

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102121\
 Data File : VY006425.D
 Acq On : 21 Oct 2021 15:07
 Operator : SY/MD
 Sample : VY1021SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 22 03:37:12 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)

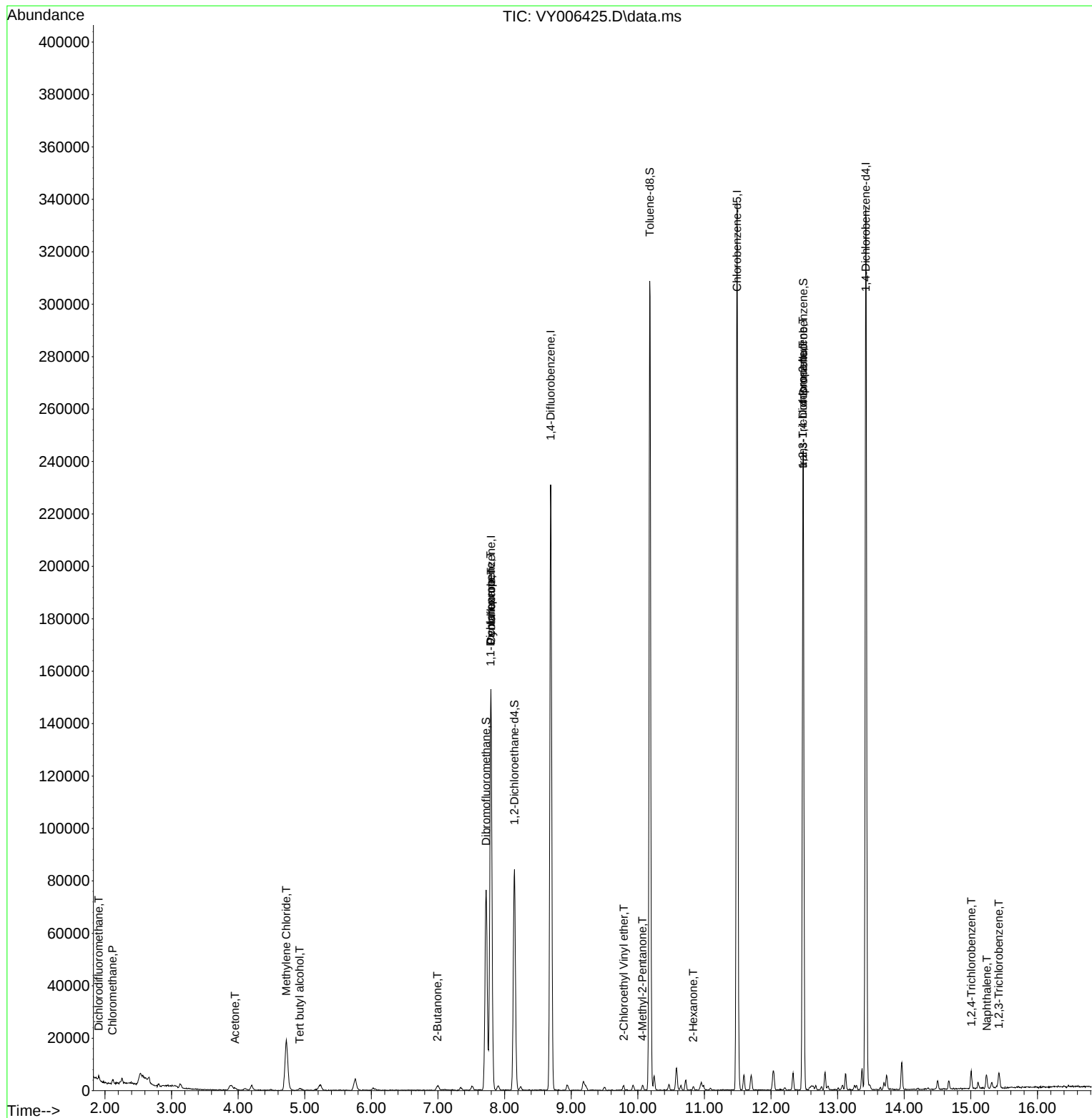
Internal Standards						
1) Pentafluorobenzene	7.795	168	116681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	186862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	171532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	83888	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	68384	54.759	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.520%			
35) Dibromofluoromethane	7.722	113	50217	50.301	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.600%			
50) Toluene-d8	10.179	98	196109	46.936	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 93.880%			
62) 4-Bromofluorobenzene	12.483	95	66796	47.060	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	1258	1.063	ug/l	89
3) Chloromethane	2.113	50	1412	1.024	ug/l	94
11) Tert butyl alcohol	4.923	59	666	6.097	ug/l #	77
16) Acetone	3.954	43	1584	4.541	ug/l #	88
20) Methylene Chloride	4.722	84	13465	8.058	ug/l	94
25) 2-Butanone	6.990	43	746	1.535	ug/l	93
31) Cyclohexane	7.795	56	3857	1.630	ug/l #	54
36) 1,1-Dichloropropene	7.789	75	9122	4.906	ug/l #	51
51) 4-Methyl-2-Pentanone	10.069	43	1367	1.267	ug/l	90
58) 2-Chloroethyl Vinyl ether	9.788	63	862	1.190	ug/l	96
59) 2-Hexanone	10.831	43	951	1.238	ug/l	97
76) 1,2,3-Trichloropropane	12.477	75	38353	47.039	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	38353	92.438	ug/l #	7
93) 1,2,4-Trichlorobenzene	15.007	180	2236	1.386	ug/l	91
95) Naphthalene	15.239	128	4458	1.391	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	2125	1.486	ug/l	98

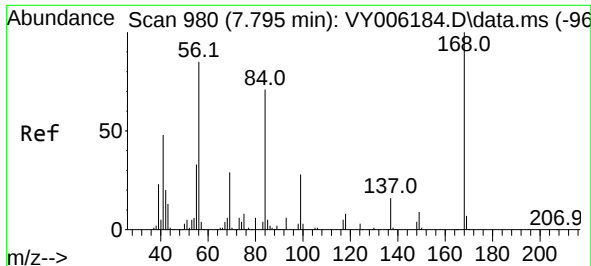
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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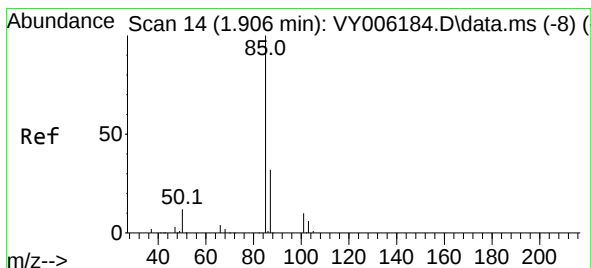
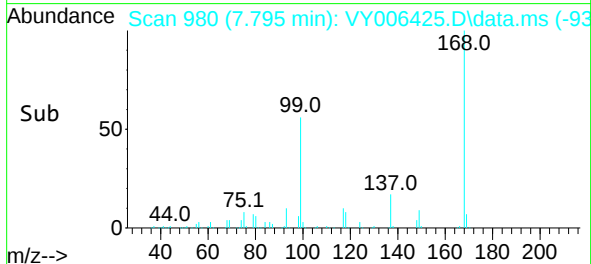
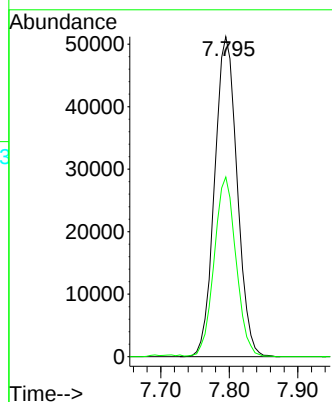
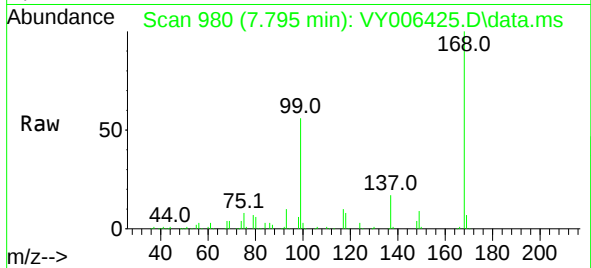




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006425.D
Acq: 21 Oct 2021 15:07

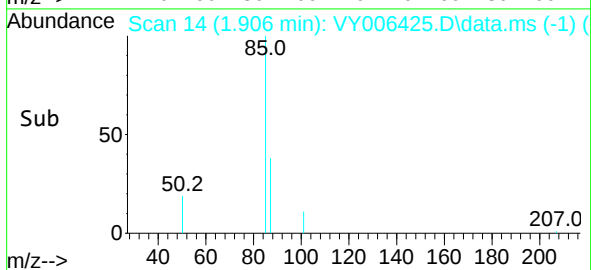
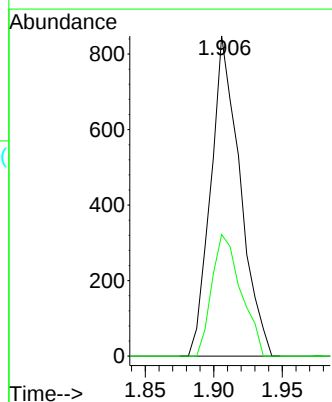
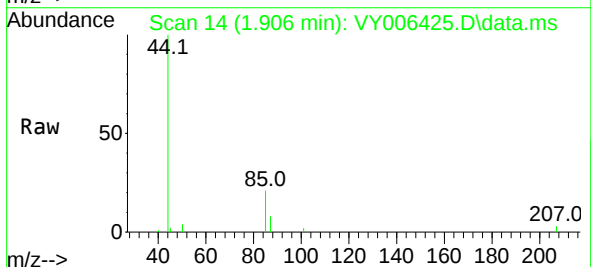
Instrument :
MSVOA_Y
ClientSampled :

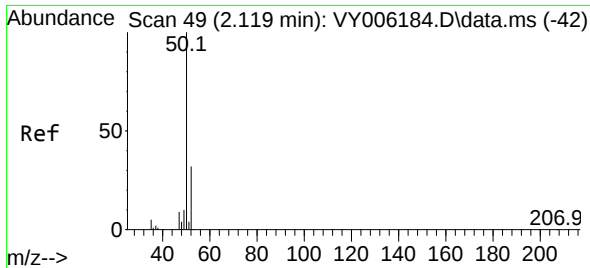
Tgt Ion:168 Resp: 116681
Ion Ratio Lower Upper
168 100
99 56.2 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.063 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY006425.D
Acq: 21 Oct 2021 15:07

Tgt Ion: 85 Resp: 1258
Ion Ratio Lower Upper
85 100
87 38.0 16.1 48.2

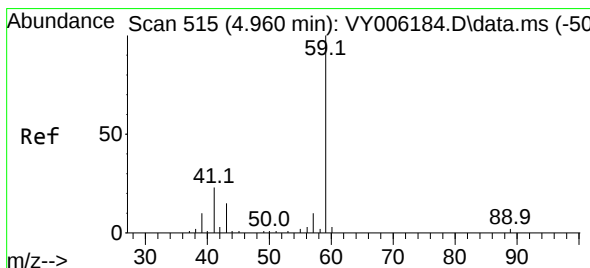
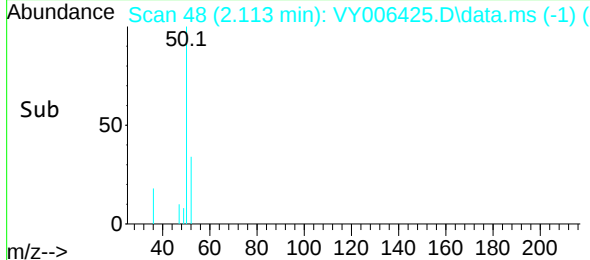
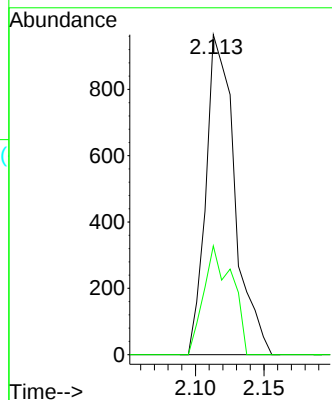
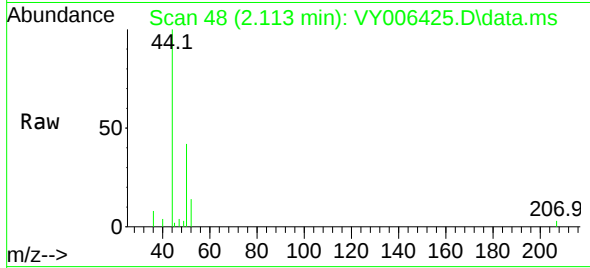




#3
Chloromethane
Concen: 1.024 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY006425.D
Acq: 21 Oct 2021 15:07

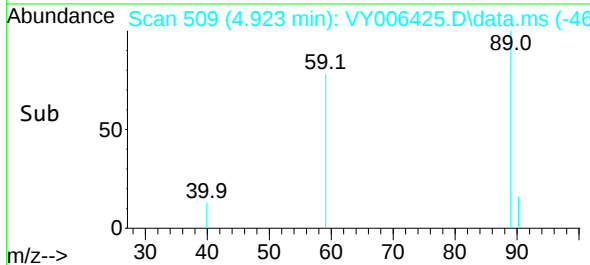
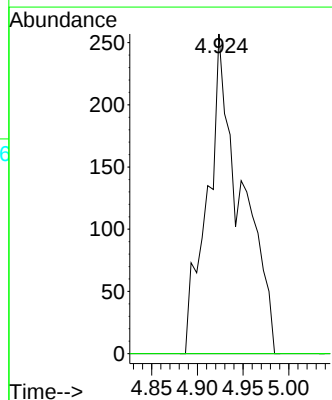
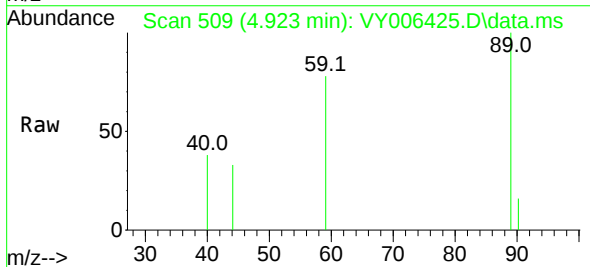
Instrument :
MSVOA_Y
ClientSampled :

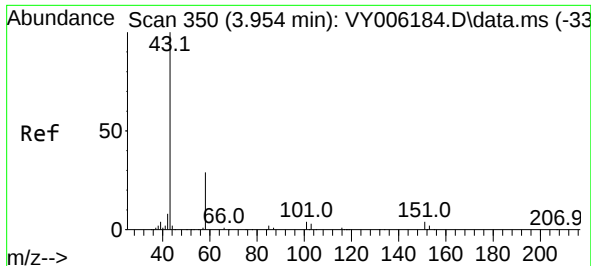
Tgt Ion: 50 Resp: 1412
Ion Ratio Lower Upper
50 100
52 34.0 24.6 37.0



#11
Tert butyl alcohol
Concen: 6.097 ug/l
RT: 4.923 min Scan# 509
Delta R.T. -0.037 min
Lab File: VY006425.D
Acq: 21 Oct 2021 15:07

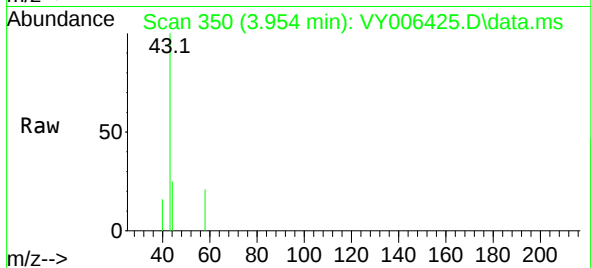
Tgt Ion: 59 Resp: 666
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



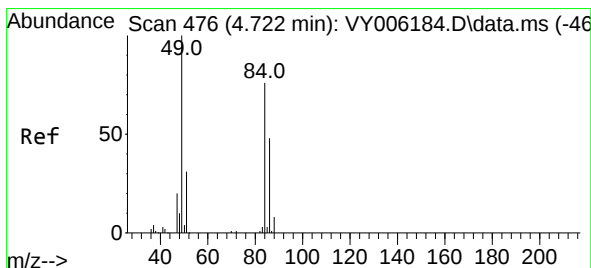
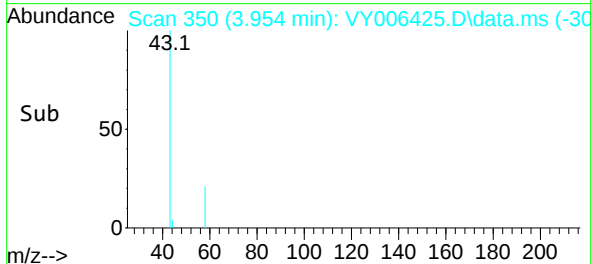
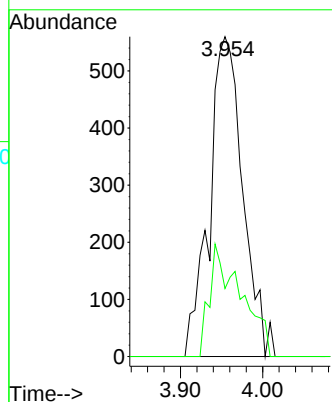


#16
Acetone
Concen: 4.541 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006425.D
Acq: 21 Oct 2021 15:07

Instrument :
MSVOA_Y
ClientSampled :

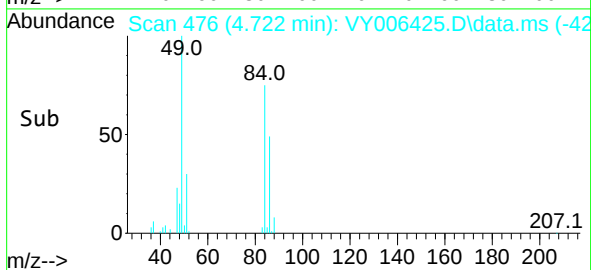
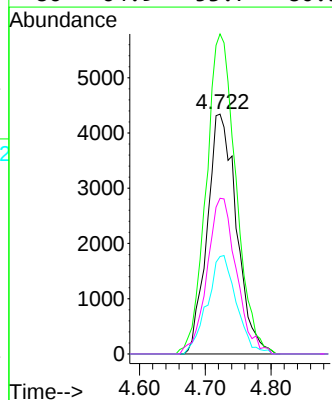
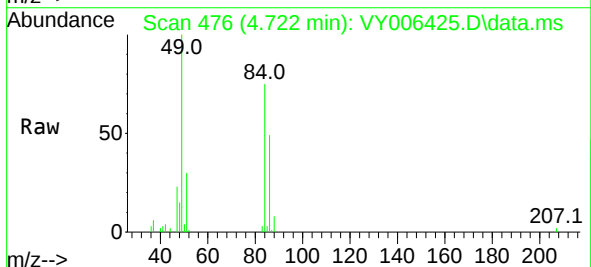


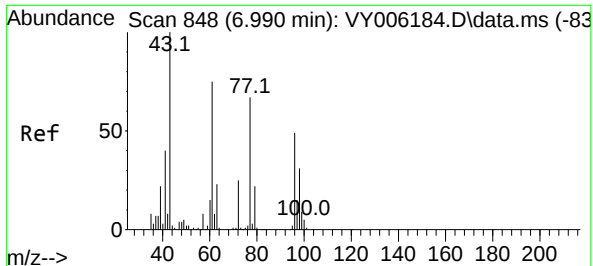
Tgt Ion: 43 Resp: 1584
Ion Ratio Lower Upper
43 100
58 21.3 22.0 33.0#



#20
Methylene Chloride
Concen: 8.058 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006425.D
Acq: 21 Oct 2021 15:07

Tgt Ion: 84 Resp: 13465
Ion Ratio Lower Upper
84 100
49 133.4 114.4 171.6
51 40.6 35.3 52.9
86 64.9 53.7 80.5





#25

2-Butanone

Concen: 1.535 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY006425.D

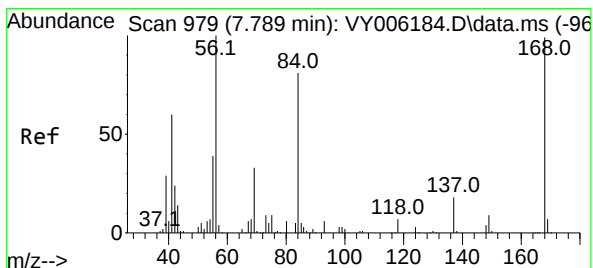
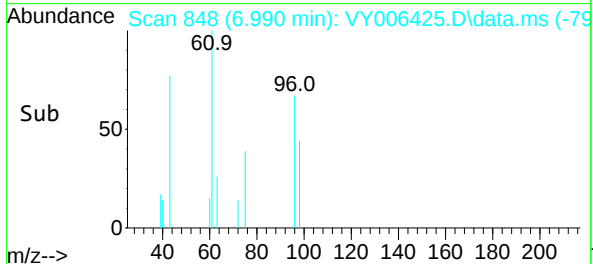
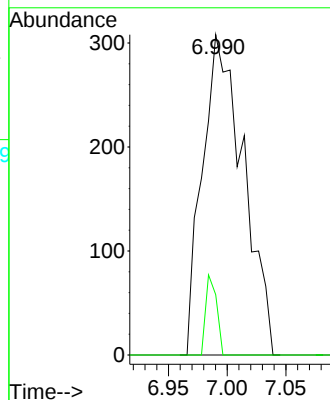
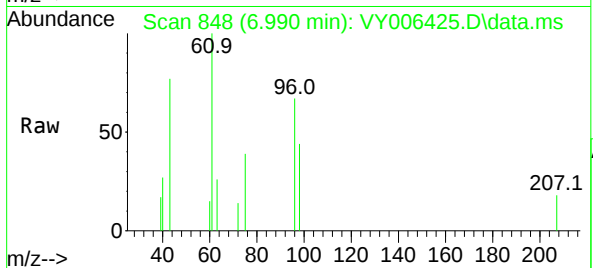
Acq: 21 Oct 2021 15:07

Tgt Ion: 43 Resp: 746

Ion Ratio Lower Upper

43 100

72 18.8 17.7 26.5



#31

Cyclohexane

Concen: 1.630 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY006425.D

Acq: 21 Oct 2021 15:07

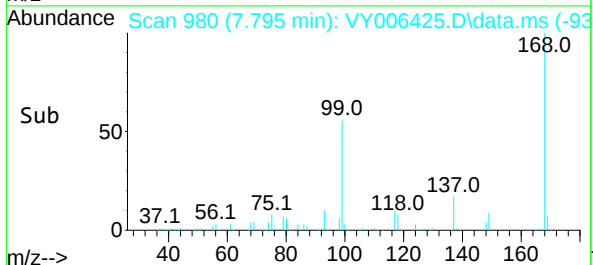
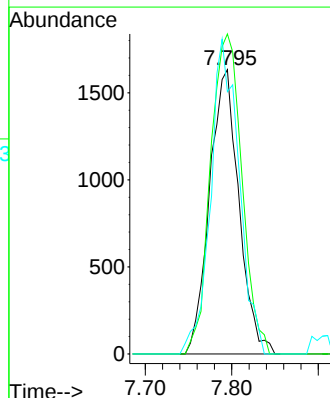
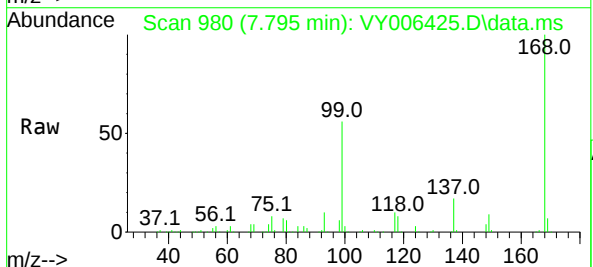
Tgt Ion: 56 Resp: 3857

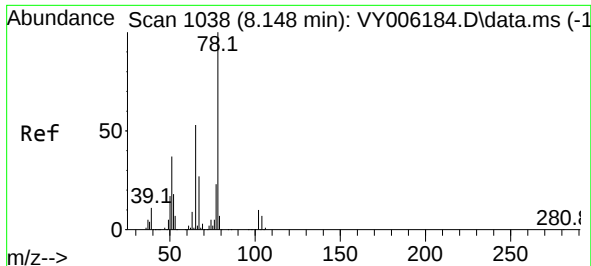
Ion Ratio Lower Upper

56 100

69 112.6 26.7 40.1#

84 92.2 67.2 100.8

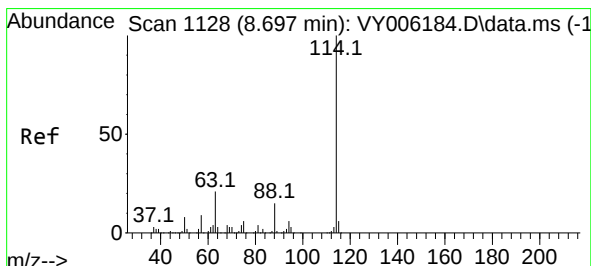
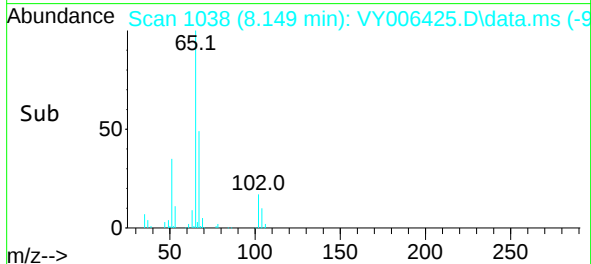
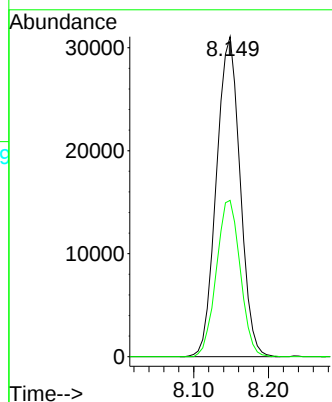
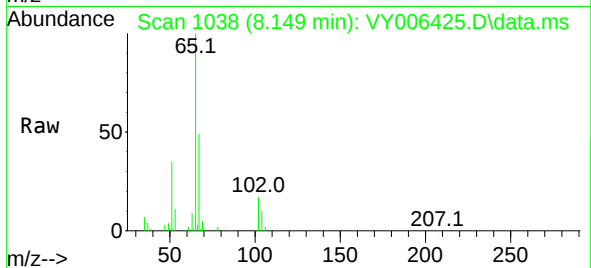




#33
 1,2-Dichloroethane-d4
 Concen: 54.759 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY006425.D
 Acq: 21 Oct 2021 15:07

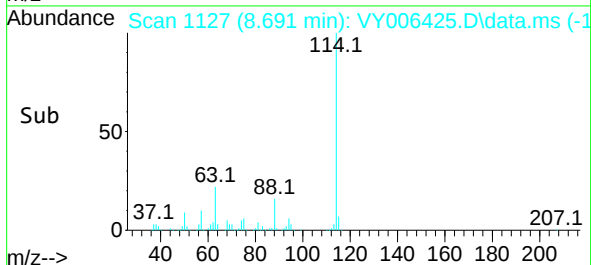
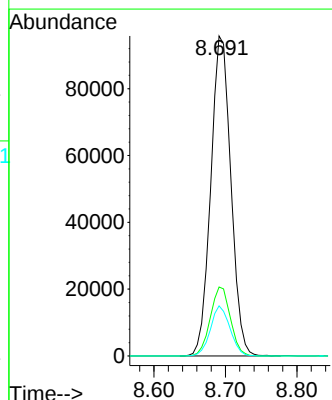
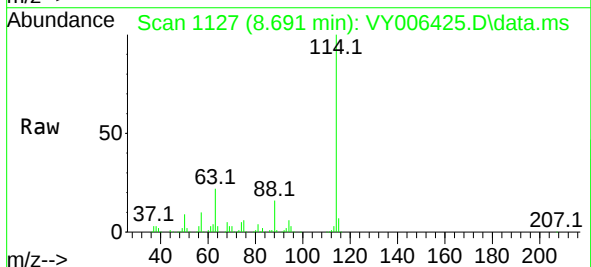
Instrument :
 MSVOA_Y
 ClientSampleId :

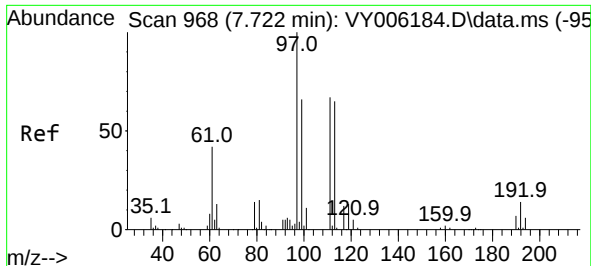
Tgt Ion: 65 Resp: 68384
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VY006425.D
 Acq: 21 Oct 2021 15:07

Tgt Ion: 114 Resp: 186862
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 15.6 0.0 31.8

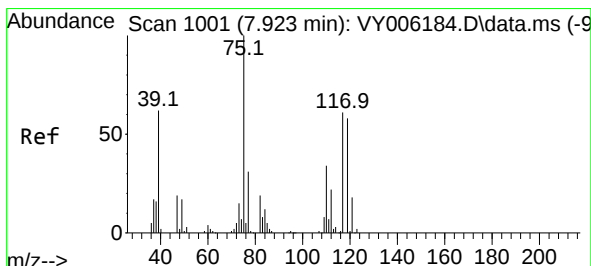
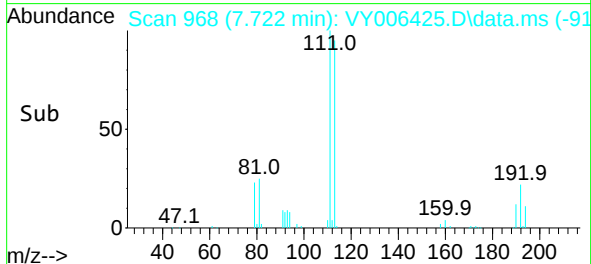
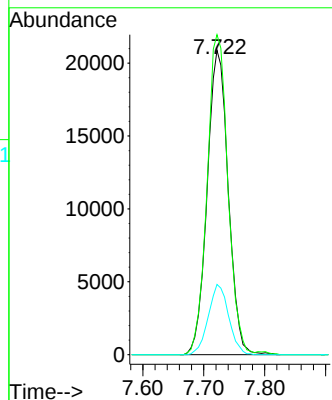
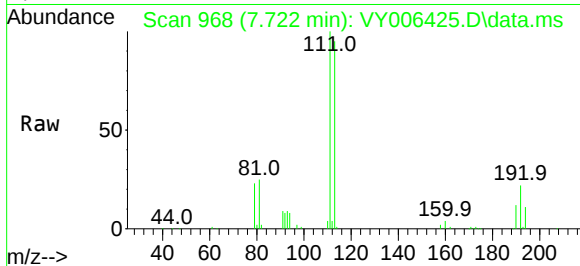




#35
Dibromofluoromethane
Concen: 50.301 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006425.D
Acq: 21 Oct 2021 15:07

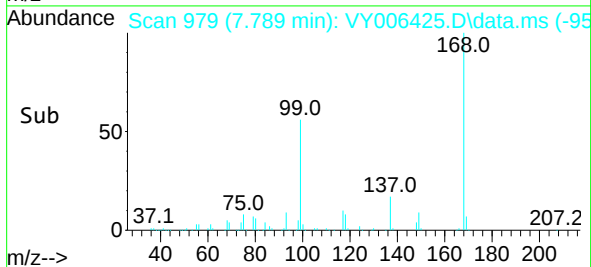
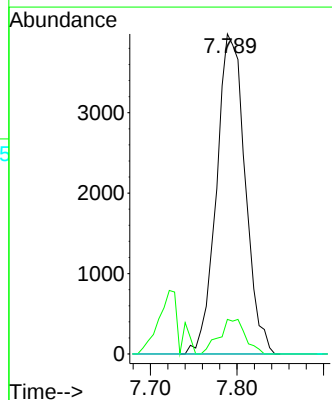
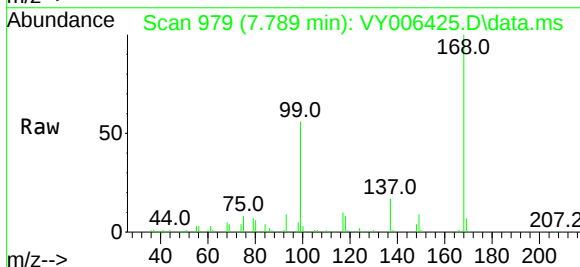
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ClientSampleId :

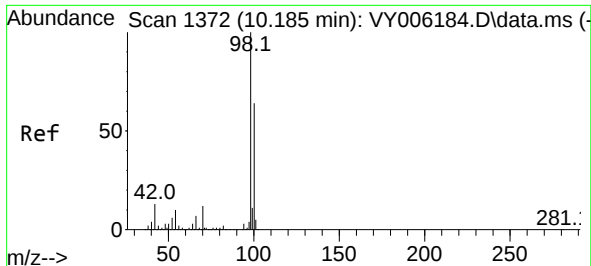
Tgt Ion:113 Resp: 50217
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 22.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.906 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY006425.D
Acq: 21 Oct 2021 15:07

Tgt Ion: 75 Resp: 9122
Ion Ratio Lower Upper
75 100
110 10.0 17.1 51.2#
77 0.0 24.4 36.6#

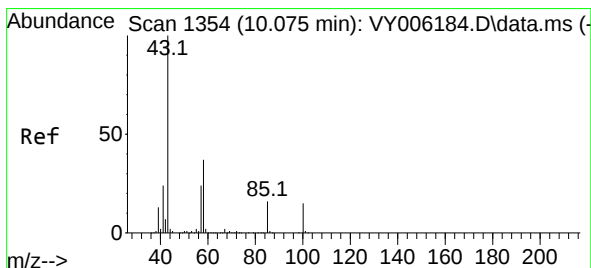
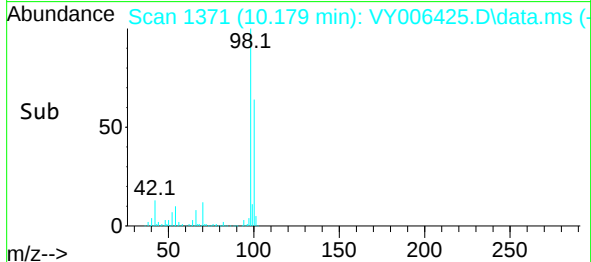
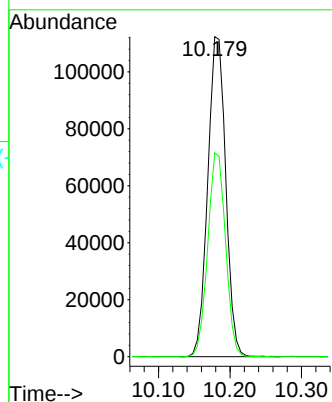
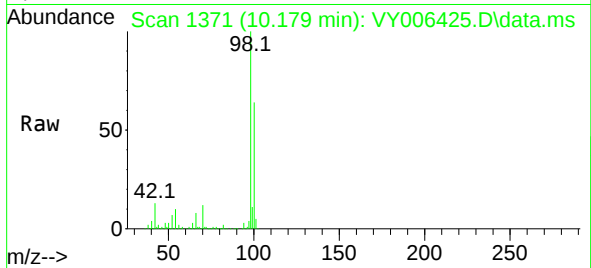




#50
Toluene-d8
Concen: 46.936 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006425.D
Acq: 21 Oct 2021 15:07

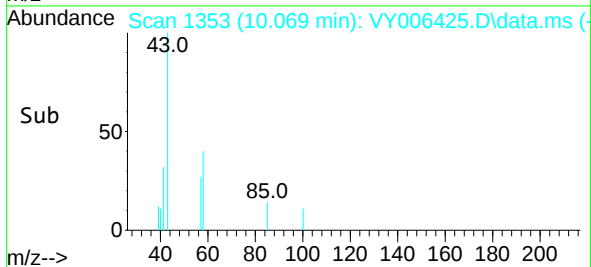
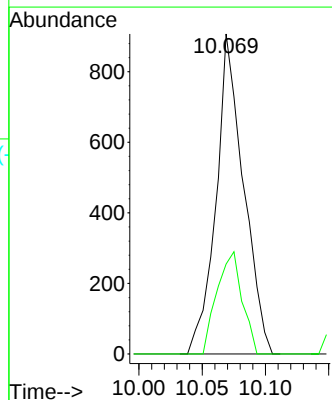
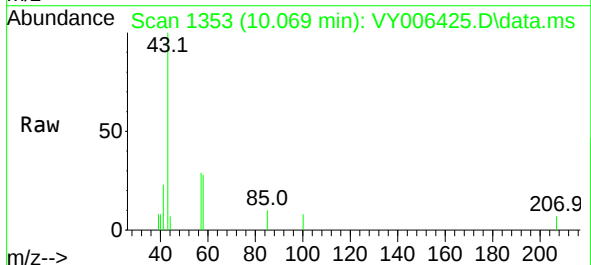
Instrument :
MSVOA_Y
ClientSampled :

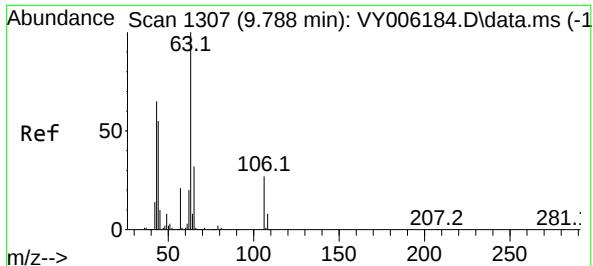
Tgt Ion: 98 Resp: 196109
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.267 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY006425.D
Acq: 21 Oct 2021 15:07

Tgt Ion: 43 Resp: 1367
Ion Ratio Lower Upper
43 100
58 29.3 28.1 42.1

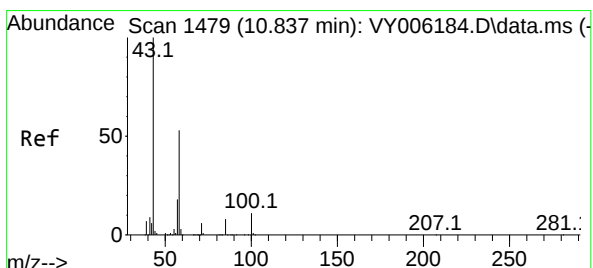
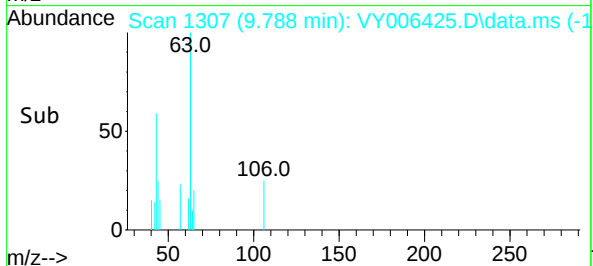
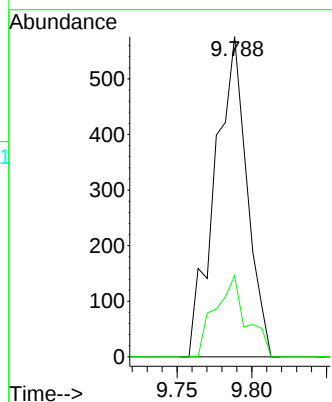
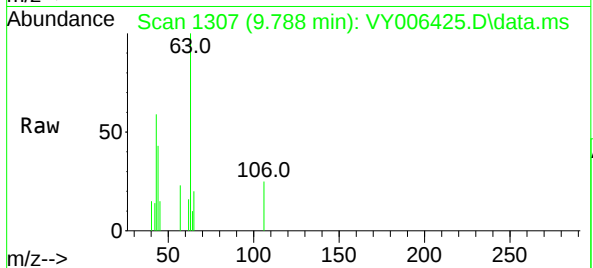




#58
2-Chloroethyl Vinyl ether
Concen: 1.190 ug/l
RT: 9.788 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY006425.D
Acq: 21 Oct 2021 15:07

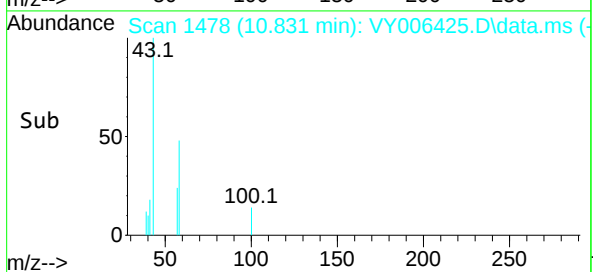
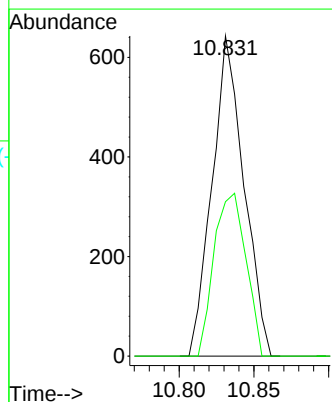
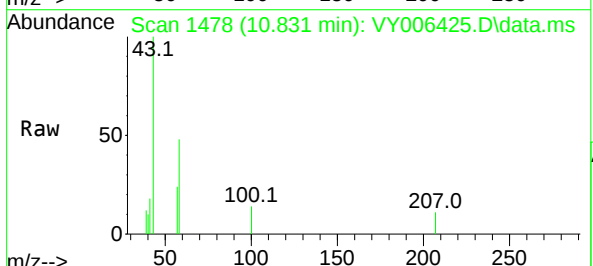
Instrument :
MSVOA_Y
ClientSampled :

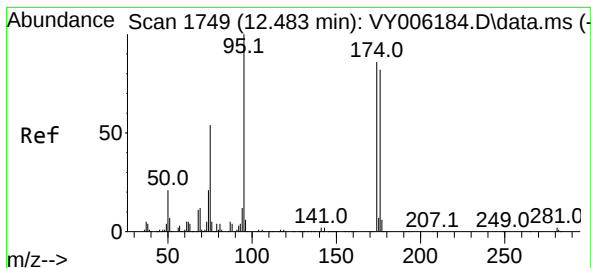
Tgt Ion: 63 Resp: 862
Ion Ratio Lower Upper
63 100
106 24.7 21.5 32.3



#59
2-Hexanone
Concen: 1.238 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY006425.D
Acq: 21 Oct 2021 15:07

Tgt Ion: 43 Resp: 951
Ion Ratio Lower Upper
43 100
58 50.9 24.4 73.4

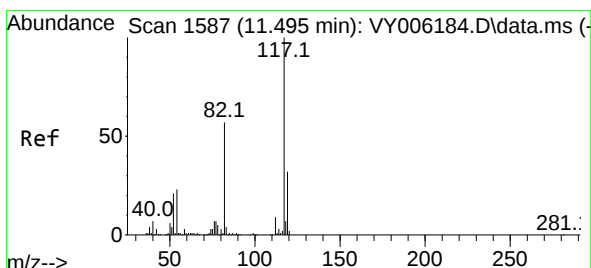
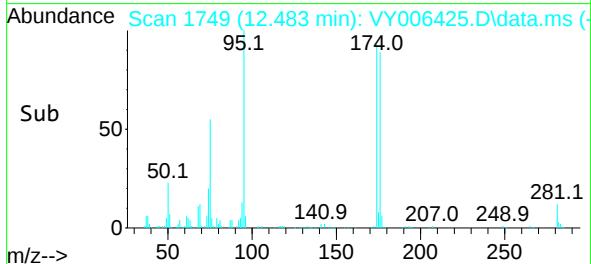
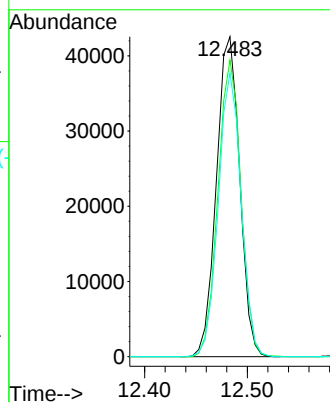
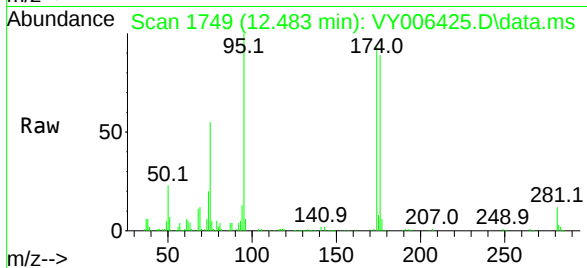




#62
4-Bromofluorobenzene
Concen: 47.060 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006425.D
Acq: 21 Oct 2021 15:07

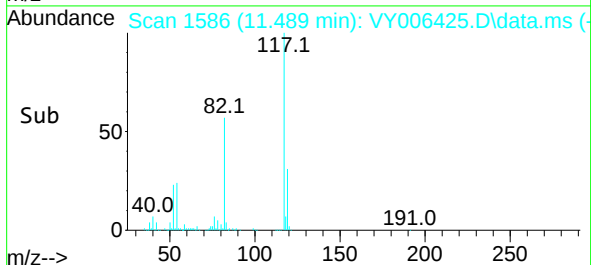
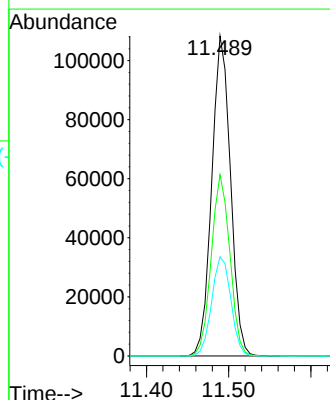
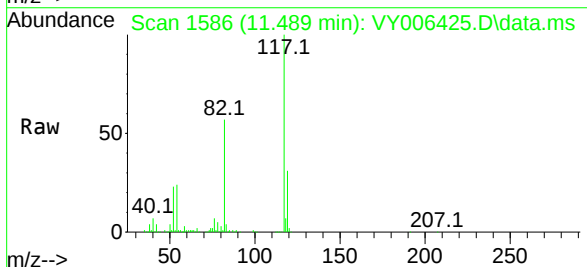
Instrument :
MSVOA_Y
ClientSampleId :

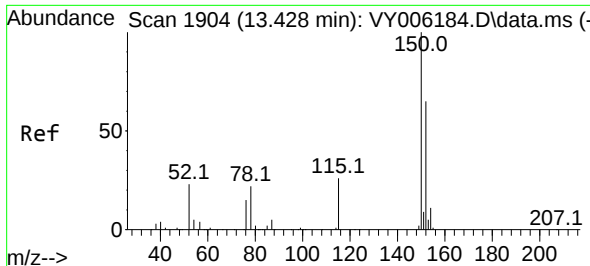
Tgt Ion: 95 Resp: 66796
Ion Ratio Lower Upper
95 100
174 91.7 0.0 177.0
176 87.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006425.D
Acq: 21 Oct 2021 15:07

Tgt Ion: 117 Resp: 171532
Ion Ratio Lower Upper
117 100
82 56.7 43.0 64.4
119 31.0 25.4 38.0

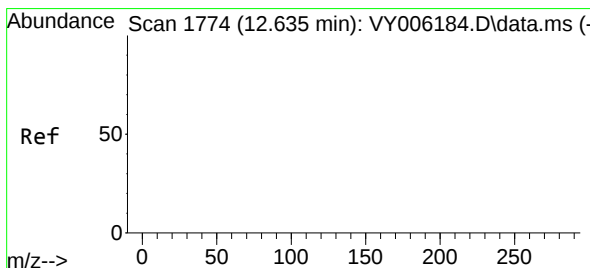
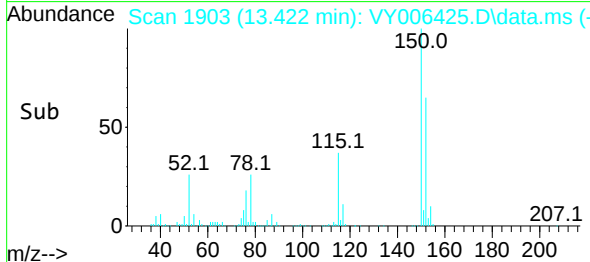
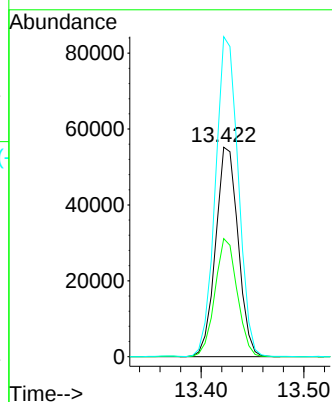
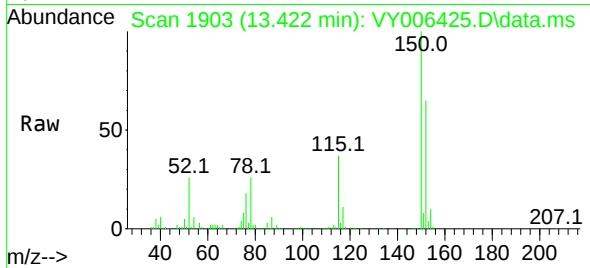




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY006425.D
 Acq: 21 Oct 2021 15:07

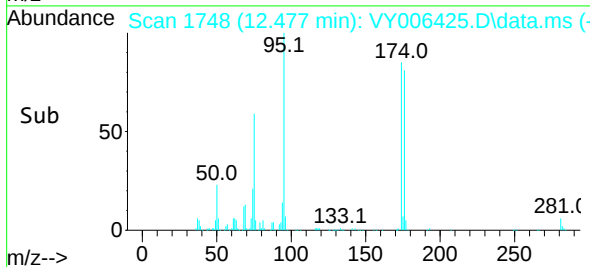
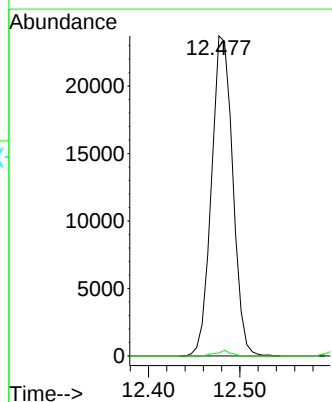
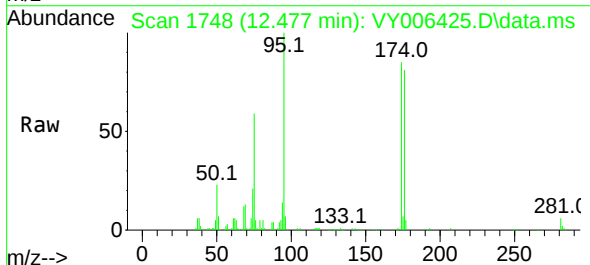
Instrument :
 MSVOA_Y
 ClientSampleId :

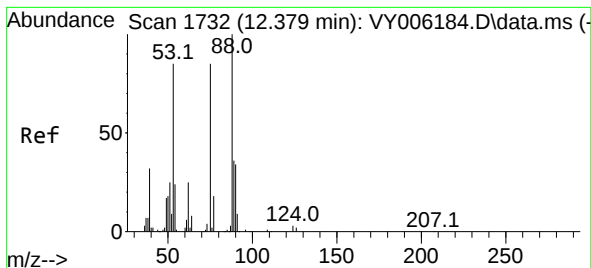
Tgt Ion:152 Resp: 83888
 Ion Ratio Lower Upper
 152 100
 115 55.8 28.2 84.7
 150 155.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 47.039 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY006425.D
 Acq: 21 Oct 2021 15:07

Tgt Ion: 75 Resp: 38353
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

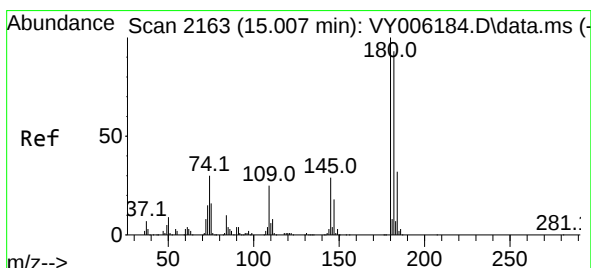
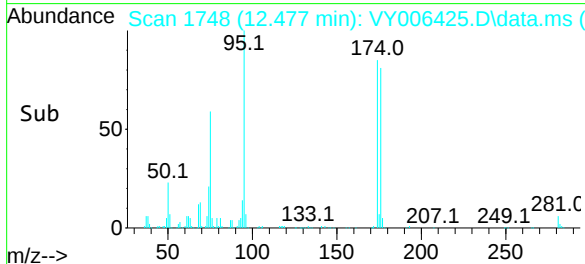
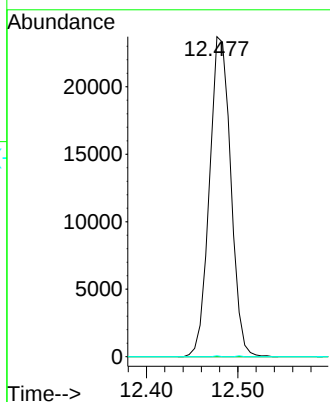
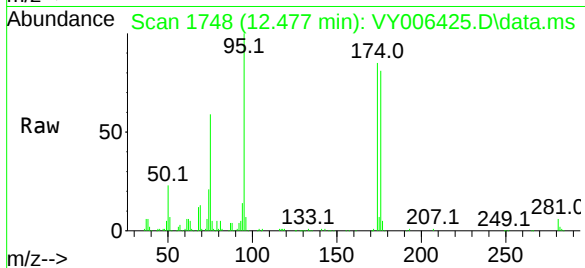




#81
trans-1,4-Dichloro-2-butene
Concen: 92.438 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY006425.D
Acq: 21 Oct 2021 15:07

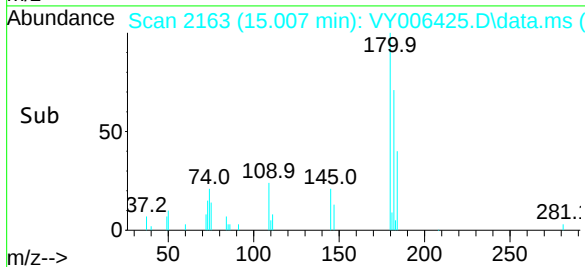
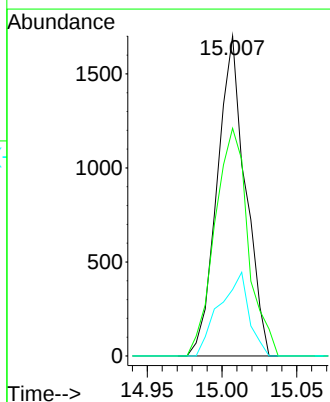
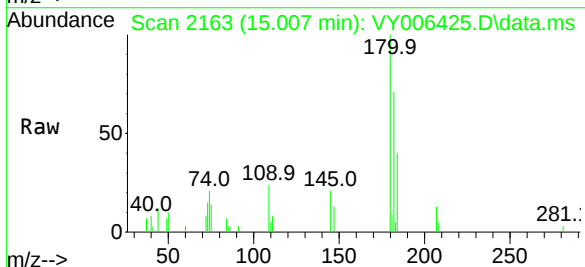
Instrument :
MSVOA_Y
ClientSampleId :

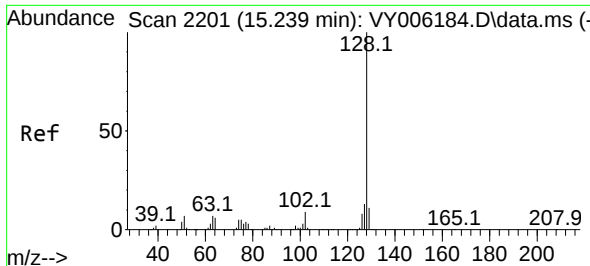
Tgt Ion: 75 Resp: 38353
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#



#93
1,2,4-Trichlorobenzene
Concen: 1.386 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY006425.D
Acq: 21 Oct 2021 15:07

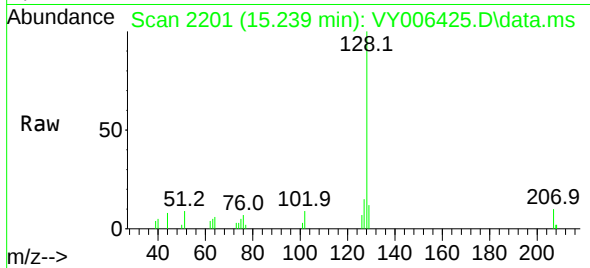
Tgt Ion:180 Resp: 2236
Ion Ratio Lower Upper
180 100
182 83.9 47.3 141.9
145 27.4 14.6 43.8



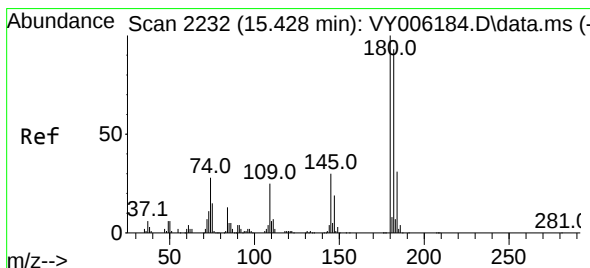
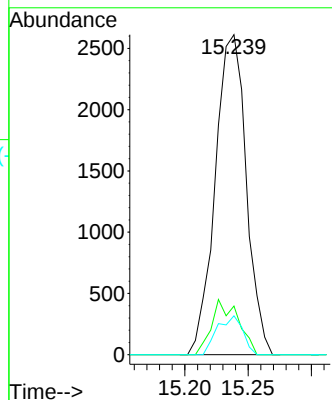
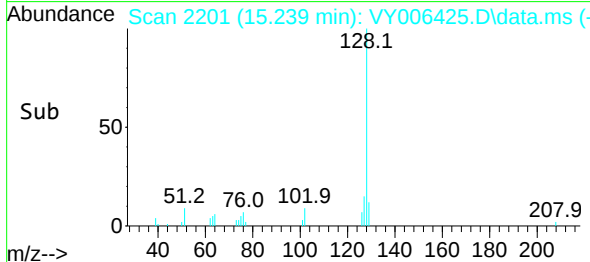


#95
Naphthalene
Concen: 1.391 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY006425.D
Acq: 21 Oct 2021 15:07

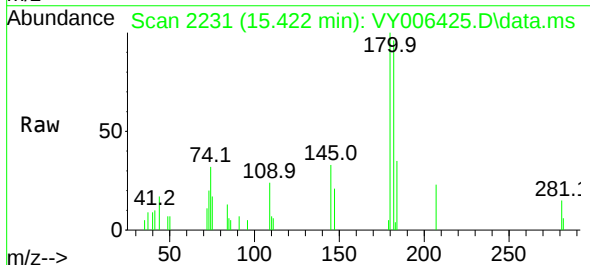
Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion:	128	Resp:	4458
Ion	Ratio	Lower	Upper
128	100		
127	14.9	11.0	16.4
129	10.0	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 1.486 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY006425.D
Acq: 21 Oct 2021 15:07



Tgt Ion:	180	Resp:	2125
Ion	Ratio	Lower	Upper
180	100		
182	92.0	47.3	141.9
145	31.4	15.3	45.9

