

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061521\
 Data File : VY005147.D
 Acq On : 15 Jun 2021 15:39
 Operator : SY/MD
 Sample : VY0615SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 16 04:53:37 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)

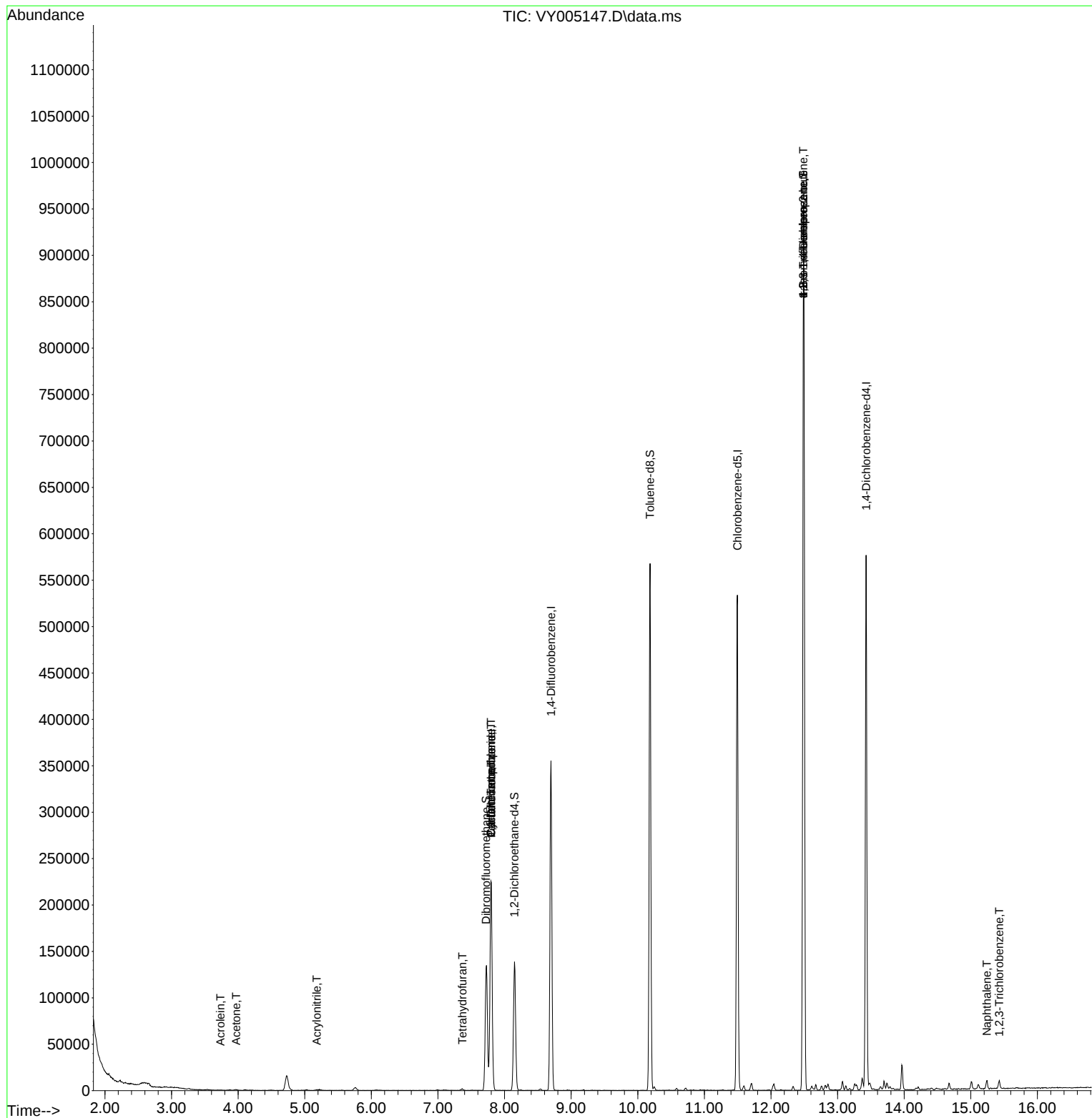
Internal Standards						
1) Pentafluorobenzene	7.801	168	177086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	308791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	301922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	146981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	110475	64.521	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.040%	
35) Dibromofluoromethane	7.722	113	93583	70.534	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 141.060%	
50) Toluene-d8	10.185	98	373923	56.839	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.680%	
62) 4-Bromofluorobenzene	12.483	95	131710	59.530	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 119.060%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	236	Below Cal	#	74
13) Acrolein	3.735	56	286	1.716	ug/l	89
15) Acrylonitrile	5.180	53	1047	2.217	ug/l #	93
16) Acetone	3.973	43	1635	4.695	ug/l #	78
20) Methylene Chloride	4.735	84	12613	Below Cal		97
29) Tetrahydrofuran	7.368	42	1074	2.985	ug/l #	77
31) Cyclohexane	7.795	56	3773	1.295	ug/l #	23
36) 1,1-Dichloropropene	7.795	75	13155	4.652	ug/l #	49
38) Carbon Tetrachloride	7.795	117	17242	5.743	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	75316	57.246	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	75316	106.797	ug/l #	12
95) Naphthalene	15.239	128	7197	1.241	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	2733	1.108	ug/l	99

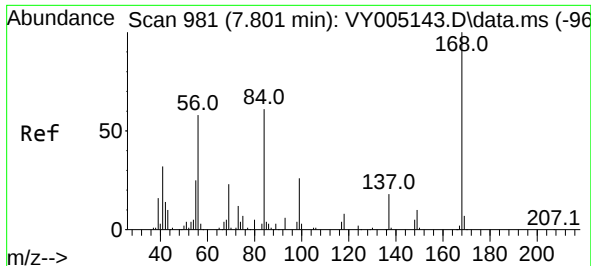
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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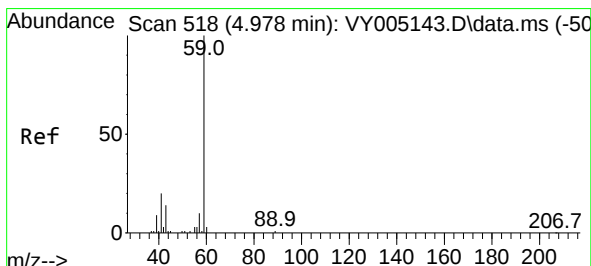
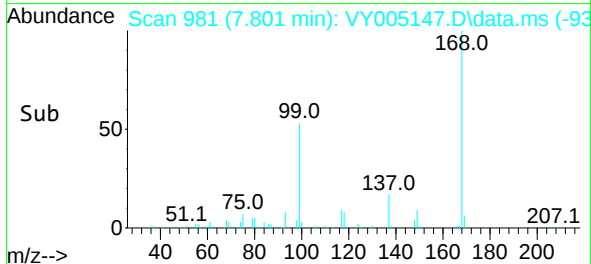
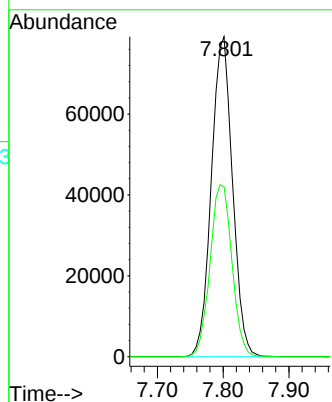
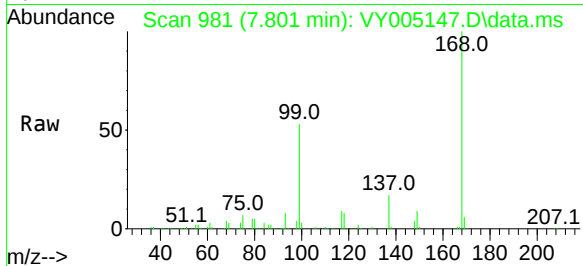




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005147.D
Acq: 15 Jun 2021 15:39

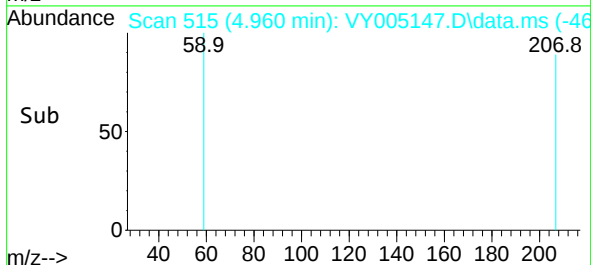
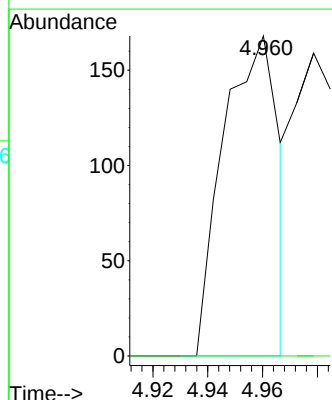
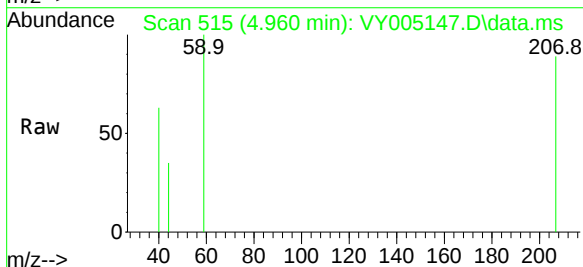
Instrument :
MSVOA_Y
ClientSampleId :

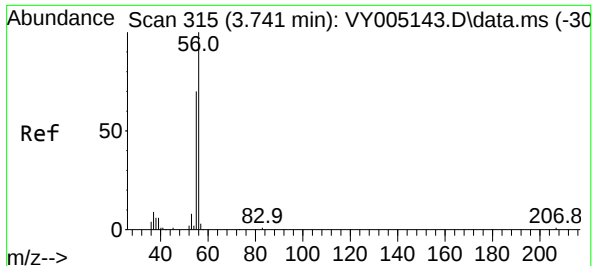
Tgt Ion:168 Resp: 177086
Ion Ratio Lower Upper
168 100
99 53.2 44.5 66.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY005147.D
Acq: 15 Jun 2021 15:39

Tgt Ion: 59 Resp: 236
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

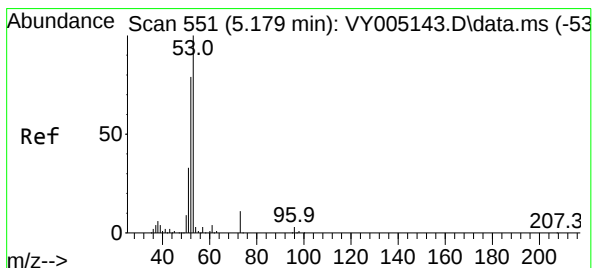
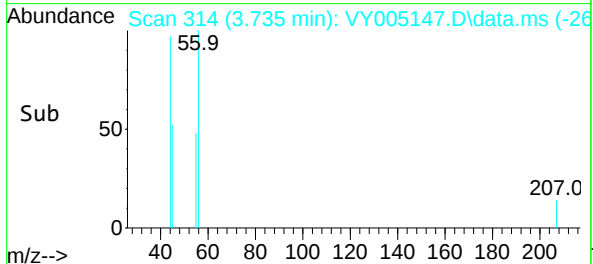
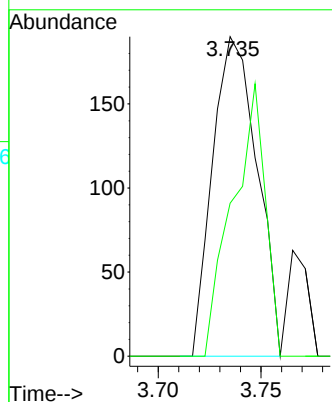
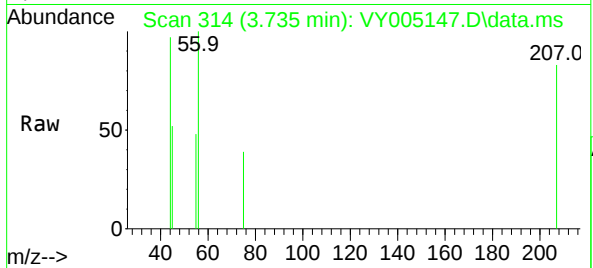




#13
Acrolein
Concen: 1.716 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY005147.D
Acq: 15 Jun 2021 15:39

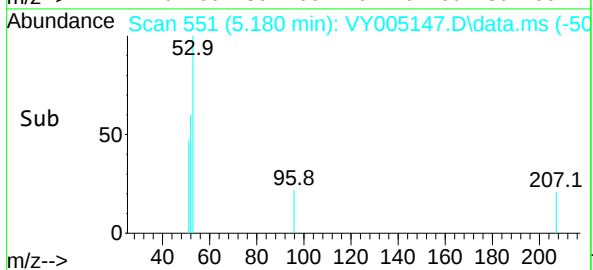
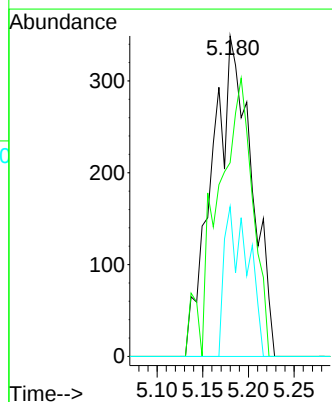
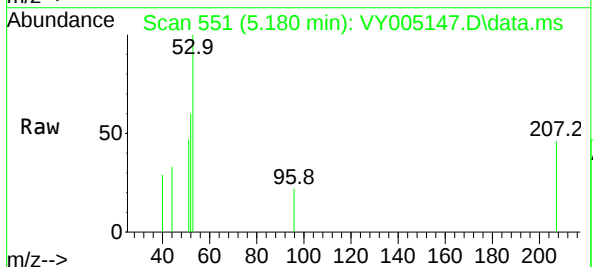
Instrument :
MSVOA_Y
ClientSampleId :

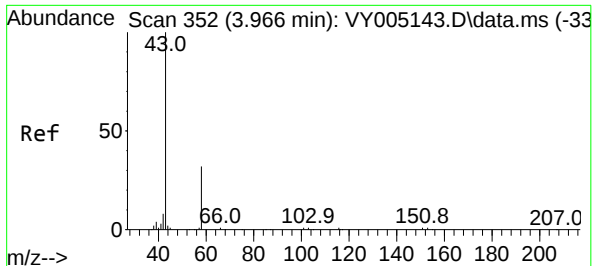
Tgt Ion: 56 Resp: 286
Ion Ratio Lower Upper
56 100
55 62.9 57.6 86.4



#15
Acrylonitrile
Concen: 2.217 ug/l
RT: 5.180 min Scan# 551
Delta R.T. 0.000 min
Lab File: VY005147.D
Acq: 15 Jun 2021 15:39

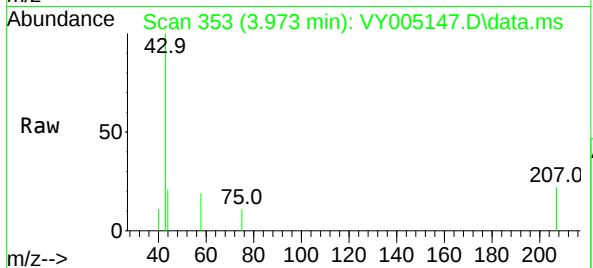
Tgt Ion: 53 Resp: 1047
Ion Ratio Lower Upper
53 100
52 77.8 65.6 98.4
51 27.9 28.8 43.2#



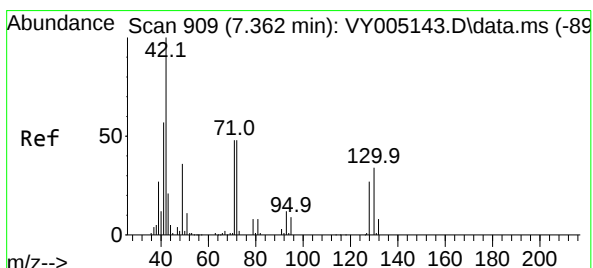
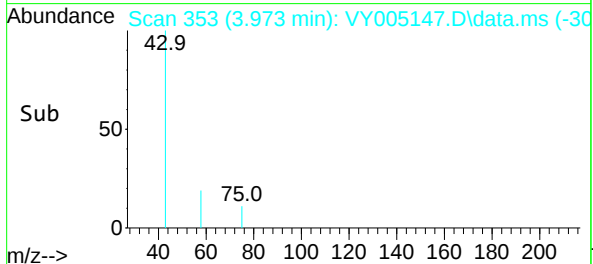
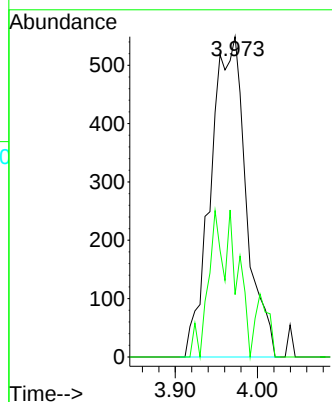


#16
Acetone
Concen: 4.695 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY005147.D
Acq: 15 Jun 2021 15:39

Instrument :
MSVOA_Y
ClientSampleId :

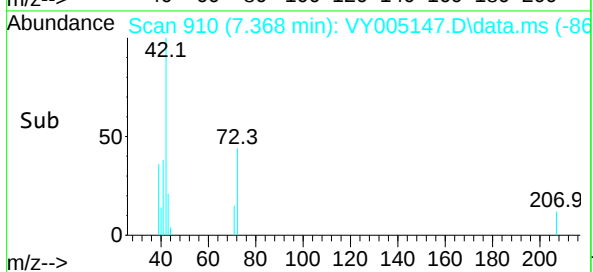
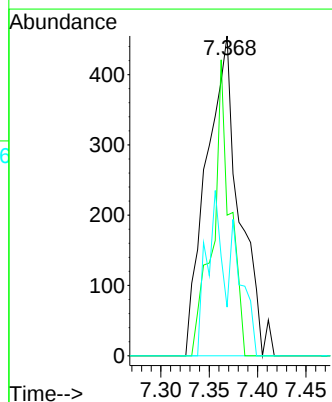
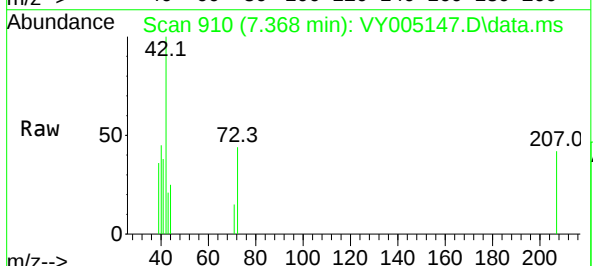


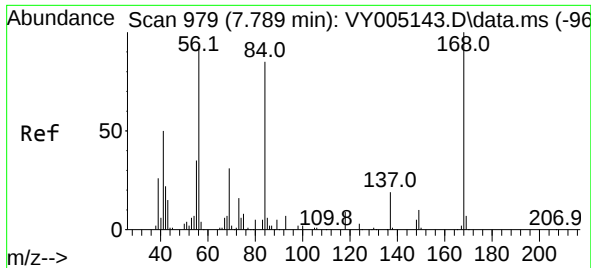
Tgt Ion: 43 Resp: 1635
Ion Ratio Lower Upper
43 100
58 19.5 25.6 38.4#



#29
Tetrahydrofuran
Concen: 2.985 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY005147.D
Acq: 15 Jun 2021 15:39

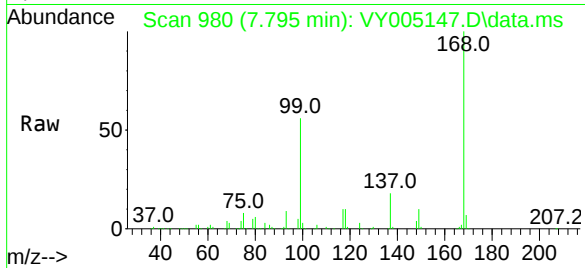
Tgt Ion: 42 Resp: 1074
Ion Ratio Lower Upper
42 100
72 48.3 39.4 59.2
71 16.1 37.4 56.2#



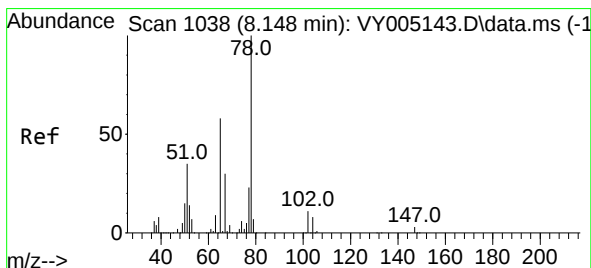
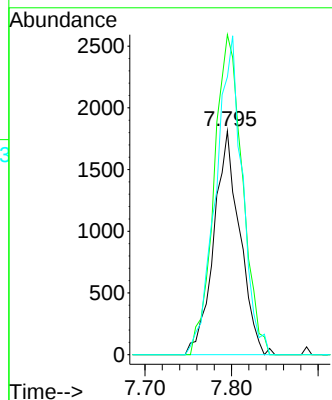
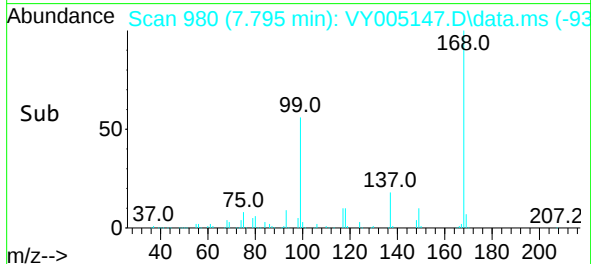


#31
Cyclohexane
Concen: 1.295 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005147.D
Acq: 15 Jun 2021 15:39

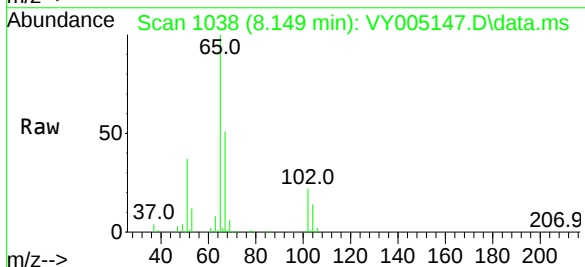
Instrument :
MSVOA_Y
ClientSampleId :



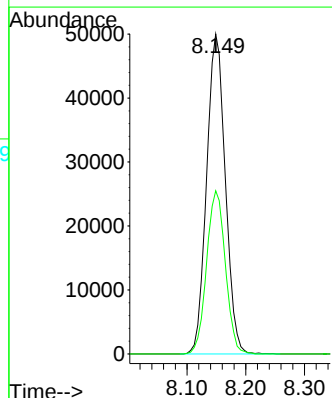
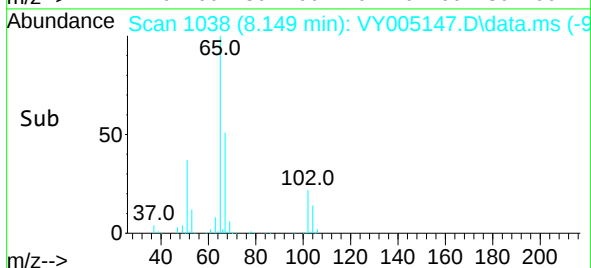
Tgt Ion: 56 Resp: 3773
Ion Ratio Lower Upper
56 100
69 143.1 26.3 39.5#
84 124.2 73.2 109.8#

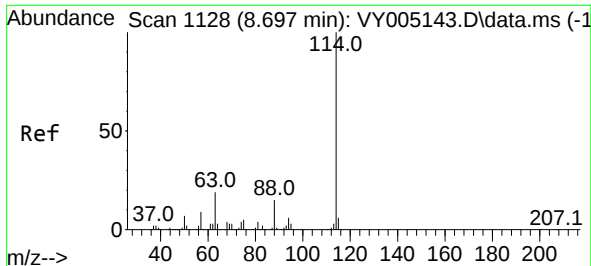


#33
1,2-Dichloroethane-d4
Concen: 64.521 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VY005147.D
Acq: 15 Jun 2021 15:39



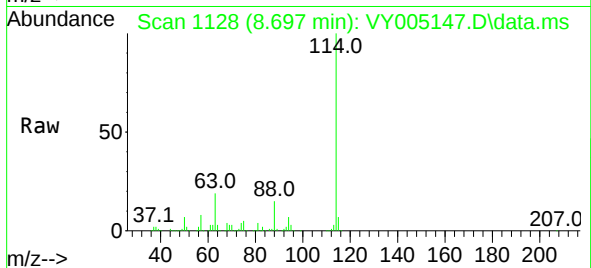
Tgt Ion: 65 Resp: 110475
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.2



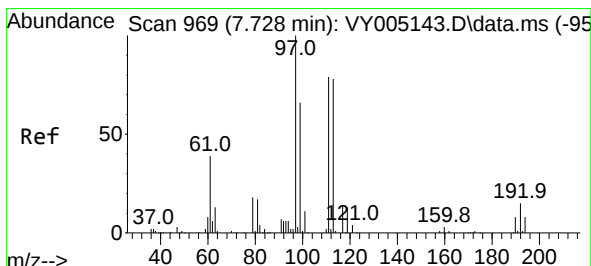
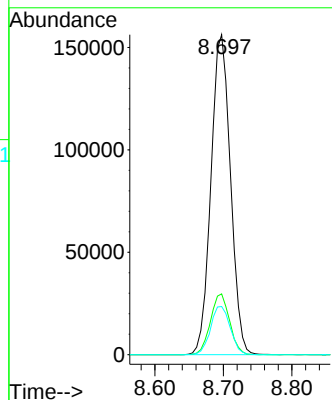
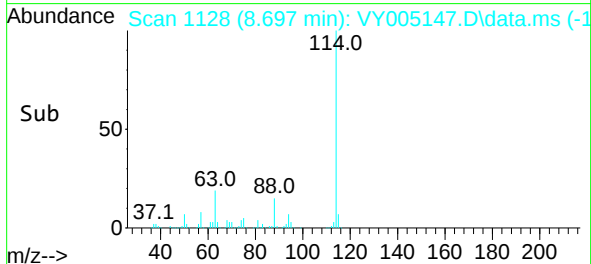


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005147.D
Acq: 15 Jun 2021 15:39

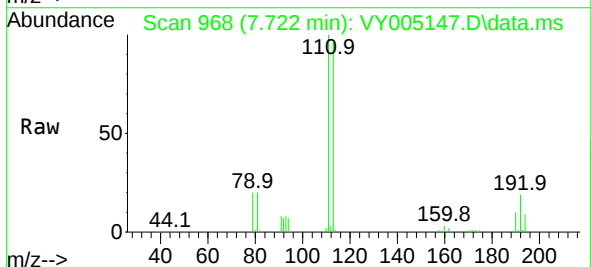
Instrument :
MSVOA_Y
ClientSampled :



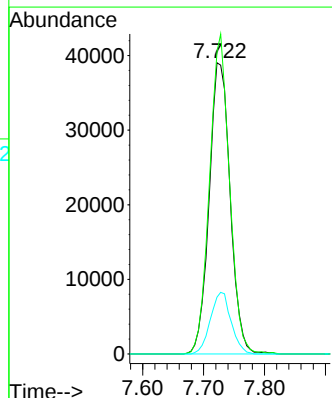
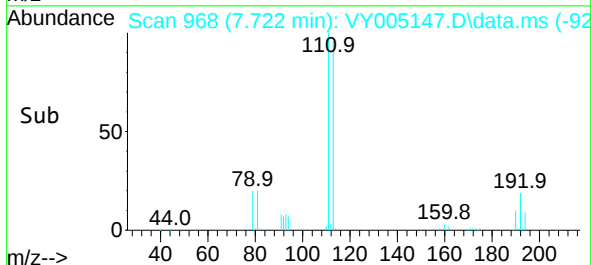
Tgt Ion:114 Resp: 308791
Ion Ratio Lower Upper
114 100
63 19.0 0.0 37.6
88 15.1 0.0 29.6

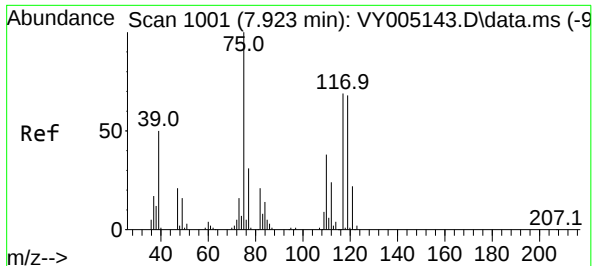


#35
Dibromofluoromethane
Concen: 70.534 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005147.D
Acq: 15 Jun 2021 15:39



Tgt Ion:113 Resp: 93583
Ion Ratio Lower Upper
113 100
111 104.3 82.3 123.5
192 20.8 16.2 24.2





#36

1,1-Dichloropropene

Concen: 4.652 ug/l

RT: 7.795 min Scan# 980

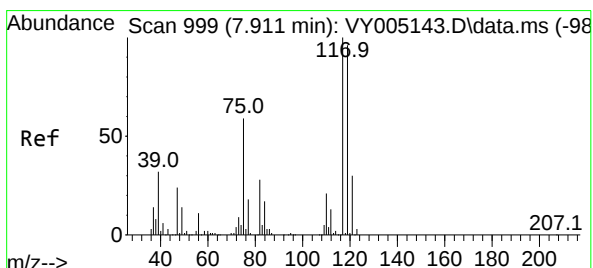
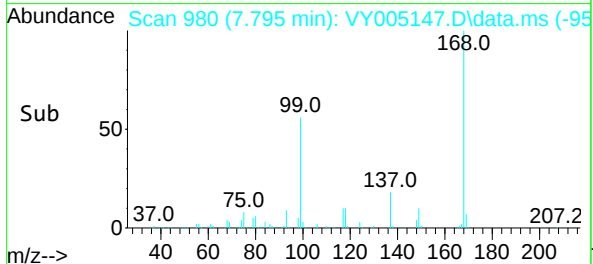
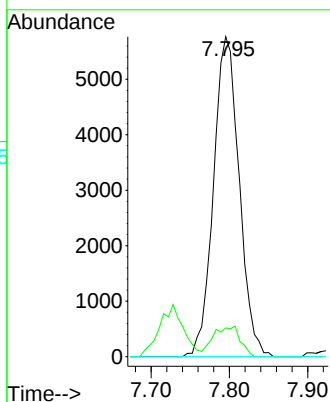
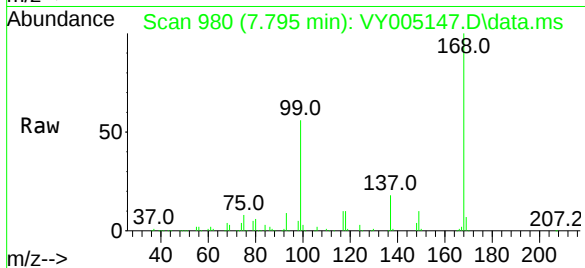
Delta R.T. -0.128 min

Lab File: VY005147.D

Acq: 15 Jun 2021 15:39

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	75	Resp:	13155
Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.8	56.3#
77	0.0	24.6	36.8#



#38

Carbon Tetrachloride

Concen: 5.743 ug/l

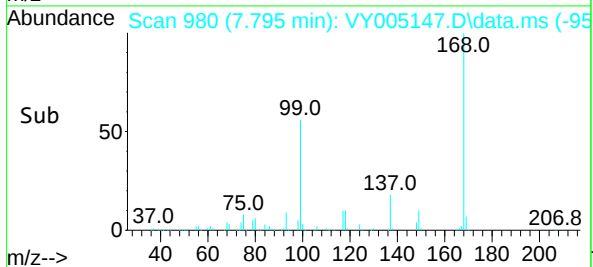
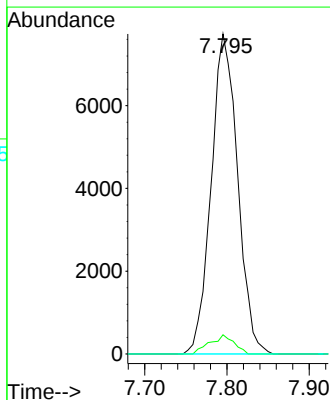
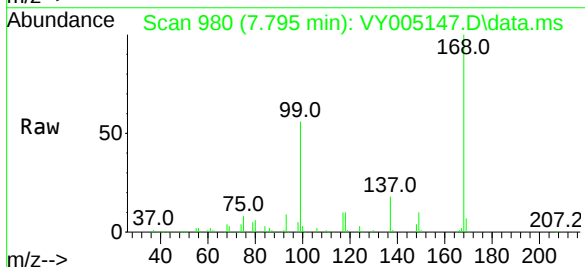
RT: 7.795 min Scan# 980

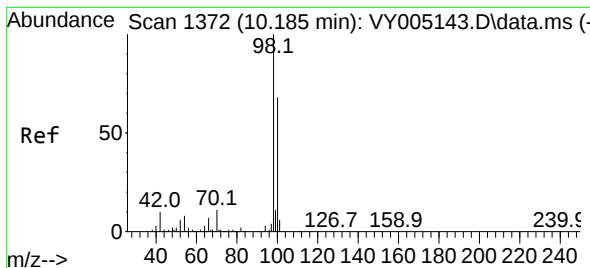
Delta R.T. -0.115 min

Lab File: VY005147.D

Acq: 15 Jun 2021 15:39

Tgt Ion:	117	Resp:	17242
Ion	Ratio	Lower	Upper
117	100		
119	6.0	76.9	115.3#
121	0.0	24.2	36.4#

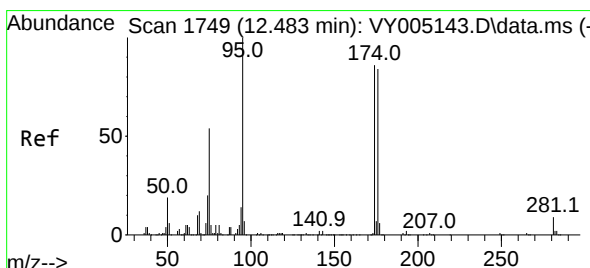
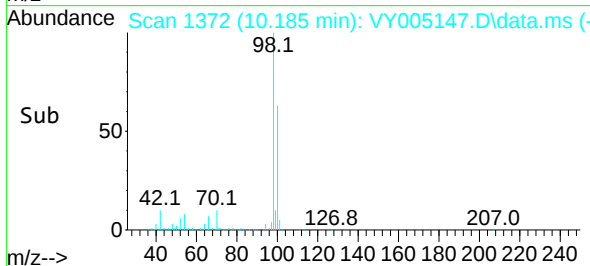
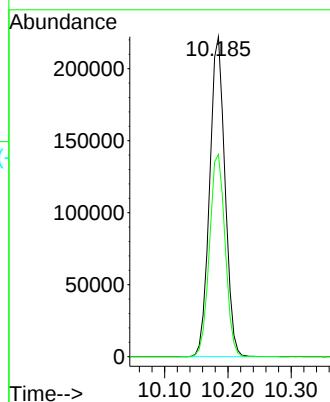
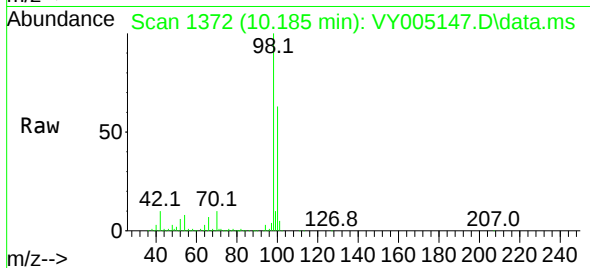




#50
Toluene-d8
Concen: 56.839 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005147.D
Acq: 15 Jun 2021 15:39

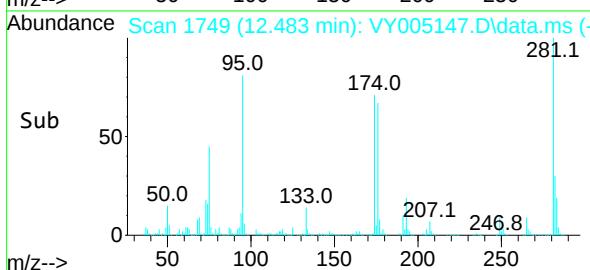
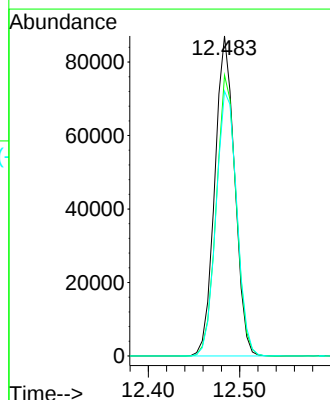
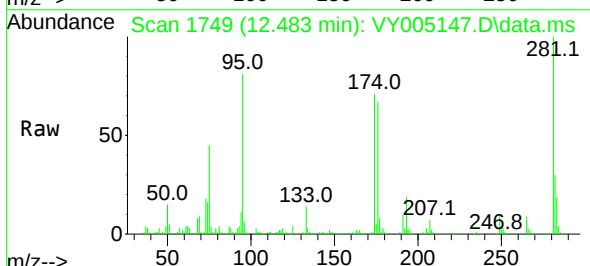
Instrument :
MSVOA_Y
ClientSampled :

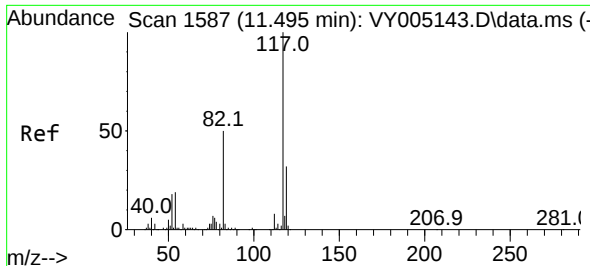
Tgt Ion: 98 Resp: 373923
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 59.530 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005147.D
Acq: 15 Jun 2021 15:39

Tgt Ion: 95 Resp: 131710
Ion Ratio Lower Upper
95 100
174 87.7 0.0 179.2
176 86.4 0.0 174.0

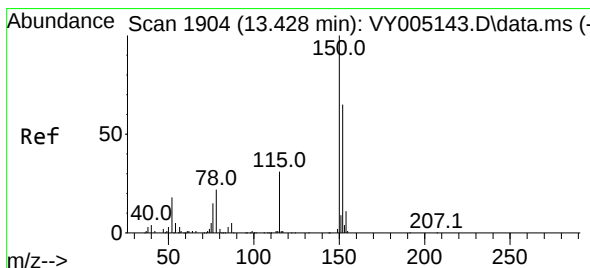
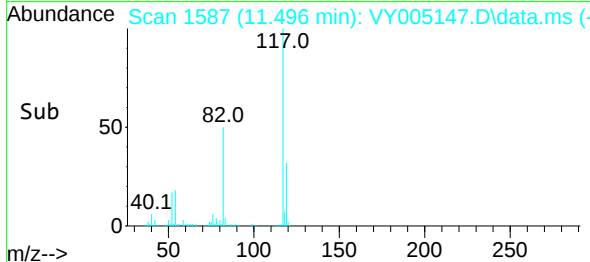
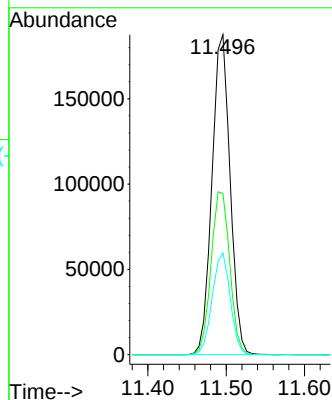
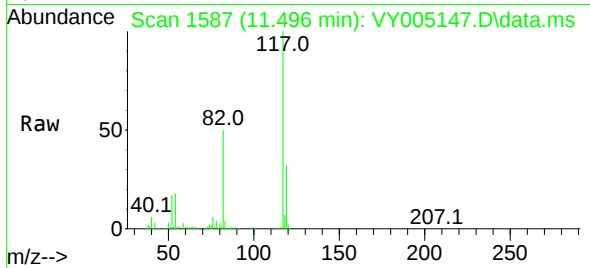




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005147.D
Acq: 15 Jun 2021 15:39

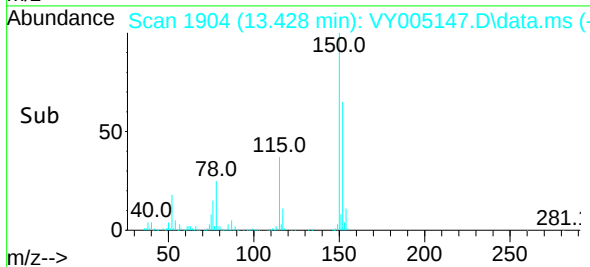
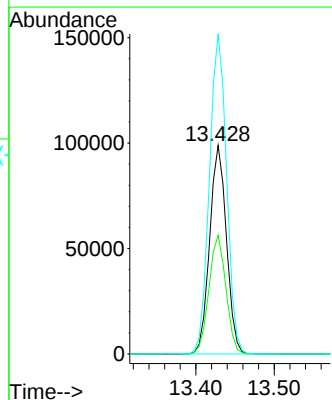
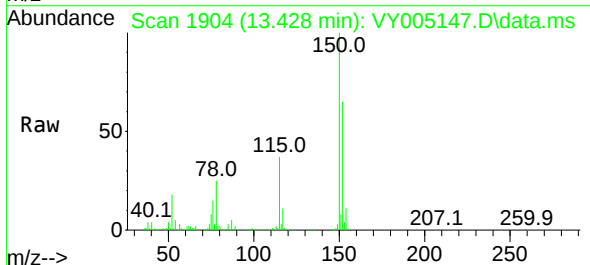
Instrument :
MSVOA_Y
ClientSampleId :

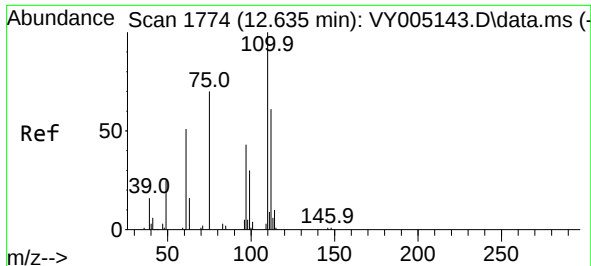
Tgt Ion:117 Resp: 301922
Ion Ratio Lower Upper
117 100
82 50.4 39.8 59.6
119 31.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005147.D
Acq: 15 Jun 2021 15:39

Tgt Ion:152 Resp: 146981
Ion Ratio Lower Upper
152 100
115 57.5 29.5 88.6
150 156.8 0.0 348.2

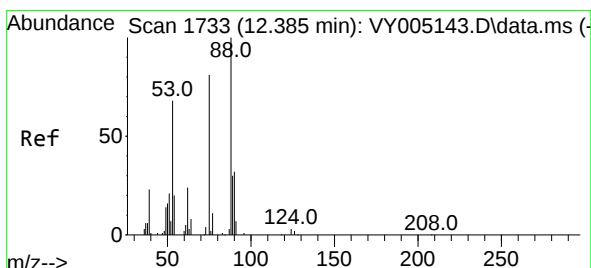
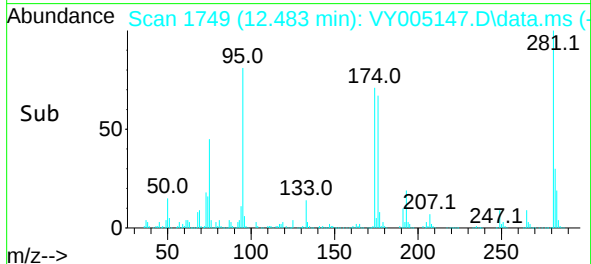
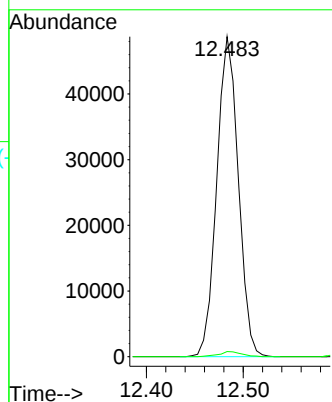
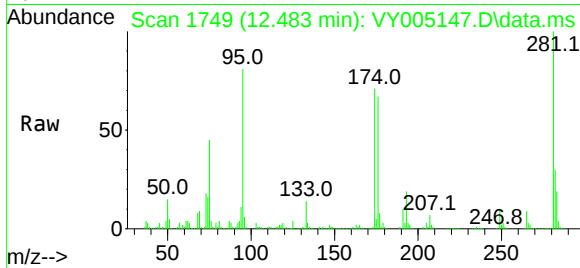




#76
1,2,3-Trichloropropane
Concen: 57.246 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005147.D
Acq: 15 Jun 2021 15:39

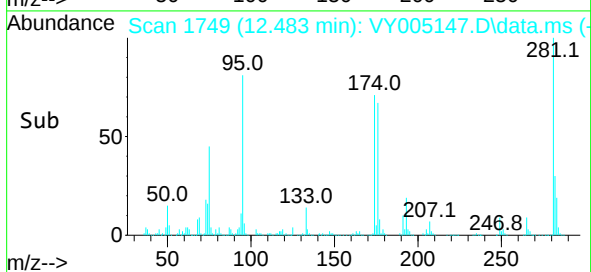
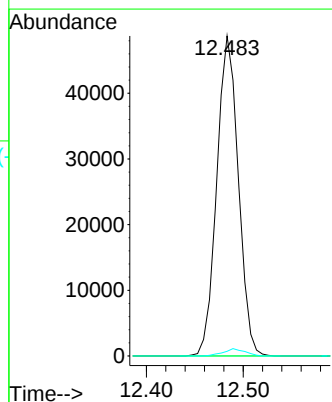
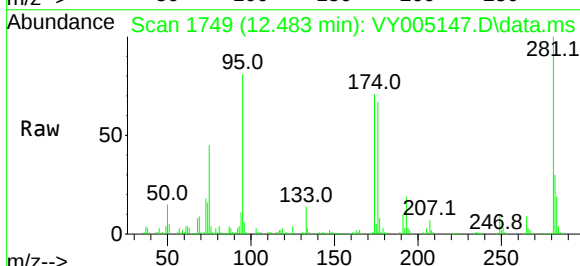
Instrument :
MSVOA_Y
ClientSampleId :

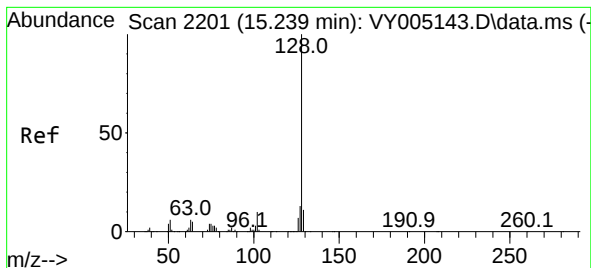
Tgt Ion: 75 Resp: 75316
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.797 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY005147.D
Acq: 15 Jun 2021 15:39

Tgt Ion: 75 Resp: 75316
Ion Ratio Lower Upper
75 100
53 0.0 73.2 109.8#
89 2.3 44.1 66.1#

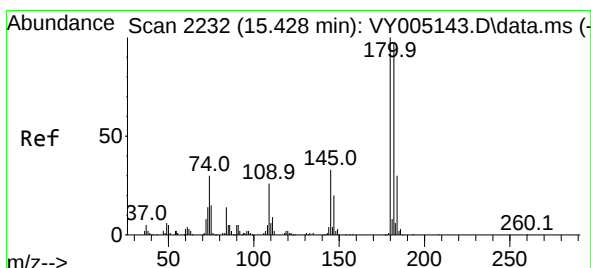
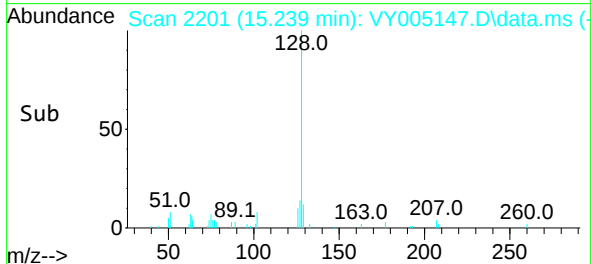
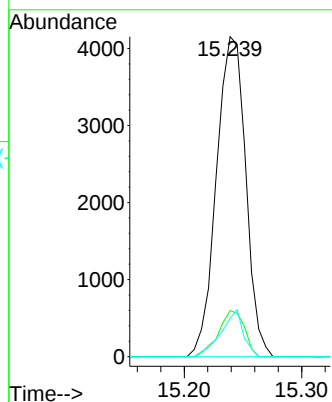
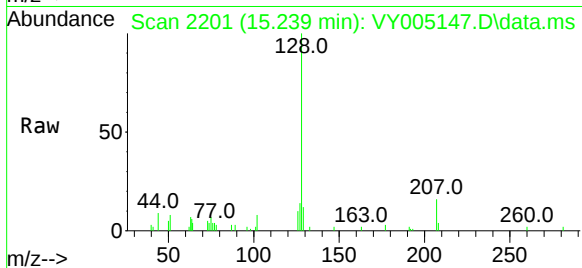




#95
Naphthalene
Concen: 1.241 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY005147.D
Acq: 15 Jun 2021 15:39

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 7197
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.2 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 1.108 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY005147.D
Acq: 15 Jun 2021 15:39

Tgt Ion:180 Resp: 2733
Ion Ratio Lower Upper
180 100
182 95.9 47.4 142.3
145 33.4 16.4 49.2

