

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061721\
 Data File : VY005161.D
 Acq On : 17 Jun 2021 16:57
 Operator : SY/MD
 Sample : M2748-02
 Misc : 5.20G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 18 03:03:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 16 04:40:35 2021
 Response via : Initial Calibration

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

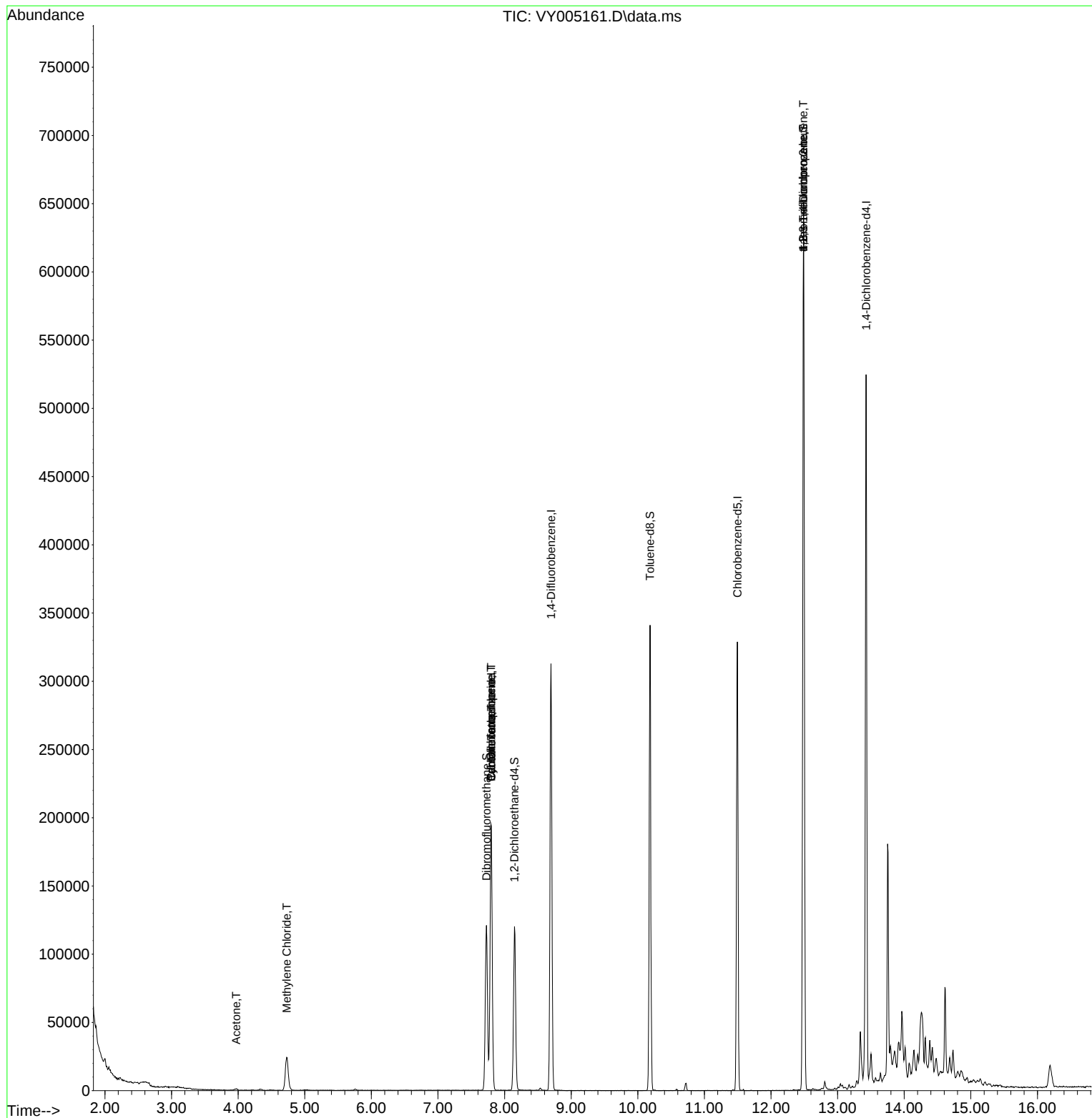
Internal Standards						
1) Pentafluorobenzene	7.801	168	150773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	270387	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	173471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	94049	64.514	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.020%	
35) Dibromofluoromethane	7.728	113	83601	72.097	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 144.200%	
50) Toluene-d8	10.185	98	210220	36.494	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 72.980%	
62) 4-Bromofluorobenzene	12.483	95	111467	57.536	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.080%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	192	Below Cal	#	74
16) Acetone	3.972	43	1845	6.222	ug/l #	81
20) Methylene Chloride	4.728	84	19752	6.143	ug/l	96
31) Cyclohexane	7.801	56	3105	1.252	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	11327	4.575	ug/l #	49
38) Carbon Tetrachloride	7.801	117	15254	5.803	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	62737	55.493	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	62737	103.525	ug/l #	12

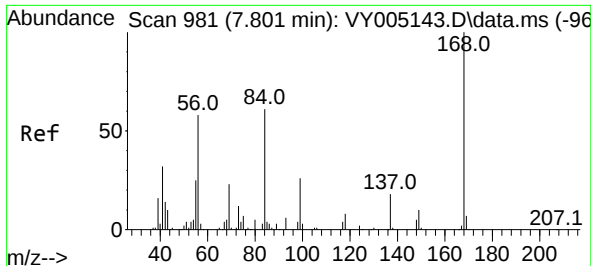
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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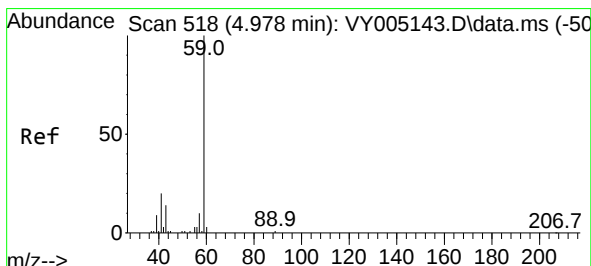
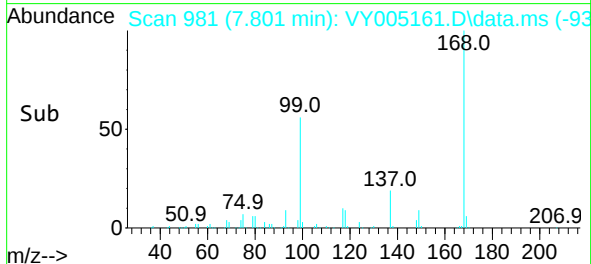
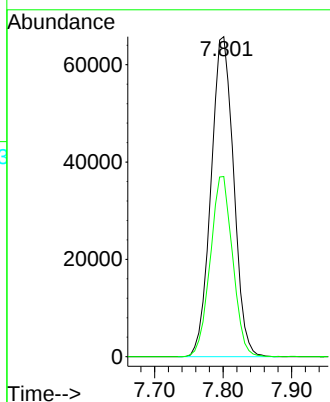
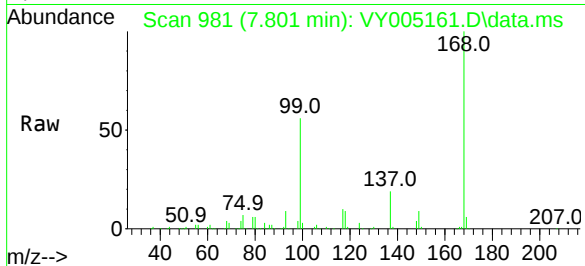




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005161.D
Acq: 17 Jun 2021 16:57

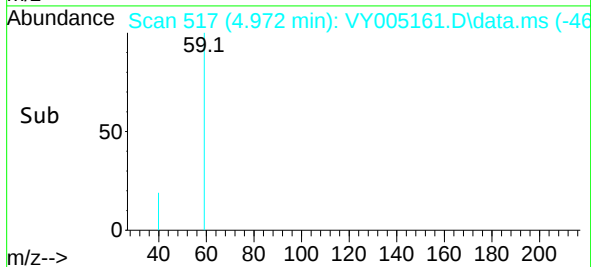
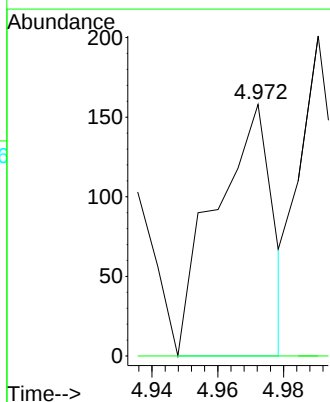
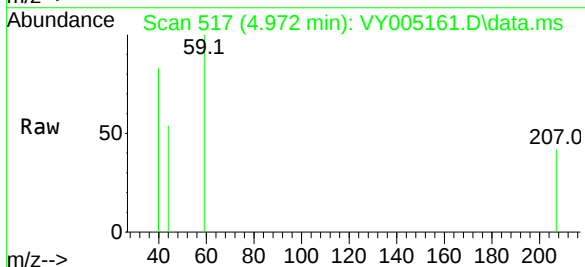
Instrument :
MSVOA_Y
ClientSampleId :

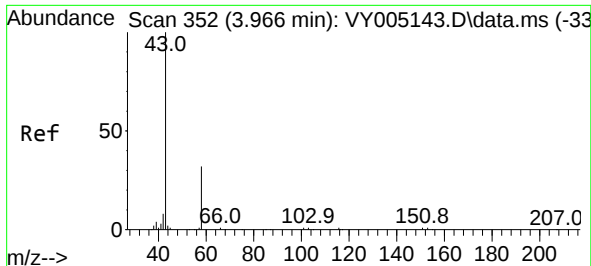
Tgt Ion:168 Resp: 150773
Ion Ratio Lower Upper
168 100
99 56.3 44.5 66.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY005161.D
Acq: 17 Jun 2021 16:57

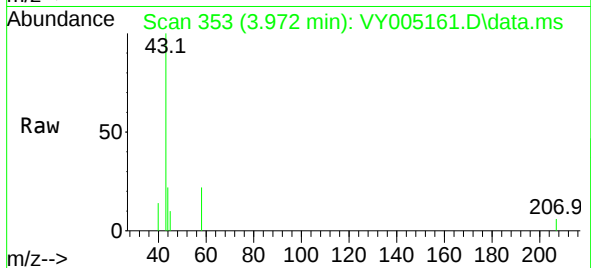
Tgt Ion: 59 Resp: 192
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



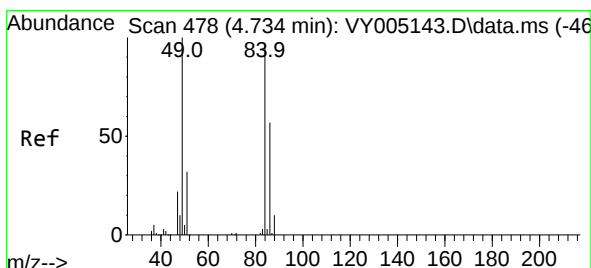
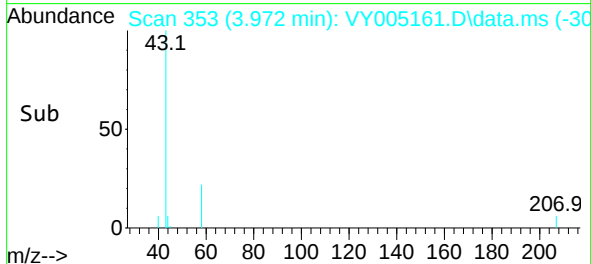
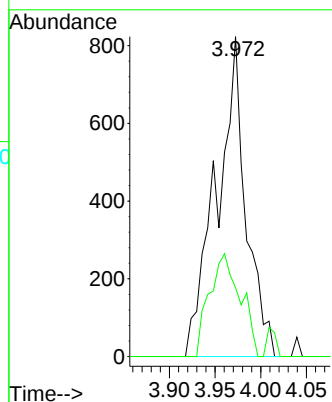


#16
Acetone
Concen: 6.222 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY005161.D
Acq: 17 Jun 2021 16:57

Instrument :
MSVOA_Y
ClientSampled :

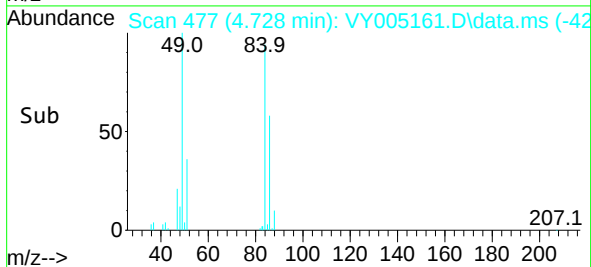
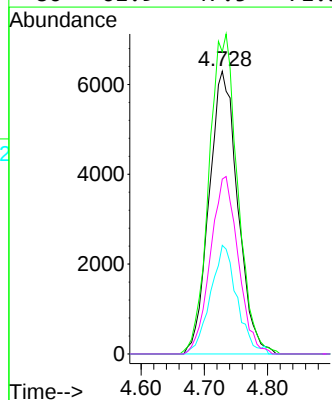
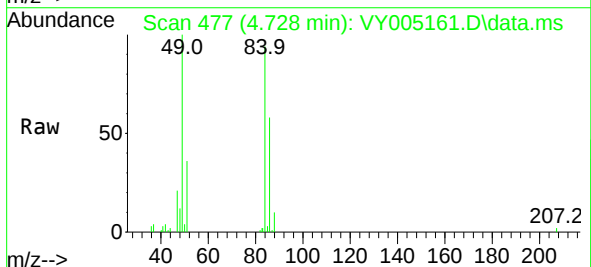


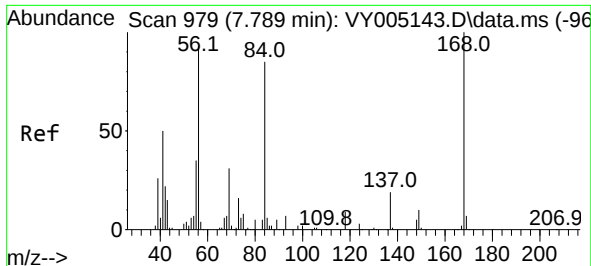
Tgt Ion: 43 Resp: 1845
Ion Ratio Lower Upper
43 100
58 21.5 25.6 38.4#



#20
Methylene Chloride
Concen: 6.143 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY005161.D
Acq: 17 Jun 2021 16:57

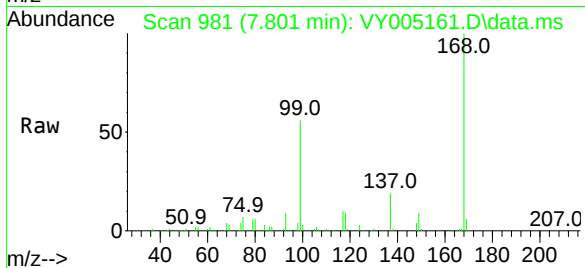
Tgt Ion: 84 Resp: 19752
Ion Ratio Lower Upper
84 100
49 106.9 83.4 125.2
51 38.4 26.8 40.2
86 61.9 47.5 71.3



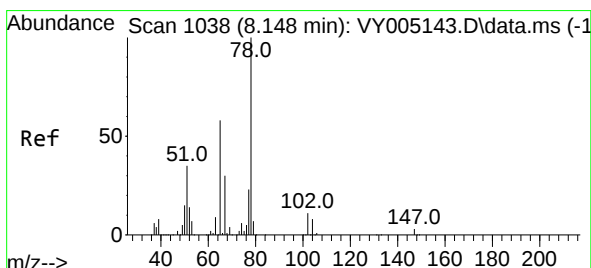
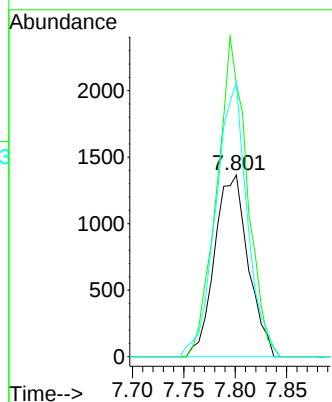
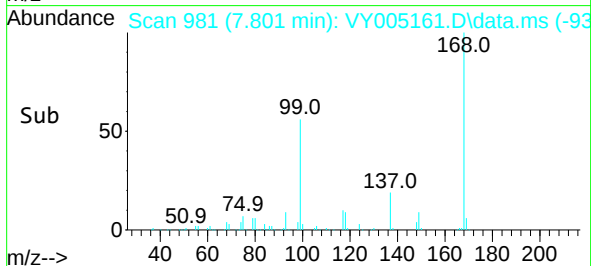


#31
Cyclohexane
Concen: 1.252 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY005161.D
Acq: 17 Jun 2021 16:57

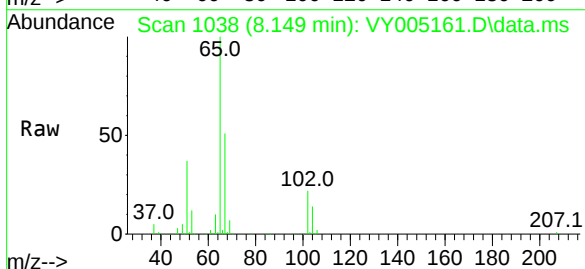
Instrument :
MSVOA_Y
ClientSampled :



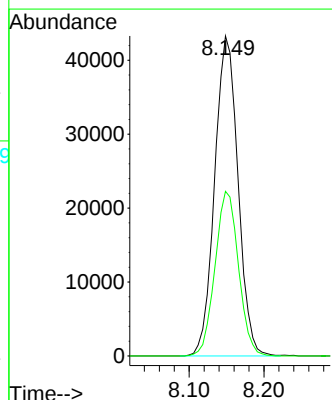
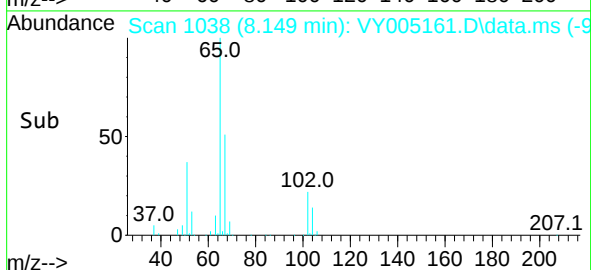
Tgt Ion: 56 Resp: 3105
Ion Ratio Lower Upper
56 100
69 150.2 26.3 39.5#
84 151.0 73.2 109.8#

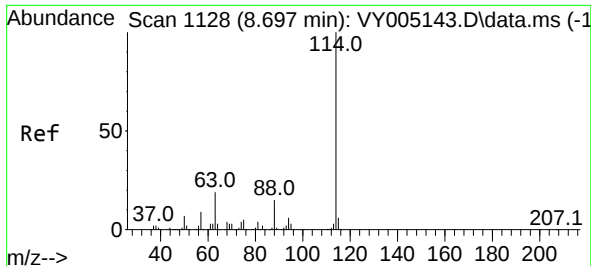


#33
1,2-Dichloroethane-d4
Concen: 64.514 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VY005161.D
Acq: 17 Jun 2021 16:57



Tgt Ion: 65 Resp: 94049
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2

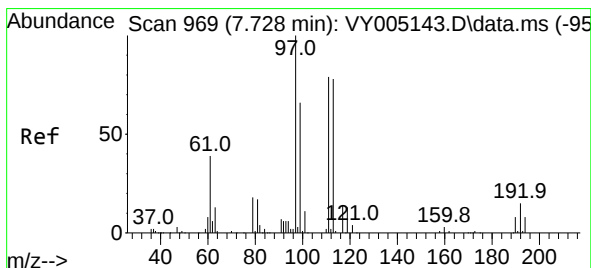
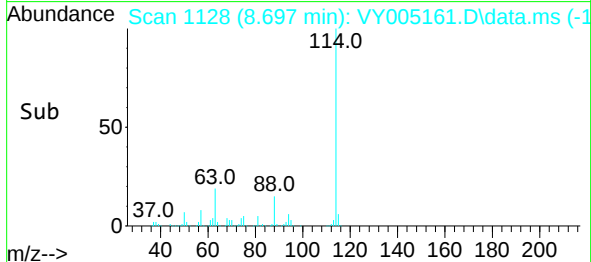
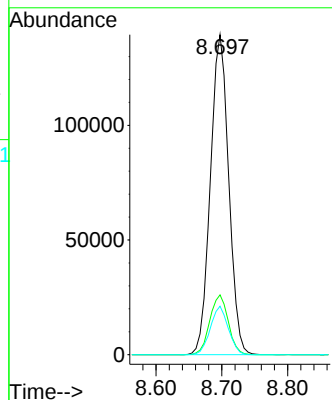
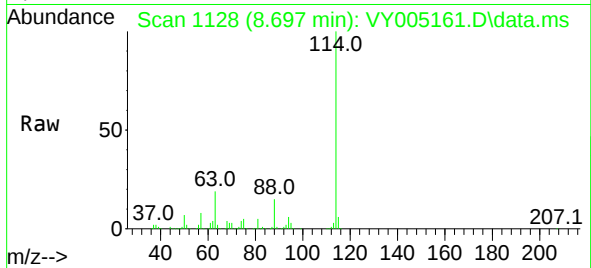




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005161.D
Acq: 17 Jun 2021 16:57

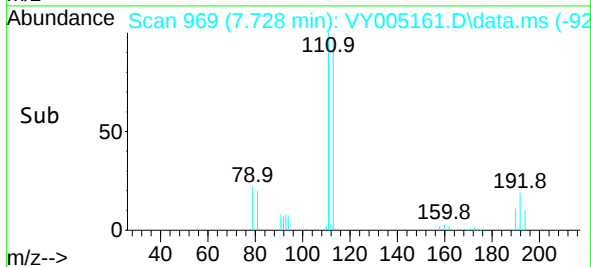
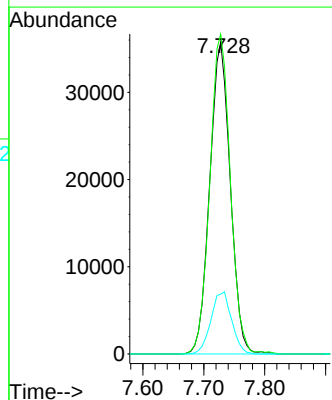
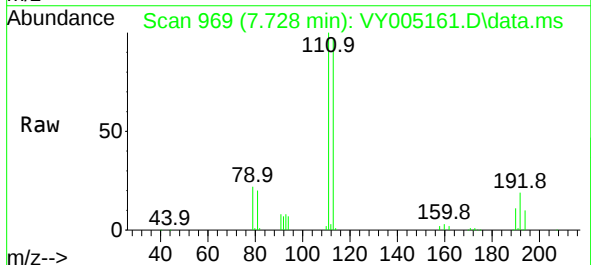
Instrument :
MSVOA_Y
ClientSampled :

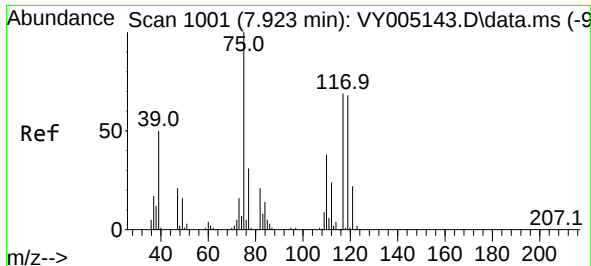
Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	37.6
88	15.1	0.0	29.6



#35
Dibromofluoromethane
Concen: 72.097 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005161.D
Acq: 17 Jun 2021 16:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.3	123.5
192	20.1	16.2	24.2





#36

1,1-Dichloropropene

Concen: 4.575 ug/l

RT: 7.795 min Scan# 980

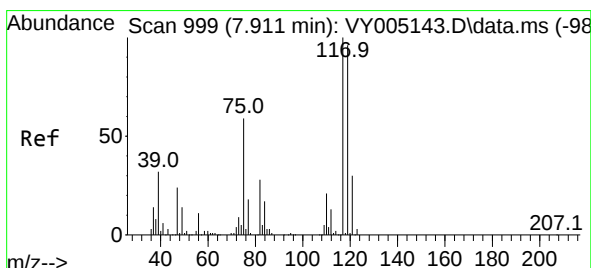
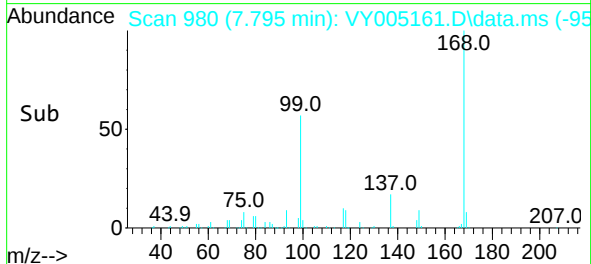
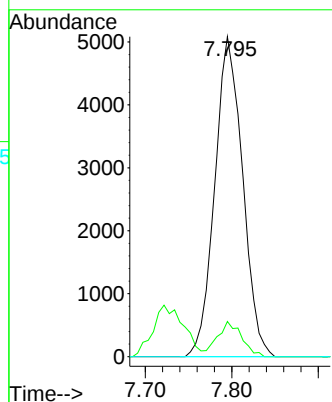
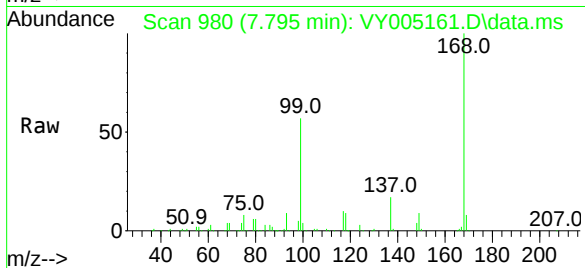
Delta R.T. -0.128 min

Lab File: VY005161.D

Acq: 17 Jun 2021 16:57

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75	Resp: 11327
Ion Ratio	Lower Upper
75 100	
110 9.7	18.8 56.3#
77 0.0	24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.803 ug/l

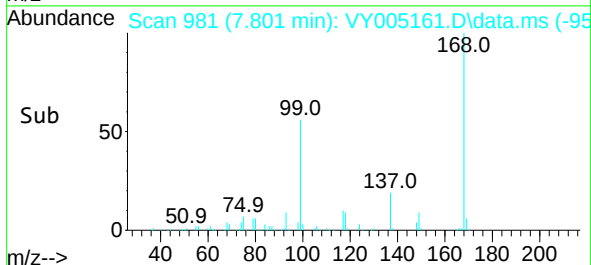
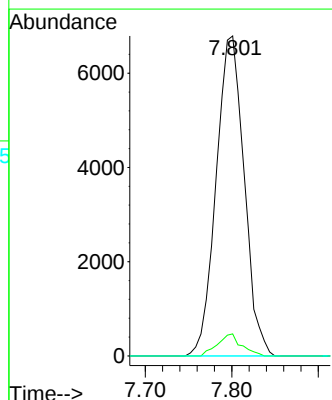
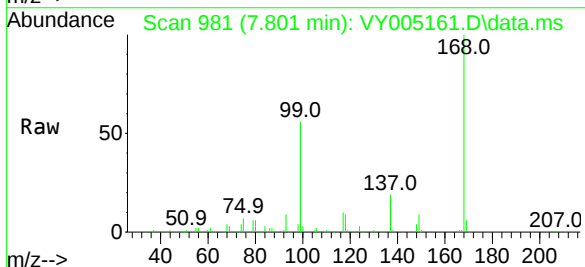
RT: 7.801 min Scan# 981

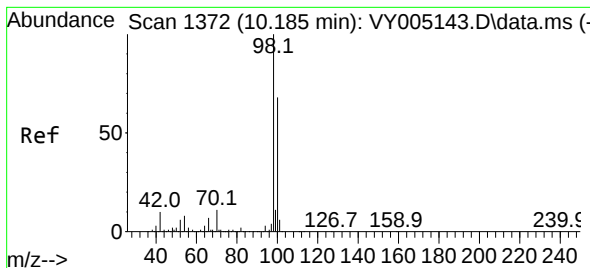
Delta R.T. -0.110 min

Lab File: VY005161.D

Acq: 17 Jun 2021 16:57

Tgt Ion: 117	Resp: 15254
Ion Ratio	Lower Upper
117 100	
119 6.9	76.9 115.3#
121 0.0	24.2 36.4#

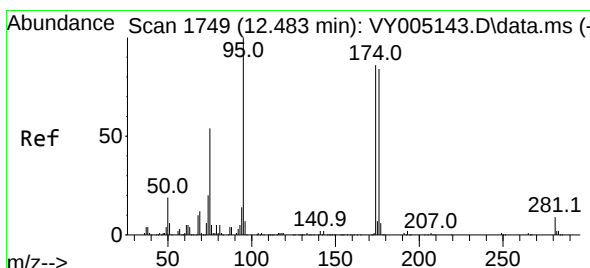
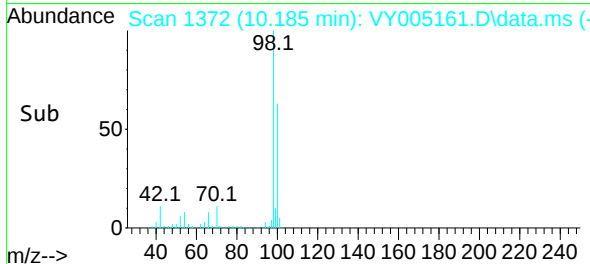
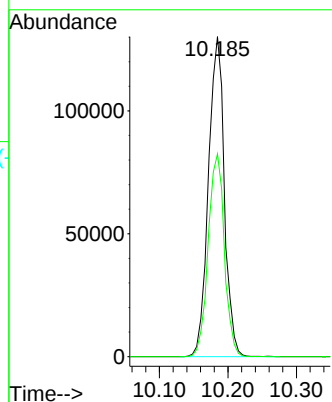
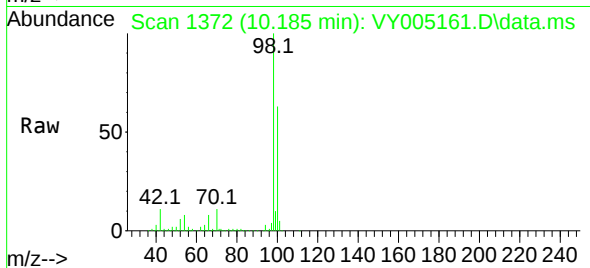




#50
Toluene-d8
Concen: 36.494 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005161.D
Acq: 17 Jun 2021 16:57

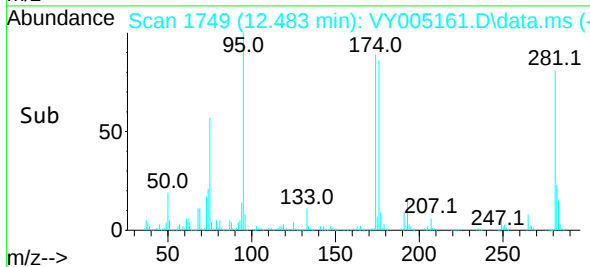
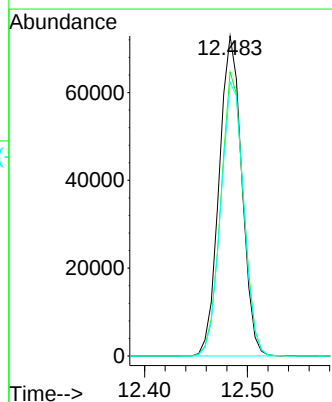
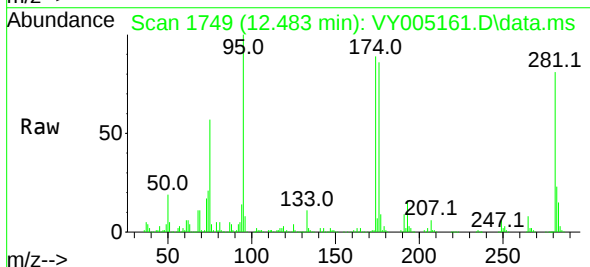
Instrument :
MSVOA_Y
ClientSampled :

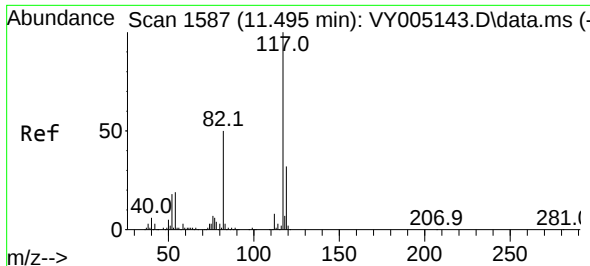
Tgt Ion: 98 Resp: 210220
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 57.536 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005161.D
Acq: 17 Jun 2021 16:57

Tgt Ion: 95 Resp: 111467
Ion Ratio Lower Upper
95 100
174 88.5 0.0 179.2
176 86.7 0.0 174.0

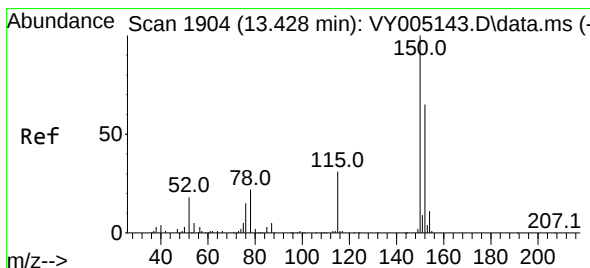
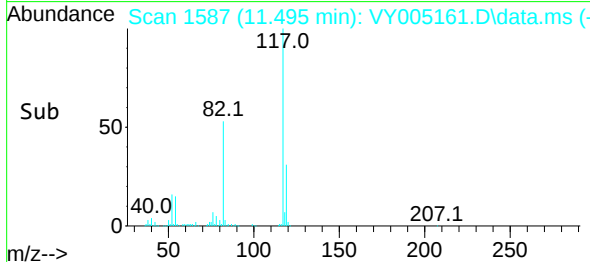
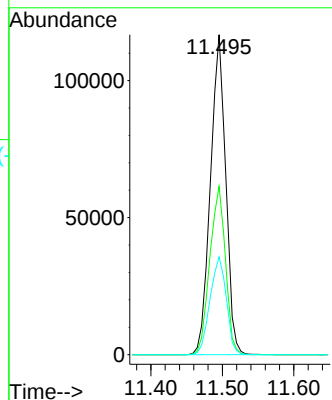
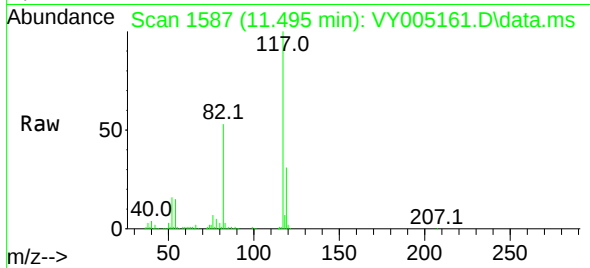




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005161.D
Acq: 17 Jun 2021 16:57

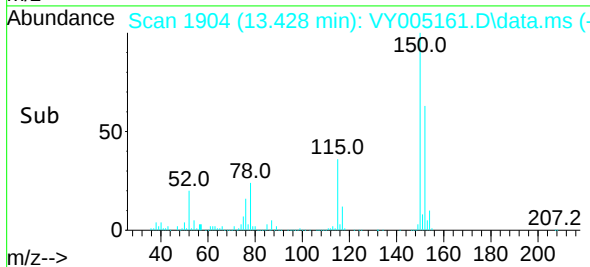
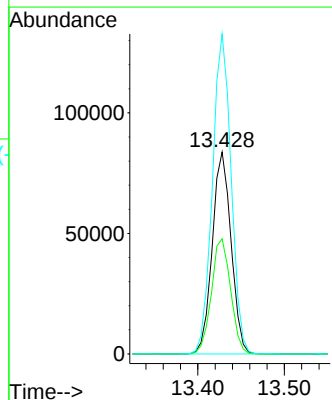
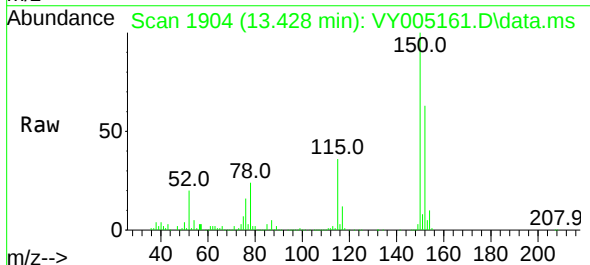
Instrument :
MSVOA_Y
ClientSampleId :

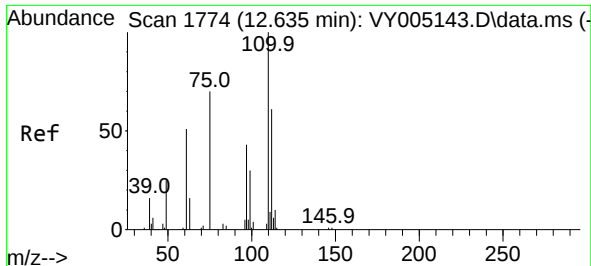
Tgt Ion:117 Resp: 173471
Ion Ratio Lower Upper
117 100
82 52.6 39.8 59.6
119 30.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005161.D
Acq: 17 Jun 2021 16:57

Tgt Ion:152 Resp: 126302
Ion Ratio Lower Upper
152 100
115 58.2 29.5 88.6
150 157.7 0.0 348.2

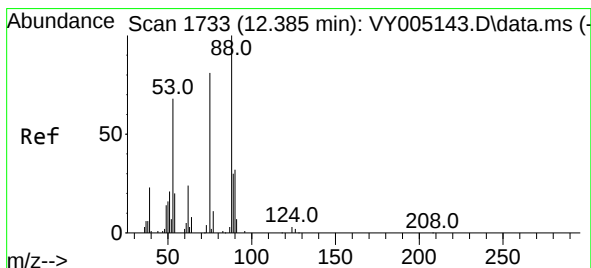
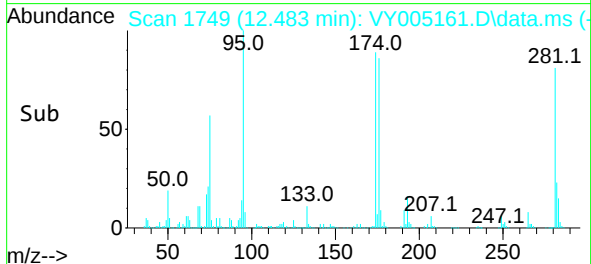
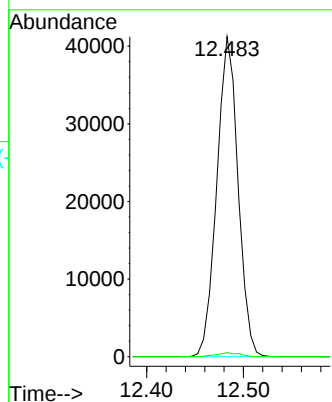
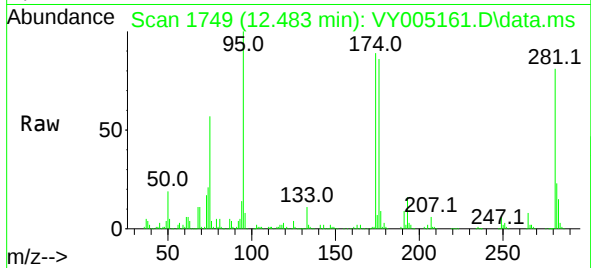




#76
1,2,3-Trichloropropane
Concen: 55.493 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005161.D
Acq: 17 Jun 2021 16:57

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 62737
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.525 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY005161.D
Acq: 17 Jun 2021 16:57

Tgt Ion: 75 Resp: 62737
Ion Ratio Lower Upper
75 100
53 0.1 73.2 109.8#
89 1.6 44.1 66.1#

