

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061121\
 Data File : VY005136.D
 Acq On : 11 Jun 2021 19:45
 Operator : SY/MD
 Sample : M2687-08
 Misc : 8.28G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP-01

Quant Time: Jun 12 00:38:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

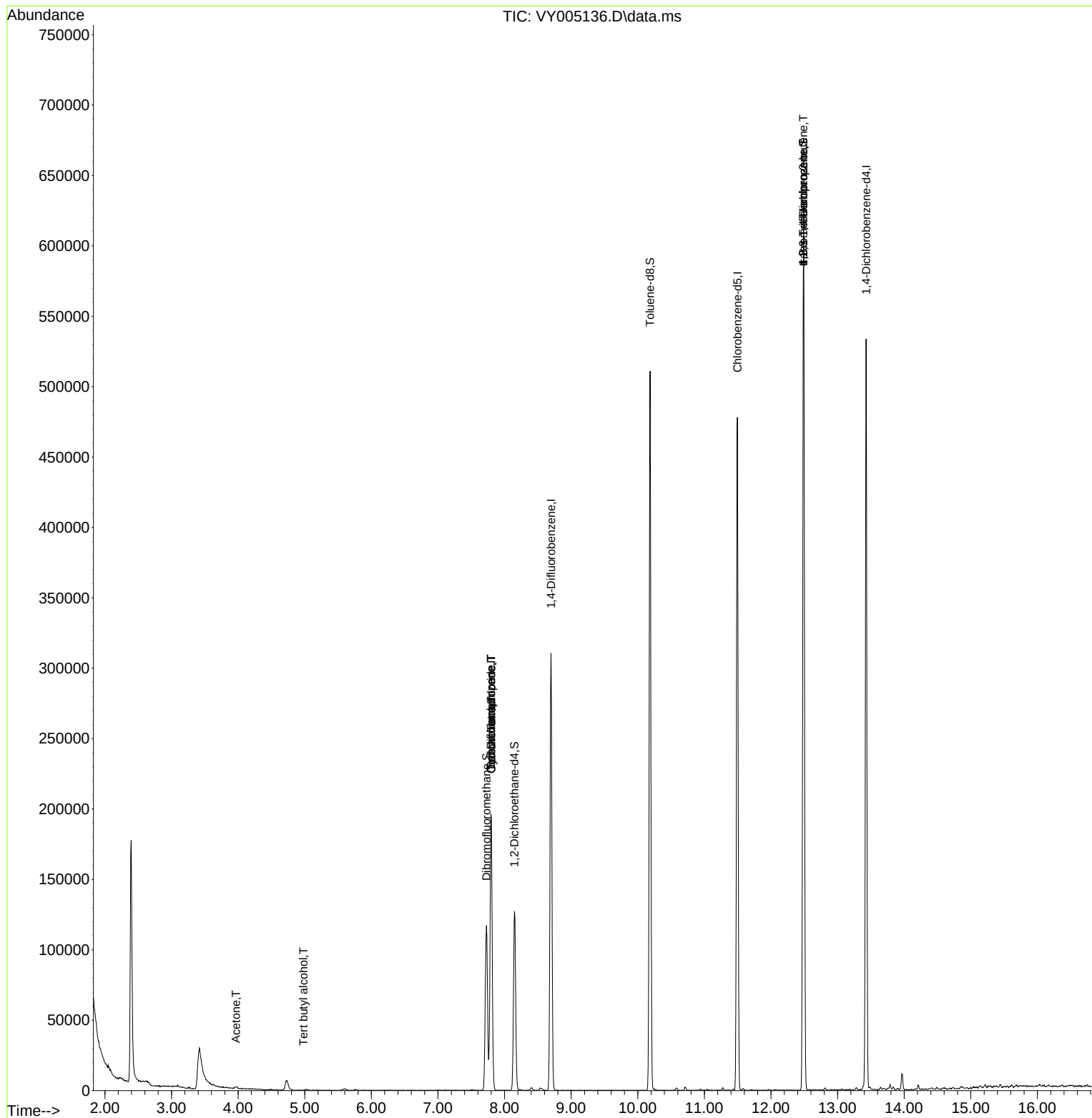
Internal Standards						
1) Pentafluorobenzene	7.795	168	151732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	267939	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	268375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132293	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	103652	64.62	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.24%	
35) Dibromofluoromethane	7.728	113	83349	57.82	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.64%	
50) Toluene-d8	10.185	98	328590	54.88	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.76%	
62) 4-Bromofluorobenzene	12.483	95	117068	56.86	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.72%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.979	59	460	2.49	ug/l #	74
16) Acetone	3.967	43	2753	7.13	ug/l	91
20) Methylene Chloride	4.729	84	5240	Below Cal	#	84
31) Cyclohexane	7.801	56	3167	1.12	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	11132	4.25	ug/l #	50
38) Carbon Tetrachloride	7.801	117	15214	6.67	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	66232	45.67	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	66232	83.93	ug/l #	16

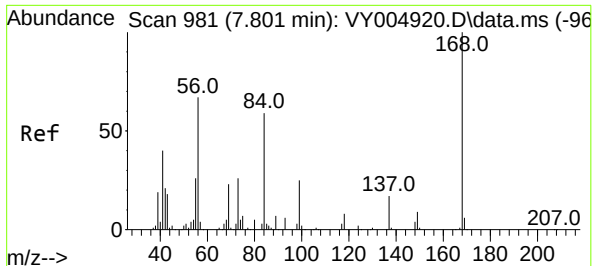
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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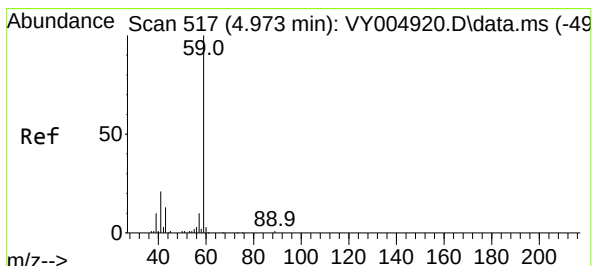
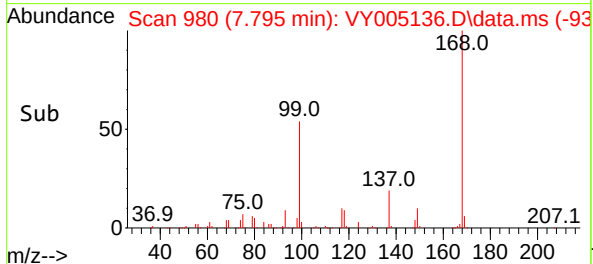
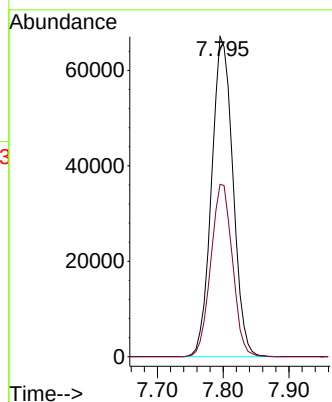
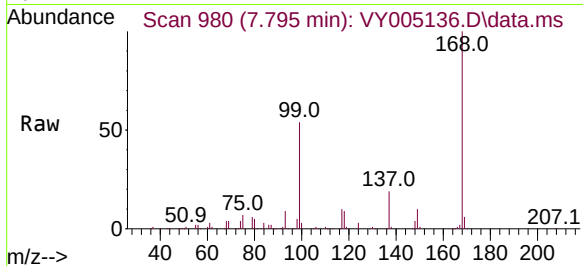




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005136.D
Acq: 11 Jun 2021 19:45

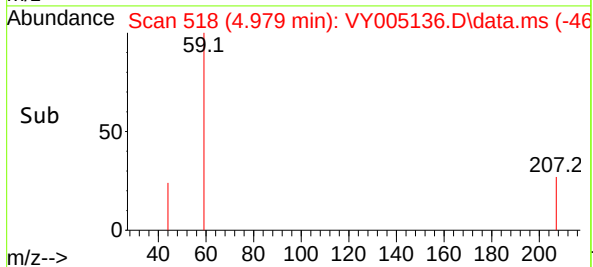
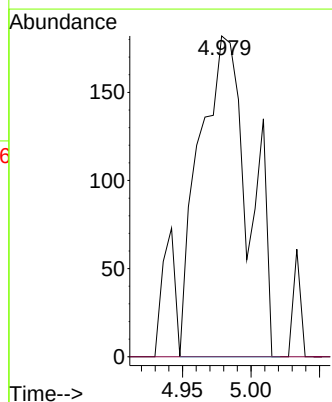
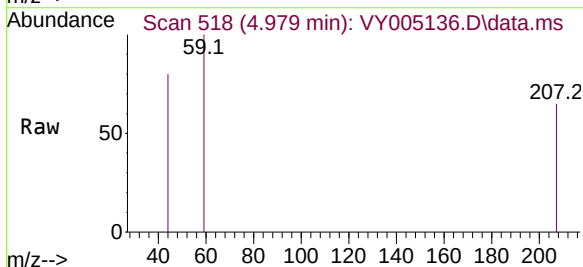
Instrument :
MSVOA_Y
ClientSampleId :
DUP-01

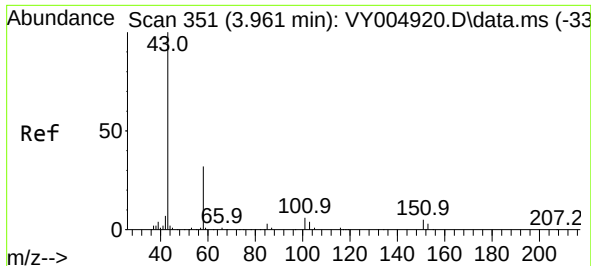
Tgt Ion:168 Resp: 151732
Ion Ratio Lower Upper
168 100
99 53.8 43.9 65.9



#11
Tert butyl alcohol
Concen: 2.49 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY005136.D
Acq: 11 Jun 2021 19:45

Tgt Ion: 59 Resp: 460
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

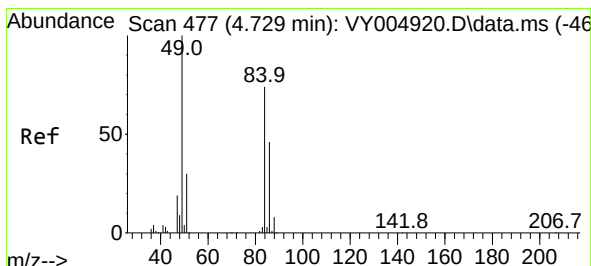
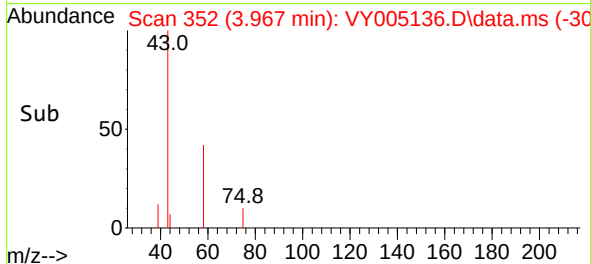
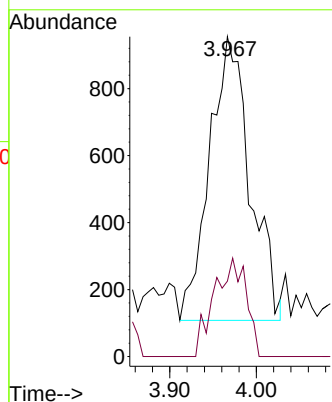
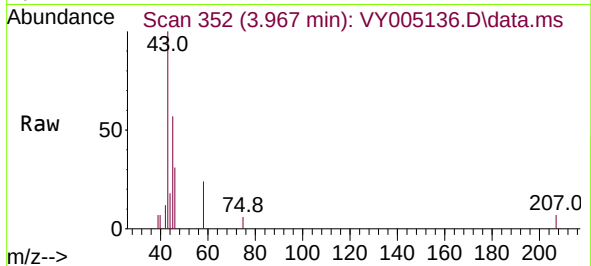




#16
Acetone
Concen: 7.13 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005136.D
Acq: 11 Jun 2021 19:45

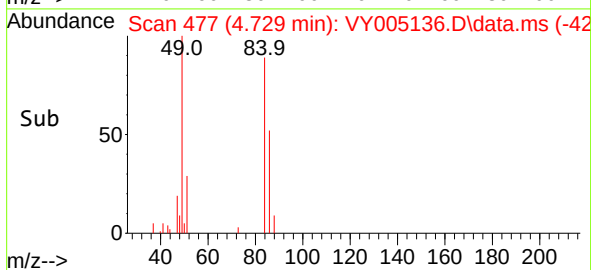
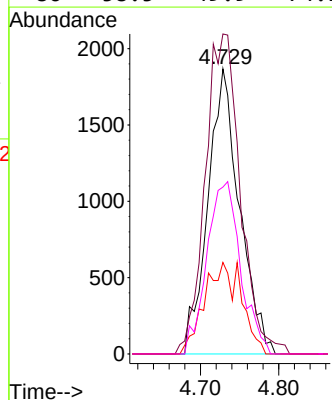
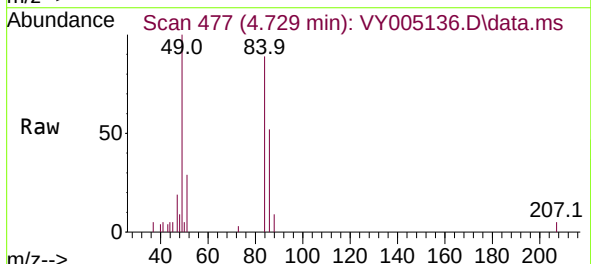
Instrument :
MSVOA_Y
ClientSampled :
DUP-01

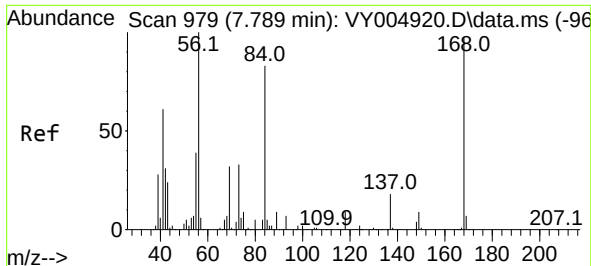
Tgt Ion: 43 Resp: 2753
Ion Ratio Lower Upper
43 100
58 26.6 25.3 37.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005136.D
Acq: 11 Jun 2021 19:45

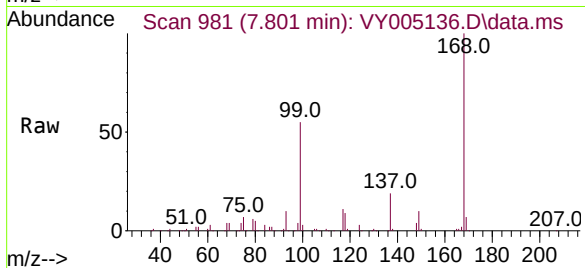
Tgt Ion: 84 Resp: 5240
Ion Ratio Lower Upper
84 100
49 108.9 108.0 162.0
51 32.1 32.6 48.8#
86 58.5 49.9 74.9



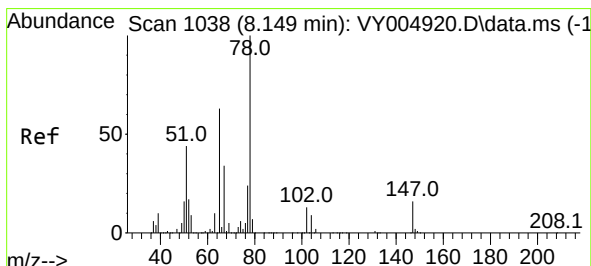
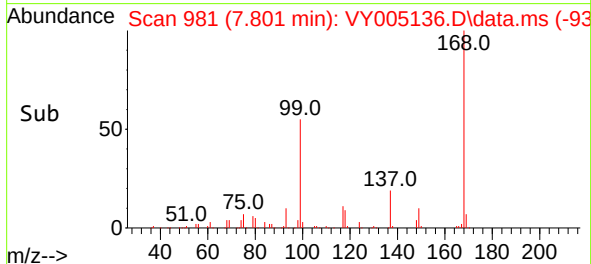
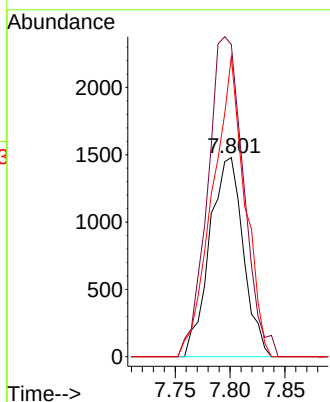


#31
Cyclohexane
Concen: 1.12 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY005136.D
Acq: 11 Jun 2021 19:45

Instrument :
MSVOA_Y
ClientSampled :
DUP-01

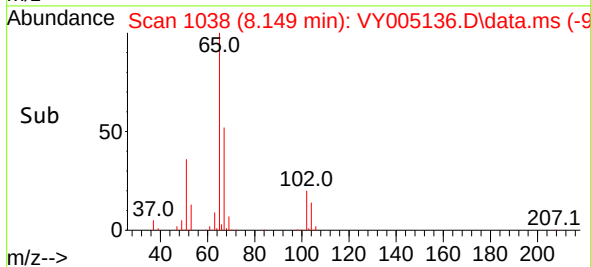
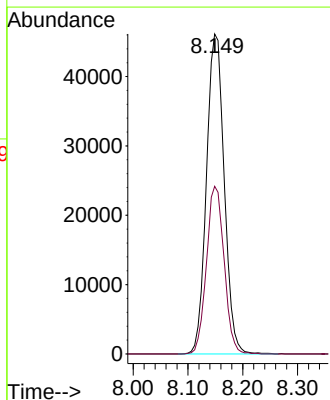
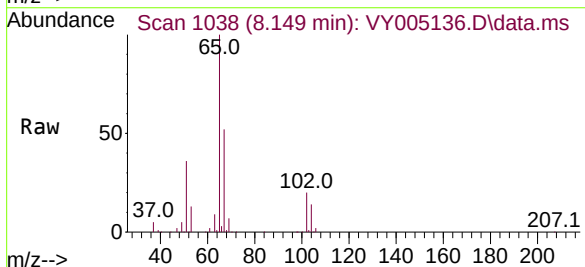


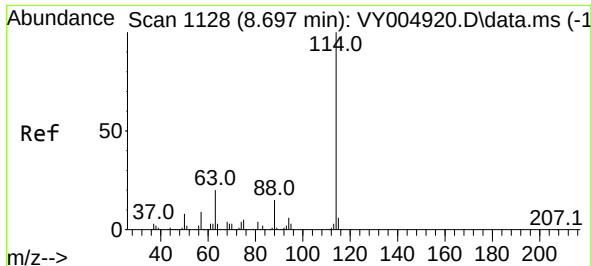
Tgt Ion	Ratio	Lower	Upper
56	100		
69	156.9	25.3	37.9#
84	150.6	66.2	99.4#



#33
1,2-Dichloroethane-d4
Concen: 64.62 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005136.D
Acq: 11 Jun 2021 19:45

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	110.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY005136.D

Acq: 11 Jun 2021 19:45

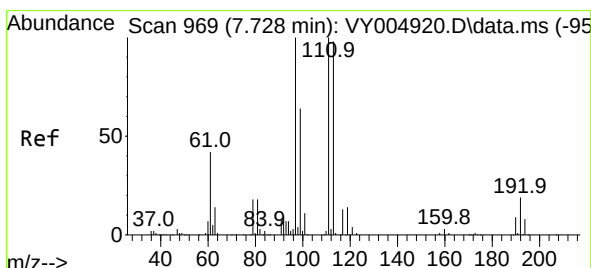
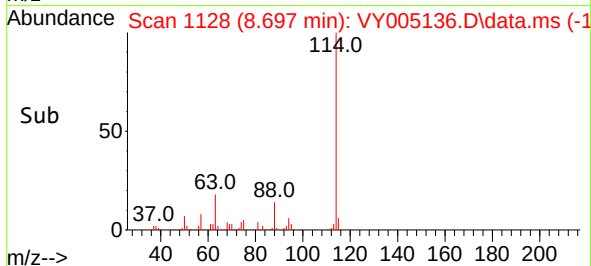
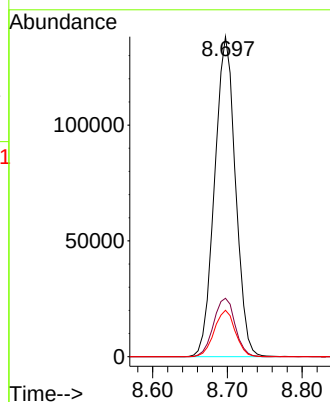
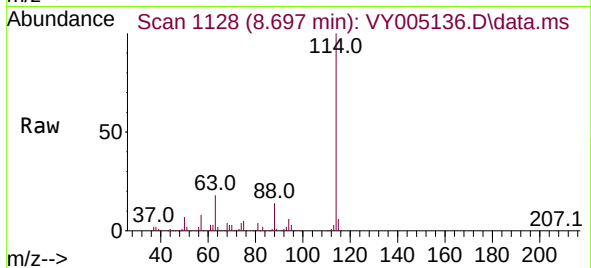
Tgt Ion:114 Resp: 267939

Ion Ratio Lower Upper

114 100

63 18.2 0.0 41.0

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 57.82 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY005136.D

Acq: 11 Jun 2021 19:45

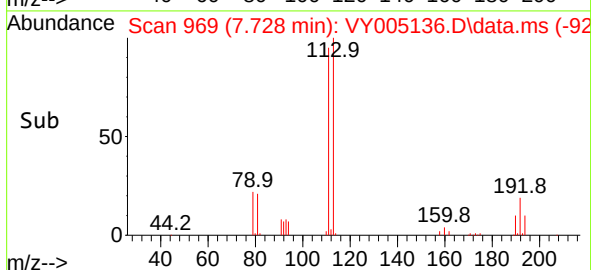
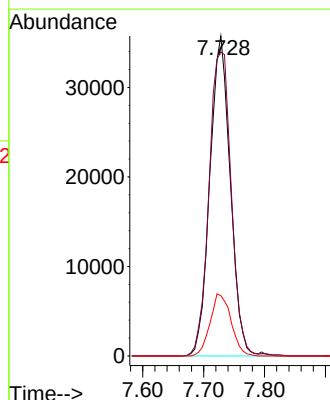
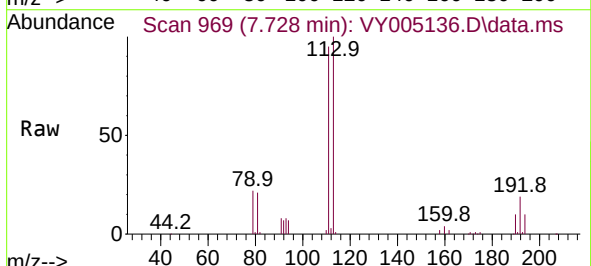
Tgt Ion:113 Resp: 83349

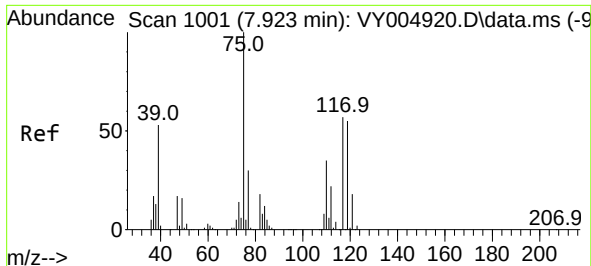
Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.8

192 19.9 15.3 22.9





#36

1,1-Dichloropropene

Concen: 4.25 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005136.D

Acq: 11 Jun 2021 19:45

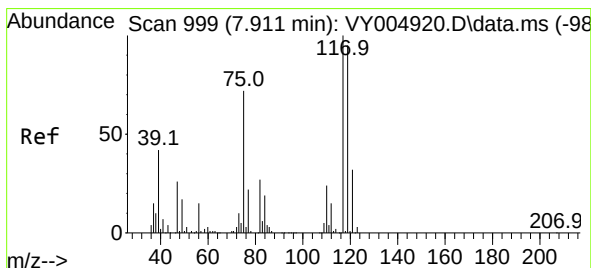
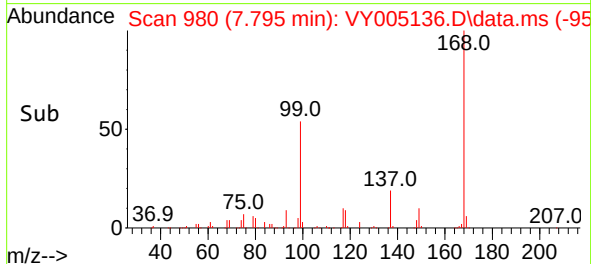
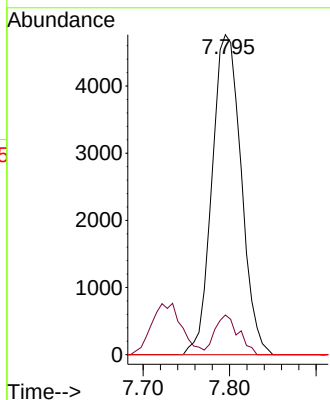
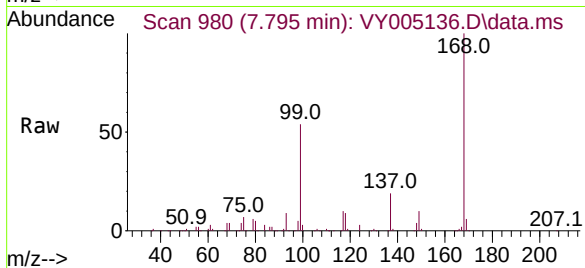
Instrument :

MSVOA_Y

ClientSampleId :

DUP-01

Tgt Ion:	75	Resp:	11132
Ion Ratio	Lower	Upper	
75	100		
110	10.0	17.5	52.5#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 6.67 ug/l

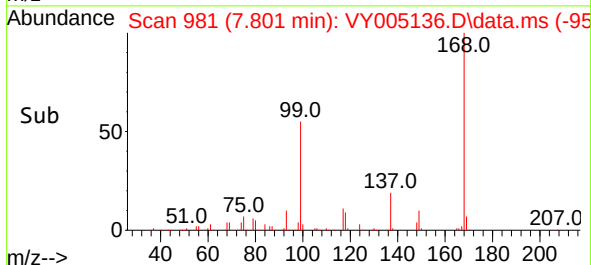
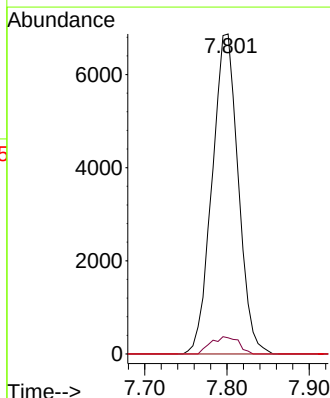
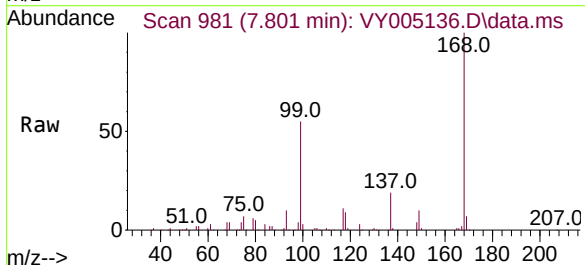
RT: 7.801 min Scan# 981

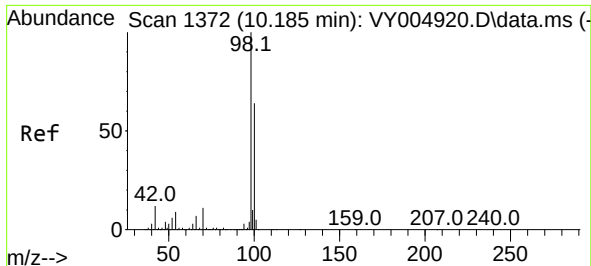
Delta R.T. -0.110 min

Lab File: VY005136.D

Acq: 11 Jun 2021 19:45

Tgt Ion:	117	Resp:	15214
Ion Ratio	Lower	Upper	
117	100		
119	5.1	76.1	114.1#
121	0.0	25.5	38.3#

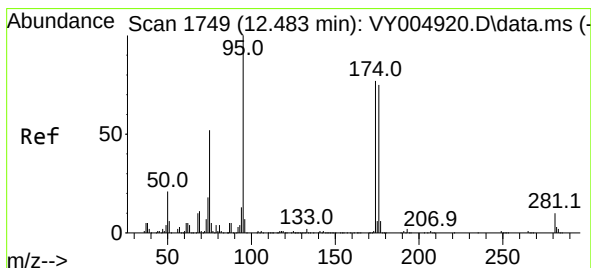
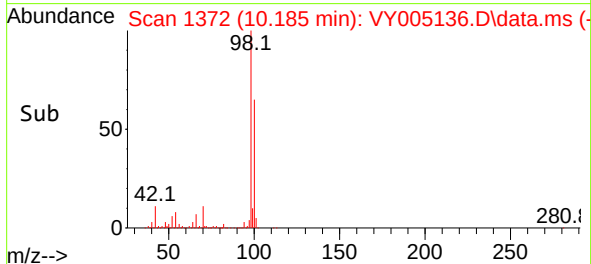
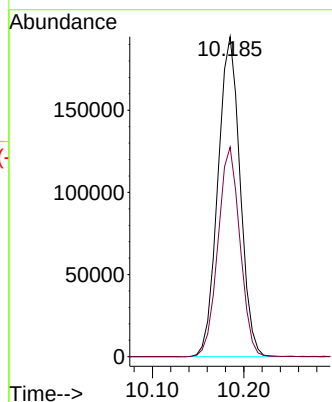
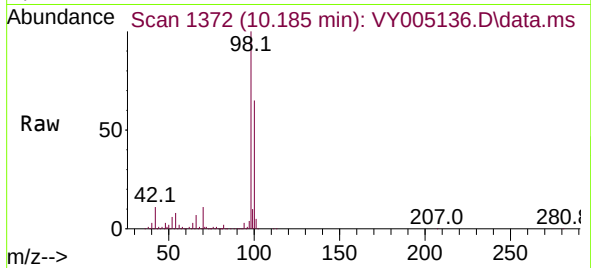




#50
Toluene-d8
Concen: 54.88 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005136.D
Acq: 11 Jun 2021 19:45

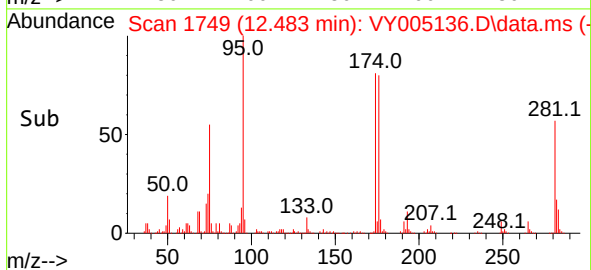
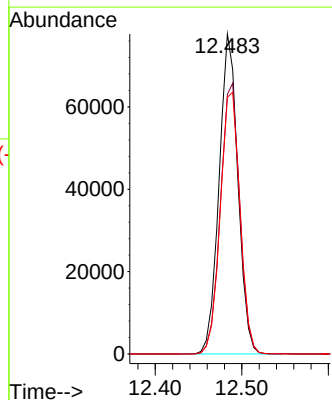
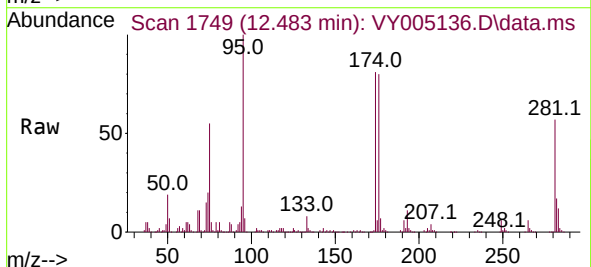
Instrument :
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ClientSampleId :
DUP-01

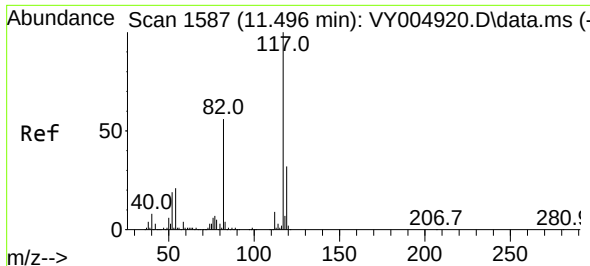
Tgt Ion: 98 Resp: 328590
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 56.86 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005136.D
Acq: 11 Jun 2021 19:45

Tgt Ion: 95 Resp: 117068
Ion Ratio Lower Upper
95 100
174 87.0 0.0 160.8
176 85.9 0.0 155.6

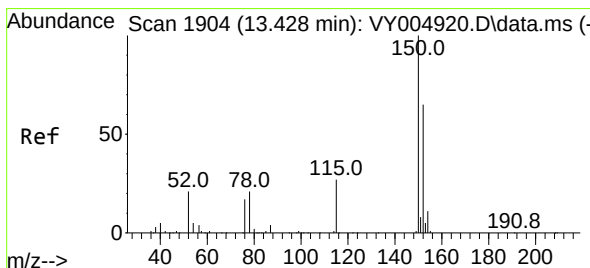
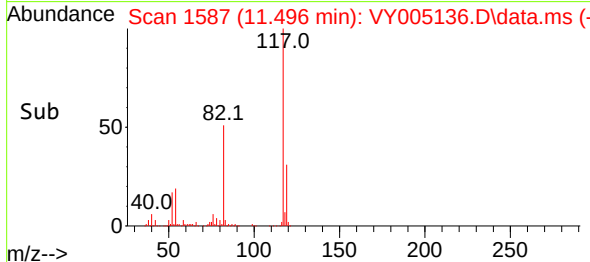
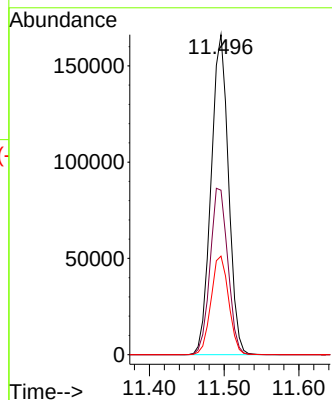
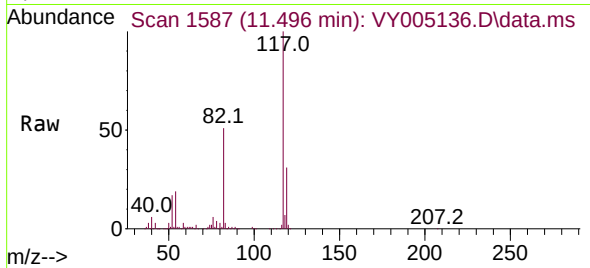




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005136.D
Acq: 11 Jun 2021 19:45

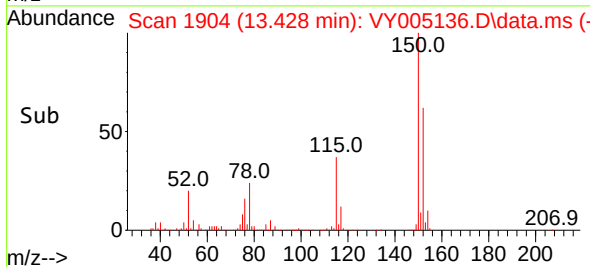
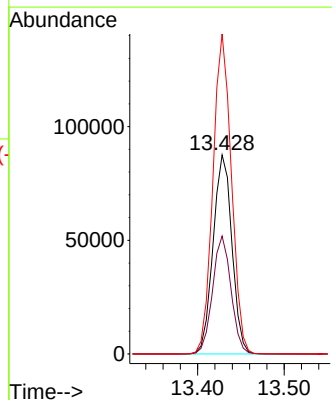
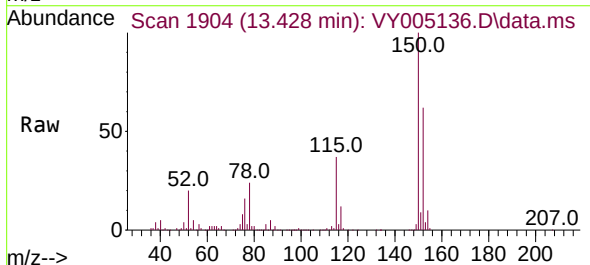
Instrument :
MSVOA_Y
ClientSampleId :
DUP-01

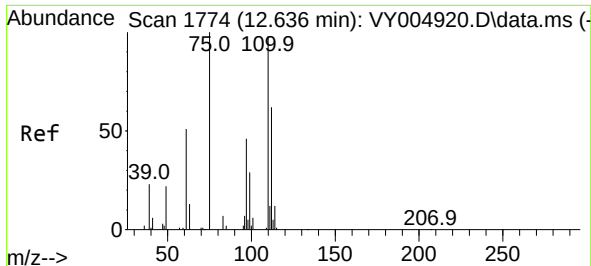
Tgt Ion:117 Resp: 268375
Ion Ratio Lower Upper
117 100
82 51.4 44.8 67.2
119 30.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005136.D
Acq: 11 Jun 2021 19:45

Tgt Ion:152 Resp: 132293
Ion Ratio Lower Upper
152 100
115 58.0 29.9 89.7
150 157.6 0.0 347.8

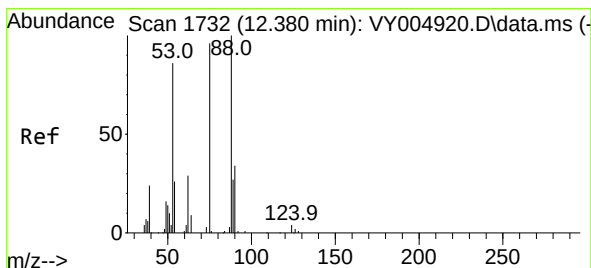
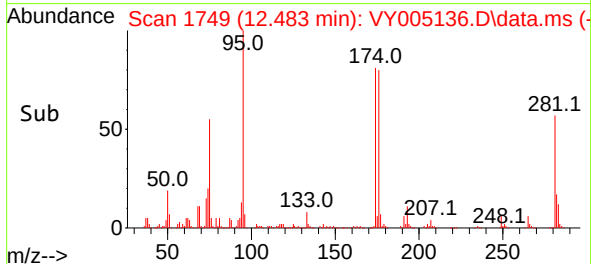
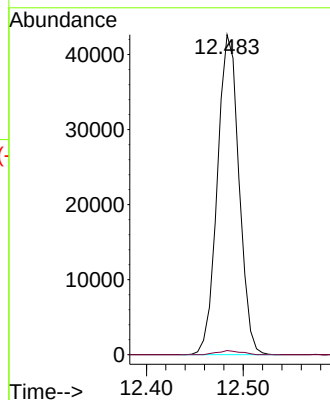
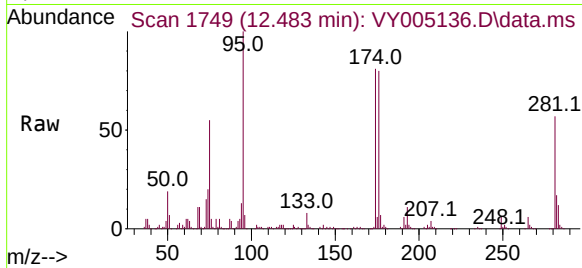




#76
1,2,3-Trichloropropane
Concen: 45.67 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005136.D
Acq: 11 Jun 2021 19:45

Instrument :
MSVOA_Y
ClientSampled :
DUP-01

Tgt Ion: 75 Resp: 66232
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.93 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005136.D
Acq: 11 Jun 2021 19:45

Tgt Ion: 75 Resp: 66232
Ion Ratio Lower Upper
75 100
53 0.1 69.3 103.9#
89 1.5 35.0 52.6#

