

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091421\
 Data File : VY006004.D
 Acq On : 14 Sep 2021 13:36
 Operator : SY/MD
 Sample : VY0914SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0914SBL01

Quant Time: Sep 15 05:12:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

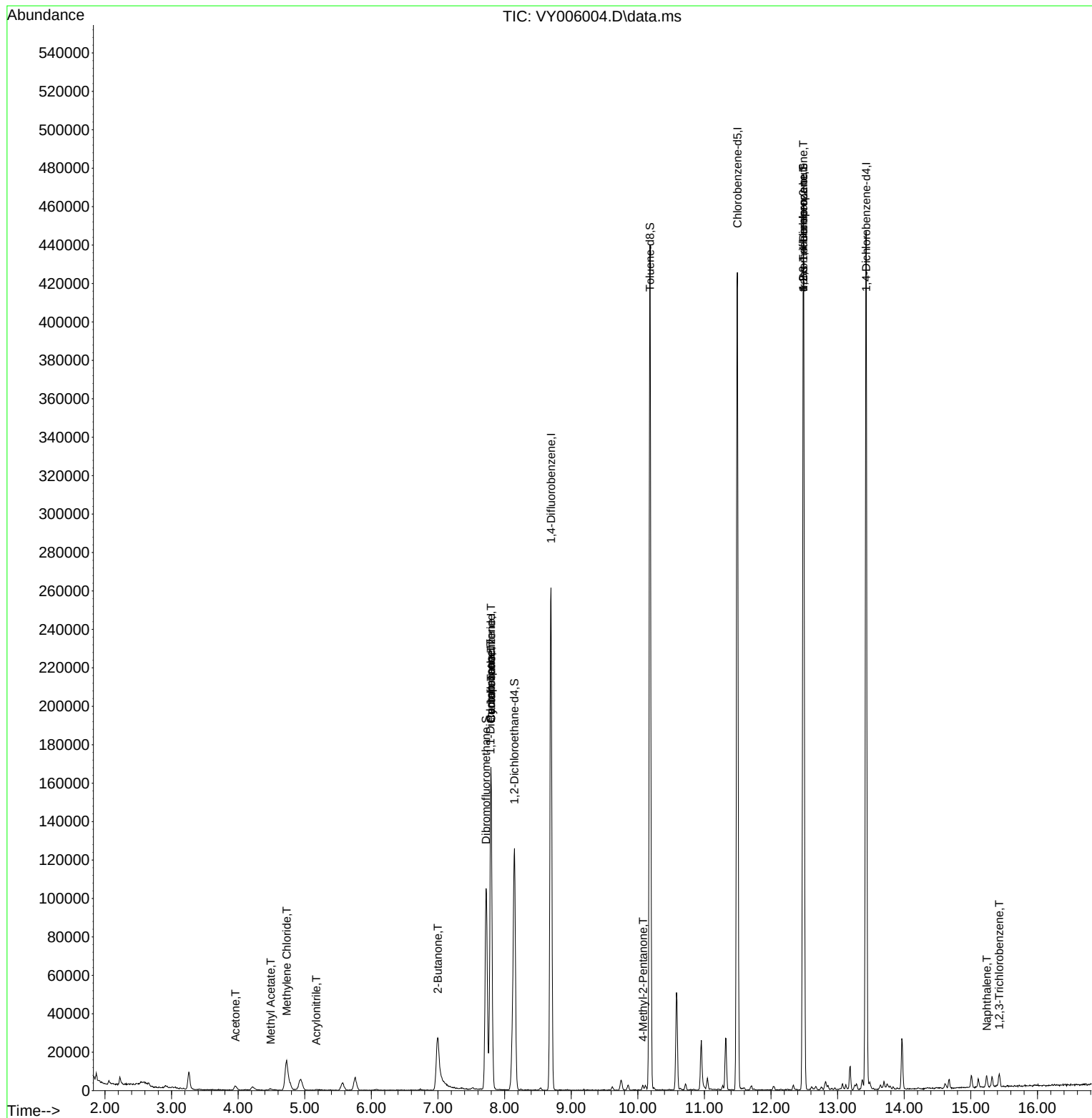
Internal Standards						
1) Pentafluorobenzene	7.795	168	123577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	205612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	220033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	95091	55.396	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.800%	
35) Dibromofluoromethane	7.722	113	70857	55.483	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.960%	
50) Toluene-d8	10.185	98	268396	49.310	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.620%	
62) 4-Bromofluorobenzene	12.483	95	102299	55.357	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.720%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	6333	Below Cal	#	79
15) Acrylonitrile	5.174	53	460	1.028	ug/l #	81
16) Acetone	3.960	43	3923	8.332	ug/l	98
18) Methyl Acetate	4.491	43	1343	1.132	ug/l #	67
20) Methylene Chloride	4.728	84	9591	2.073	ug/l	93
25) 2-Butanone	6.996	43	2262	3.486	ug/l #	76
31) Cyclohexane	7.795	56	3086	1.122	ug/l #	27
36) 1,1-Dichloropropene	7.789	75	10792	4.863	ug/l #	50
38) Carbon Tetrachloride	7.795	117	12448	5.152	ug/l #	16
51) 4-Methyl-2-Pentanone	10.081	43	1638	1.076	ug/l	97
76) 1,2,3-Trichloropropane	12.483	75	61473	53.869	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	61473	99.038	ug/l #	7
95) Naphthalene	15.239	128	4589	1.073	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.428	180	2235	1.200	ug/l	93

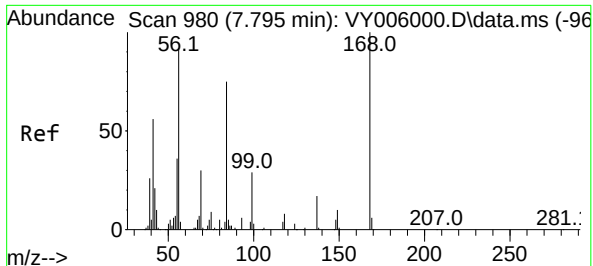
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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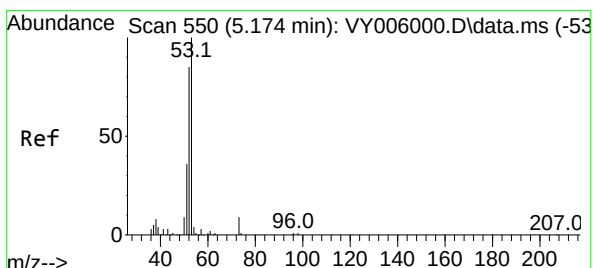
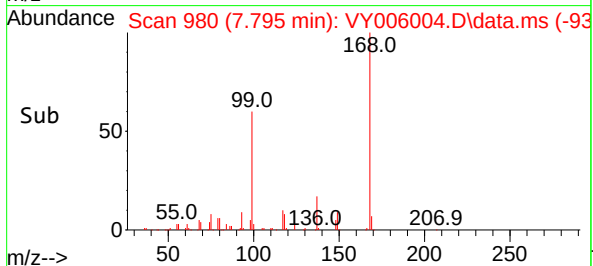
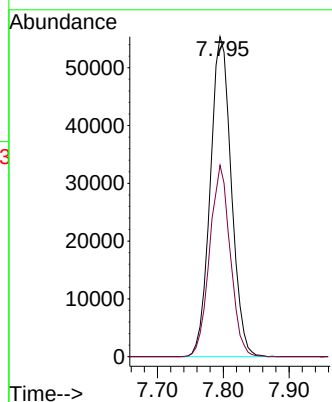
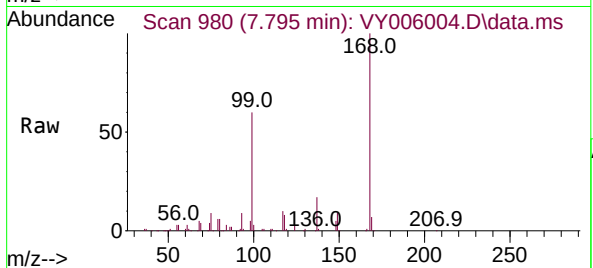




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006004.D
Acq: 14 Sep 2021 13:36

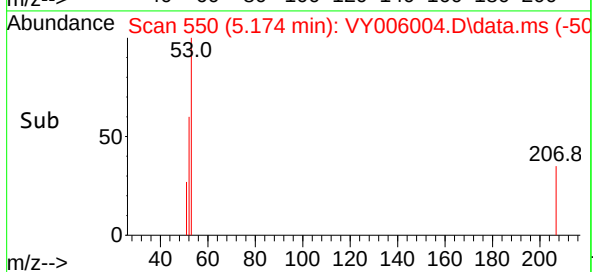
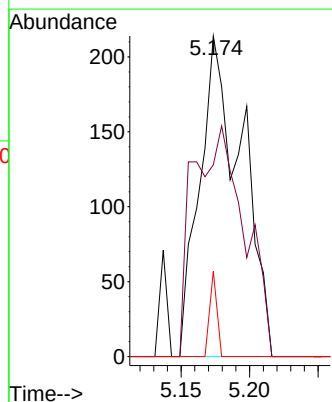
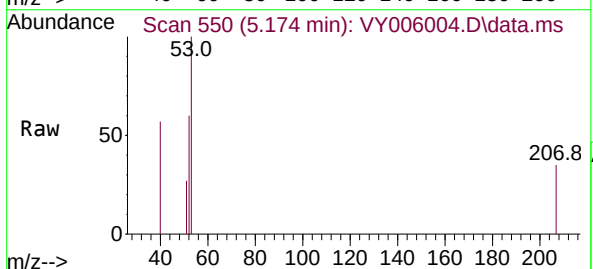
Instrument :
MSVOA_Y
ClientSampleId :
VY0914SBL01

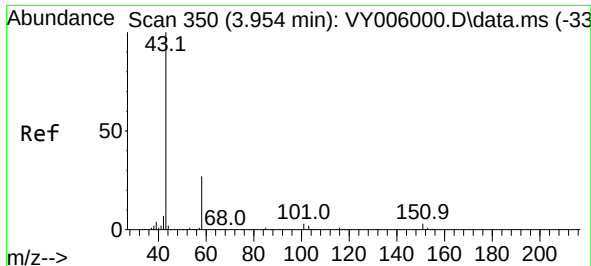
Tgt Ion:168 Resp: 123577
Ion Ratio Lower Upper
168 100
99 59.8 46.9 70.3



#15
Acrylonitrile
Concen: 1.028 ug/l
RT: 5.174 min Scan# 550
Delta R.T. -0.000 min
Lab File: VY006004.D
Acq: 14 Sep 2021 13:36

Tgt Ion: 53 Resp: 460
Ion Ratio Lower Upper
53 100
52 87.2 67.0 100.4
51 4.6 29.8 44.6#

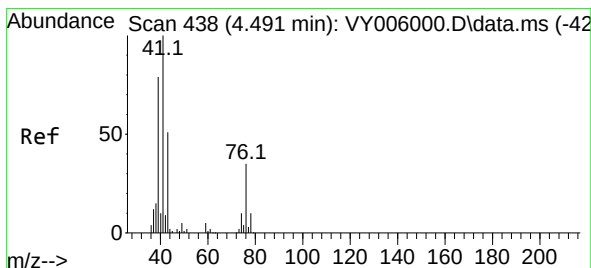
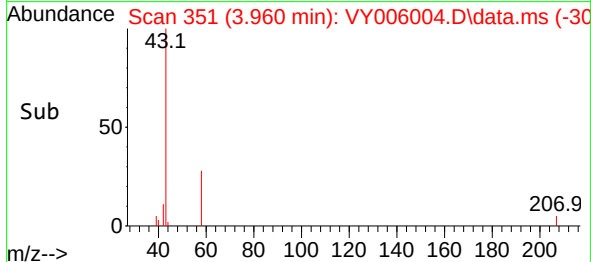
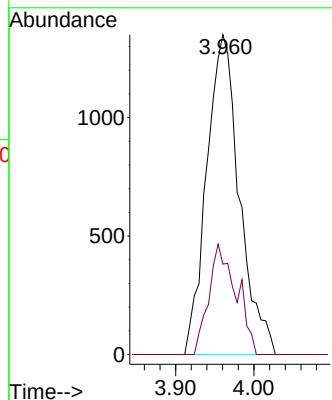
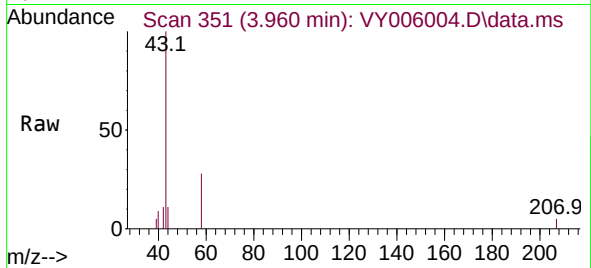




#16
Acetone
Concen: 8.332 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006004.D
Acq: 14 Sep 2021 13:36

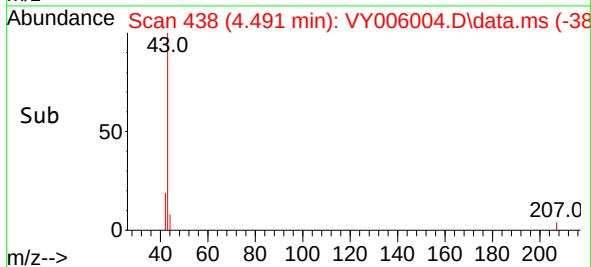
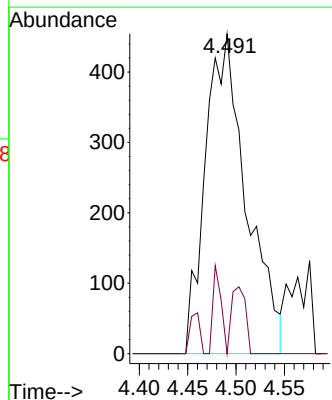
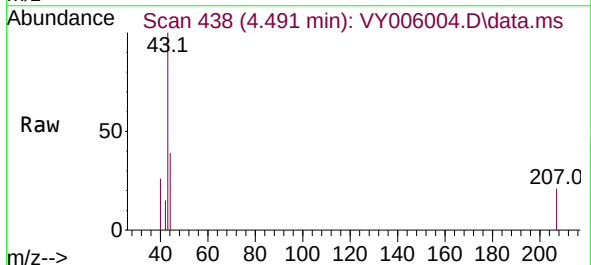
Instrument :
MSVOA_Y
ClientSampleId :
VY0914SBL01

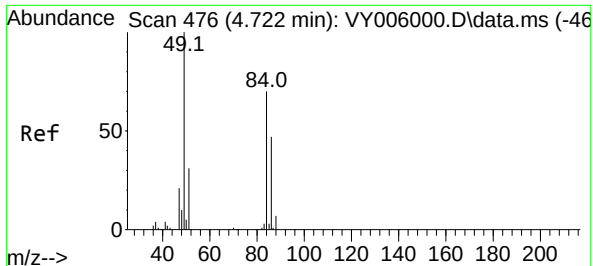
Tgt Ion: 43 Resp: 3923
Ion Ratio Lower Upper
43 100
58 28.3 22.0 33.0



#18
Methyl Acetate
Concen: 1.132 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY006004.D
Acq: 14 Sep 2021 13:36

Tgt Ion: 43 Resp: 1343
Ion Ratio Lower Upper
43 100
74 5.4 16.6 24.8#

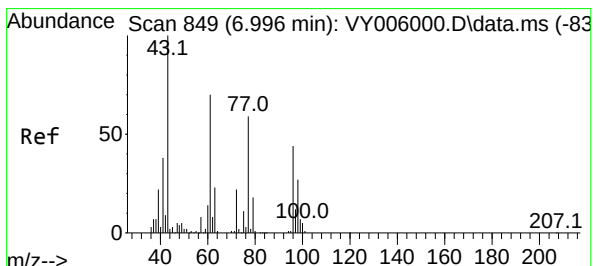
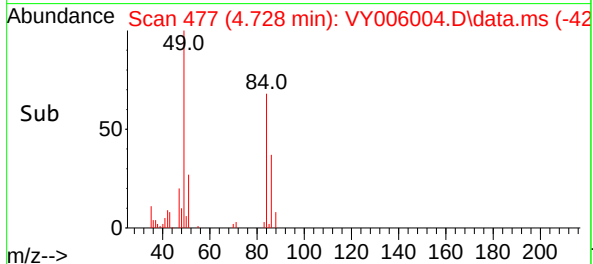
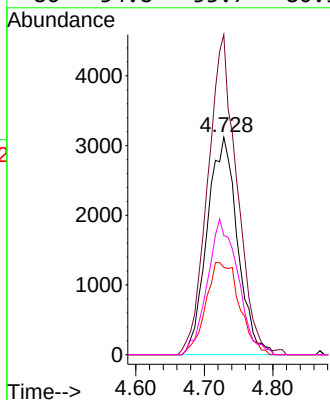
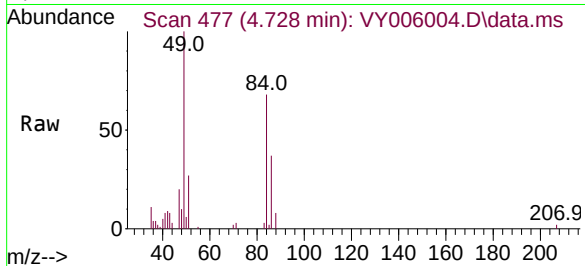




#20
Methylene Chloride
Concen: 2.073 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006004.D
Acq: 14 Sep 2021 13:36

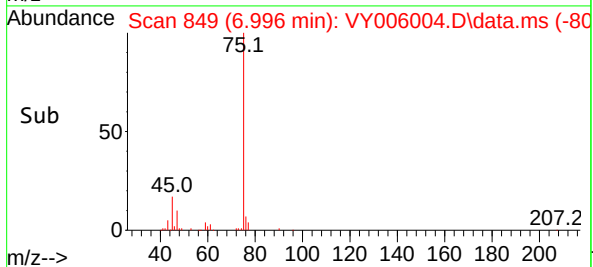
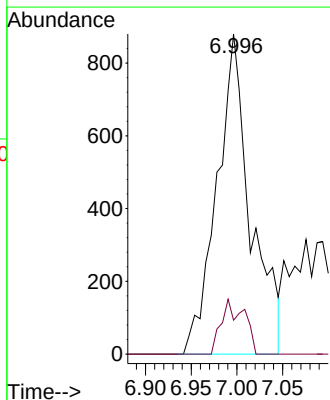
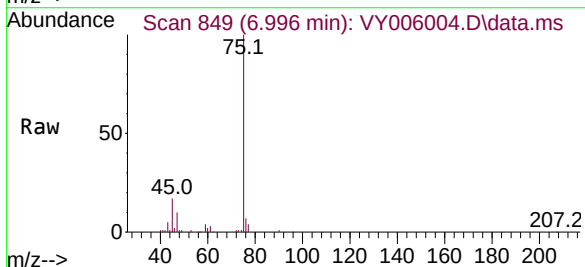
Instrument :
MSVOA_Y
ClientSampleId :
VY0914SBL01

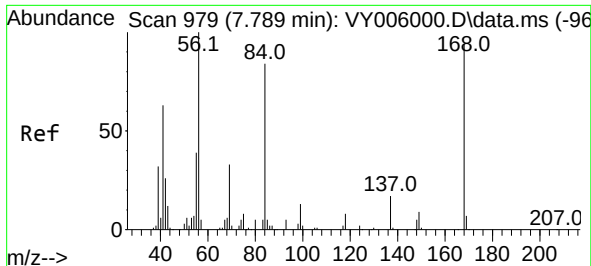
Tgt Ion:	84	Resp:	9591
Ion	Ratio	Lower	Upper
84	100		
49	147.1	114.4	171.6
51	40.2	35.3	52.9
86	54.8	53.7	80.5



#25
2-Butanone
Concen: 3.486 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY006004.D
Acq: 14 Sep 2021 13:36

Tgt Ion:	43	Resp:	2262
Ion	Ratio	Lower	Upper
43	100		
72	10.6	17.7	26.5#

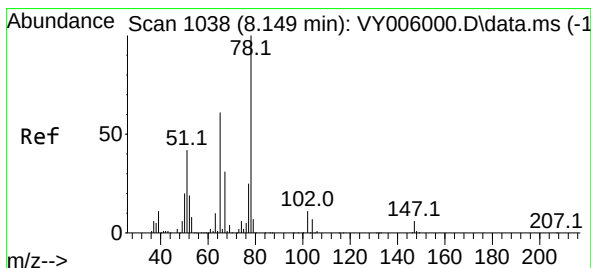
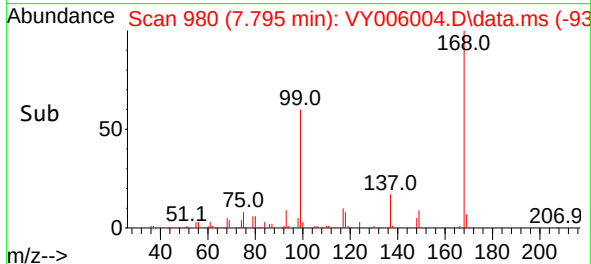
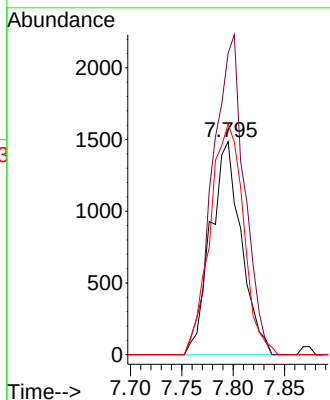
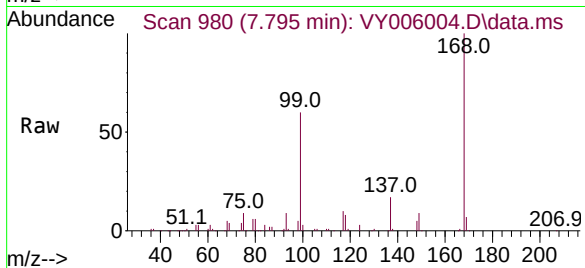




#31
Cyclohexane
Concen: 1.122 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006004.D
Acq: 14 Sep 2021 13:36

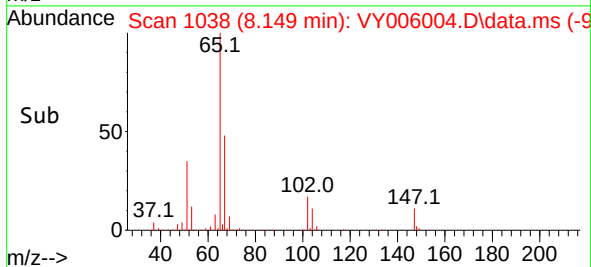
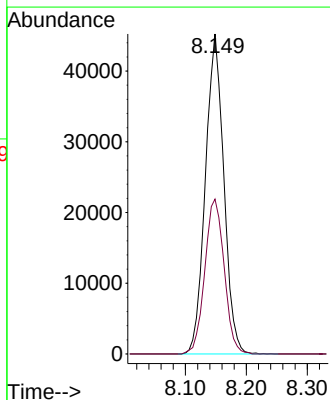
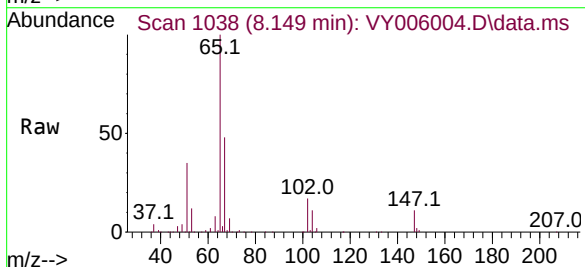
Instrument :
MSVOA_Y
ClientSampleId :
VY0914SBL01

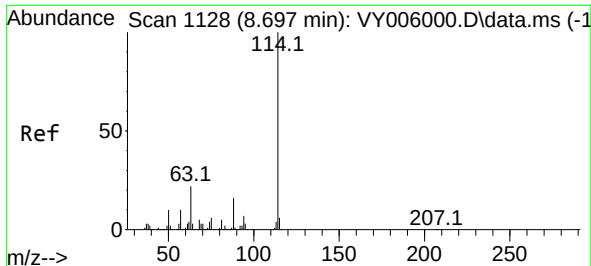
Tgt Ion: 56 Resp: 3086
Ion Ratio Lower Upper
56 100
69 141.3 26.7 40.1#
84 108.3 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 55.396 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006004.D
Acq: 14 Sep 2021 13:36

Tgt Ion: 65 Resp: 95091
Ion Ratio Lower Upper
65 100
67 50.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY006004.D

Acq: 14 Sep 2021 13:36

Tgt Ion:114 Resp: 205612

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.2

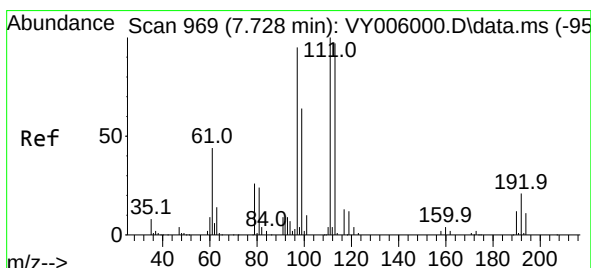
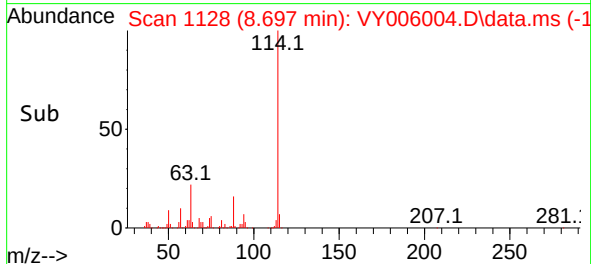
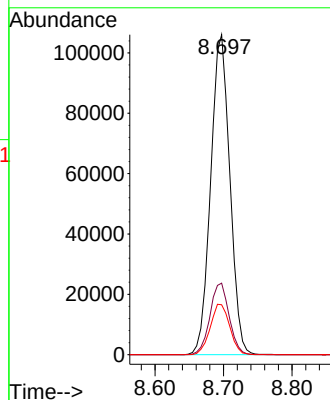
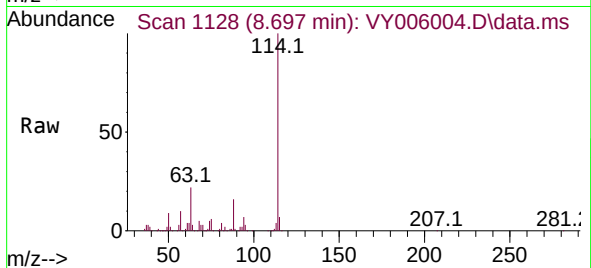
88 15.6 0.0 31.8

Instrument :

MSVOA_Y

ClientSampleId :

VY0914SBL01



#35

Dibromofluoromethane

Concen: 55.483 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY006004.D

Acq: 14 Sep 2021 13:36

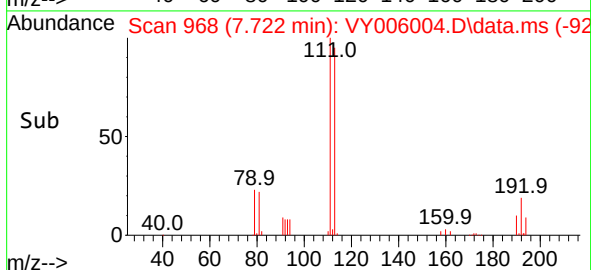
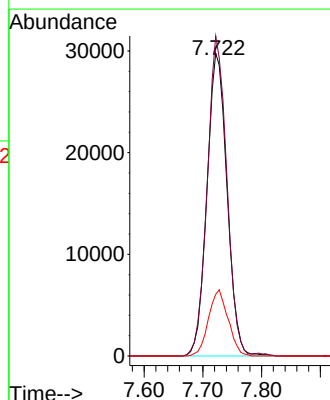
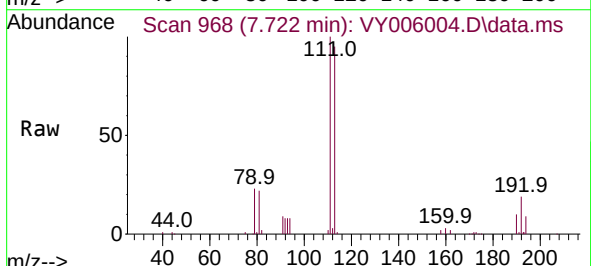
Tgt Ion:113 Resp: 70857

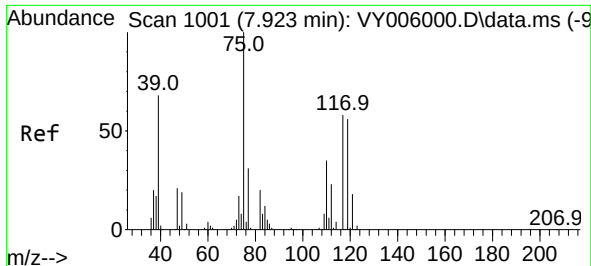
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 21.3 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.863 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.134 min

Lab File: VY006004.D

Acq: 14 Sep 2021 13:36

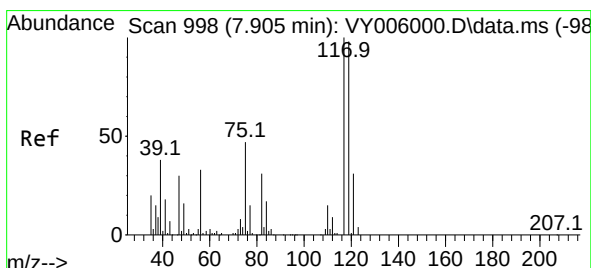
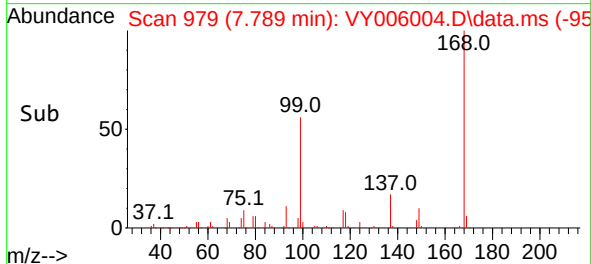
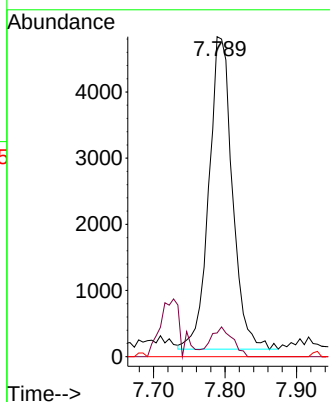
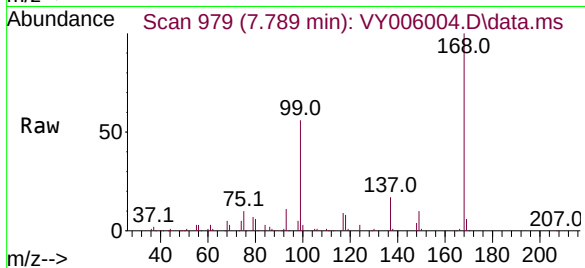
Instrument :

MSVOA_Y

ClientSampleId :

VY0914SBL01

Tgt Ion:	75	Resp:	10792
Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.1	51.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.152 ug/l

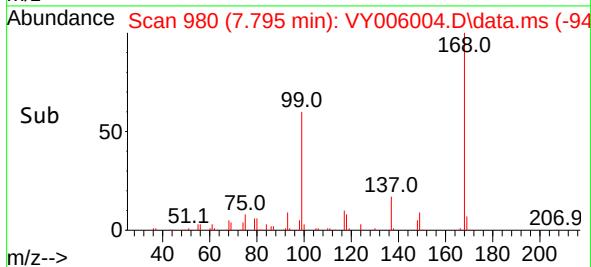
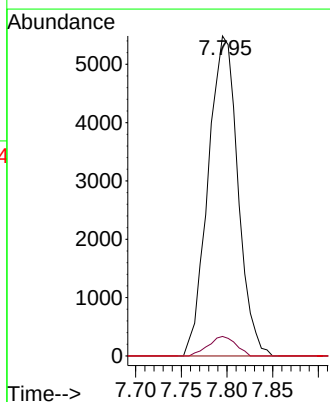
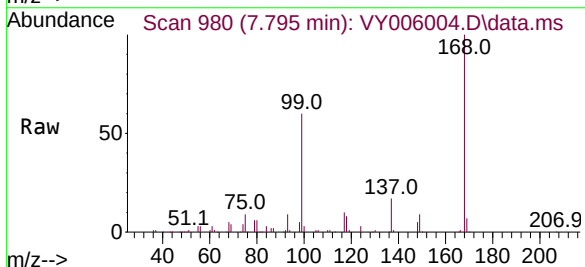
RT: 7.795 min Scan# 980

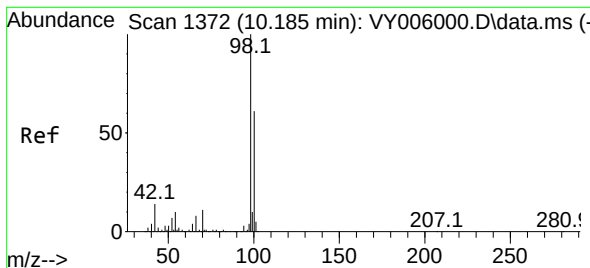
Delta R.T. -0.110 min

Lab File: VY006004.D

Acq: 14 Sep 2021 13:36

Tgt Ion:	117	Resp:	12448
Ion	Ratio	Lower	Upper
117	100		
119	6.1	77.9	116.9#
121	0.0	24.8	37.2#

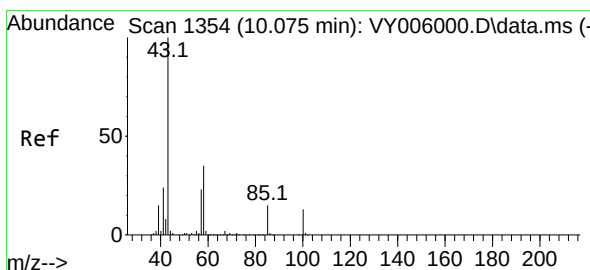
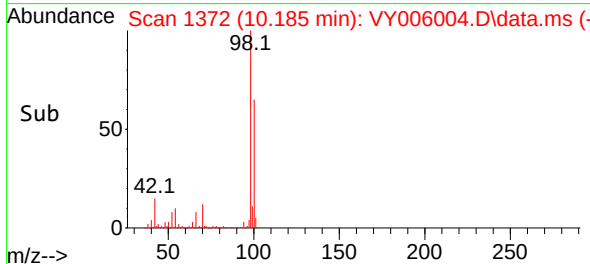
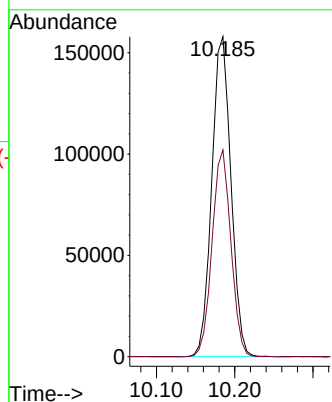
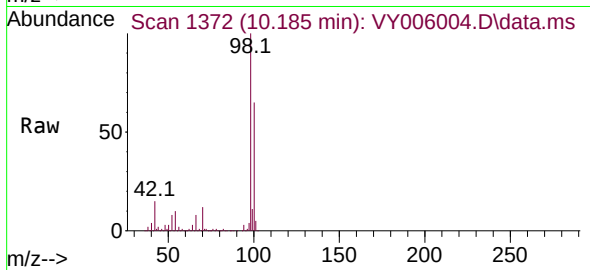




#50
Toluene-d8
Concen: 49.310 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006004.D
Acq: 14 Sep 2021 13:36

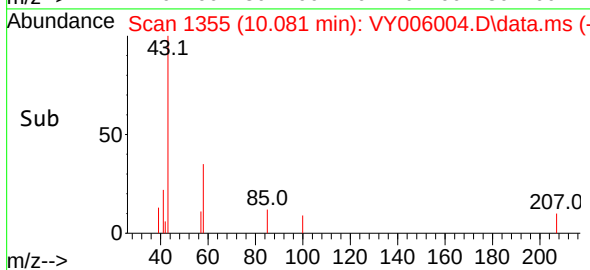
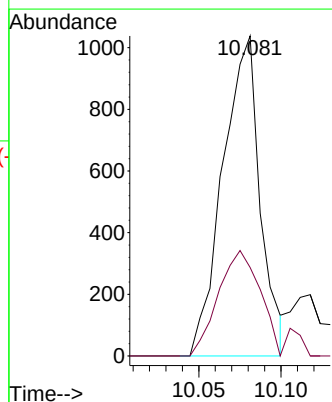
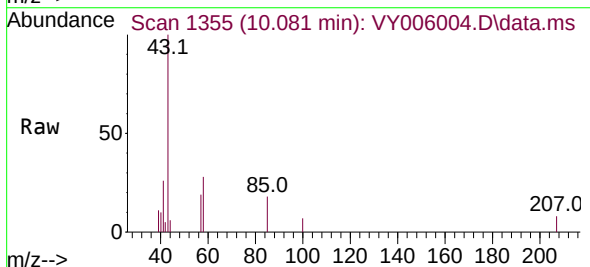
Instrument :
MSVOA_Y
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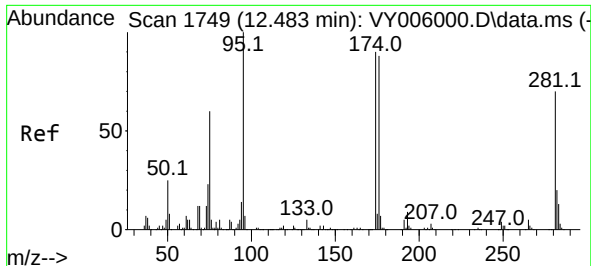
Tgt Ion: 98 Resp: 268396
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.076 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY006004.D
Acq: 14 Sep 2021 13:36

Tgt Ion: 43 Resp: 1638
Ion Ratio Lower Upper
43 100
58 36.9 28.1 42.1

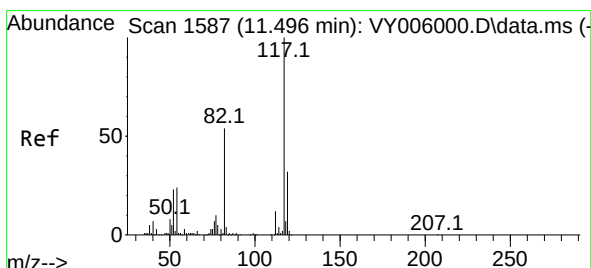
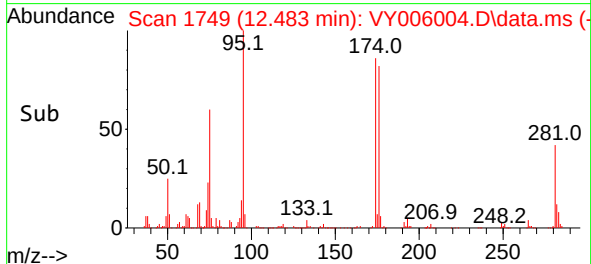
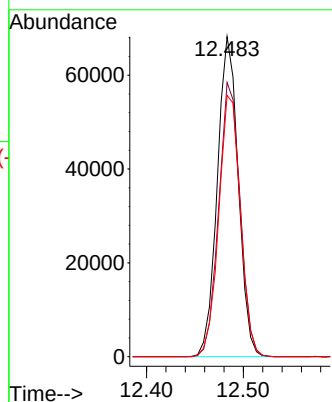
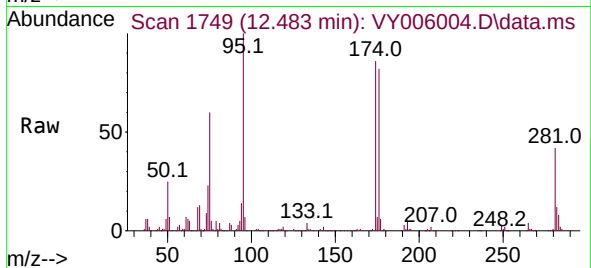




#62
4-Bromofluorobenzene
Concen: 55.357 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006004.D
Acq: 14 Sep 2021 13:36

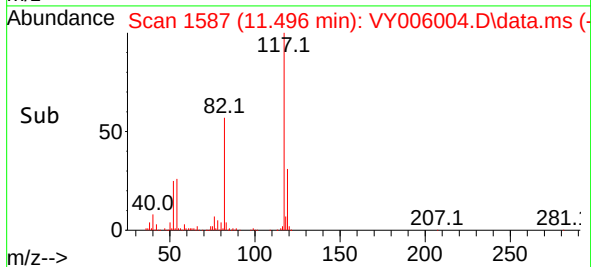
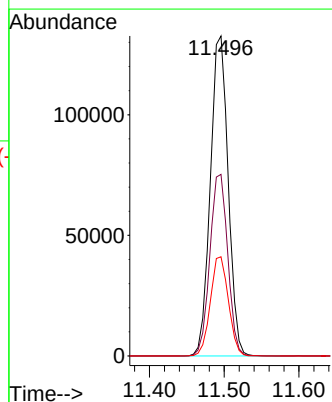
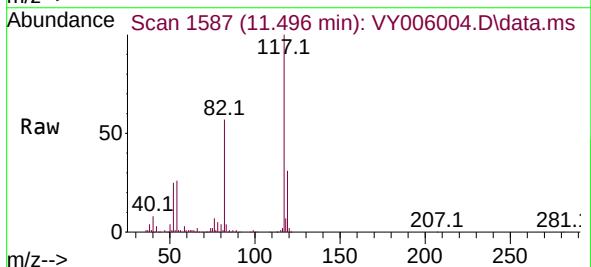
Instrument :
MSVOA_Y
ClientSampleId :
VY0914SBL01

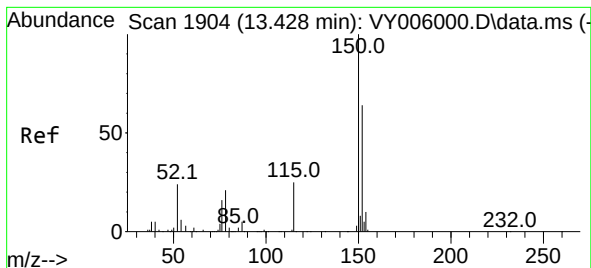
Tgt Ion: 95 Resp: 102299
Ion Ratio Lower Upper
95 100
174 87.6 0.0 177.0
176 84.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006004.D
Acq: 14 Sep 2021 13:36

Tgt Ion: 117 Resp: 220033
Ion Ratio Lower Upper
117 100
82 56.7 43.0 64.4
119 31.0 25.4 38.0

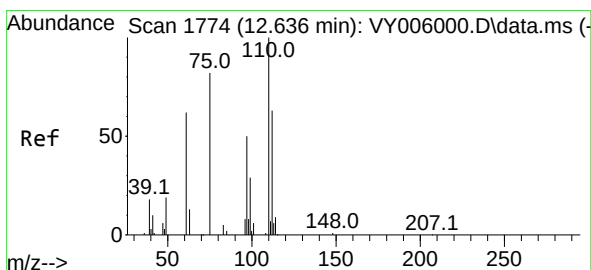
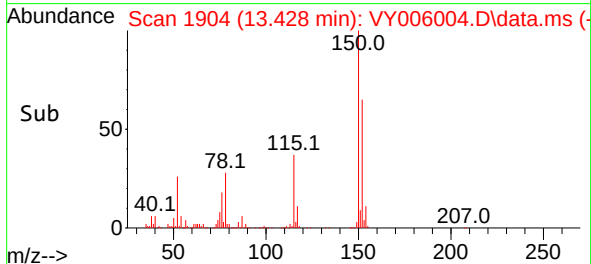
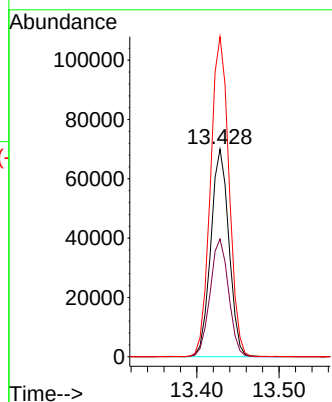
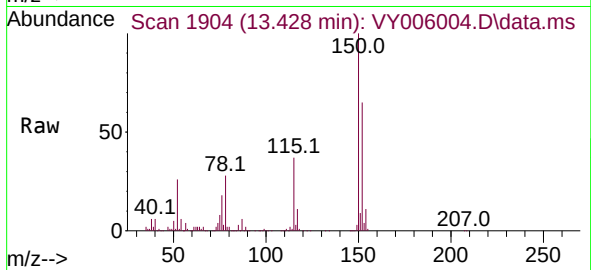




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006004.D
 Acq: 14 Sep 2021 13:36

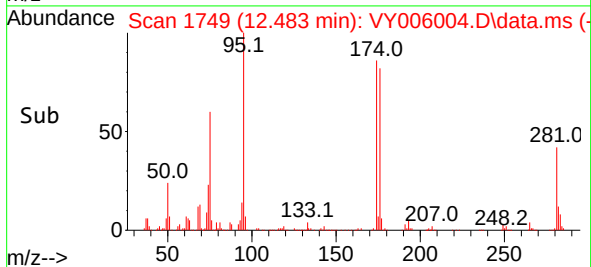
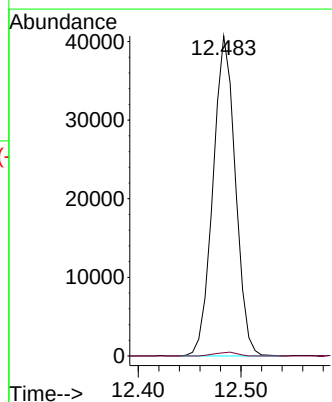
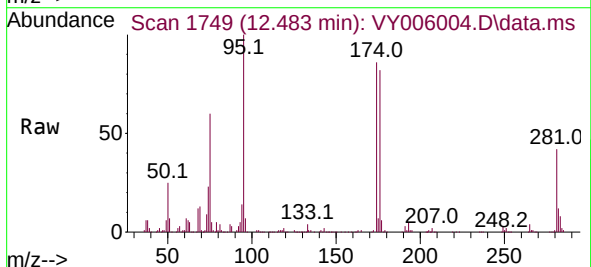
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0914SBL01

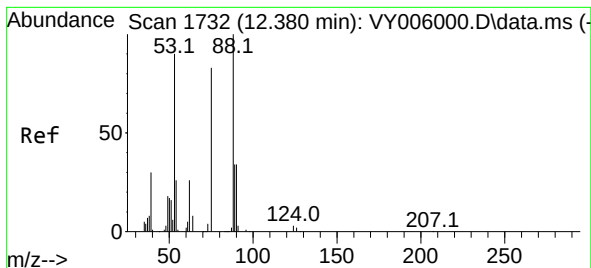
Tgt Ion:152 Resp: 107032
 Ion Ratio Lower Upper
 152 100
 115 57.8 28.2 84.7
 150 157.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 53.869 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006004.D
 Acq: 14 Sep 2021 13:36

Tgt Ion: 75 Resp: 61473
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#

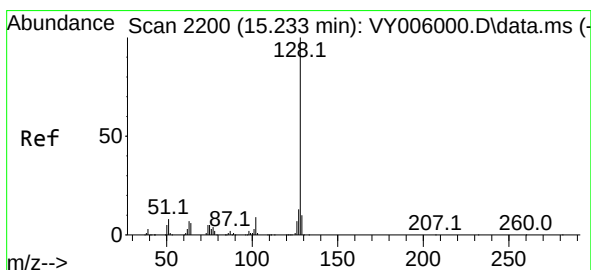
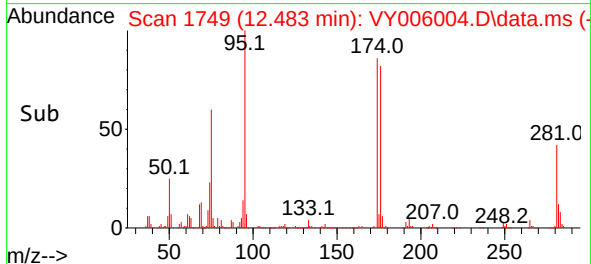
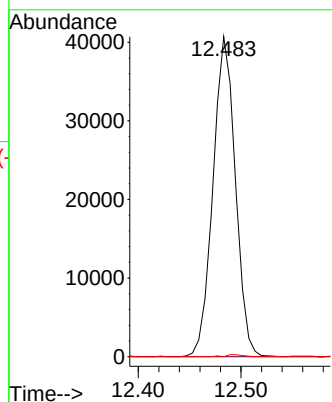
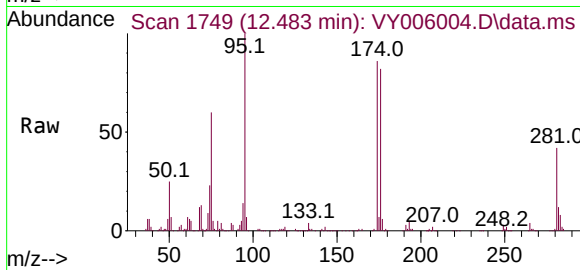




#81
trans-1,4-Dichloro-2-butene
Concen: 99.038 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006004.D
Acq: 14 Sep 2021 13:36

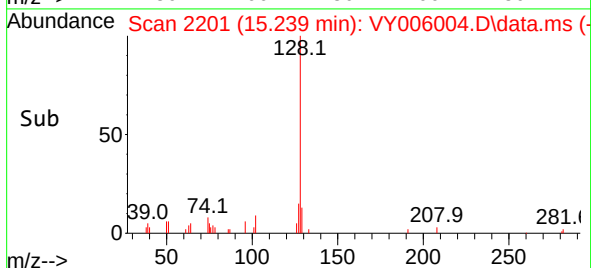
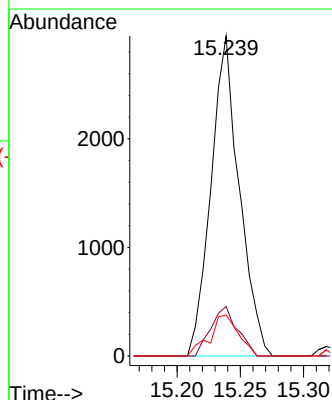
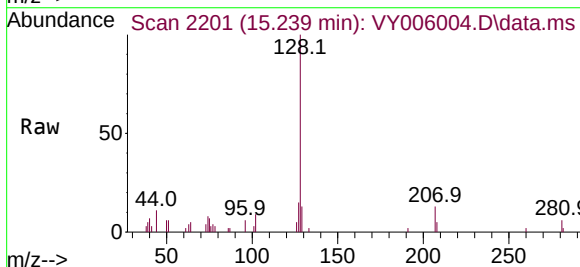
Instrument :
MSVOA_Y
ClientSampleId :
VY0914SBL01

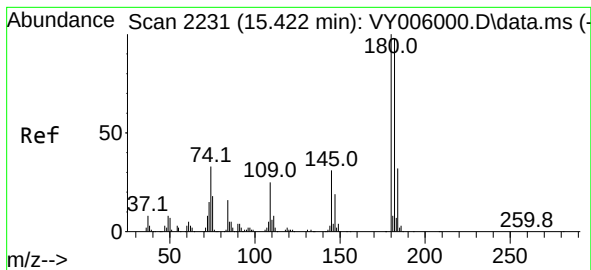
Tgt Ion: 75 Resp: 61473
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.5 37.0 55.4#



#95
Naphthalene
Concen: 1.073 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY006004.D
Acq: 14 Sep 2021 13:36

Tgt Ion: 128 Resp: 4589
Ion Ratio Lower Upper
128 100
127 14.5 11.0 16.4
129 12.9 8.4 12.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.200 ug/l
 RT: 15.428 min Scan# 2232
 Delta R.T. 0.006 min
 Lab File: VY006004.D
 Acq: 14 Sep 2021 13:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0914SBL01

Tgt Ion:180	Resp:	2235
Ion Ratio	Lower	Upper
180	100	
182	87.4	47.3 141.9
145	27.0	15.3 45.9

