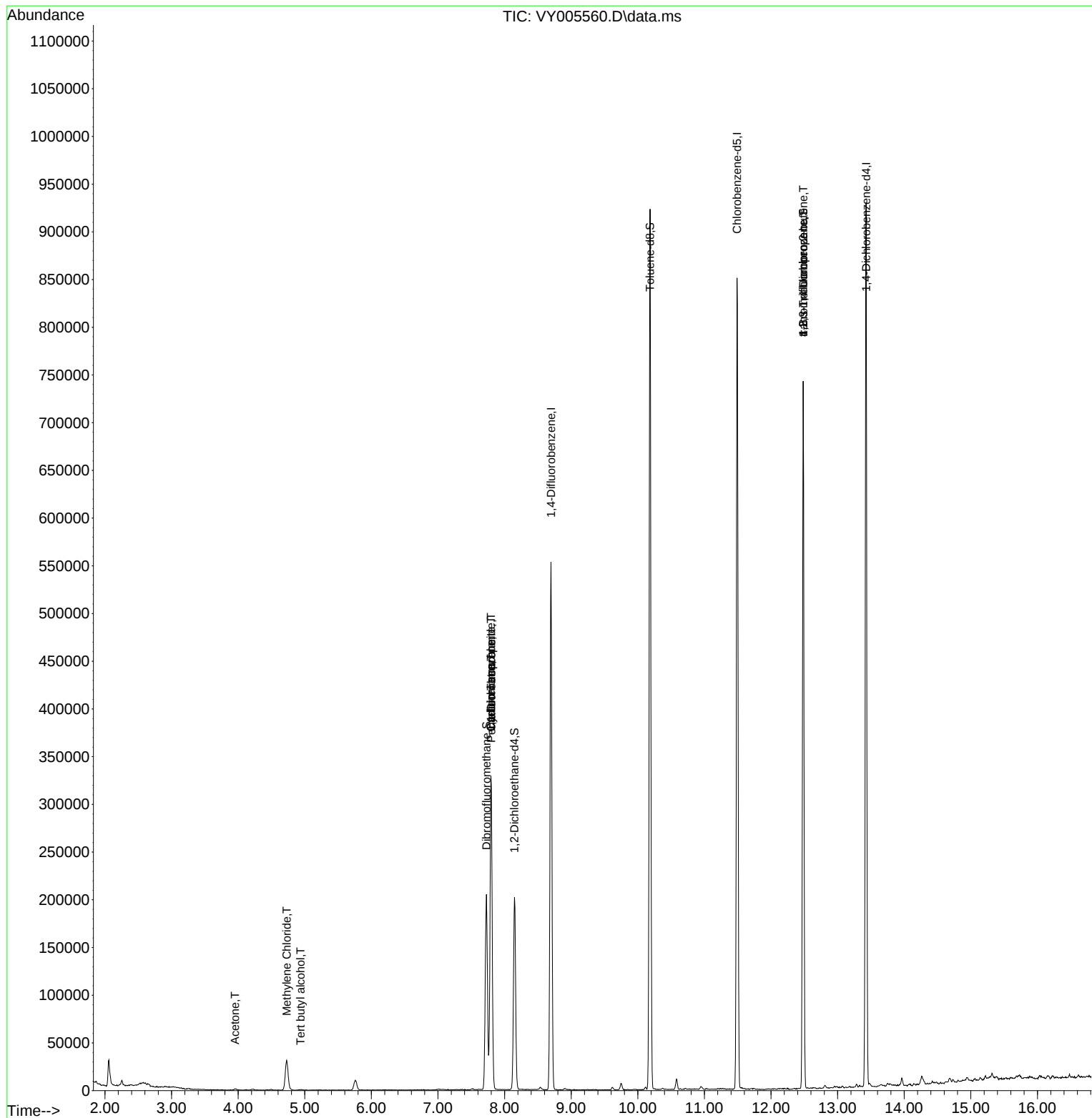
Internal Standards						
1) Pentafluorobenzene	7.801	168	267009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	457694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	462651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	240091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	164687	60.932	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.860%	
35) Dibromofluoromethane	7.728	113	138334	53.984	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.960%	
50) Toluene-d8	10.185	98	589291	54.833	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.660%	
62) 4-Bromofluorobenzene	12.483	95	212588	59.735	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 119.460%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	403	1.508	ug/l #	73
16) Acetone	3.954	43	2101	3.083	ug/l #	86
20) Methylene Chloride	4.729	84	23115	2.837	ug/l	92
31) Cyclohexane	7.795	56	5054	1.090	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	18834	4.387	ug/l #	49
38) Carbon Tetrachloride	7.795	117	24006	5.145	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	113673	45.688	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	113673	92.101	ug/l #	11

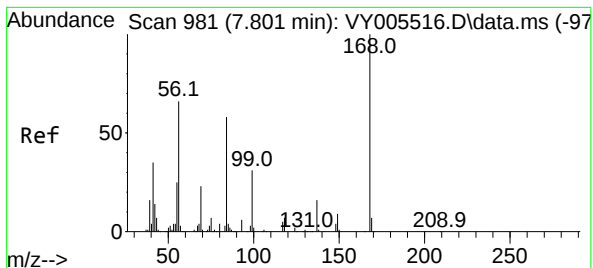
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080521\
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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

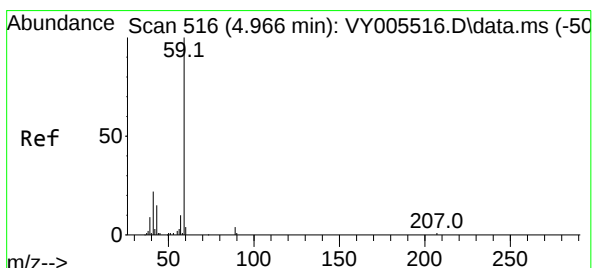
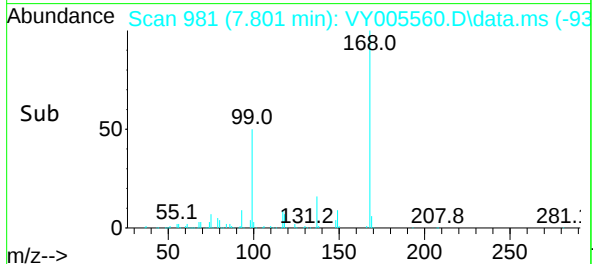
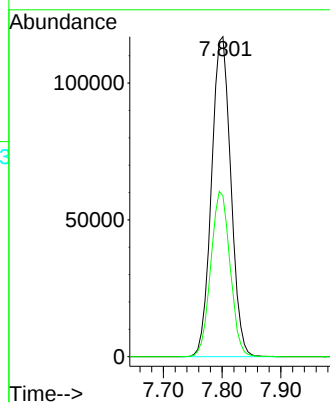
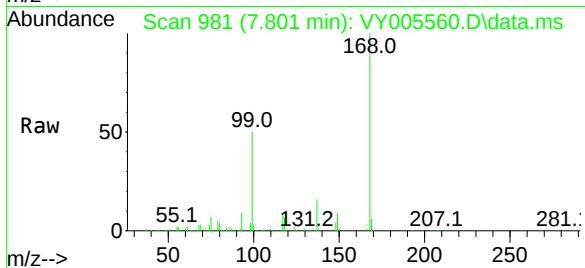
Lab File: VY005560.D

Acq: 05 Aug 2021 17:21

Tgt Ion:168 Resp: 267009

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
168	100		
99	50.3	38.9	58.3



#11

Tert butyl alcohol

Concen: 1.508 ug/l

RT: 4.936 min Scan# 511

Delta R.T. -0.030 min

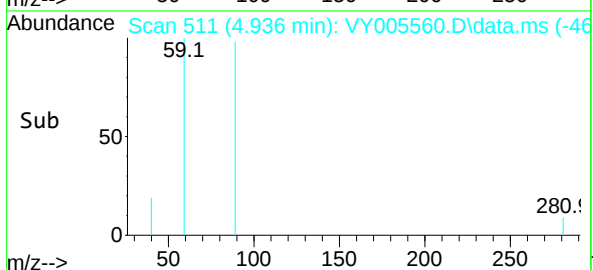
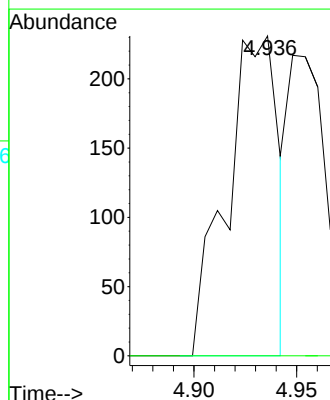
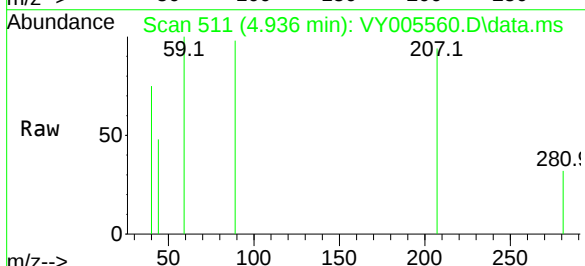
Lab File: VY005560.D

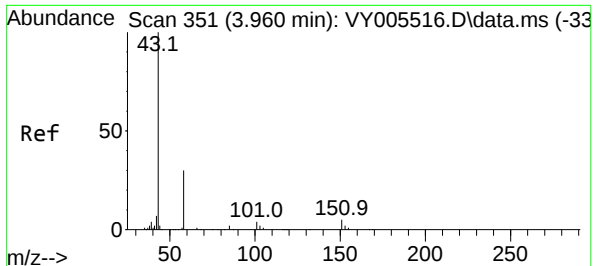
Acq: 05 Aug 2021 17:21

Tgt Ion: 59 Resp: 403

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.0	12.0

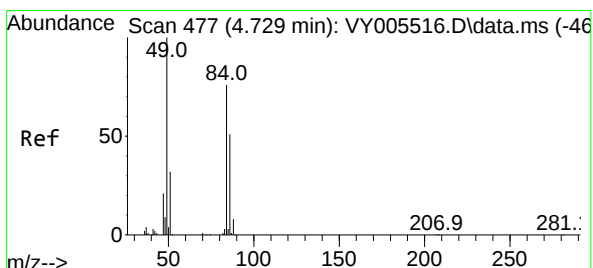
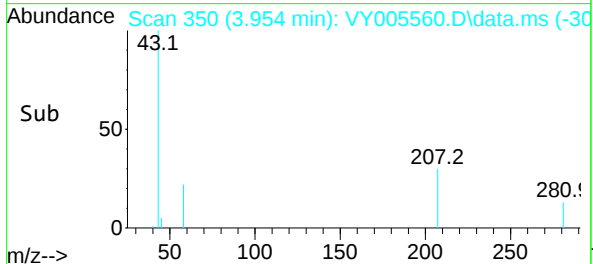
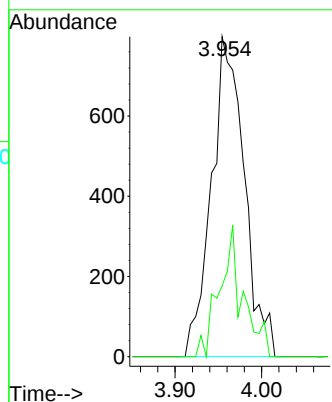
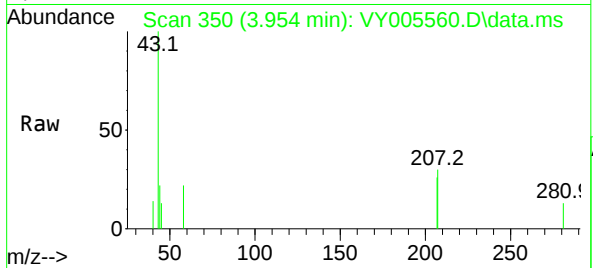




#16
Acetone
Concen: 3.083 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005560.D
Acq: 05 Aug 2021 17:21

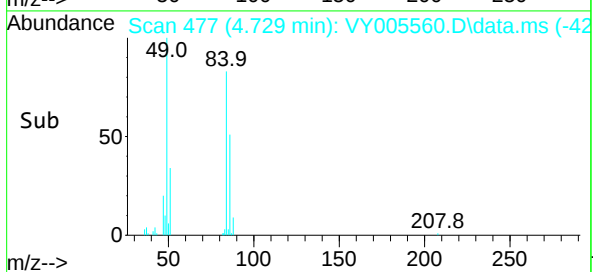
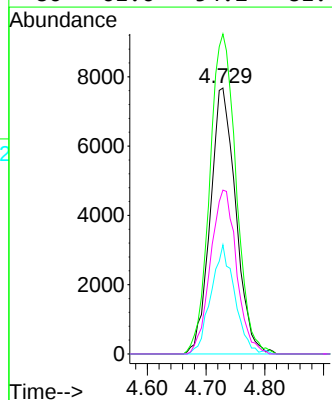
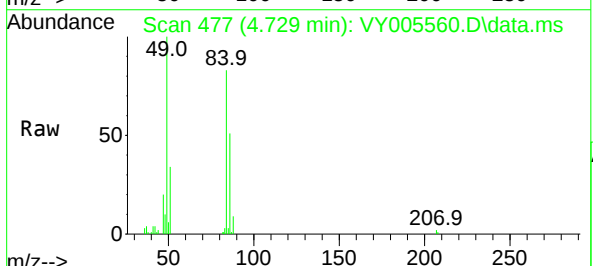
Instrument :
MSVOA_Y
ClientSampleId :

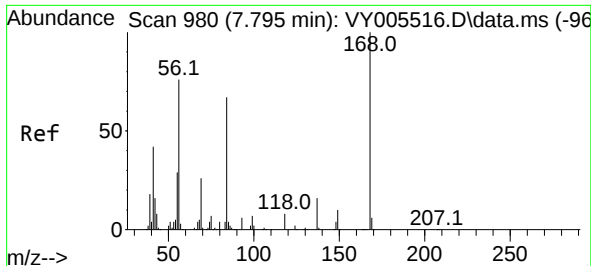
Tgt Ion: 43 Resp: 2101
Ion Ratio Lower Upper
43 100
58 22.2 23.8 35.6#



#20
Methylene Chloride
Concen: 2.837 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005560.D
Acq: 05 Aug 2021 17:21

Tgt Ion: 84 Resp: 23115
Ion Ratio Lower Upper
84 100
49 120.4 105.8 158.6
51 41.0 33.4 50.2
86 61.6 54.2 81.4

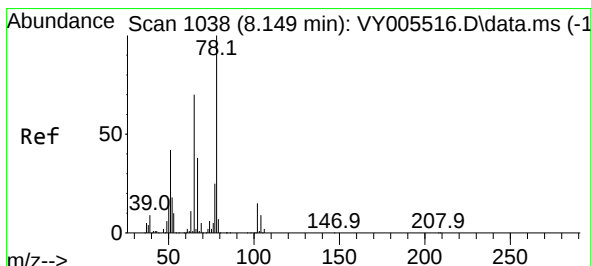
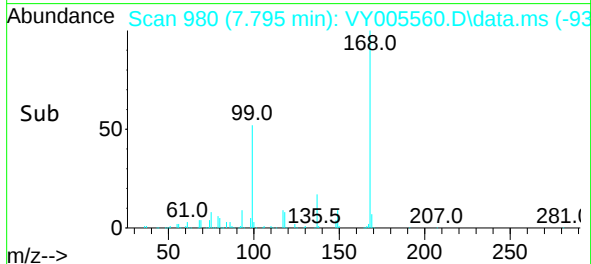
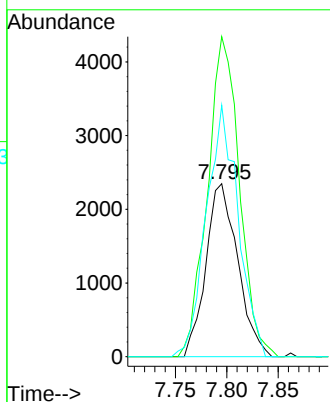
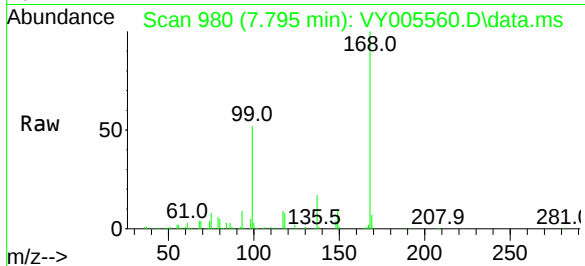




#31
Cyclohexane
Concen: 1.090 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005560.D
Acq: 05 Aug 2021 17:21

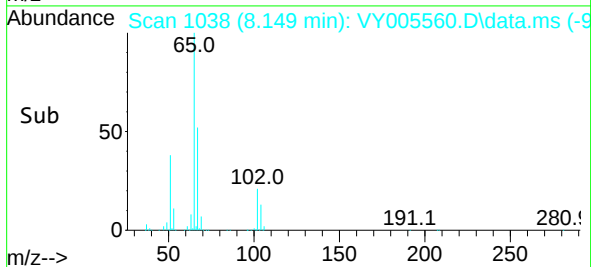
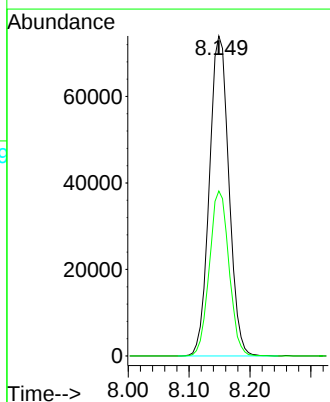
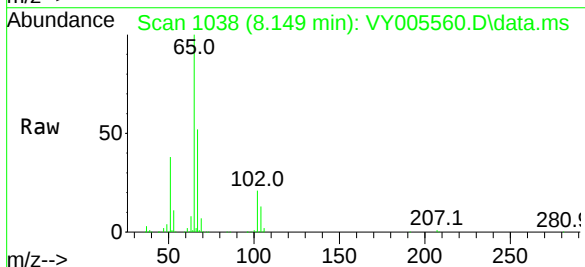
Instrument :
MSVOA_Y
ClientSampled :

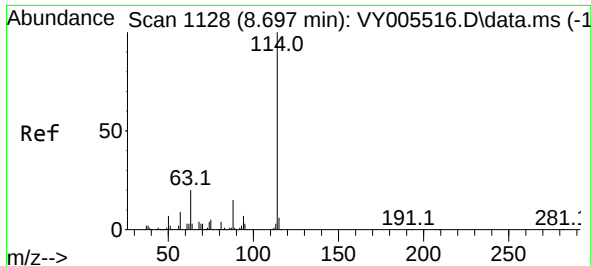
Tgt Ion: 56 Resp: 5054
Ion Ratio Lower Upper
56 100
69 185.0 27.7 41.5#
84 145.3 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 60.932 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005560.D
Acq: 05 Aug 2021 17:21

Tgt Ion: 65 Resp: 164687
Ion Ratio Lower Upper
65 100
67 51.7 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: VY005560.D

Acq: 05 Aug 2021 17:21

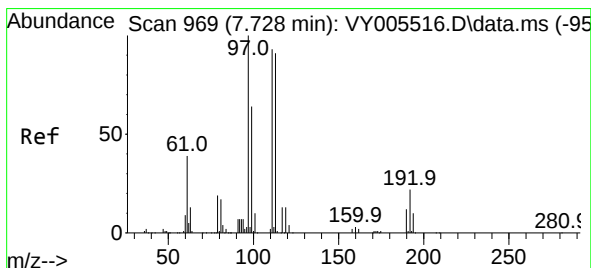
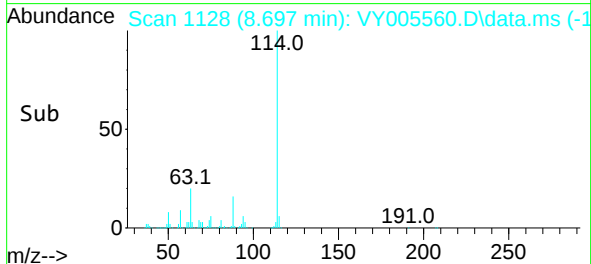
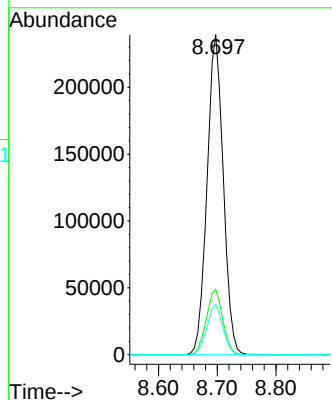
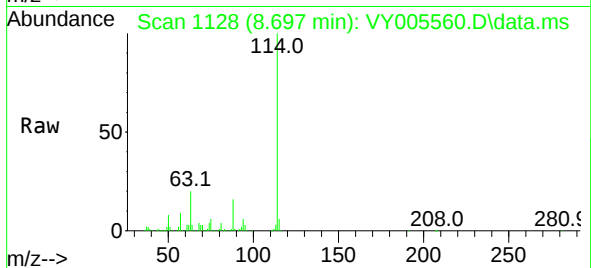
Tgt Ion:114 Resp: 457694

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.2

88 15.8 0.0 30.8



#35

Dibromofluoromethane

Concen: 53.984 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY005560.D

Acq: 05 Aug 2021 17:21

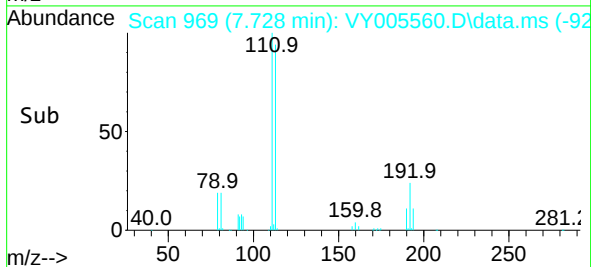
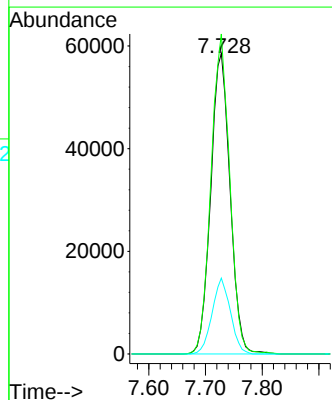
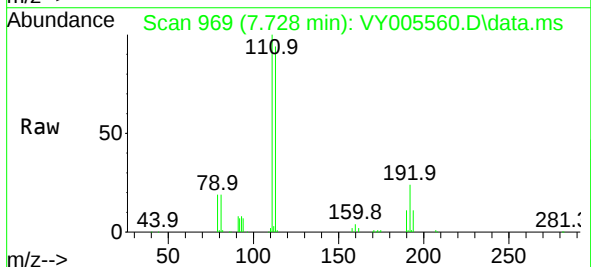
Tgt Ion:113 Resp: 138334

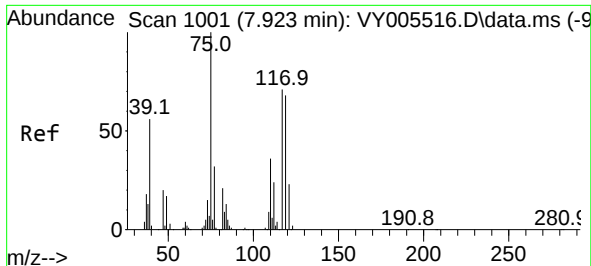
Ion Ratio Lower Upper

113 100

111 103.4 81.9 122.9

192 23.9 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.387 ug/l

RT: 7.795 min Scan# 980

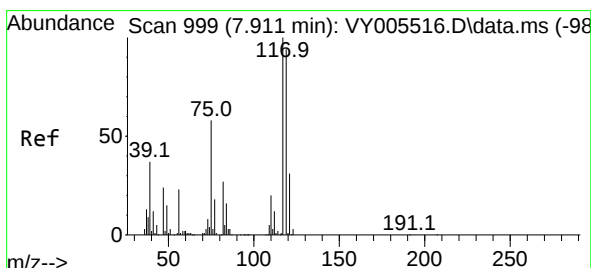
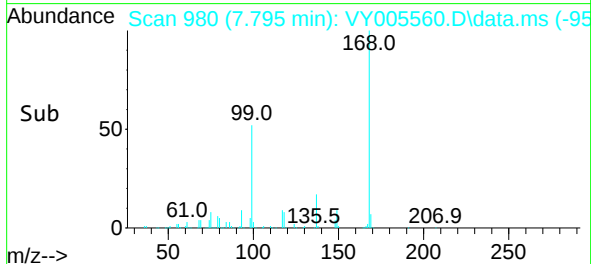
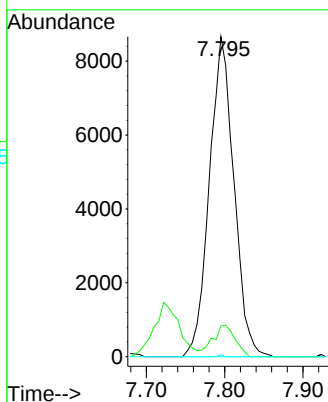
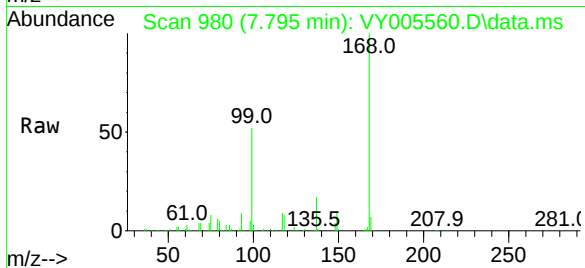
Delta R.T. -0.128 min

Lab File: VY005560.D

Acq: 05 Aug 2021 17:21

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	75	Resp:	18834
Ion Ratio	Lower	Upper	
75	100		
110	9.1	18.1	54.1#
77	0.1	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.145 ug/l

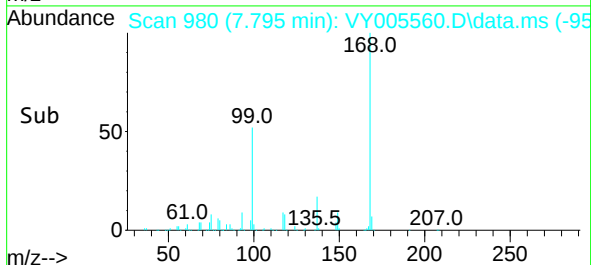
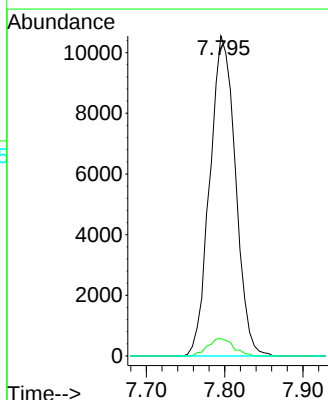
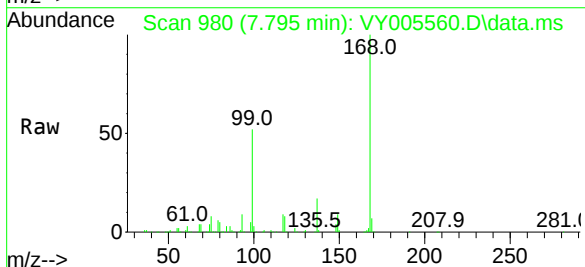
RT: 7.795 min Scan# 980

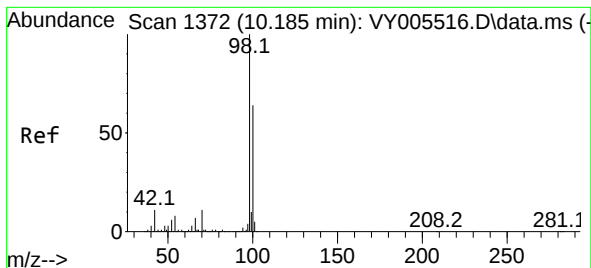
Delta R.T. -0.116 min

Lab File: VY005560.D

Acq: 05 Aug 2021 17:21

Tgt Ion:	117	Resp:	24006
Ion Ratio	Lower	Upper	
117	100		
119	5.4	75.4	113.0#
121	0.0	25.1	37.7#

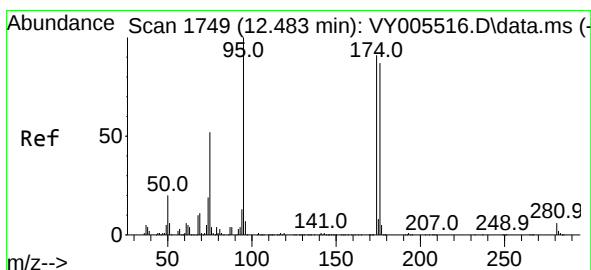
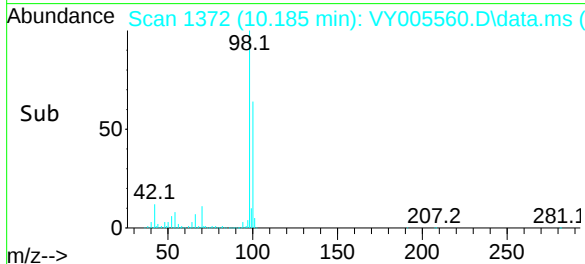
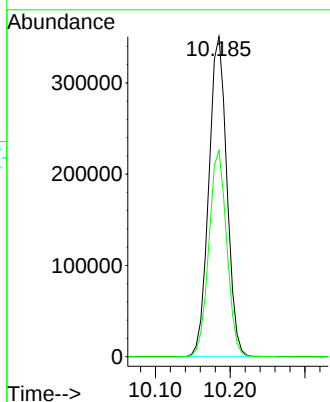
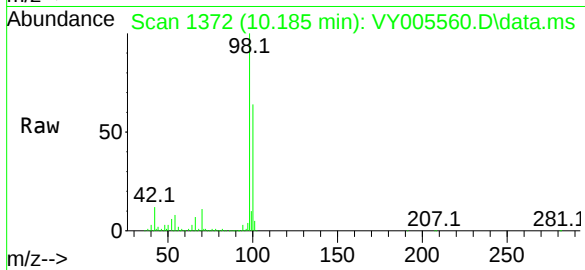




#50
Toluene-d8
Concen: 54.833 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005560.D
Acq: 05 Aug 2021 17:21

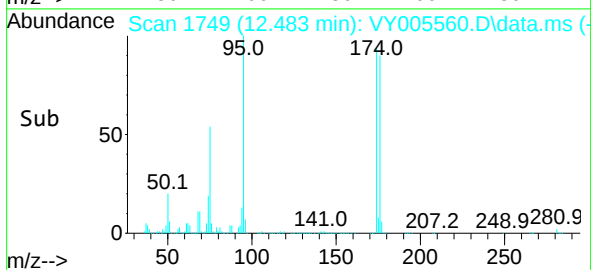
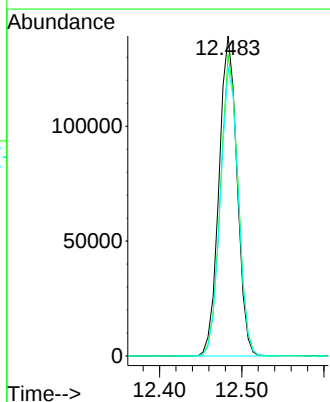
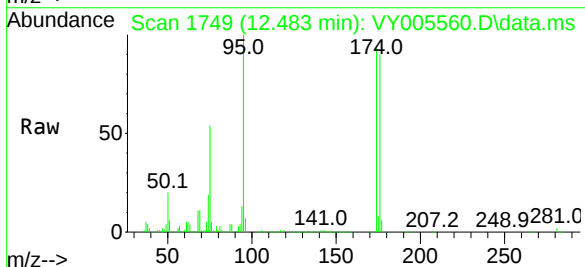
Instrument :
MSVOA_Y
ClientSampleId :

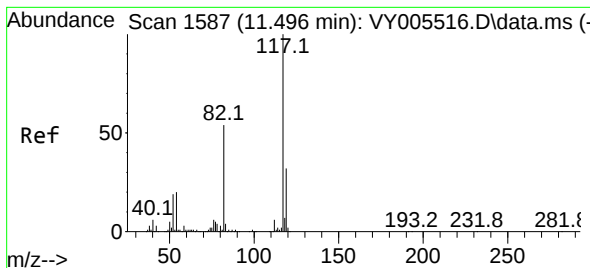
Tgt Ion: 98 Resp: 589291
Ion Ratio Lower Upper
98 100
100 63.8 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 59.735 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005560.D
Acq: 05 Aug 2021 17:21

Tgt Ion: 95 Resp: 212588
Ion Ratio Lower Upper
95 100
174 92.5 0.0 191.4
176 89.2 0.0 183.6

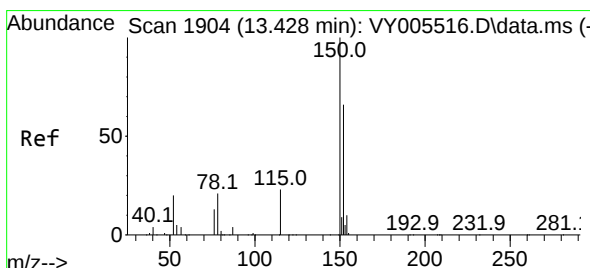
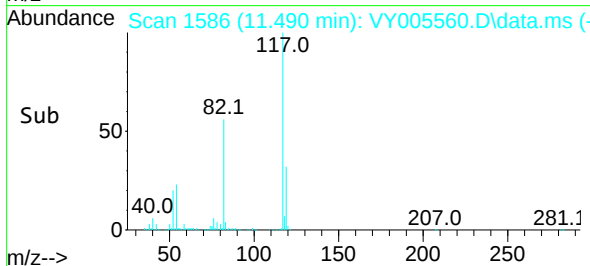
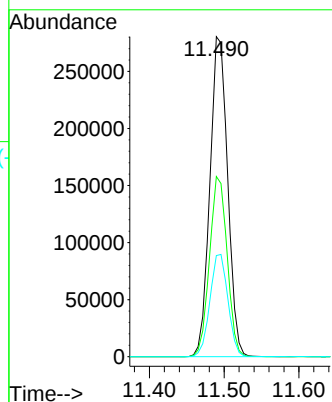
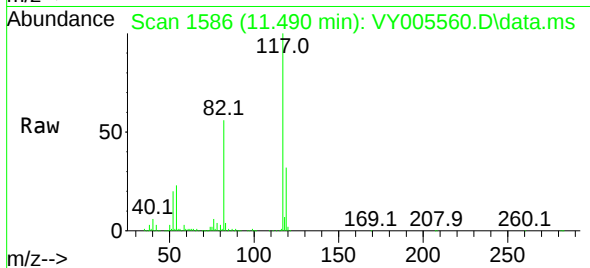




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005560.D
Acq: 05 Aug 2021 17:21

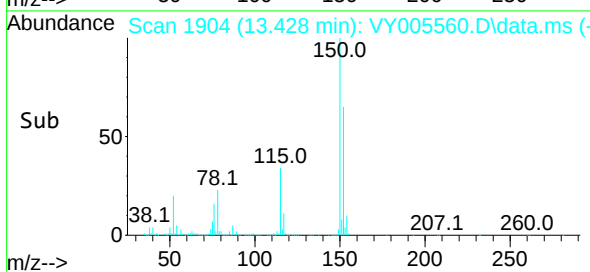
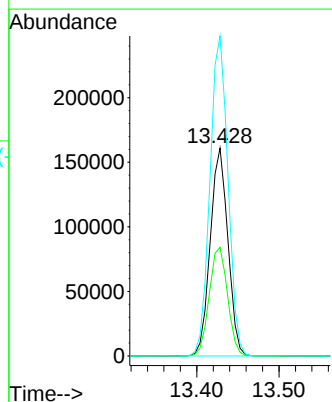
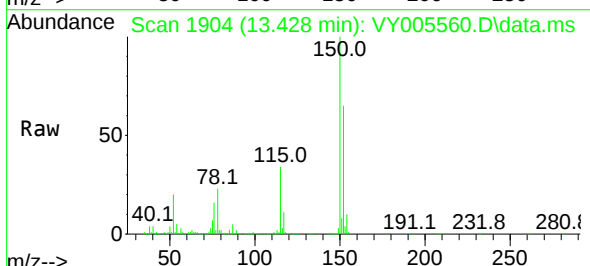
Instrument :
MSVOA_Y
ClientSampleId :

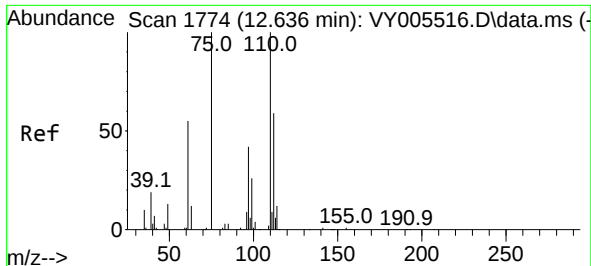
Tgt Ion:117 Resp: 462651
Ion Ratio Lower Upper
117 100
82 56.3 43.5 65.3
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005560.D
Acq: 05 Aug 2021 17:21

Tgt Ion:152 Resp: 240091
Ion Ratio Lower Upper
152 100
115 54.2 27.3 81.9
150 156.6 0.0 350.2

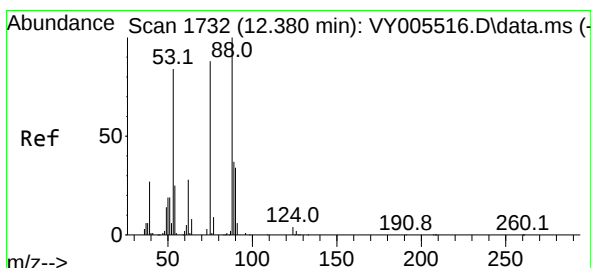
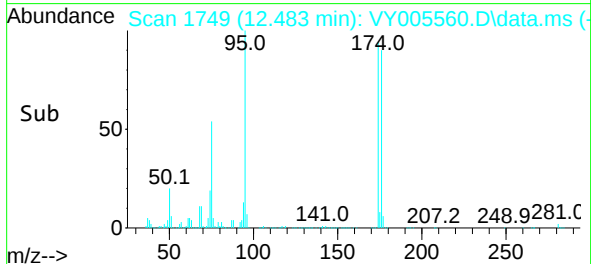
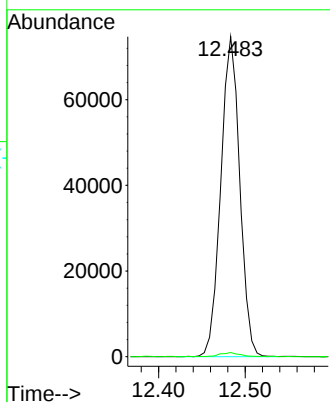
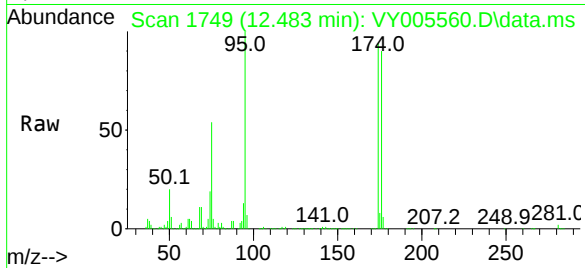




#76
1,2,3-Trichloropropane
Concen: 45.688 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005560.D
Acq: 05 Aug 2021 17:21

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 113673
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.101 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005560.D
Acq: 05 Aug 2021 17:21

Tgt Ion: 75 Resp: 113673
Ion Ratio Lower Upper
75 100
53 0.1 76.7 115.1#
89 0.1 38.4 57.6#

