

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092921\
 Data File : VY006221.D
 Acq On : 29 Sep 2021 18:25
 Operator : SY/MD
 Sample : M3966-04
 Misc : 7.53G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 30 07:34:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

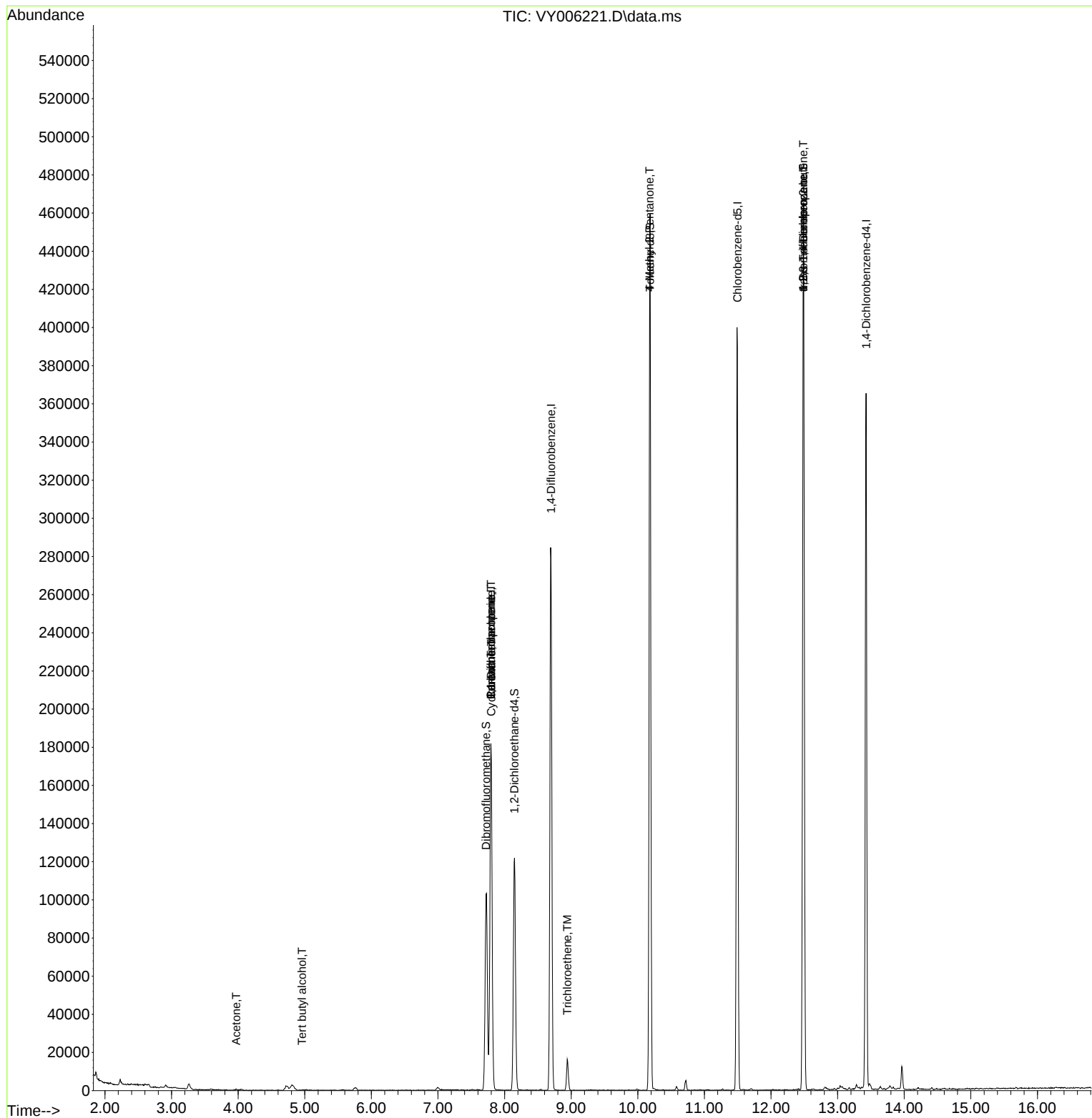
Internal Standards						
1) Pentafluorobenzene	7.795	168	143996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	235898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	210589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	99893	64.816	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 129.640%		
35) Dibromofluoromethane	7.722	113	70221	55.717	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 111.440%		
50) Toluene-d8	10.185	98	290955	55.161	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 110.320%		
62) 4-Bromofluorobenzene	12.483	95	89041	49.692	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 99.380%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	190	1.409	ug/l #	77
16) Acetone	3.973	43	761	1.768	ug/l	95
20) Methylene Chloride	4.716	84	1516	Below Cal	#	92
31) Cyclohexane	7.801	56	3093	1.059	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	11194	4.769	ug/l #	51
38) Carbon Tetrachloride	7.795	117	13887	5.603	ug/l #	16
44) Trichloroethene	8.941	130	5334	3.102	ug/l	98
51) 4-Methyl-2-Pentanone	10.179	43	1425	1.047	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	51669	58.593	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51669	115.144	ug/l #	8

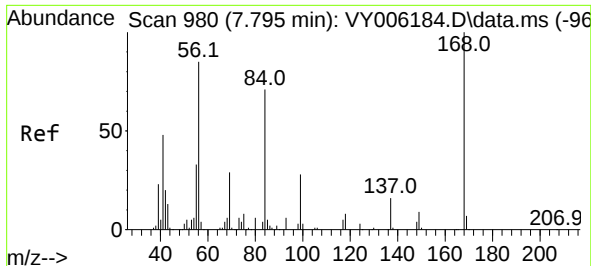
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092921\
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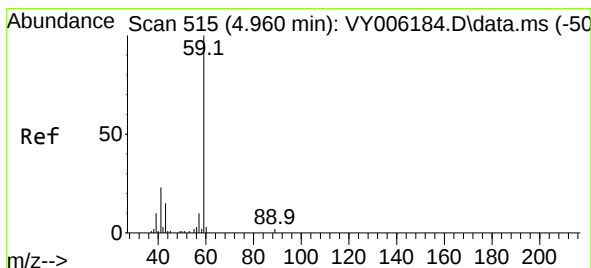
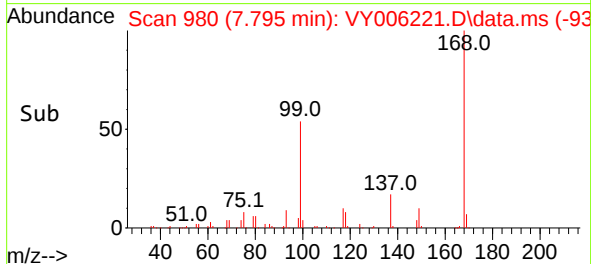
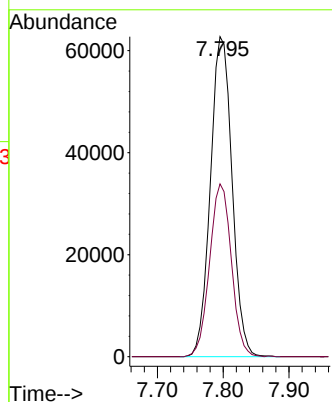
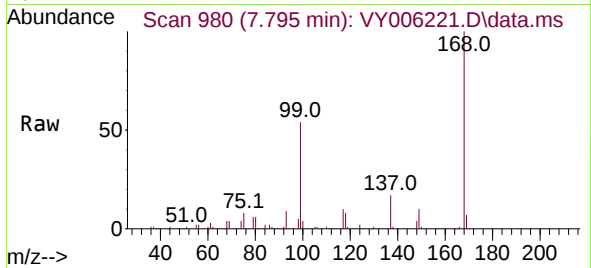




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006221.D
Acq: 29 Sep 2021 18:25

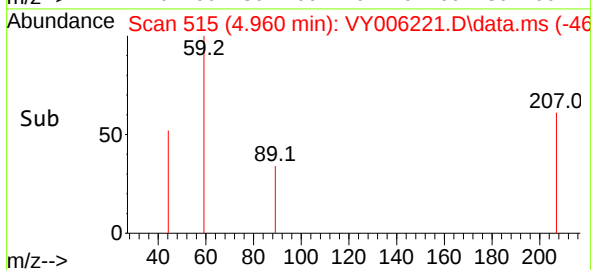
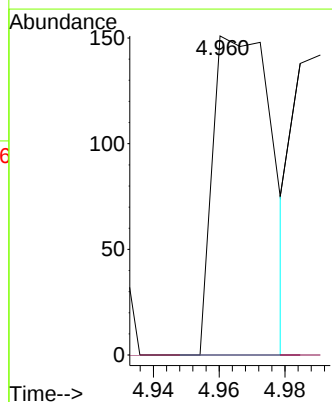
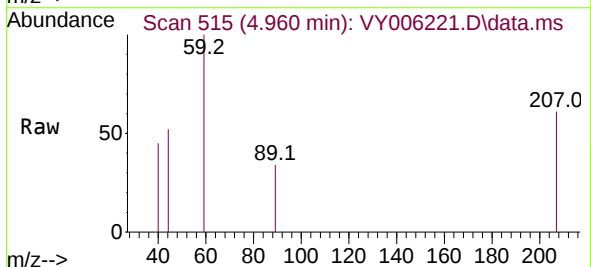
Instrument :
MSVOA_Y
ClientSampleId :

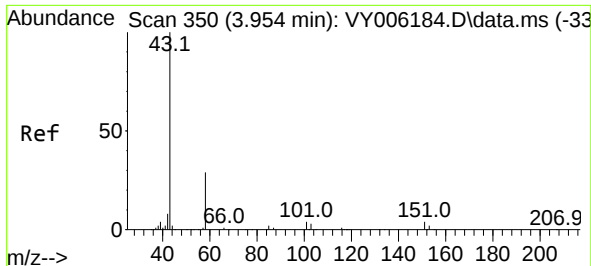
Tgt Ion:168 Resp: 143996
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.409 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY006221.D
Acq: 29 Sep 2021 18:25

Tgt Ion: 59 Resp: 190
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

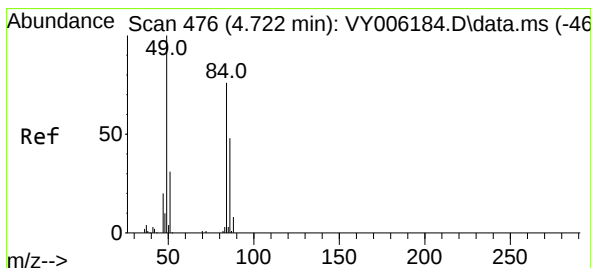
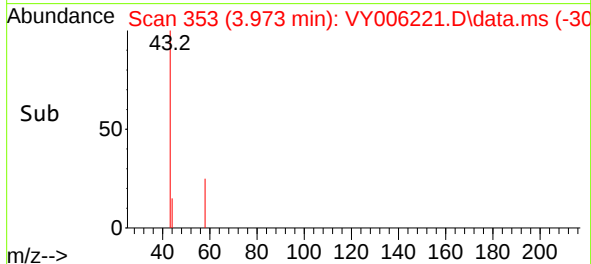
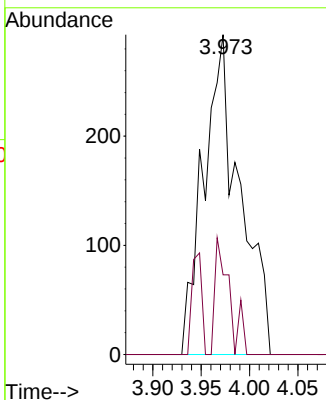
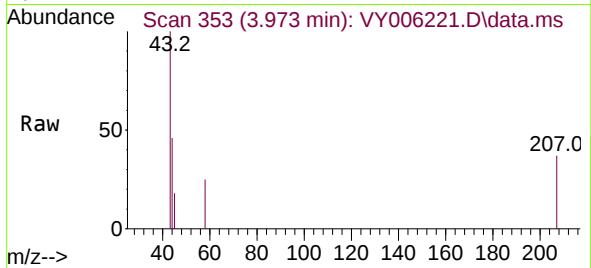




#16
Acetone
Concen: 1.768 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.019 min
Lab File: VY006221.D
Acq: 29 Sep 2021 18:25

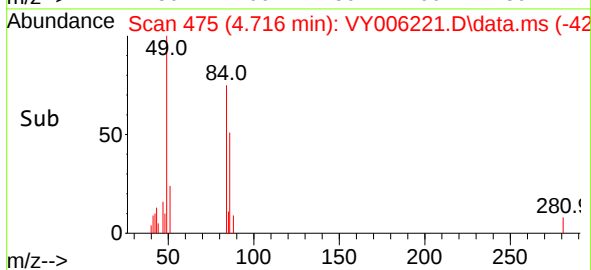
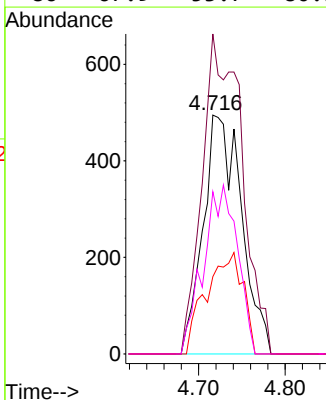
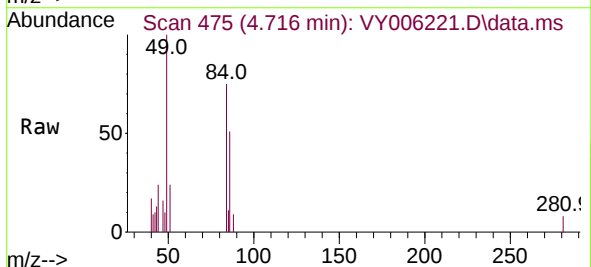
Instrument :
MSVOA_Y
ClientSampleId :

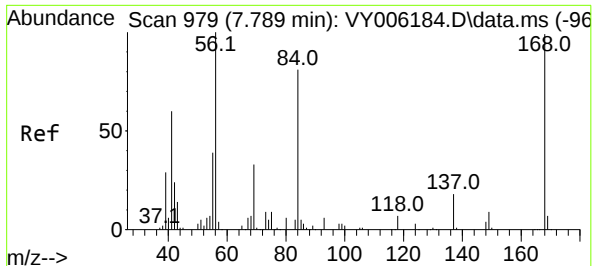
Tgt Ion: 43 Resp: 761
Ion Ratio Lower Upper
43 100
58 24.9 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY006221.D
Acq: 29 Sep 2021 18:25

Tgt Ion: 84 Resp: 1516
Ion Ratio Lower Upper
84 100
49 133.9 114.4 171.6
51 32.3 35.3 52.9#
86 67.9 53.7 80.5

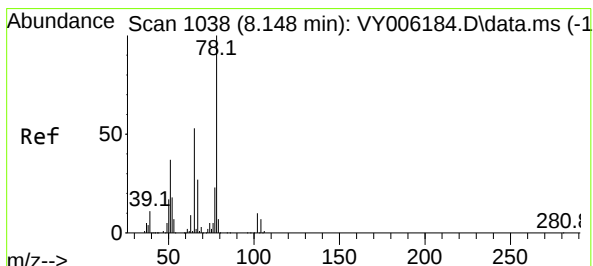
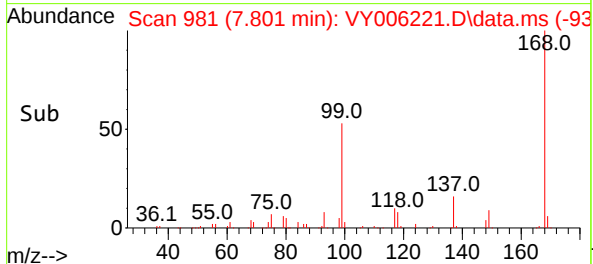
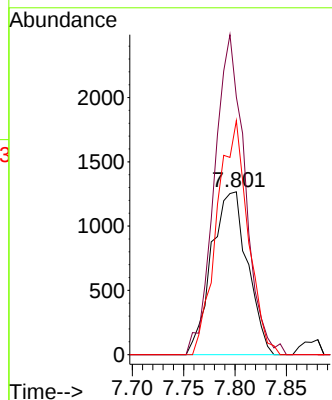
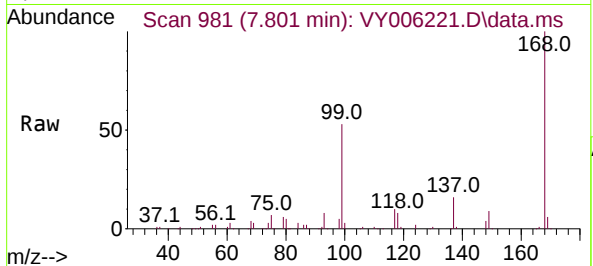




#31
Cyclohexane
Concen: 1.059 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006221.D
Acq: 29 Sep 2021 18:25

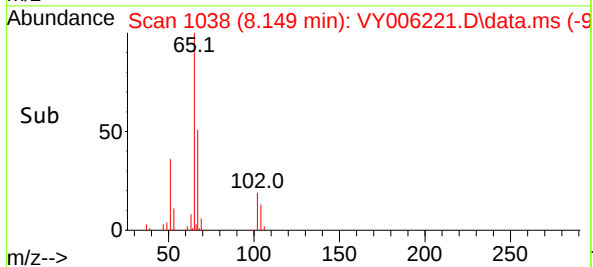
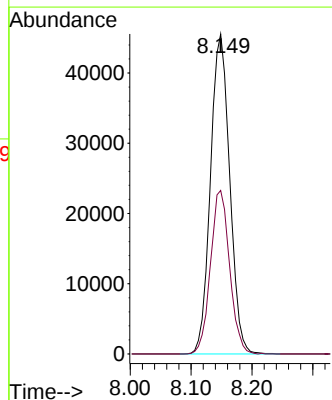
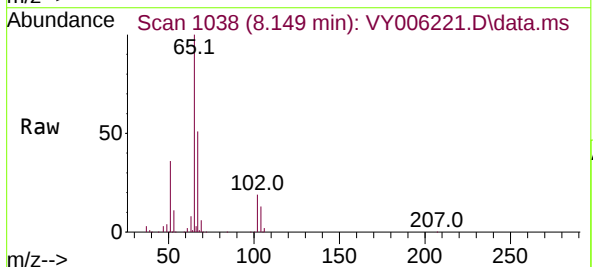
Instrument :
MSVOA_Y
ClientSampled :

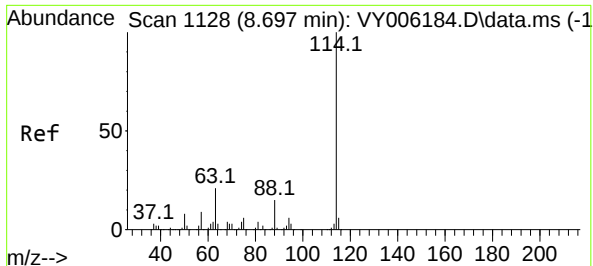
Tgt Ion: 56 Resp: 3093
Ion Ratio Lower Upper
56 100
69 158.2 26.7 40.1#
84 143.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 64.816 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006221.D
Acq: 29 Sep 2021 18:25

Tgt Ion: 65 Resp: 99893
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: VY006221.D

Acq: 29 Sep 2021 18:25

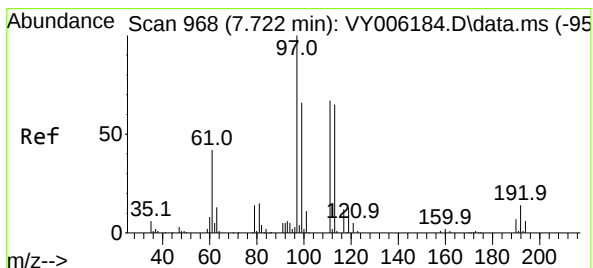
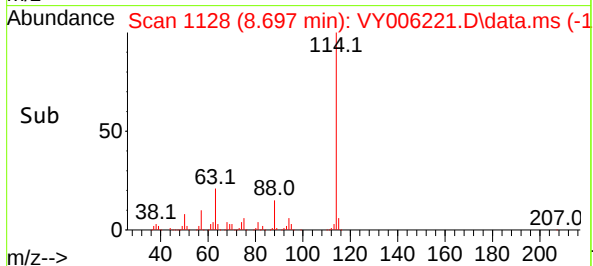
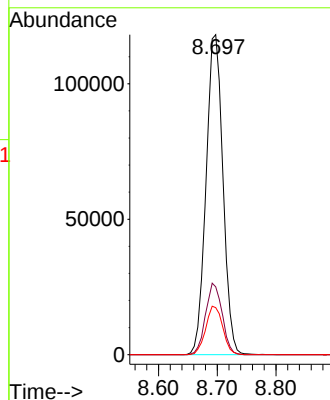
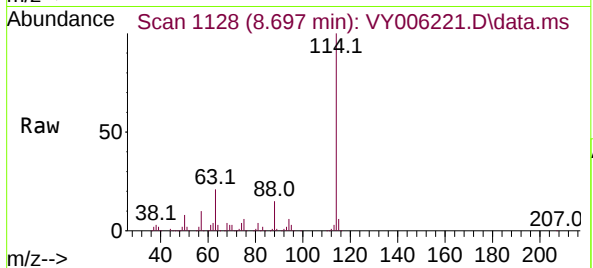
Tgt Ion:114 Resp: 235898

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.717 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY006221.D

Acq: 29 Sep 2021 18:25

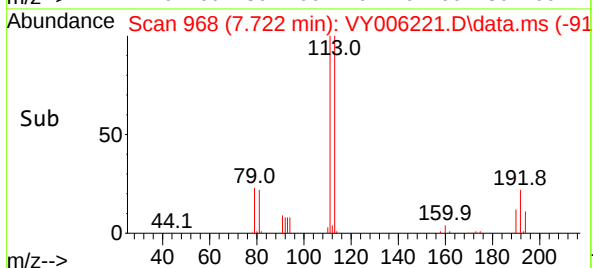
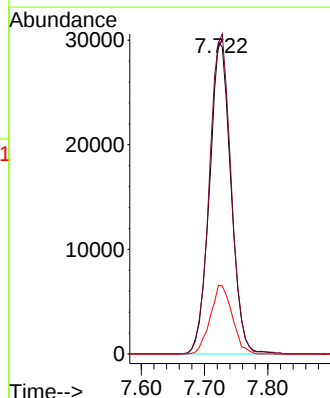
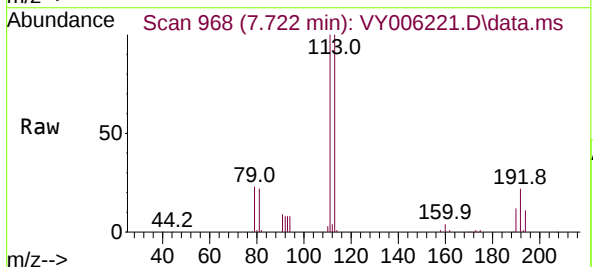
Tgt Ion:113 Resp: 70221

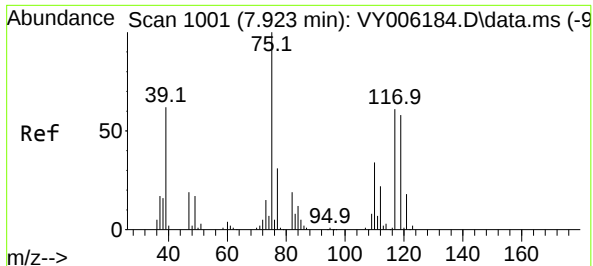
Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

192 22.5 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.769 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY006221.D

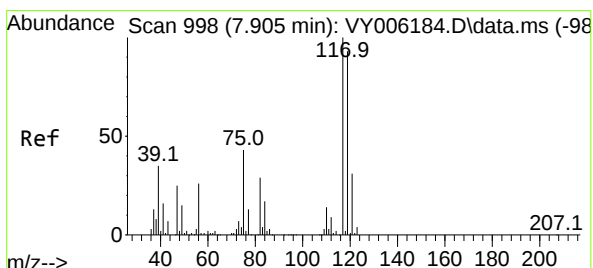
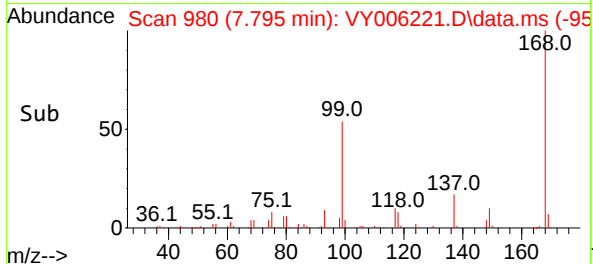
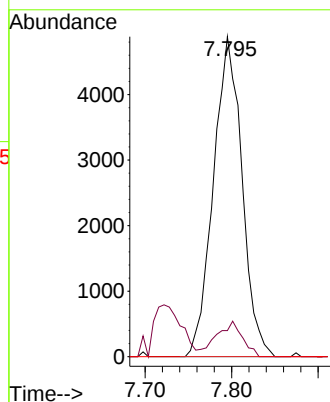
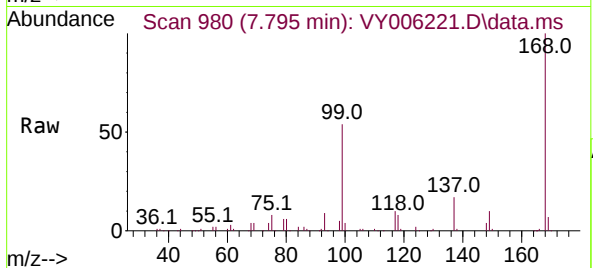
Acq: 29 Sep 2021 18:25

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 11194
Ion Ratio	Lower Upper
75 100	
110 9.8	17.1 51.2#
77 0.0	24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.603 ug/l

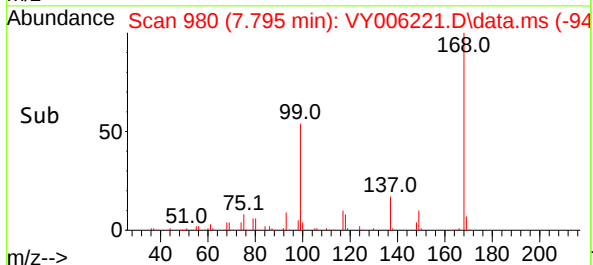
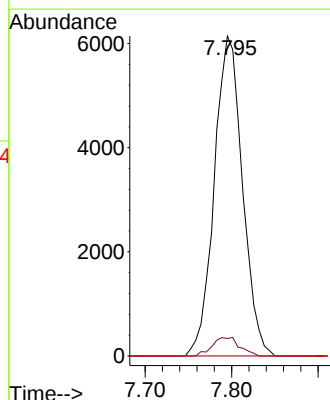
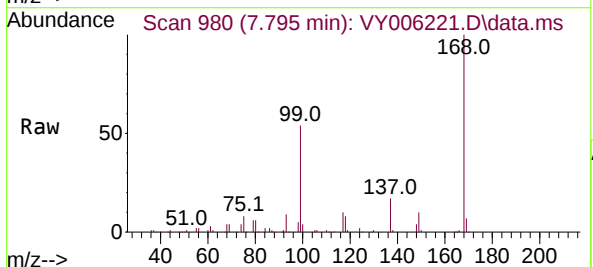
RT: 7.795 min Scan# 980

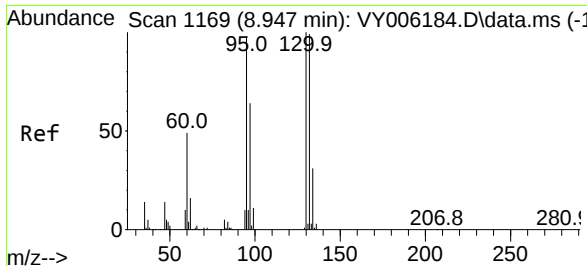
Delta R.T. -0.110 min

Lab File: VY006221.D

Acq: 29 Sep 2021 18:25

Tgt Ion: 117	Resp: 13887
Ion Ratio	Lower Upper
117 100	
119 5.4	77.9 116.9#
121 0.0	24.8 37.2#

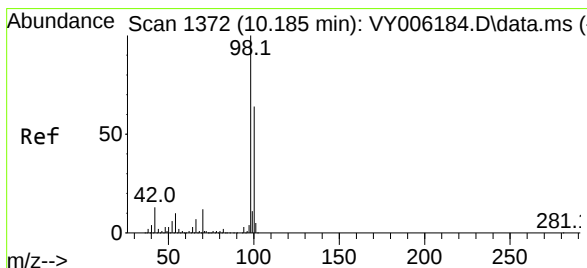
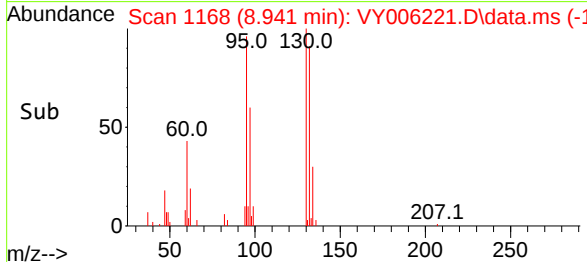
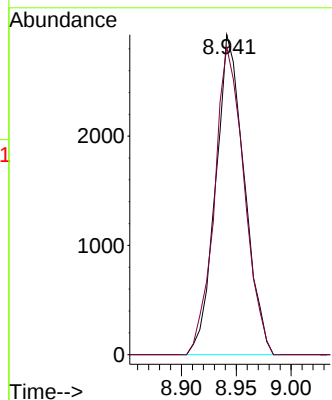
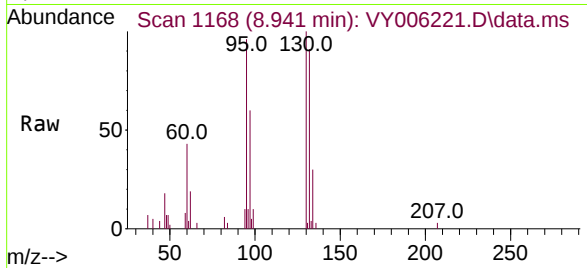




#44
Trichloroethene
Concen: 3.102 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY006221.D
Acq: 29 Sep 2021 18:25

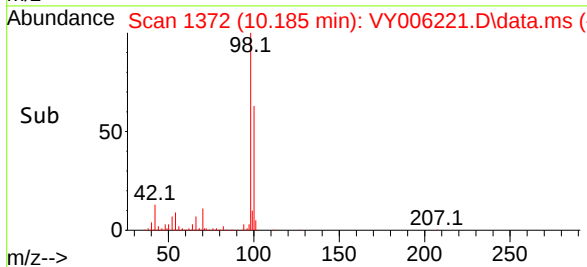
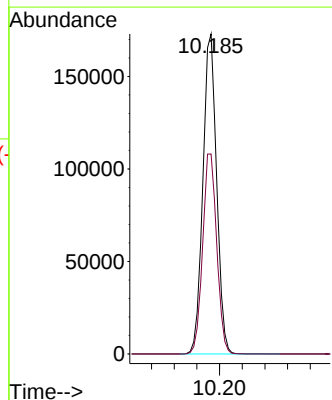
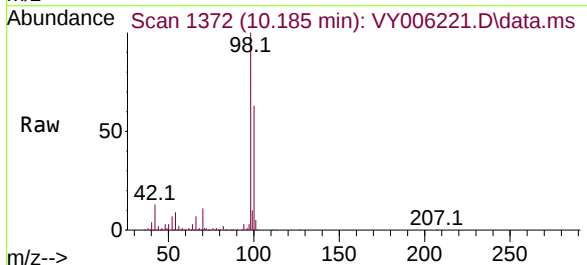
Instrument :
MSVOA_Y
ClientSampled :

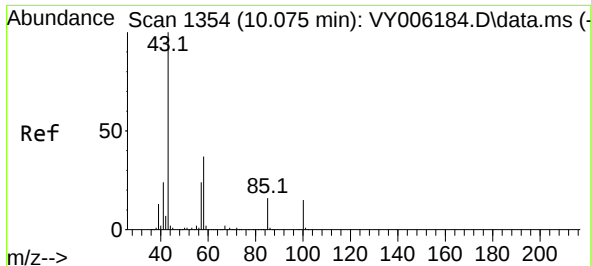
Tgt Ion:130 Resp: 5334
Ion Ratio Lower Upper
130 100
95 96.2 0.0 188.2



#50
Toluene-d8
Concen: 55.161 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006221.D
Acq: 29 Sep 2021 18:25

Tgt Ion: 98 Resp: 290955
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2

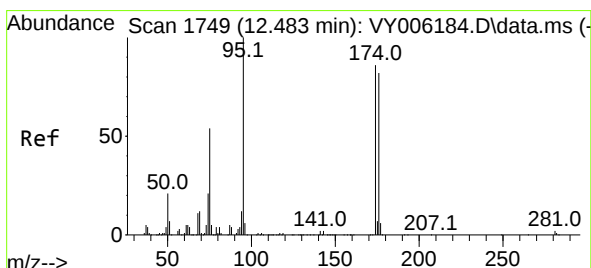
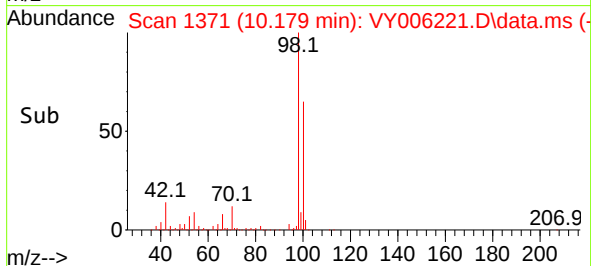
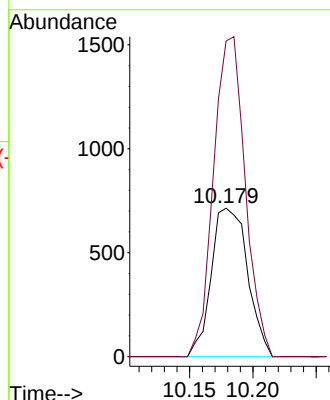
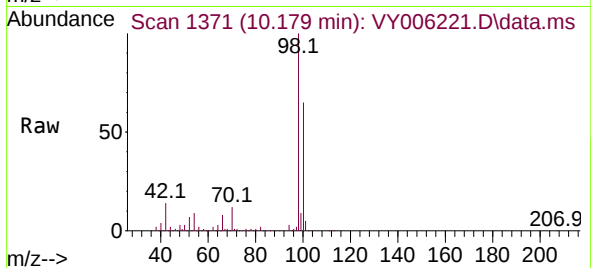




#51
4-Methyl-2-Pentanone
Concen: 1.047 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY006221.D
Acq: 29 Sep 2021 18:25

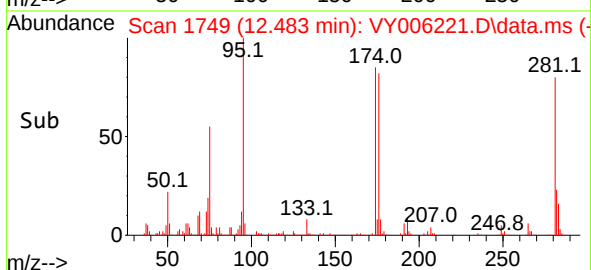
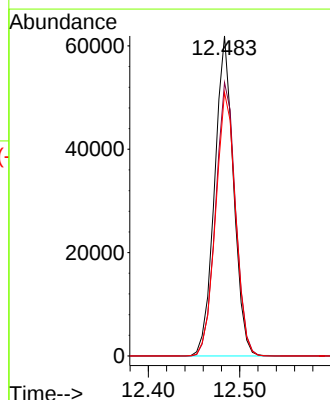
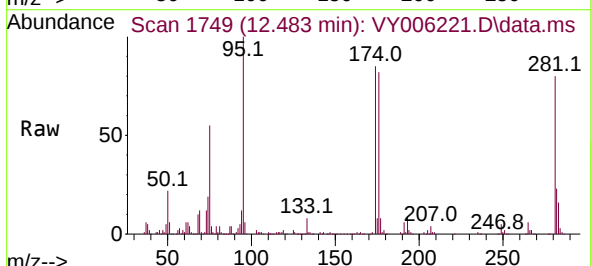
Instrument :
MSVOA_Y
ClientSampled :

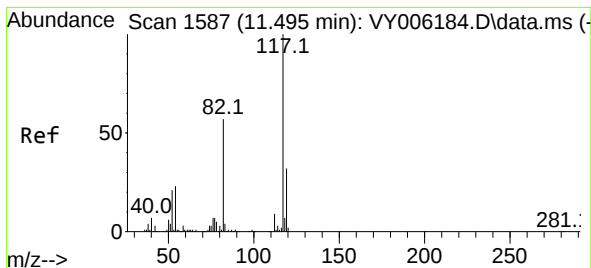
Tgt Ion: 43 Resp: 1425
Ion Ratio Lower Upper
43 100
58 188.1 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 49.692 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006221.D
Acq: 29 Sep 2021 18:25

Tgt Ion: 95 Resp: 89041
Ion Ratio Lower Upper
95 100
174 89.8 0.0 177.0
176 86.7 0.0 175.8

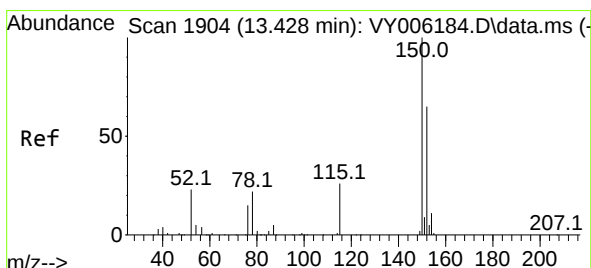
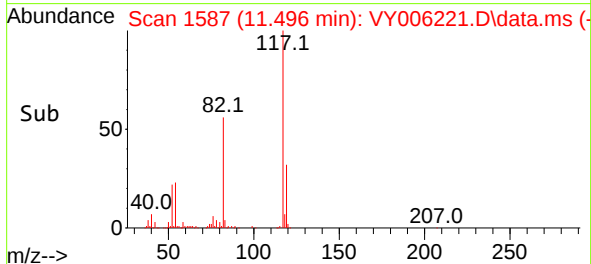
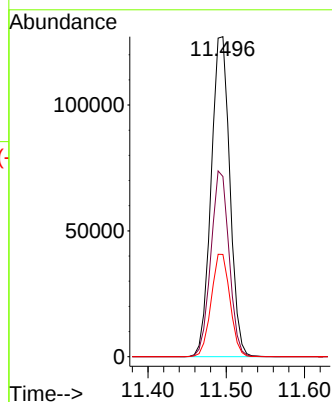
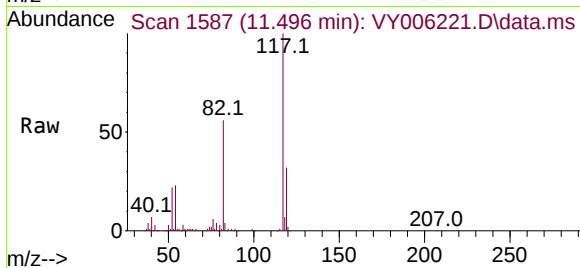




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006221.D
Acq: 29 Sep 2021 18:25

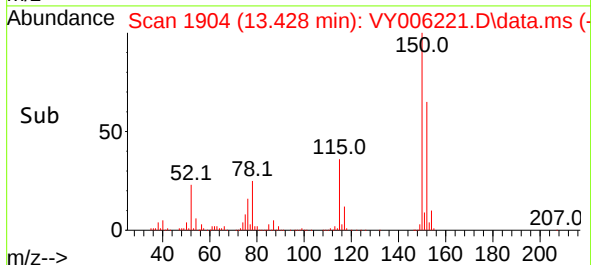
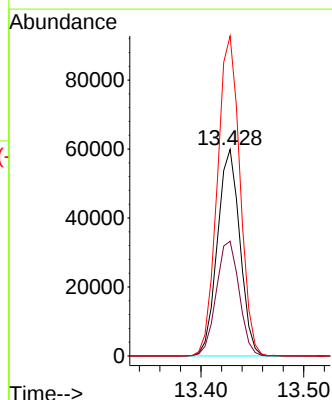
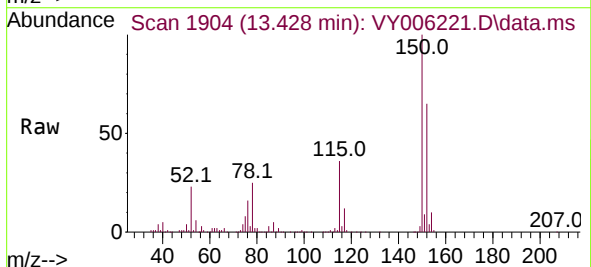
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.3	43.0	64.4
119	32.0	25.4	38.0

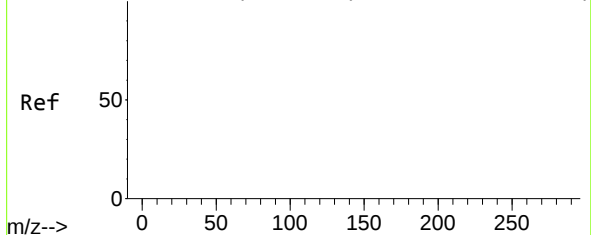


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006221.D
Acq: 29 Sep 2021 18:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.7	28.2	84.7
150	156.1	0.0	347.6



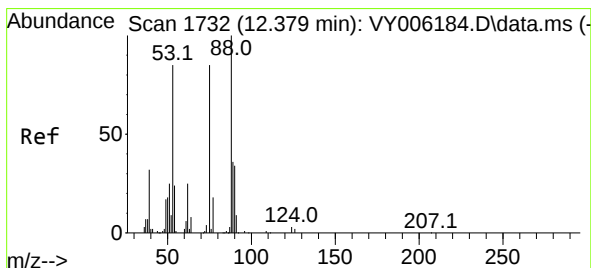
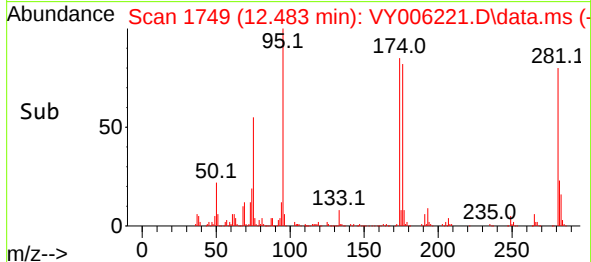
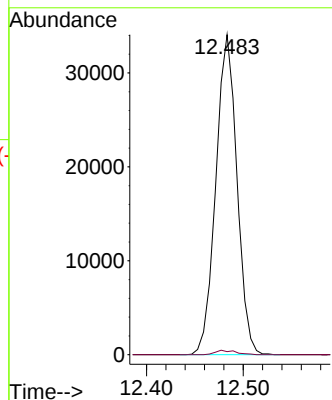
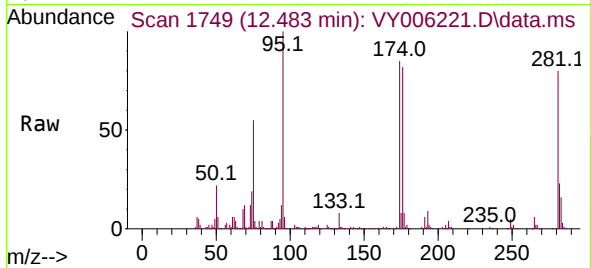
Abundance Scan 1774 (12.635 min): VY006184.D\data.ms (-



#76
1,2,3-Trichloropropane
Concen: 58.593 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006221.D
Acq: 29 Sep 2021 18:25

Tgt Ion: 75 Resp: 51669
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

Instrument :
MSVOA_Y
ClientSampled :



#81
trans-1,4-Dichloro-2-butene
Concen: 115.144 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006221.D
Acq: 29 Sep 2021 18:25

Tgt Ion: 75 Resp: 51669
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 1.1 37.0 55.4#

