

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111921\
 Data File : VY006835.D
 Acq On : 19 Nov 2021 17:07
 Operator : SY/MD
 Sample : M4758-23
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 03:20:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

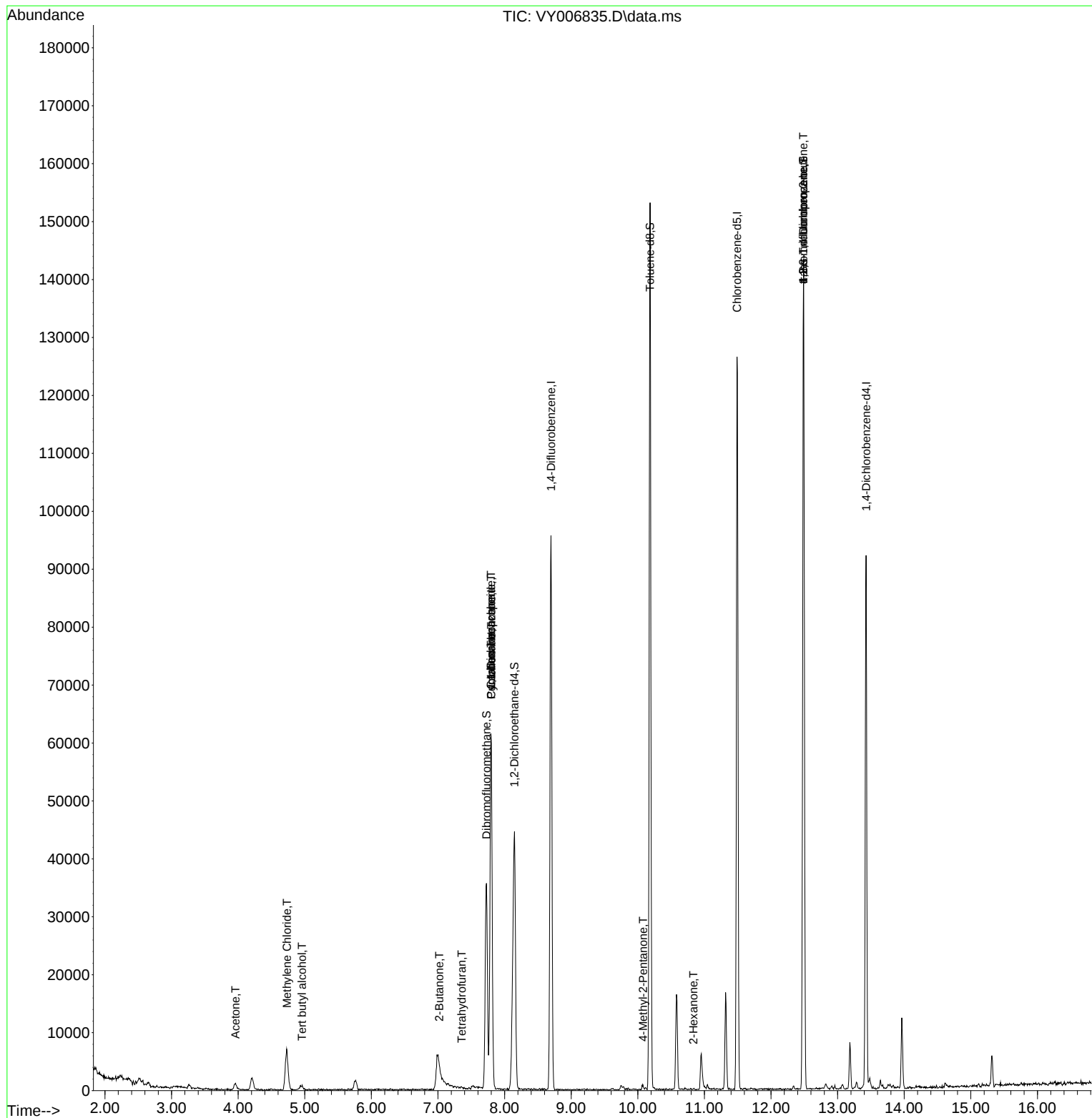
Internal Standards						
1) Pentafluorobenzene	7.801	168	47444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	75285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	62940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	22006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	31790	51.125	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.240%	
35) Dibromofluoromethane	7.728	113	23584	51.000	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.000%	
50) Toluene-d8	10.185	98	93716	48.974	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.940%	
62) 4-Bromofluorobenzene	12.483	95	23523	36.463	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 72.920%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	592	6.331	ug/l #	72
16) Acetone	3.960	43	2072	10.967	ug/l #	84
20) Methylene Chloride	4.735	84	4573	5.030	ug/l	96
25) 2-Butanone	7.021	43	673	13.838	ug/l #	52
29) Tetrahydrofuran	7.356	42	171	1.091	ug/l #	36
31) Cyclohexane	7.801	56	1256	1.149	ug/l #	26
36) 1,1-Dichloropropene	7.795	75	4808	5.876	ug/l #	48
38) Carbon Tetrachloride	7.795	117	4611	5.509	ug/l #	18
51) 4-Methyl-2-Pentanone	10.081	43	632	1.169	ug/l #	77
59) 2-Hexanone	10.837	43	108	24.062	ug/l #	28
76) 1,2,3-Trichloropropane	12.483	75	14523	60.701	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	14523	120.278	ug/l #	7

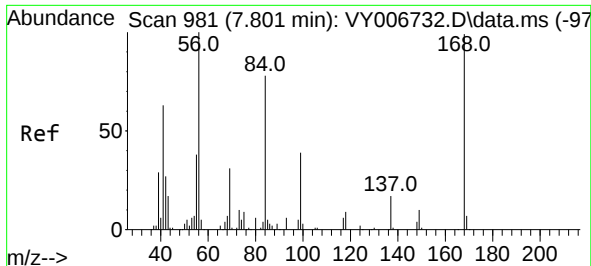
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111921\
Data File : VY006835.D
Acq On : 19 Nov 2021 17:07
Operator : SY/MD
Sample : M4758-23
Misc : 5.02G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

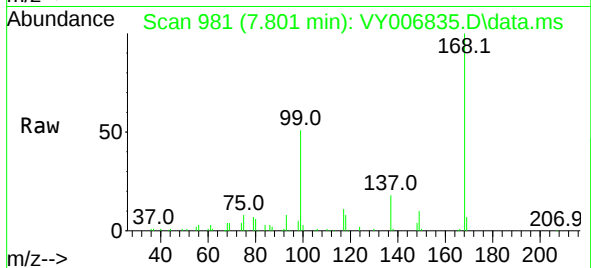
Quant Time: Nov 22 03:20:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 16 04:20:03 2021
Response via : Initial Calibration



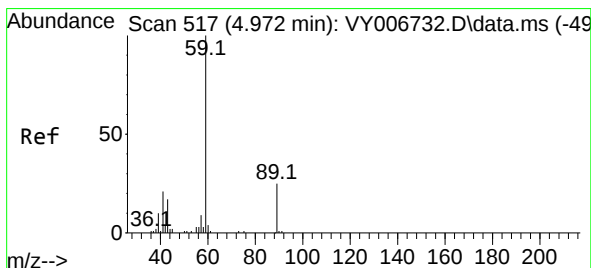
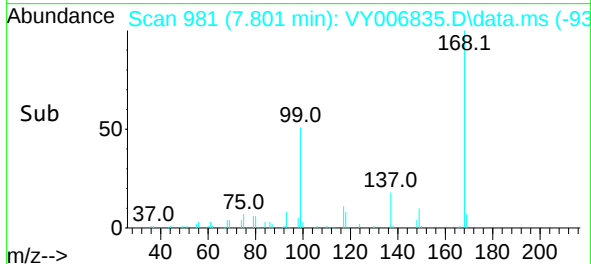
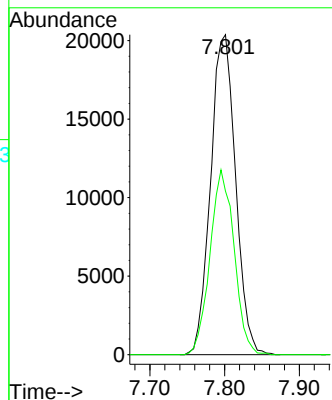


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006835.D
Acq: 19 Nov 2021 17:07

Instrument :
MSVOA_Y
ClientSampleId :

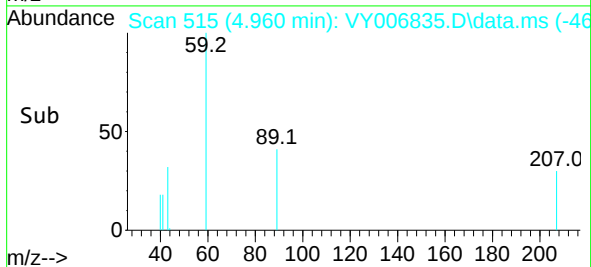
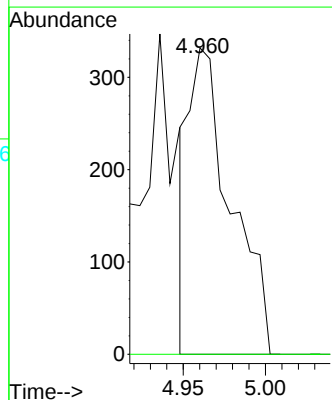
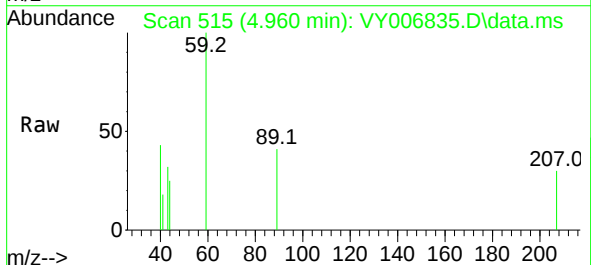


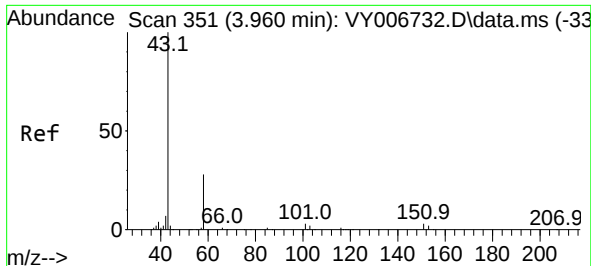
Tgt Ion:168 Resp: 47444
Ion Ratio Lower Upper
168 100
99 51.1 44.8 67.2



#11
Tert butyl alcohol
Concen: 6.331 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY006835.D
Acq: 19 Nov 2021 17:07

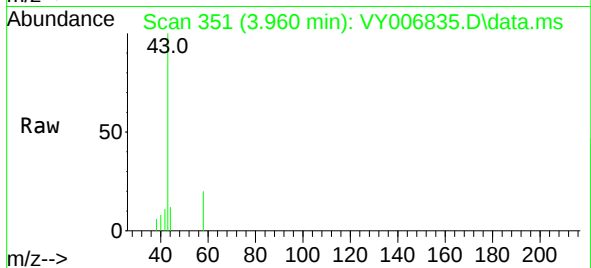
Tgt Ion: 59 Resp: 592
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



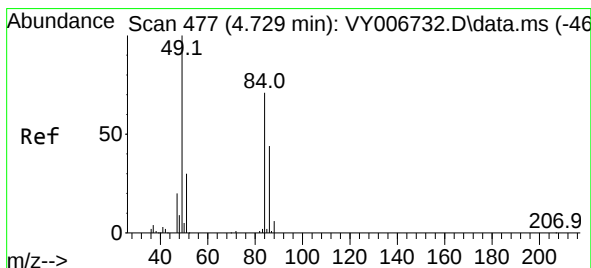
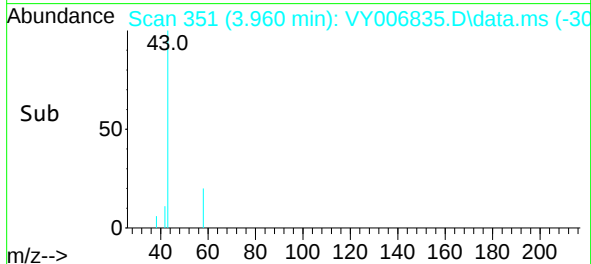
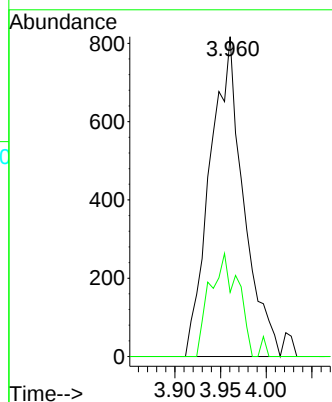


#16
Acetone
Concen: 10.967 ug/l
RT: 3.960 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY006835.D
Acq: 19 Nov 2021 17:07

Instrument :
MSVOA_Y
ClientSampleId :

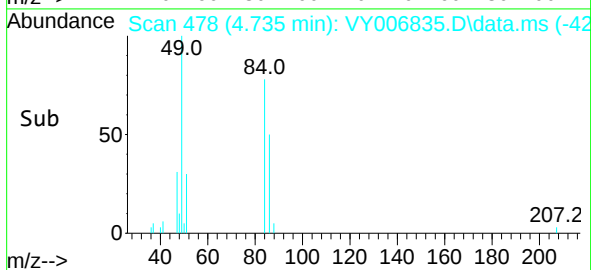
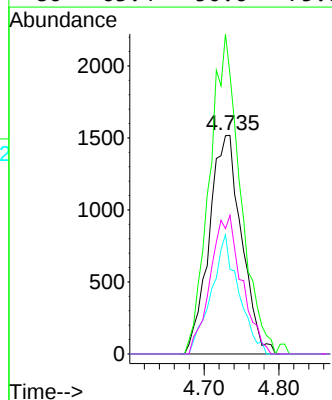
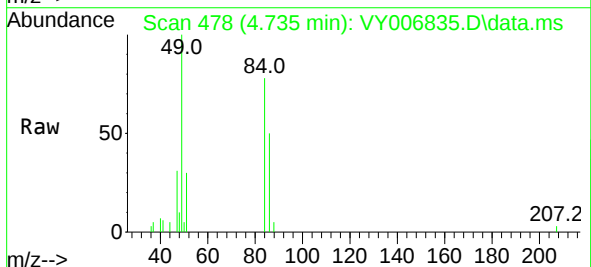


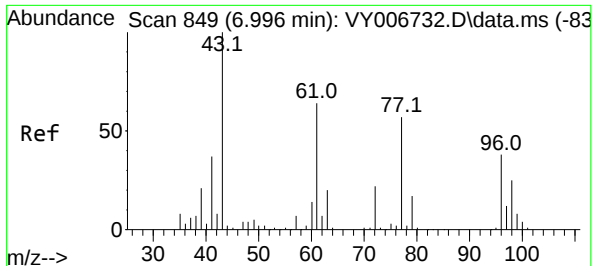
Tgt Ion: 43 Resp: 2072
Ion Ratio Lower Upper
43 100
58 20.1 22.9 34.3#



#20
Methylene Chloride
Concen: 5.030 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY006835.D
Acq: 19 Nov 2021 17:07

Tgt Ion: 84 Resp: 4573
Ion Ratio Lower Upper
84 100
49 127.9 107.8 161.8
51 38.7 32.8 49.2
86 63.4 50.6 75.8

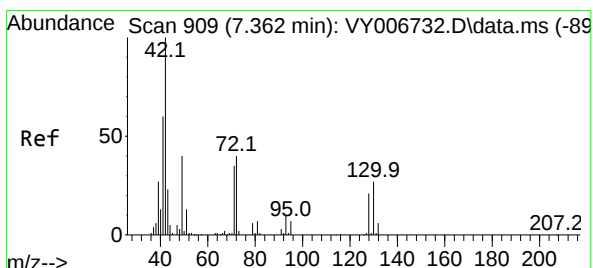
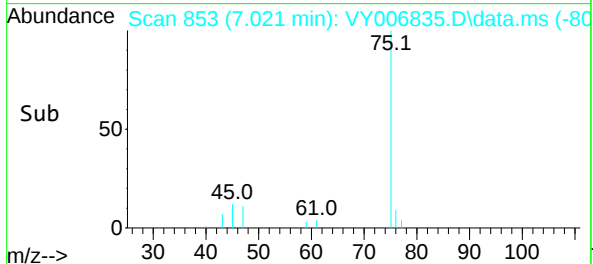
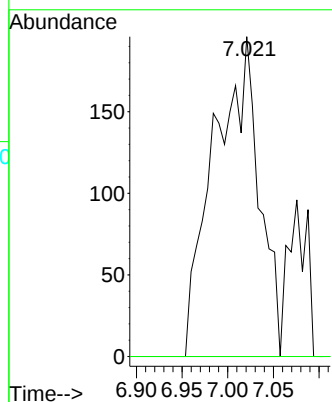
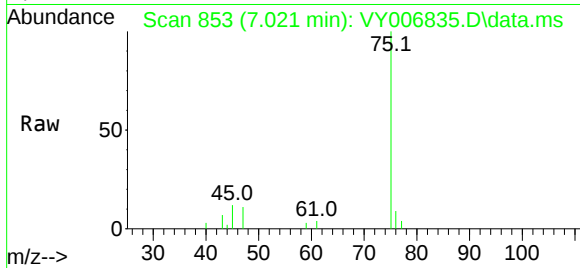




#25
2-Butanone
Concen: 13.838 ug/l
RT: 7.021 min Scan# 81
Delta R.T. 0.025 min
Lab File: VY006835.D
Acq: 19 Nov 2021 17:07

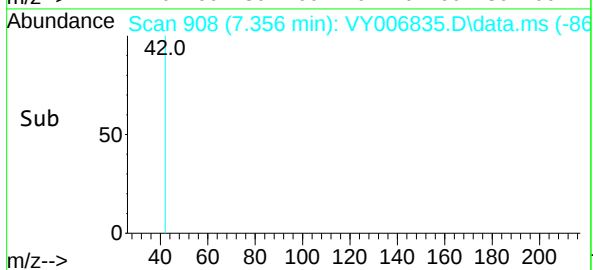
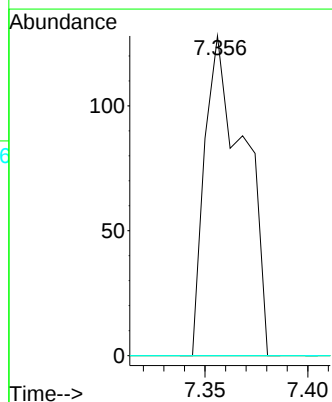
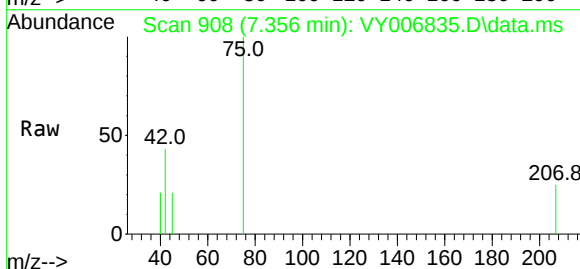
Instrument :
MSVOA_Y
ClientSampleId :

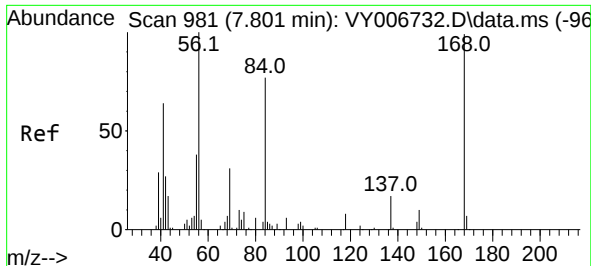
Tgt Ion: 43 Resp: 673
Ion Ratio Lower Upper
43 100
72 0.0 18.9 28.3#



#29
Tetrahydrofuran
Concen: 1.091 ug/l
RT: 7.356 min Scan# 908
Delta R.T. -0.006 min
Lab File: VY006835.D
Acq: 19 Nov 2021 17:07

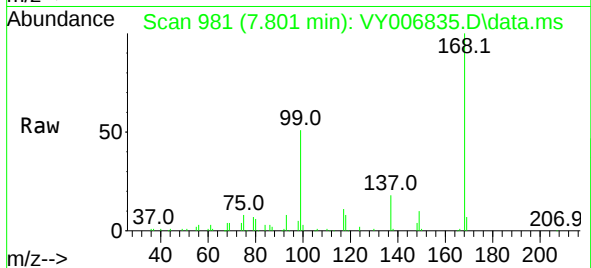
Tgt Ion: 42 Resp: 171
Ion Ratio Lower Upper
42 100
72 0.0 32.0 48.0#
71 0.0 30.3 45.5#



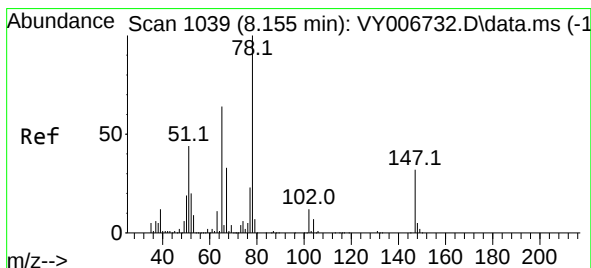
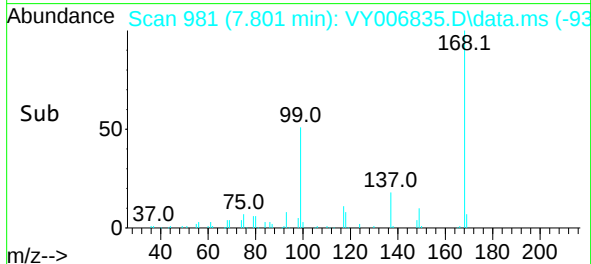
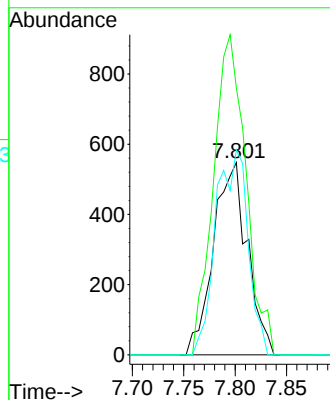


#31
Cyclohexane
Concen: 1.149 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006835.D
Acq: 19 Nov 2021 17:07

Instrument :
MSVOA_Y
ClientSampleId :

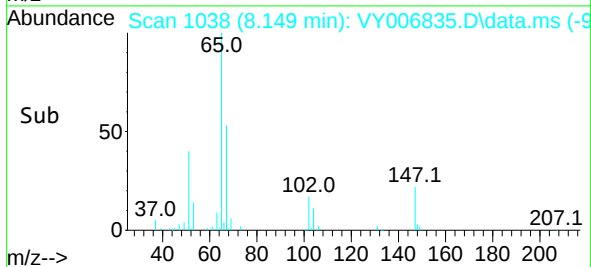
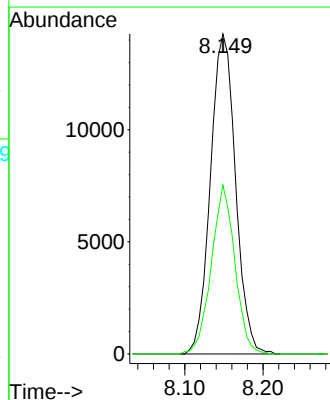
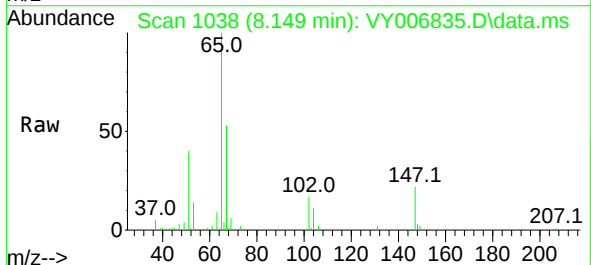


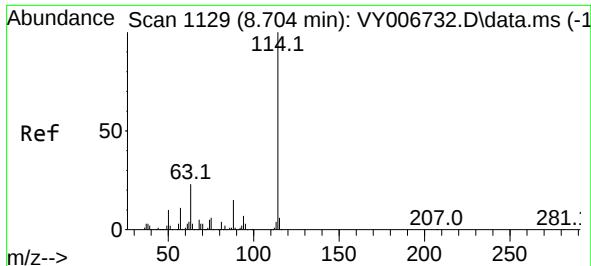
Tgt Ion: 56 Resp: 1256
Ion Ratio Lower Upper
56 100
69 138.7 26.6 40.0#
84 106.6 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 51.125 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006835.D
Acq: 19 Nov 2021 17:07

Tgt Ion: 65 Resp: 31790
Ion Ratio Lower Upper
65 100
67 49.4 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

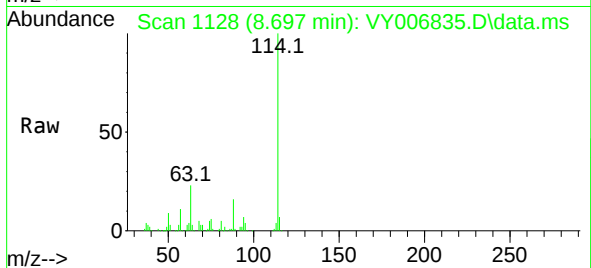
Lab File: VY006835.D

Acq: 19 Nov 2021 17:07

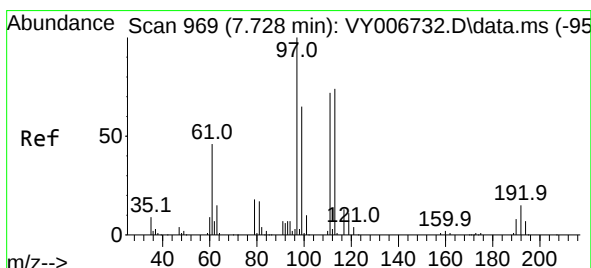
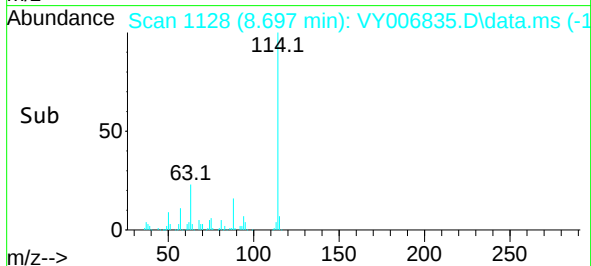
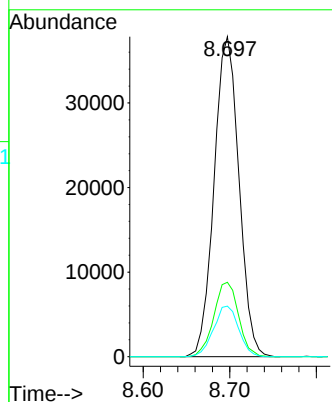
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	114	Resp:	75285
Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	45.0
88	15.8	0.0	30.6



#35

Dibromofluoromethane

Concen: 51.000 ug/l

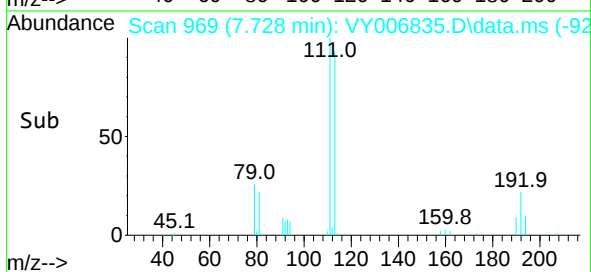
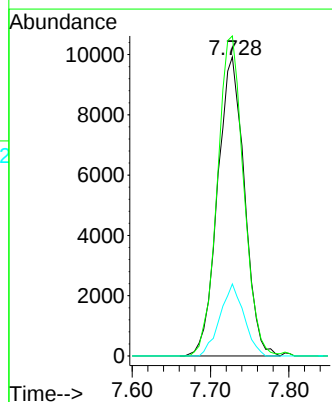
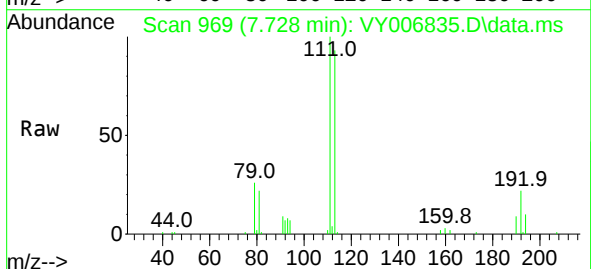
RT: 7.728 min Scan# 969

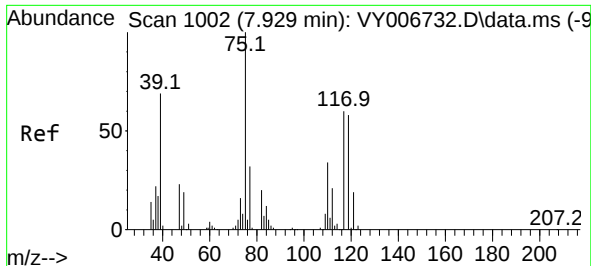
Delta R.T. -0.000 min

Lab File: VY006835.D

Acq: 19 Nov 2021 17:07

Tgt Ion:	113	Resp:	23584
Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.3	123.5
192	21.6	17.4	26.2





#36

1,1-Dichloropropene

Concen: 5.876 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.134 min

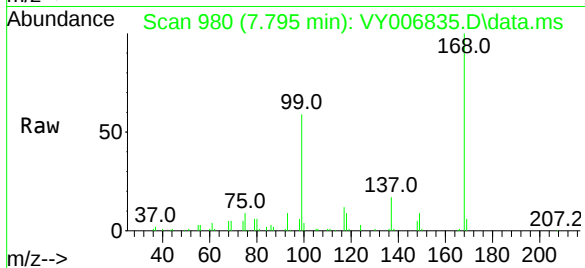
Lab File: VY006835.D

Acq: 19 Nov 2021 17:07

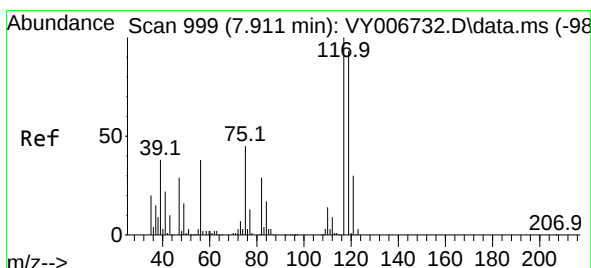
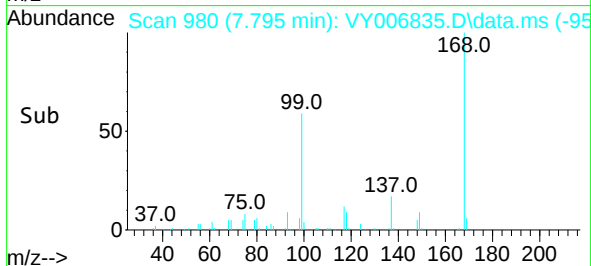
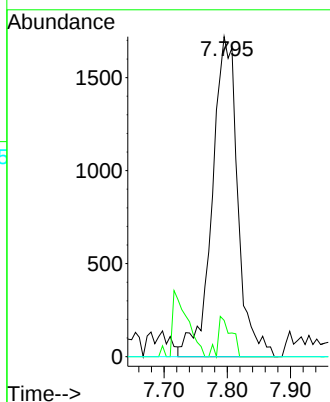
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	75	Resp:	4808
Ion	Ratio	Lower	Upper
75	100		
110	6.5	17.1	51.3#
77	0.0	24.9	37.3#



#38

Carbon Tetrachloride

Concen: 5.509 ug/l

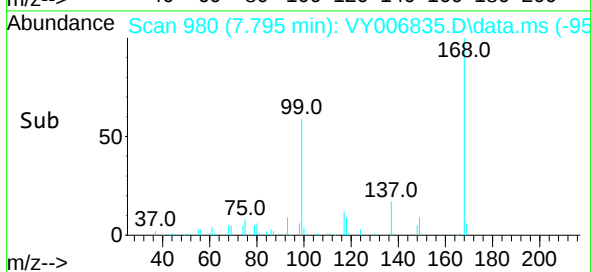
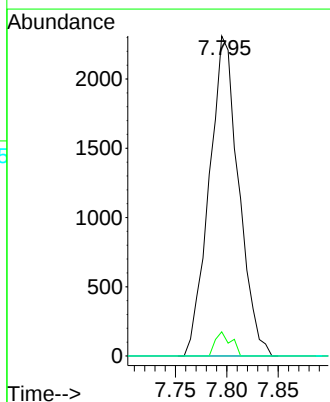
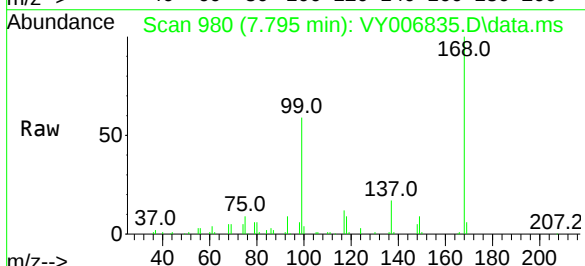
RT: 7.795 min Scan# 980

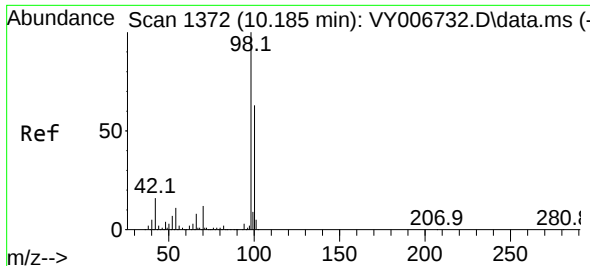
Delta R.T. -0.116 min

Lab File: VY006835.D

Acq: 19 Nov 2021 17:07

Tgt Ion:	117	Resp:	4611
Ion	Ratio	Lower	Upper
117	100		
119	7.6	76.6	115.0#
121	0.0	24.7	37.1#

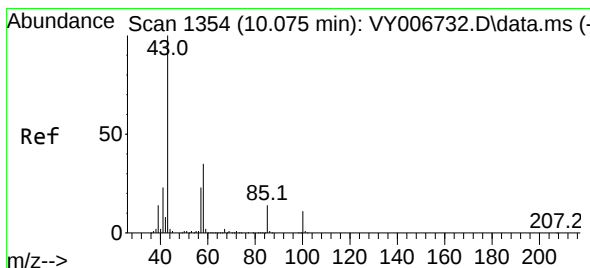
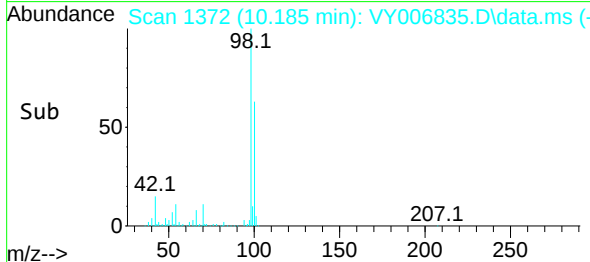
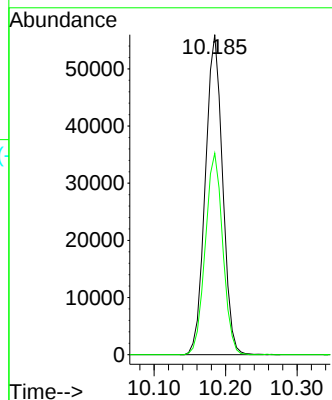
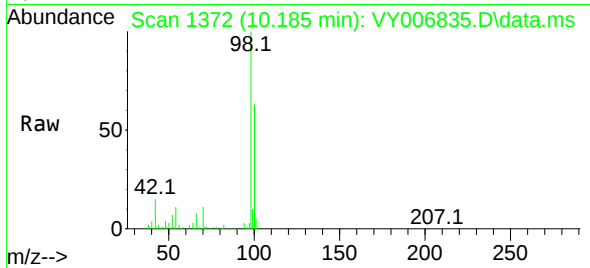




#50
Toluene-d8
Concen: 48.974 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006835.D
Acq: 19 Nov 2021 17:07

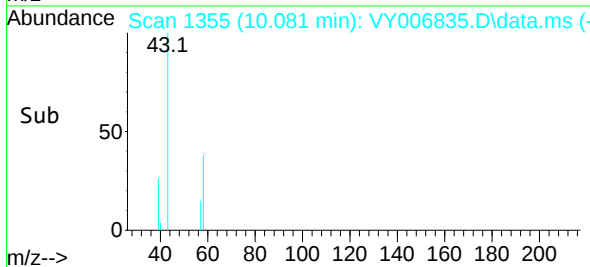
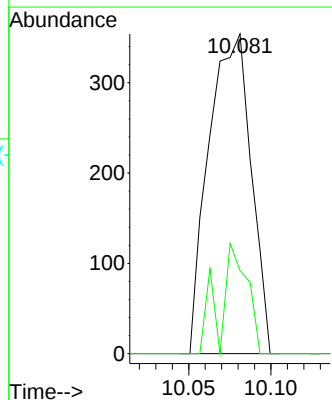
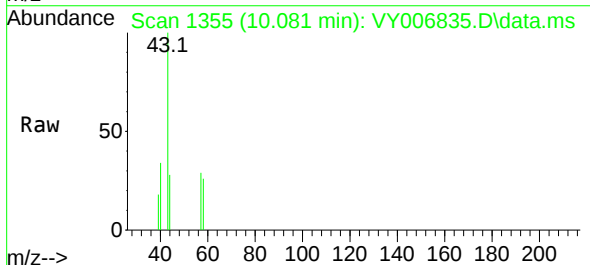
Instrument :
MSVOA_Y
ClientSampleId :

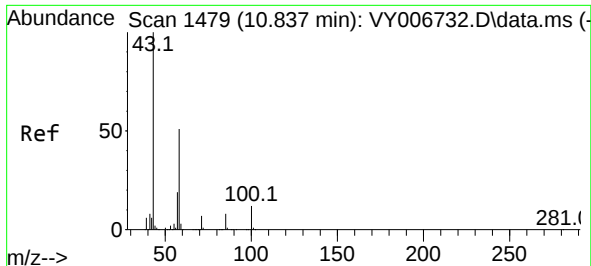
Tgt Ion: 98 Resp: 93716
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.169 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY006835.D
Acq: 19 Nov 2021 17:07

Tgt Ion: 43 Resp: 632
Ion Ratio Lower Upper
43 100
58 22.5 28.7 43.1#

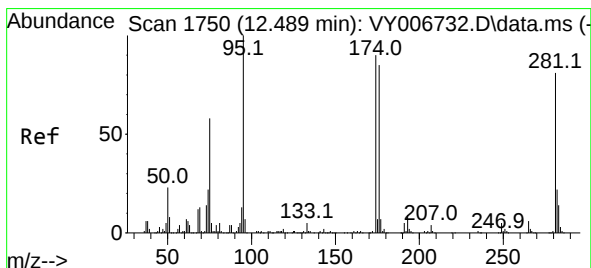
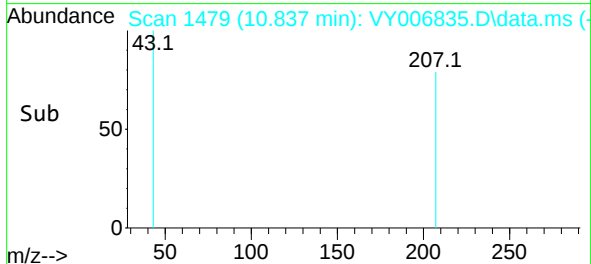
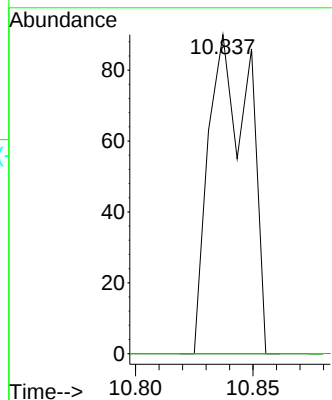
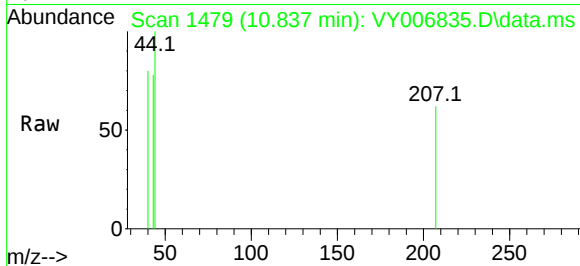




#59
2-Hexanone
Concen: 24.062 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY006835.D
Acq: 19 Nov 2021 17:07

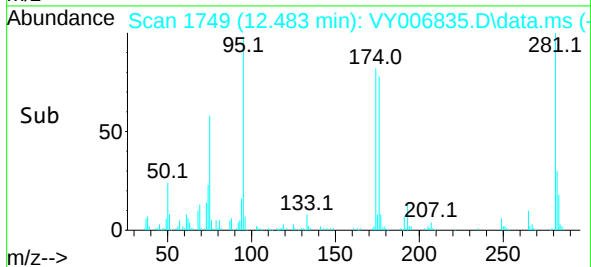
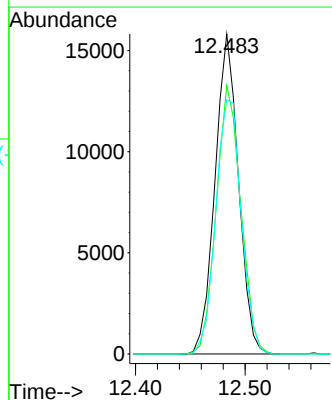
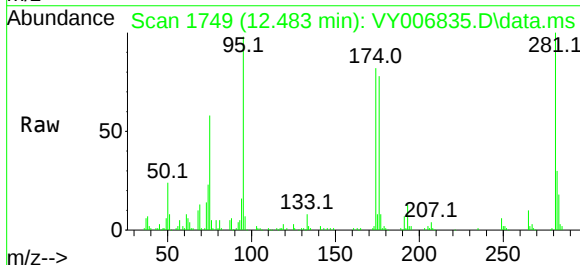
Instrument :
MSVOA_Y
ClientSampleId :

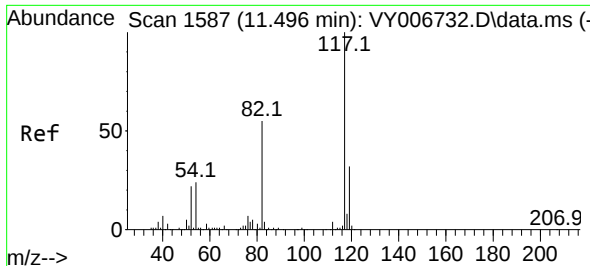
Tgt Ion: 43 Resp: 108
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 36.463 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006835.D
Acq: 19 Nov 2021 17:07

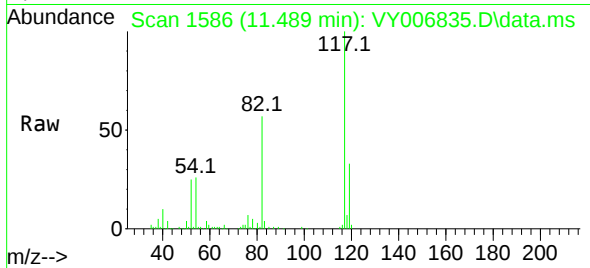
Tgt Ion: 95 Resp: 23523
Ion Ratio Lower Upper
95 100
174 87.8 0.0 177.0
176 86.8 0.0 169.4



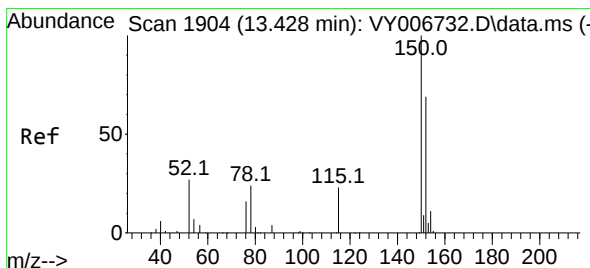
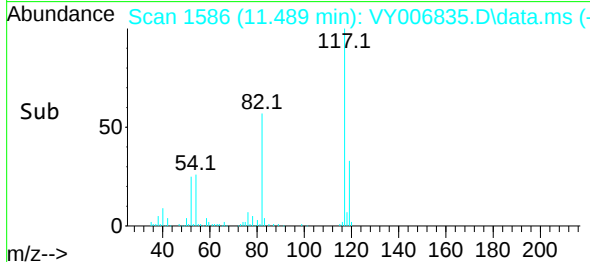
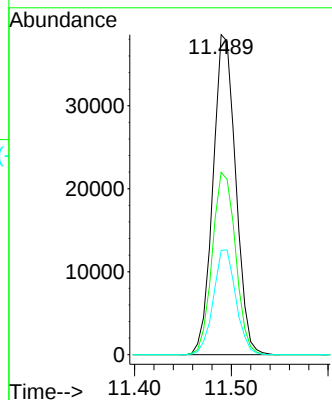


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006835.D
Acq: 19 Nov 2021 17:07

Instrument :
MSVOA_Y
ClientSampleId :

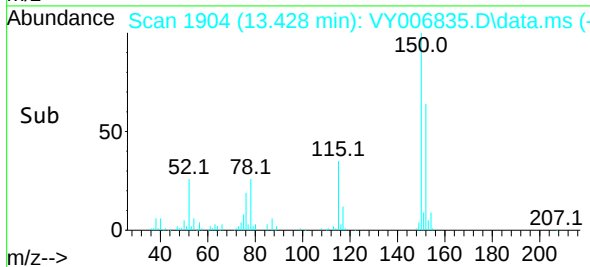
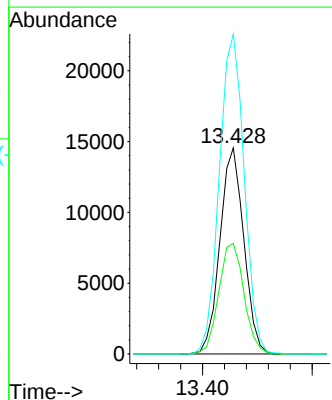
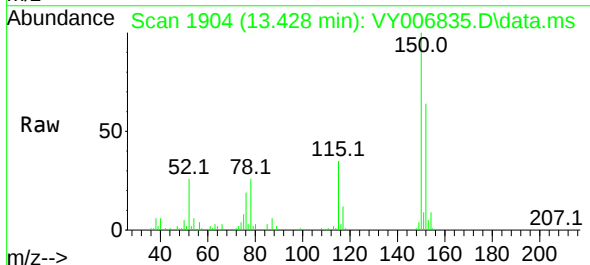


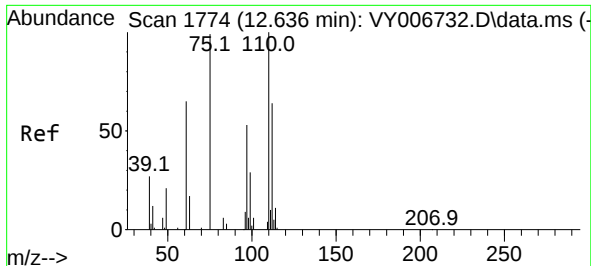
Tgt Ion:117 Resp: 62940
Ion Ratio Lower Upper
117 100
82 57.0 45.7 68.5
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006835.D
Acq: 19 Nov 2021 17:07

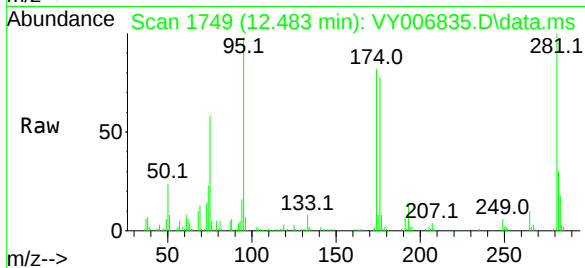
Tgt Ion:152 Resp: 22006
Ion Ratio Lower Upper
152 100
115 56.6 28.5 85.5
150 161.7 0.0 348.2



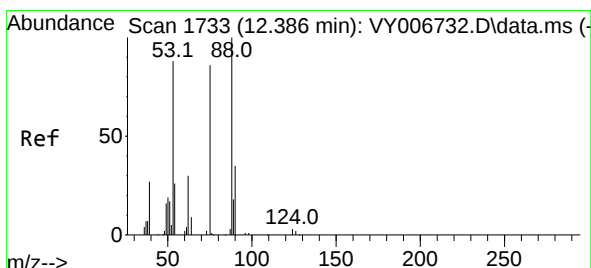
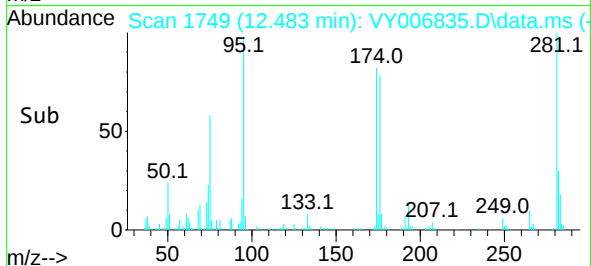
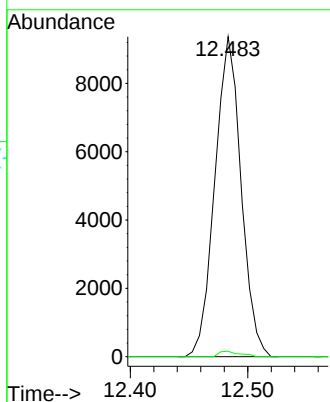


#76
1,2,3-Trichloropropane
Concen: 60.701 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006835.D
Acq: 19 Nov 2021 17:07

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 14523
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.278 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY006835.D
Acq: 19 Nov 2021 17:07

Tgt Ion: 75 Resp: 14523
Ion Ratio Lower Upper
75 100
53 0.2 85.8 128.6#
89 0.9 39.3 58.9#

