

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042121\
 Data File : VY004563.D
 Acq On : 21 Apr 2021 18:06
 Operator : SY/MD
 Sample : M2099-07
 Misc : 5.94G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 22 11:20:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

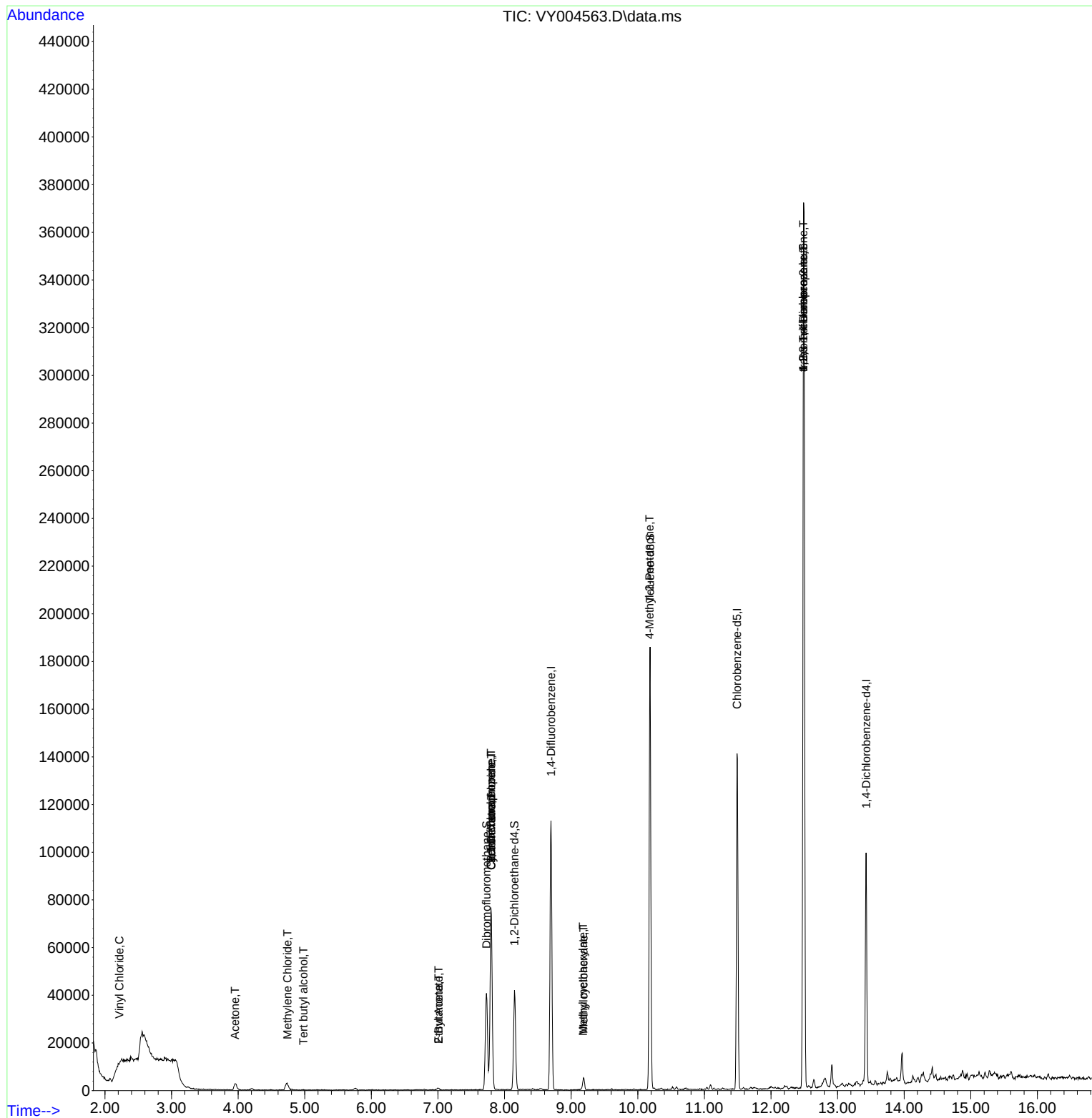
Internal Standards						
1) Pentafluorobenzene	7.795	168	56490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	91841	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	73176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	23476	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	31768	50.62	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.24%
35) Dibromofluoromethane	7.728	113	28429	55.78	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.56%
50) Toluene-d8	10.185	98	111397	51.38	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.76%
62) 4-Bromofluorobenzene	12.483	95	27320	37.14	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.28%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.217	62	5579	6.98	ug/l #	43
11) Tert butyl alcohol	4.979	59	65	1.05	ug/l #	73
16) Acetone	3.954	43	5035	20.11	ug/l #	83
20) Methylene Chloride	4.741	84	1905	3.14	ug/l #	87
25) 2-Butanone	7.009	43	1469	6.14	ug/l #	83
31) Cyclohexane	7.801	56	2278	1.98	ug/l #	57
36) 1,1-Dichloropropene	7.795	75	4754	5.21	ug/l #	52
37) Ethyl Acetate	7.009	43	1469	2.50	ug/l #	70
38) Carbon Tetrachloride	7.801	117	5550	7.03	ug/l #	18
39) Methylcyclohexane	9.185	83	2005	1.78	ug/l	96
48) Methyl methacrylate	9.179	41	1205	2.35	ug/l #	71
51) 4-Methyl-2-Pentanone	10.179	43	677	1.18	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	18587	73.77	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	18587	131.97	ug/l #	15

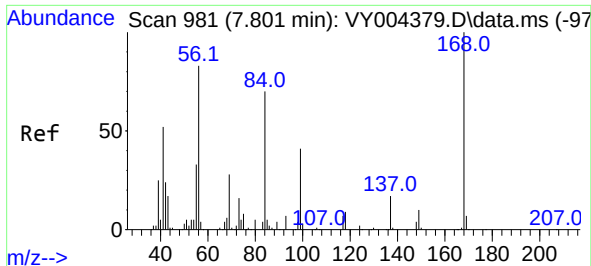
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042121\
Data File : VY004563.D
Acq On : 21 Apr 2021 18:06
Operator : SY/MD
Sample : M2099-07
Misc : 5.94G/5ML/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 22 11:20:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration

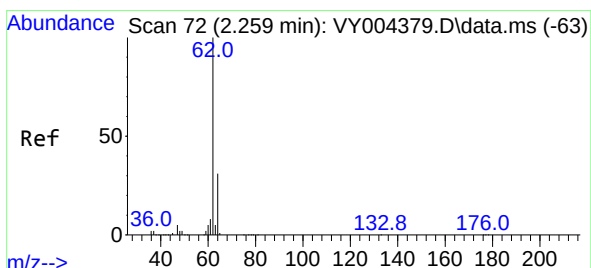
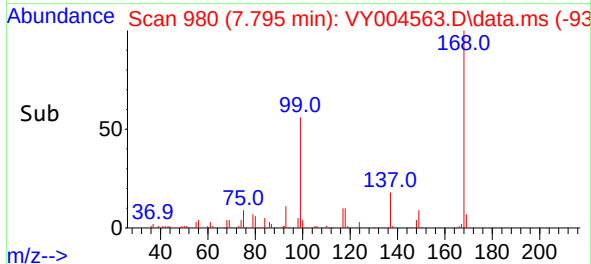
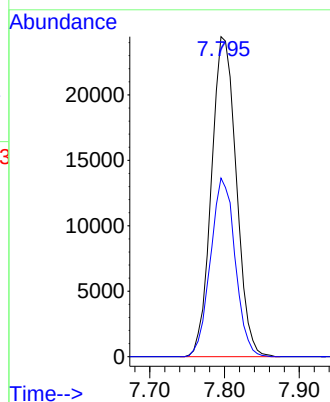
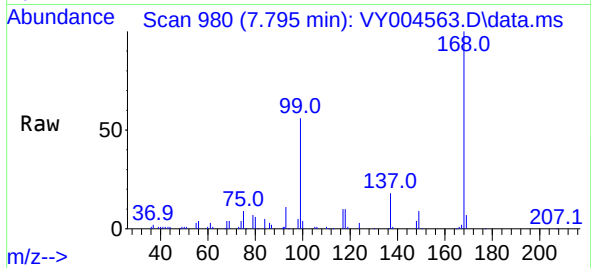




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004563.D
Acq: 21 Apr 2021 18:06

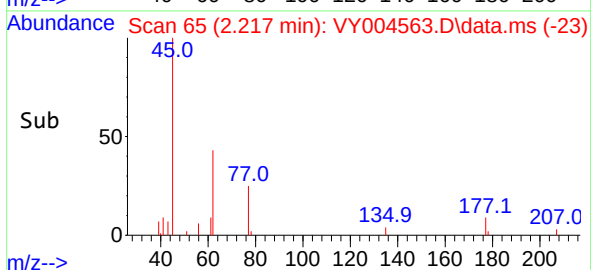
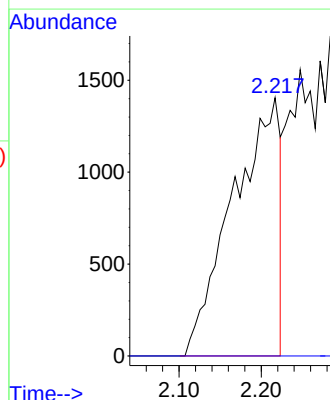
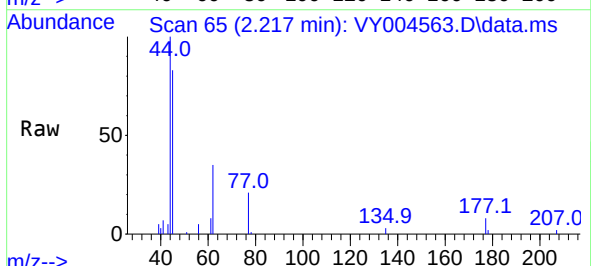
Instrument :
MSVOA_Y
ClientSampleId :

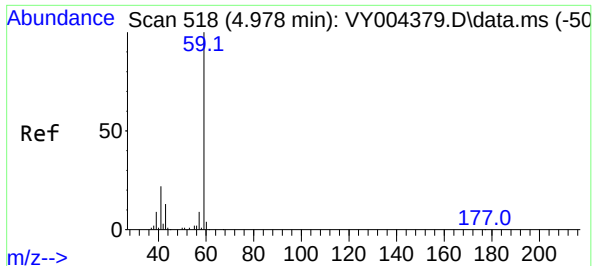
Tgt Ion:168 Resp: 56490
Ion Ratio Lower Upper
168 100
99 55.8 45.5 68.3



#4
Vinyl Chloride
Concen: 6.98 ug/l
RT: 2.217 min Scan# 65
Delta R.T. -0.042 min
Lab File: VY004563.D
Acq: 21 Apr 2021 18:06

Tgt Ion: 62 Resp: 5579
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



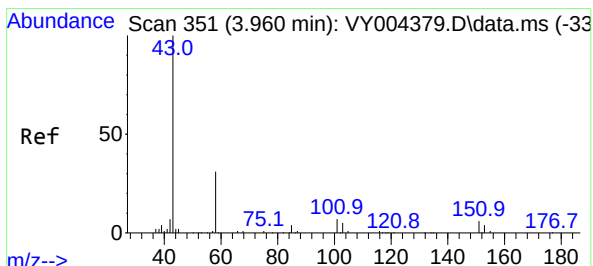
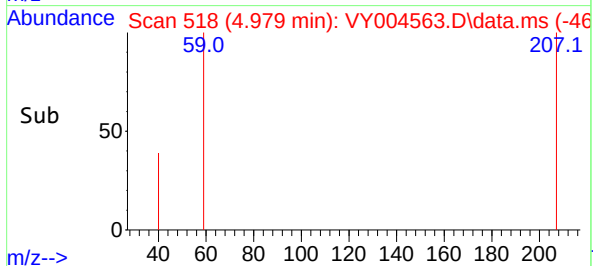
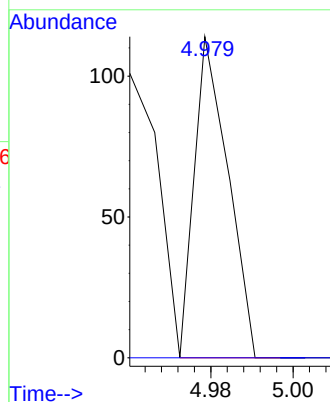
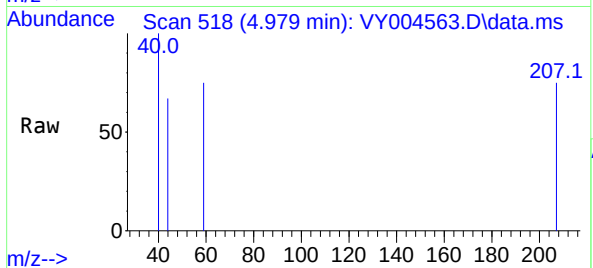


#11

Tert butyl alcohol
Concen: 1.05 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY004563.D
Acq: 21 Apr 2021 18:06

Instrument :
MSVOA_Y
ClientSampled :

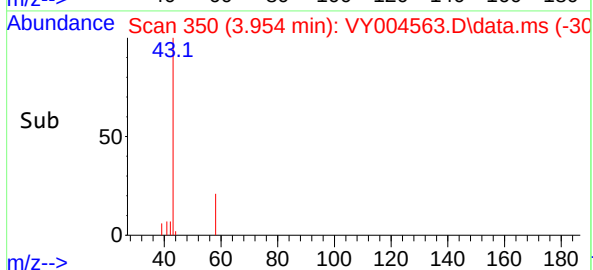
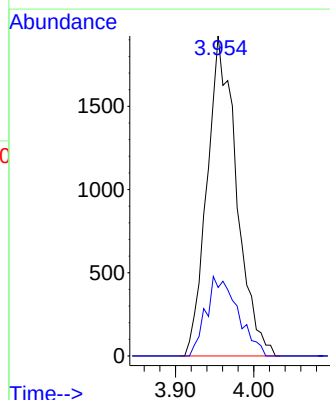
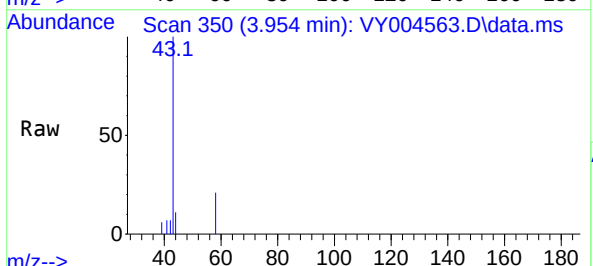
Tgt Ion: 59 Resp: 65
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

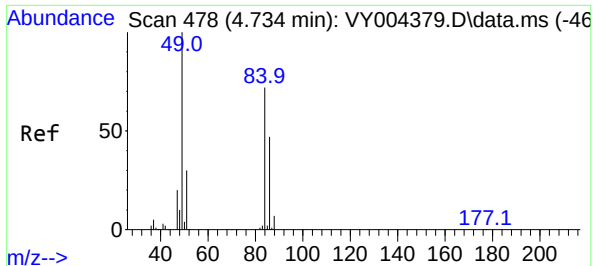


#16

Acetone
Concen: 20.11 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004563.D
Acq: 21 Apr 2021 18:06

Tgt Ion: 43 Resp: 5035
Ion Ratio Lower Upper
43 100
58 21.4 24.6 37.0#



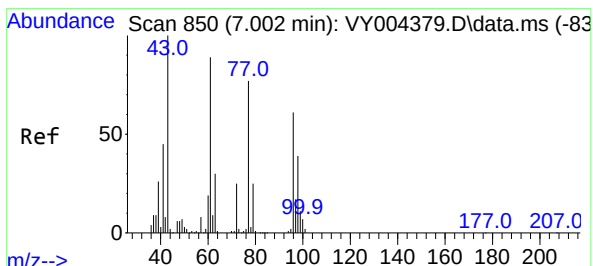
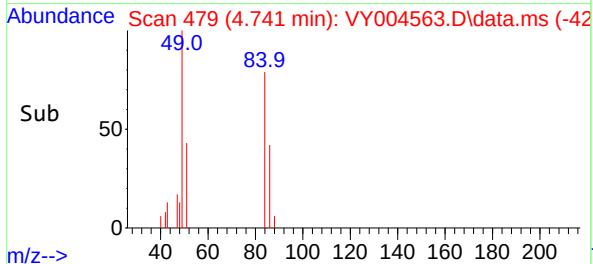
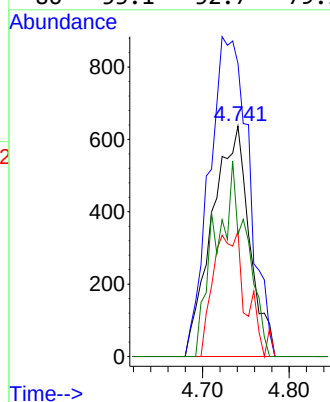
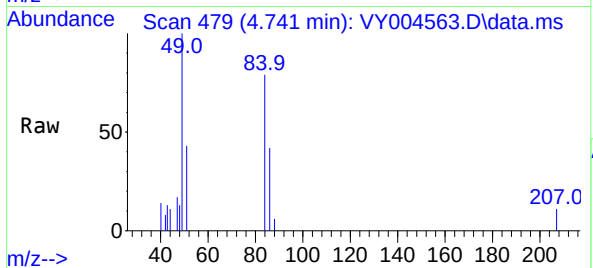


#20
Methylene Chloride
Concen: 3.14 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY004563.D
Acq: 21 Apr 2021 18:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 1905

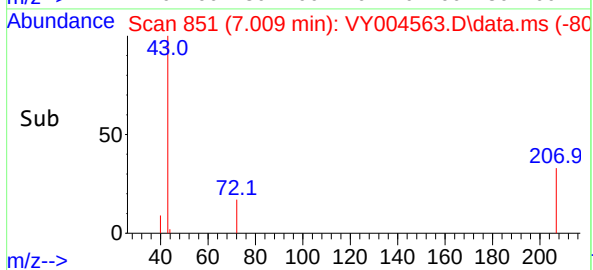
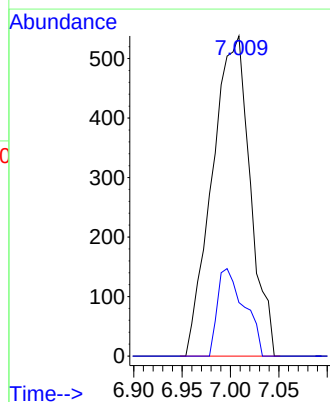
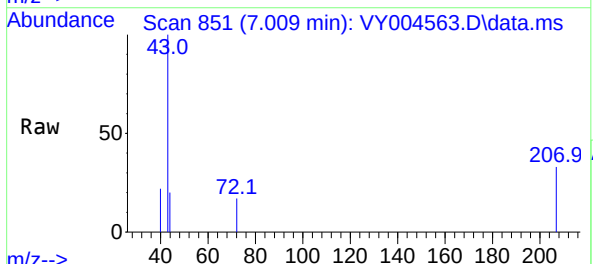
Ion	Ratio	Lower	Upper
84	100		
49	127.2	111.2	166.8
51	54.3	33.4	50.2#
86	53.1	52.7	79.1

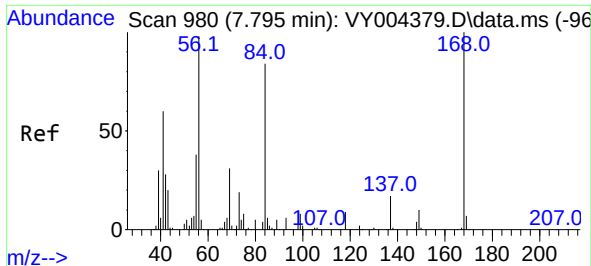


#25
2-Butanone
Concen: 6.14 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY004563.D
Acq: 21 Apr 2021 18:06

Tgt Ion: 43 Resp: 1469

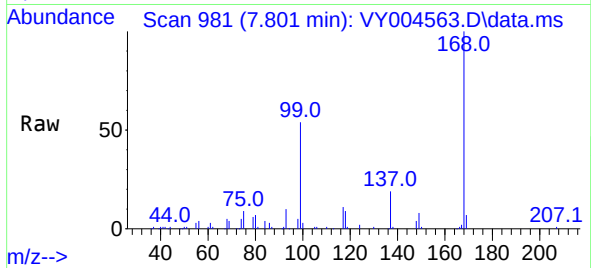
Ion	Ratio	Lower	Upper
43	100		
72	16.7	20.2	30.2#



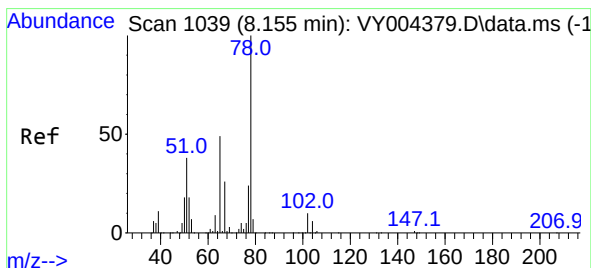
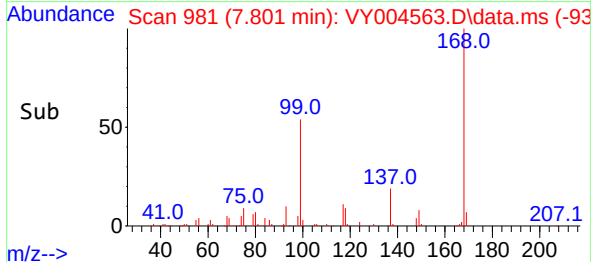
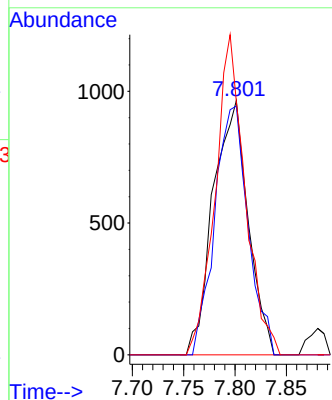


#31
Cyclohexane
Concen: 1.98 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004563.D
Acq: 21 Apr 2021 18:06

Instrument :
MSVOA_Y
ClientSampleId :

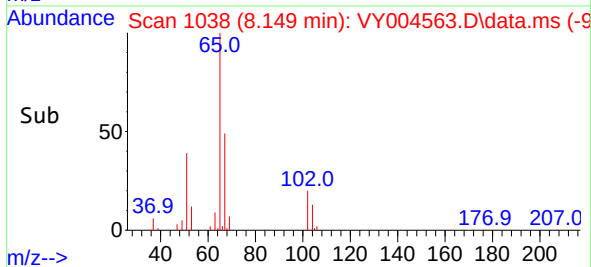
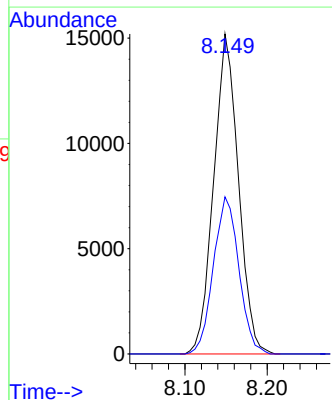
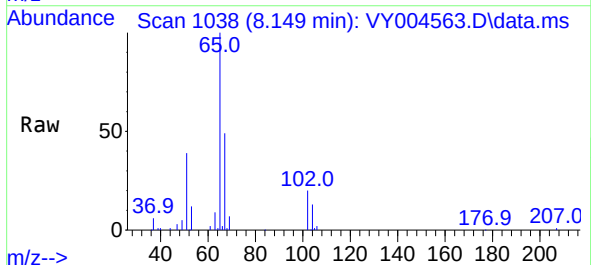


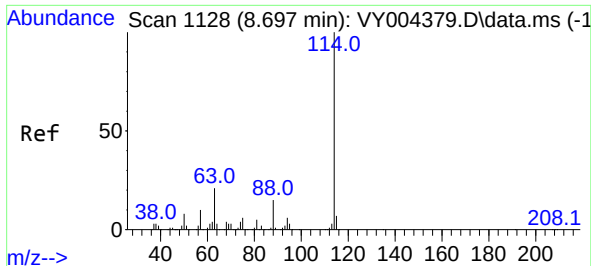
Tgt Ion: 56 Resp: 2278
Ion Ratio Lower Upper
56 100
69 97.8 25.8 38.6#
84 99.5 68.2 102.4



#33
1,2-Dichloroethane-d4
Concen: 50.62 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004563.D
Acq: 21 Apr 2021 18:06

Tgt Ion: 65 Resp: 31768
Ion Ratio Lower Upper
65 100
67 50.6 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

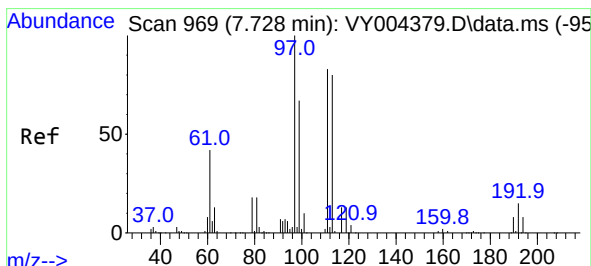
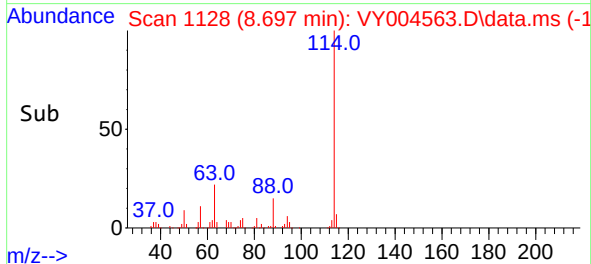
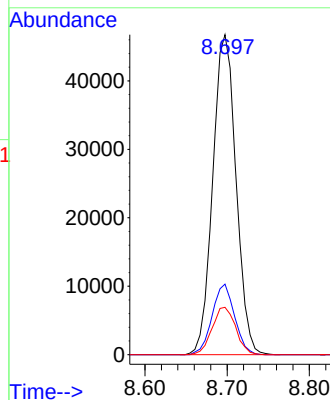
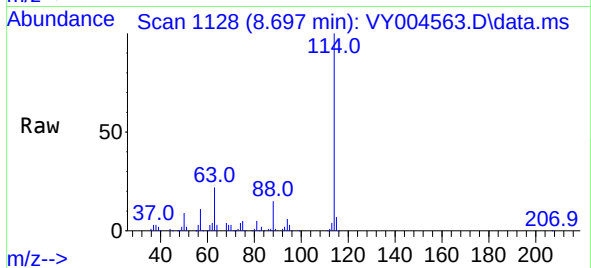
Delta R.T. 0.000 min

Lab File: VY004563.D

Acq: 21 Apr 2021 18:06

Tgt Ion:	114	Resp:	91841
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	42.4
88	14.8	0.0	30.8

Instrument :
MSVOA_Y
ClientSampled :



#35

Dibromofluoromethane

Concen: 55.78 ug/l

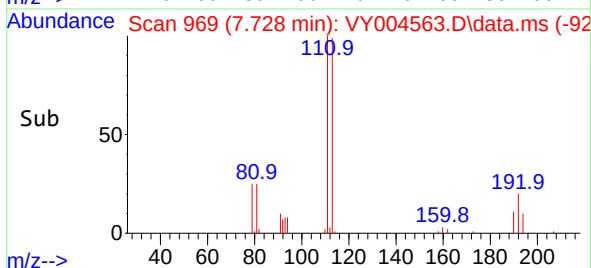
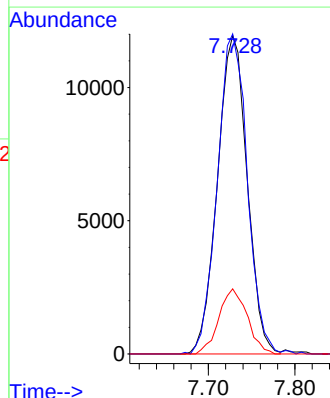
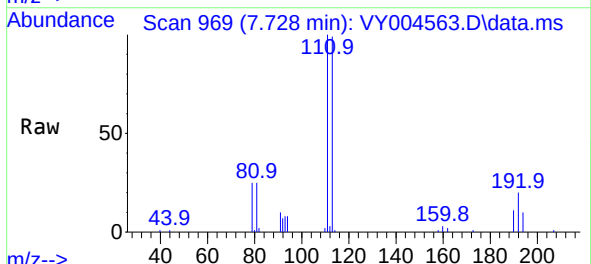
RT: 7.728 min Scan# 969

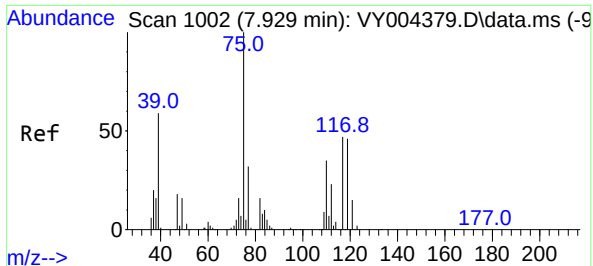
Delta R.T. 0.000 min

Lab File: VY004563.D

Acq: 21 Apr 2021 18:06

Tgt Ion:	113	Resp:	28429
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.6	123.8
192	19.6	16.1	24.1

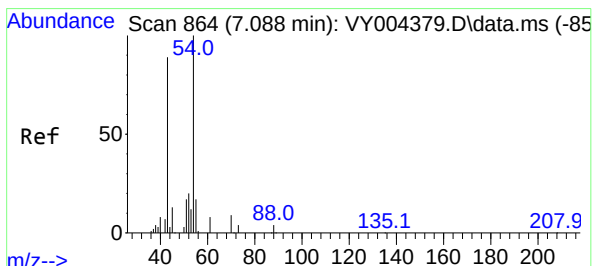
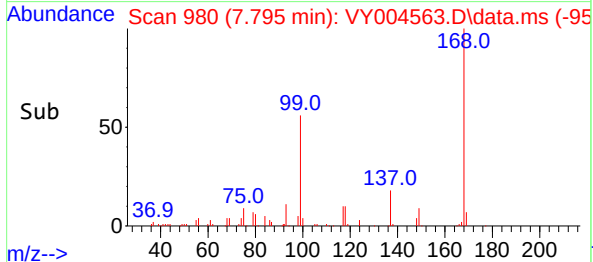
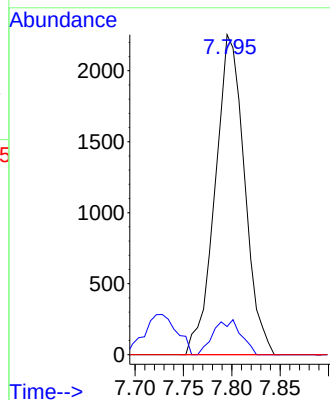
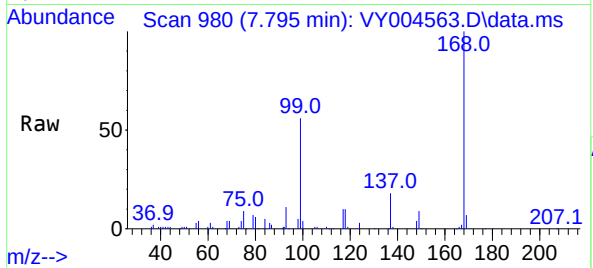




#36
1,1-Dichloropropene
Concen: 5.21 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004563.D
Acq: 21 Apr 2021 18:06

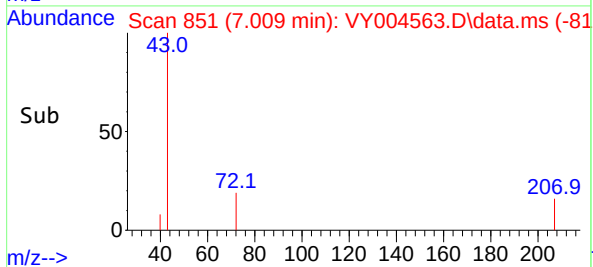
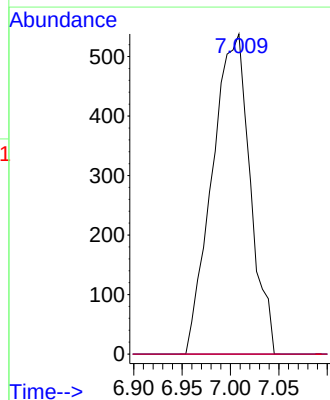
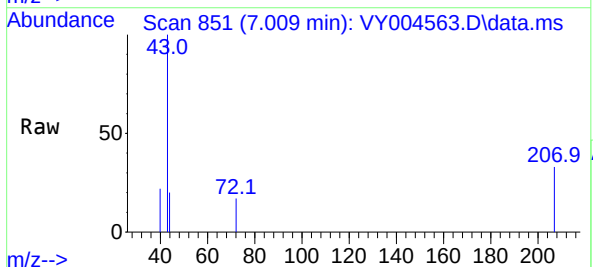
Instrument :
MSVOA_Y
ClientSampleId :

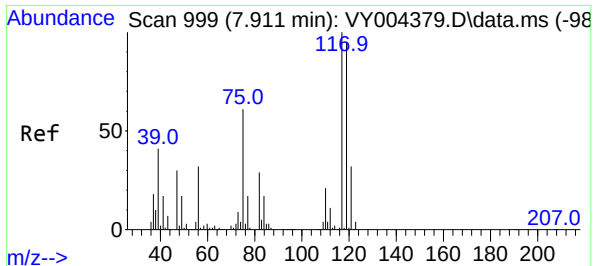
Tgt Ion: 75 Resp: 4754
Ion Ratio Lower Upper
75 100
110 10.3 17.3 51.7#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 2.50 ug/l
RT: 7.009 min Scan# 851
Delta R.T. -0.079 min
Lab File: VY004563.D
Acq: 21 Apr 2021 18:06

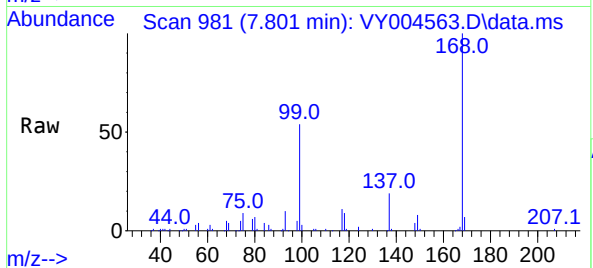
Tgt Ion: 43 Resp: 1469
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6#
70 0.0 7.5 11.3#



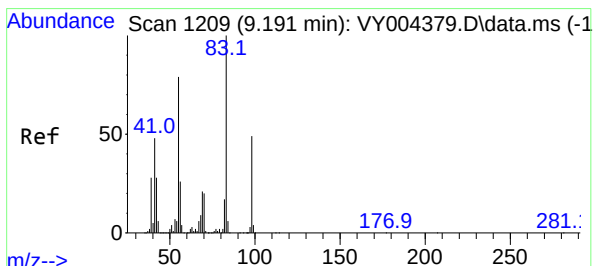
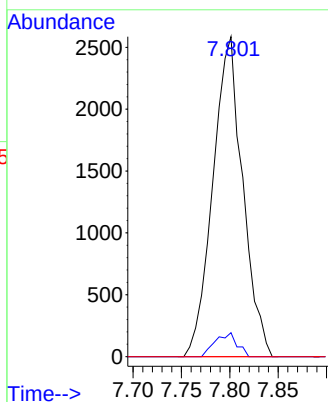
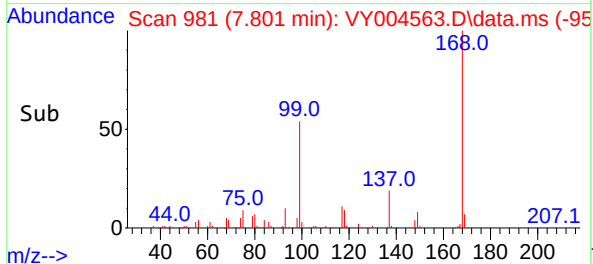


#38
Carbon Tetrachloride
Concen: 7.03 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.109 min
Lab File: VY004563.D
Acq: 21 Apr 2021 18:06

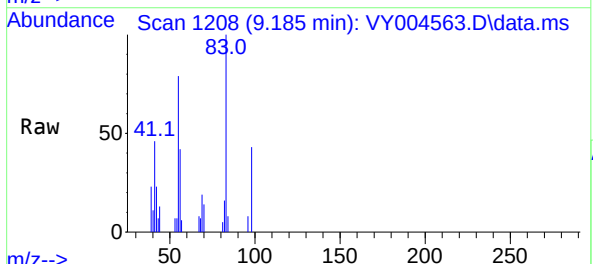
Instrument :
MSVOA_Y
ClientSampleId :



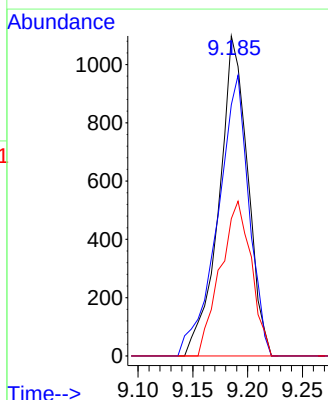
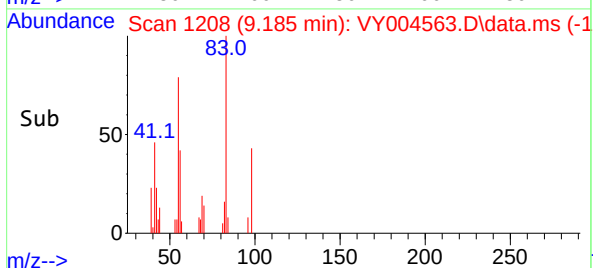
Tgt Ion:117 Resp: 5550
Ion Ratio Lower Upper
117 100
119 7.5 75.8 113.8#
121 0.0 25.3 37.9#

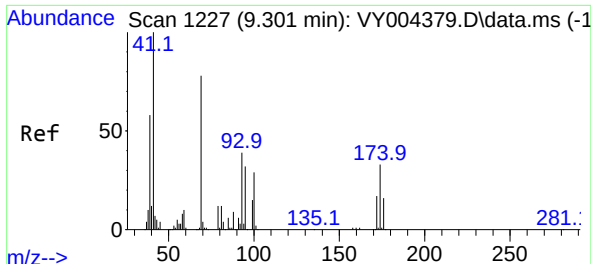


#39
Methylcyclohexane
Concen: 1.78 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY004563.D
Acq: 21 Apr 2021 18:06



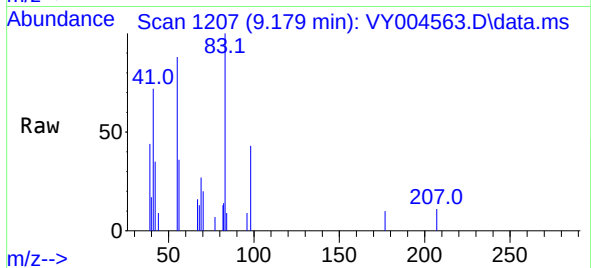
Tgt Ion: 83 Resp: 2005
Ion Ratio Lower Upper
83 100
55 78.5 63.0 94.4
98 42.9 39.2 58.8



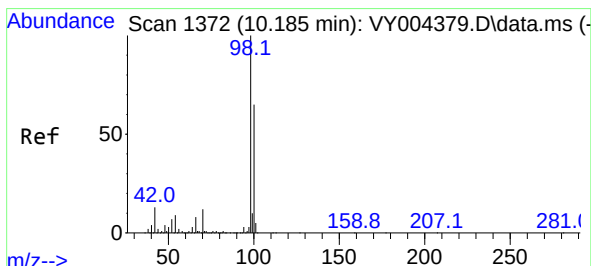
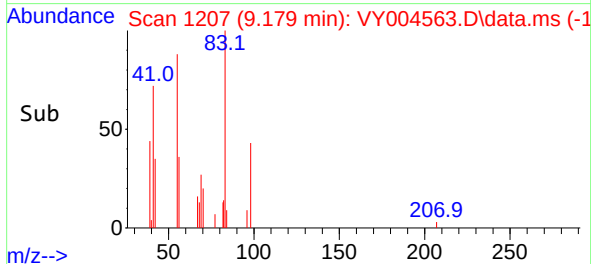
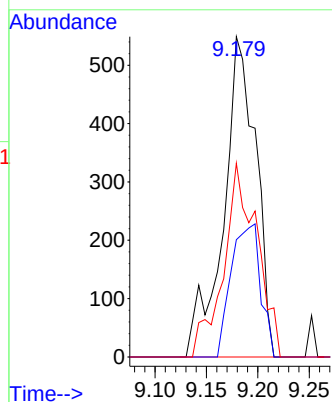


#48
Methyl methacrylate
Concen: 2.35 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.122 min
Lab File: VY004563.D
Acq: 21 Apr 2021 18:06

Instrument :
MSVOA_Y
ClientSampled :

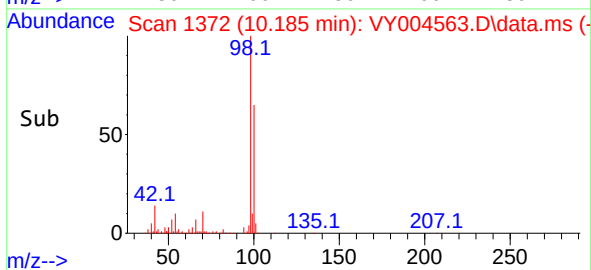
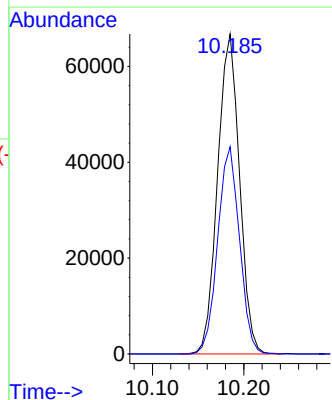
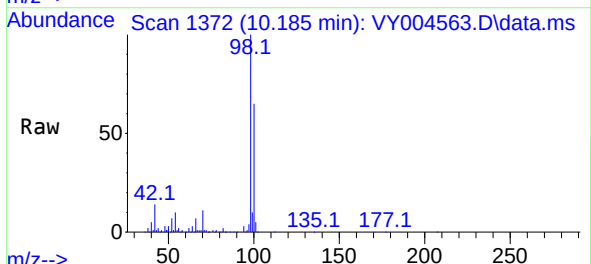


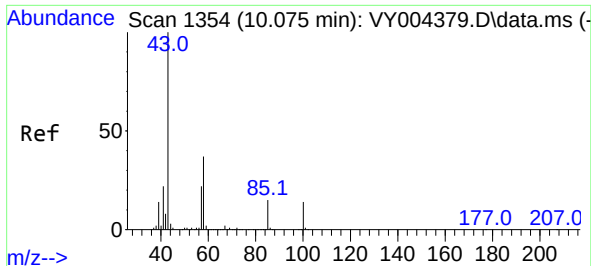
Tgt Ion: 41 Resp: 1205
Ion Ratio Lower Upper
41 100
69 37.5 62.6 94.0#
39 62.2 47.2 70.8



#50
Toluene-d8
Concen: 51.38 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004563.D
Acq: 21 Apr 2021 18:06

Tgt Ion: 98 Resp: 111397
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6

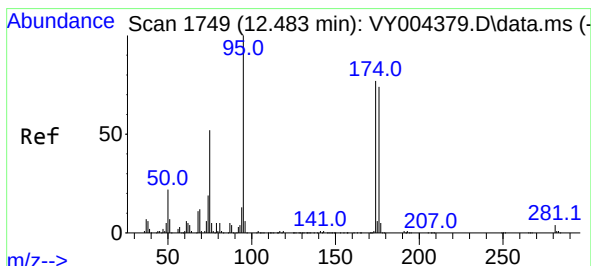
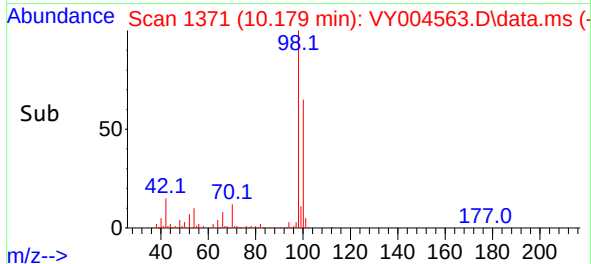
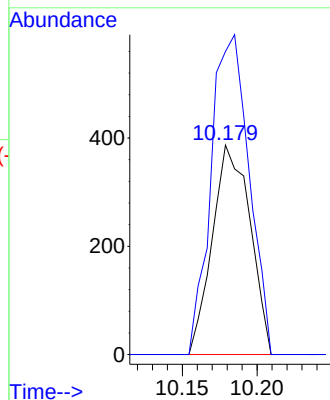
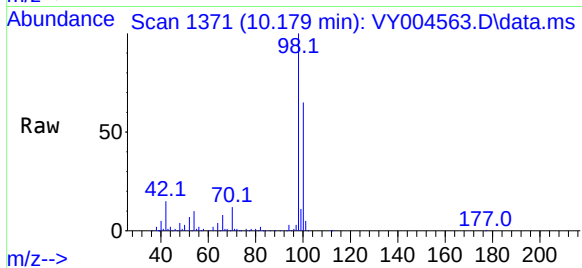




#51
4-Methyl-2-Pentanone
Concen: 1.18 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY004563.D
Acq: 21 Apr 2021 18:06

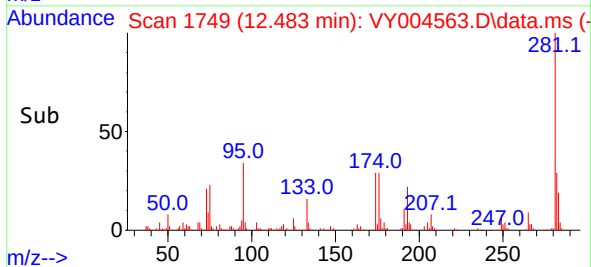
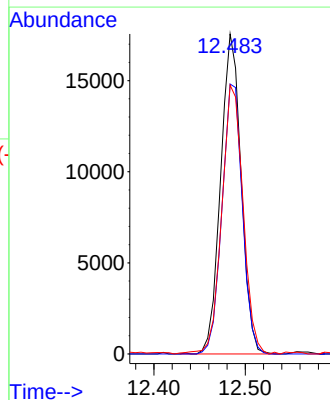
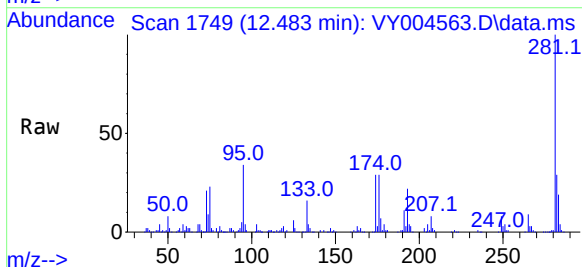
Instrument :
MSVOA_Y
ClientSampled :

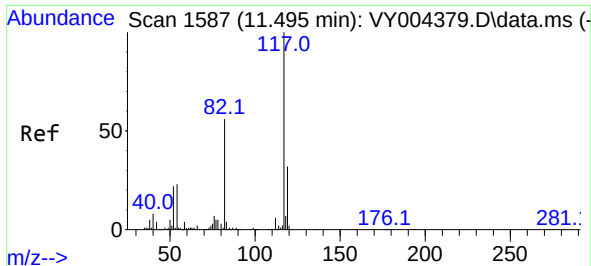
Tgt Ion: 43 Resp: 677
Ion Ratio Lower Upper
43 100
58 154.4 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 37.14 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004563.D
Acq: 21 Apr 2021 18:06

Tgt Ion: 95 Resp: 27320
Ion Ratio Lower Upper
95 100
174 83.8 0.0 162.4
176 87.3 0.0 156.0

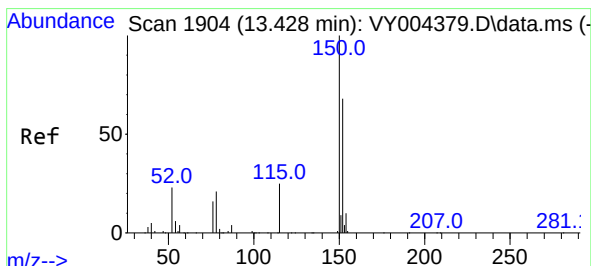
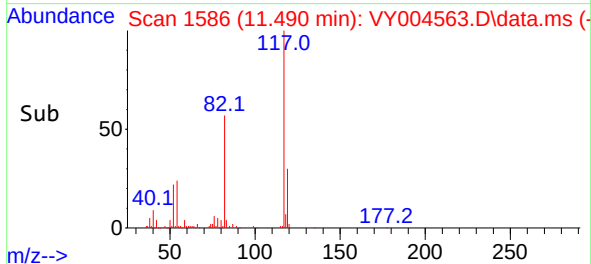
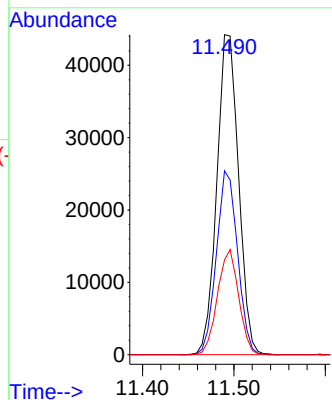
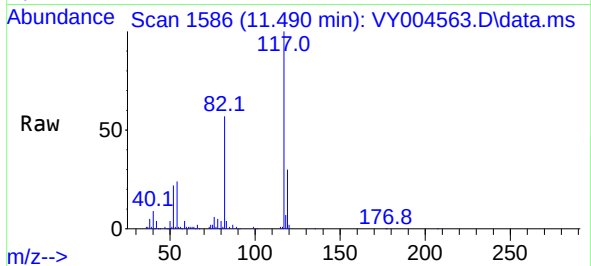




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004563.D
Acq: 21 Apr 2021 18:06

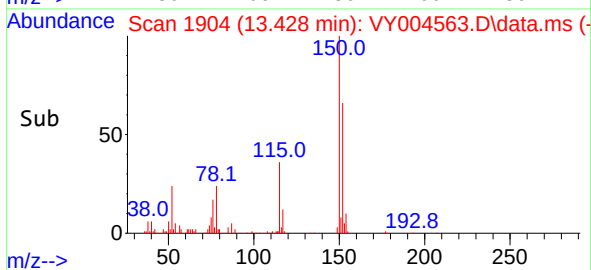
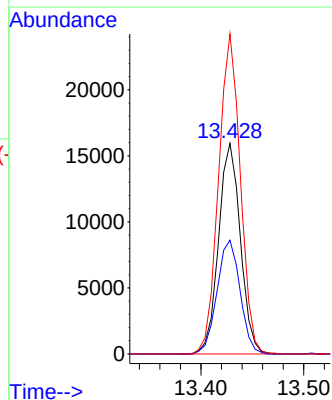
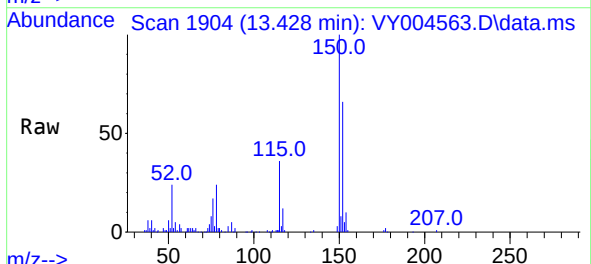
Instrument :
MSVOA_Y
ClientSampleId :

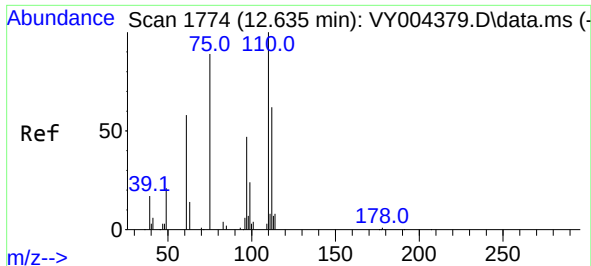
Tgt Ion:	117	Resp:	73176
Ion	Ratio	Lower	Upper
117	100		
82	57.4	44.9	67.3
119	29.6	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004563.D
Acq: 21 Apr 2021 18:06

Tgt Ion:	152	Resp:	23476
Ion	Ratio	Lower	Upper
152	100		
115	57.0	29.6	88.8
150	151.4	0.0	348.4

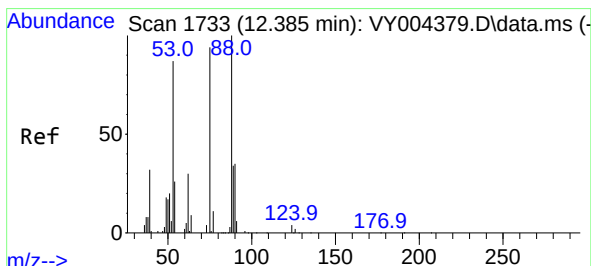
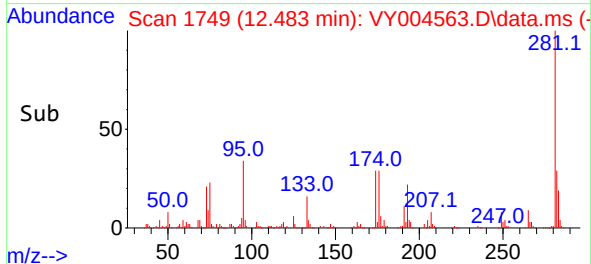
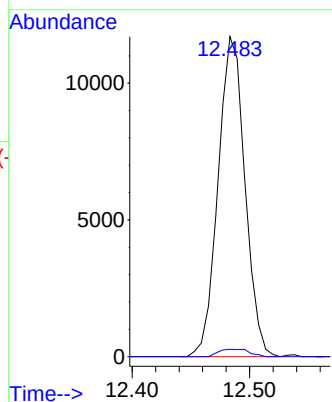
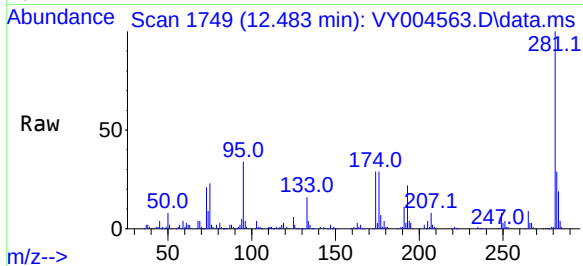




#76
1,2,3-Trichloropropane
Concen: 73.77 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004563.D
Acq: 21 Apr 2021 18:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 18587
Ion Ratio Lower Upper
75 100
77 2.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 131.97 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004563.D
Acq: 21 Apr 2021 18:06

Tgt Ion: 75 Resp: 18587
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 5.5 36.1 54.1#

