

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101623\
 Data File : VY015990.D
 Acq On : 16 Oct 2023 17:27
 Operator : SY/MD
 Sample : 04892-05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 17 05:45:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

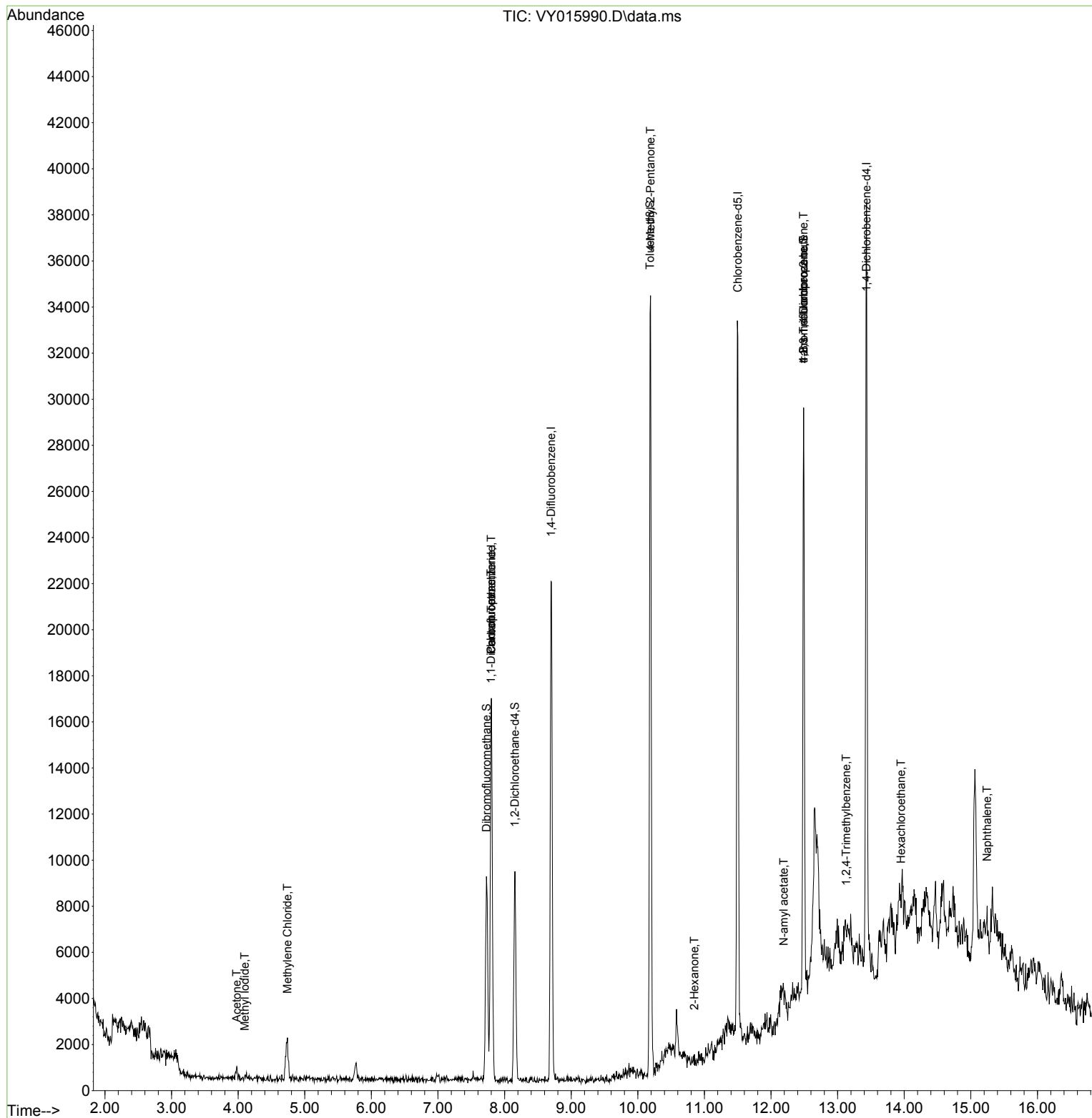
Internal Standards						
1) Pentafluorobenzene	7.801	168	12772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	19587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	17951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	8462	50.000	ug/l	0.00

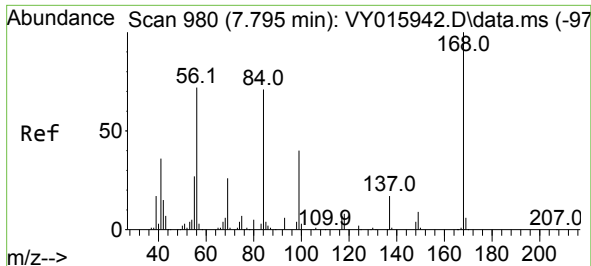
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	7026	48.201	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.400%
35) Dibromofluoromethane	7.728	113	6471	52.477	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.960%
50) Toluene-d8	10.185	98	22856	49.494	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.980%
62) 4-Bromofluorobenzene	12.489	95	8044	48.919	ug/l	0.00
Spiked Amount						

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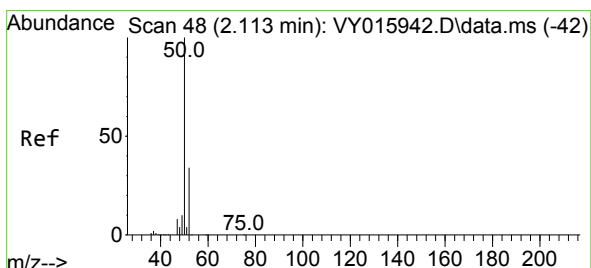
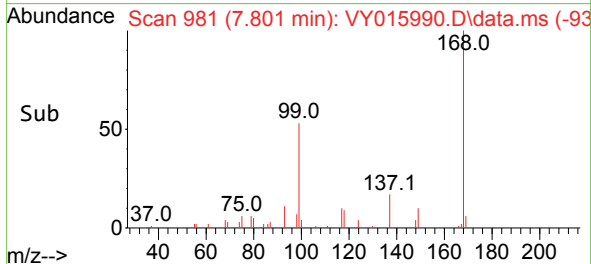
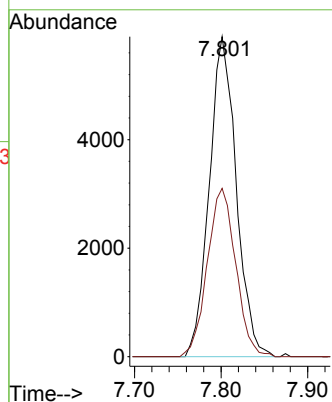
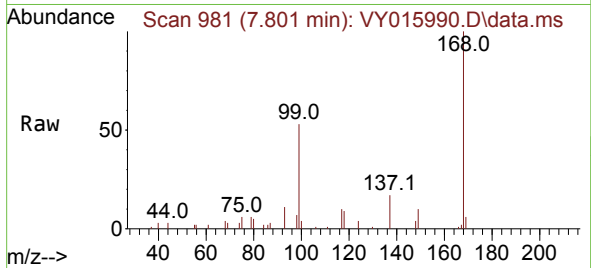




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015990.D
Acq: 16 Oct 2023 17:27

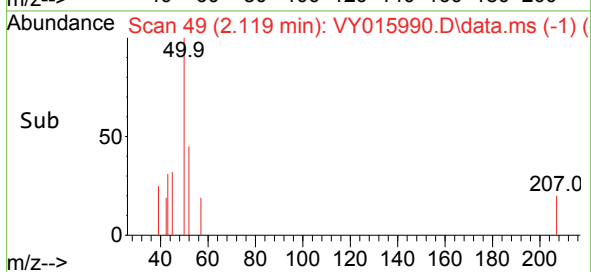
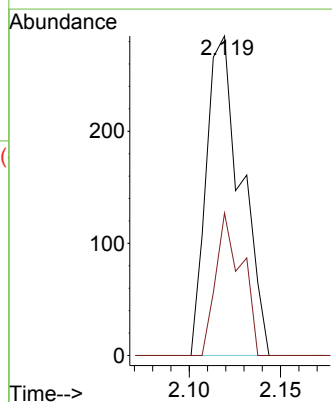
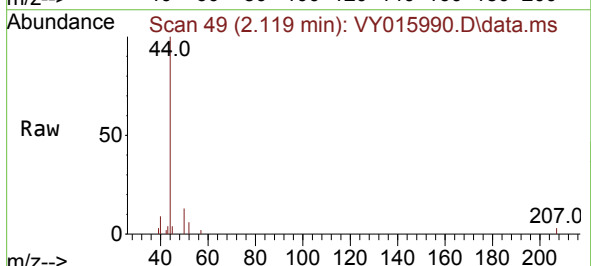
Instrument :
MSVOA_Y
ClientSampleId :

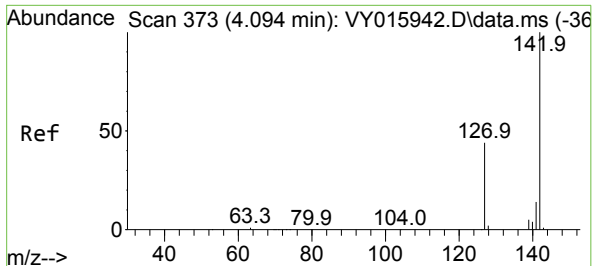
Tgt Ion:168 Resp: 12772
Ion Ratio Lower Upper
168 100
99 52.6 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY015990.D
Acq: 16 Oct 2023 17:27

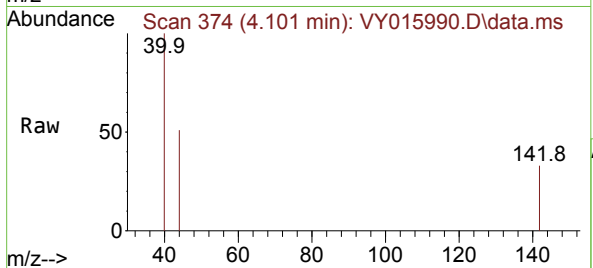
Tgt Ion: 50 Resp: 377
Ion Ratio Lower Upper
50 100
52 44.6 25.4 38.2#



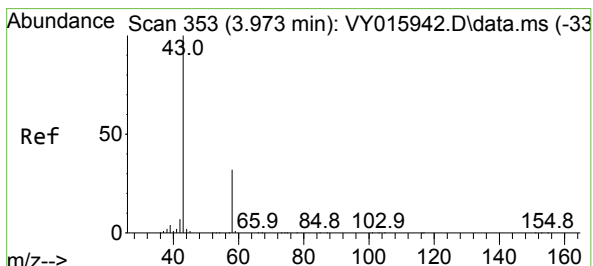
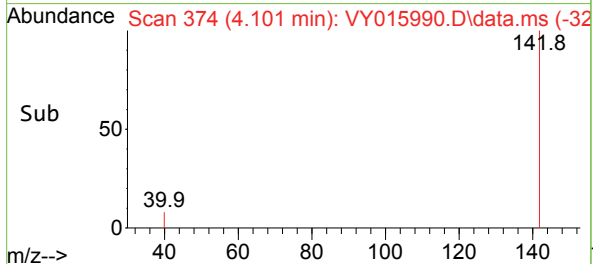
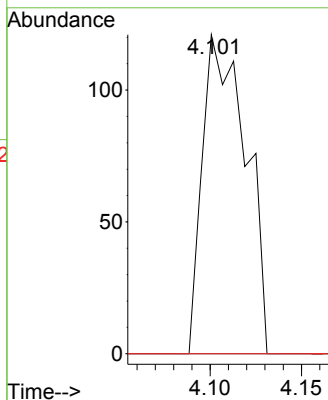


#10
Methyl Iodide
Concen: 1.313 ug/l
RT: 4.101 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY015990.D
Acq: 16 Oct 2023 17:27

Instrument :
MSVOA_Y
ClientSampleId :

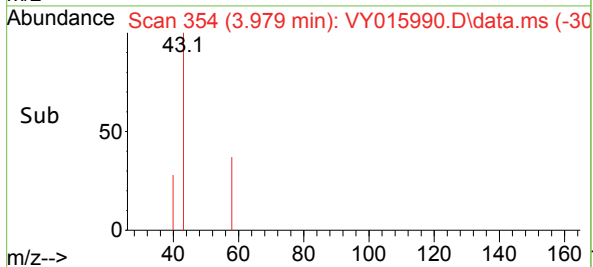
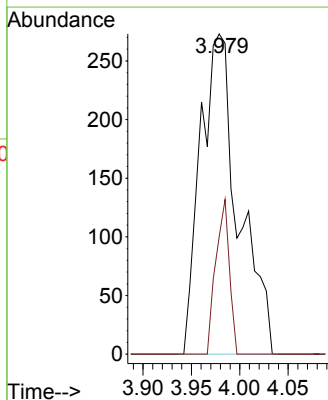
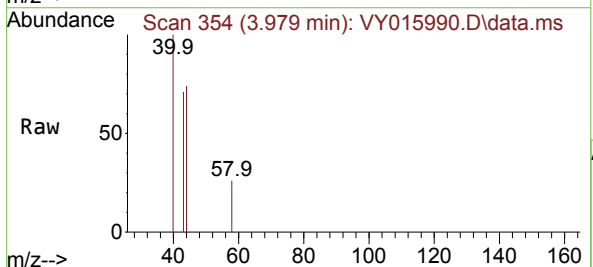


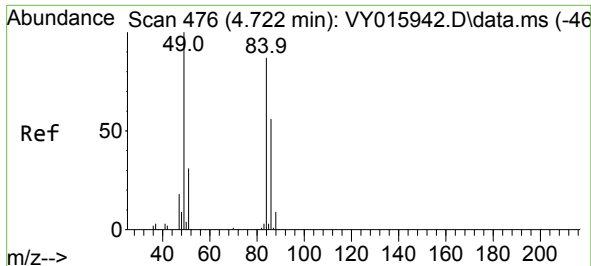
Tgt Ion:142 Resp: 199
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



#16
Acetone
Concen: 8.834 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY015990.D
Acq: 16 Oct 2023 17:27

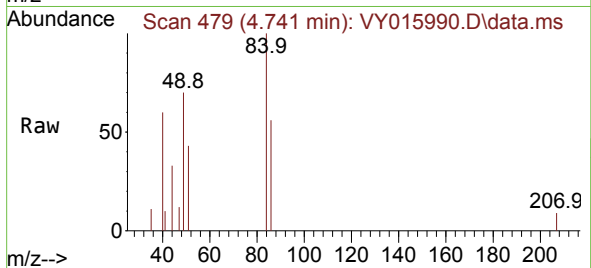
Tgt Ion: 43 Resp: 748
Ion Ratio Lower Upper
43 100
58 36.6 22.7 34.1#





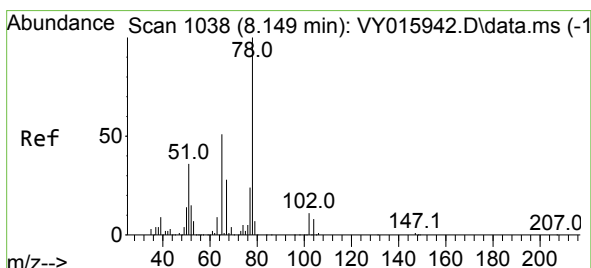
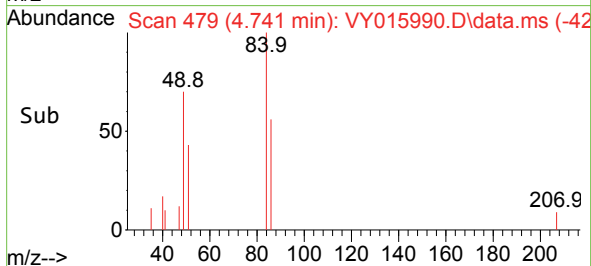
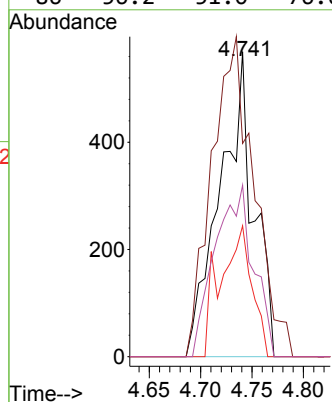
#20
Methylene Chloride
Concen: 4.099 ug/l
RT: 4.741 min Scan# 41
Delta R.T. 0.019 min
Lab File: VY015990.D
Acq: 16 Oct 2023 17:27

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 1279

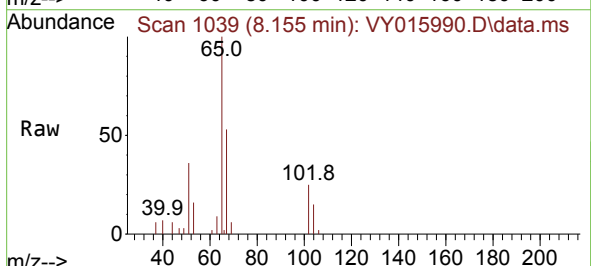
Ion	Ratio	Lower	Upper
84	100		
49	69.9	106.9	160.3#
51	42.9	33.2	49.8
86	56.2	51.0	76.6

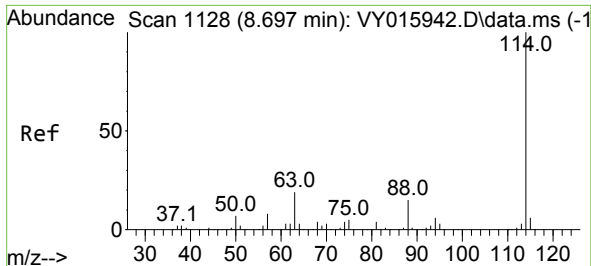


#33
1,2-Dichloroethane-d4
Concen: 48.201 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY015990.D
Acq: 16 Oct 2023 17:27

Tgt Ion: 65 Resp: 7026

Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	101.8

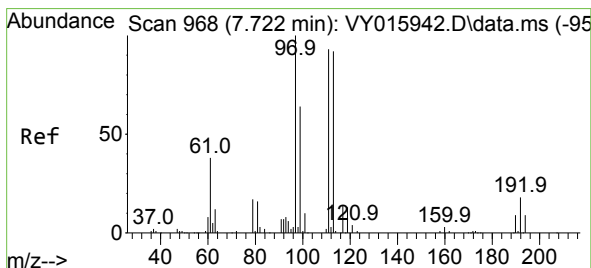
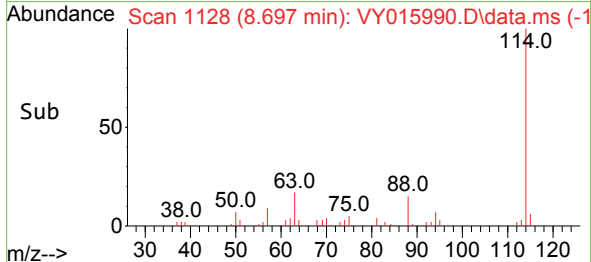
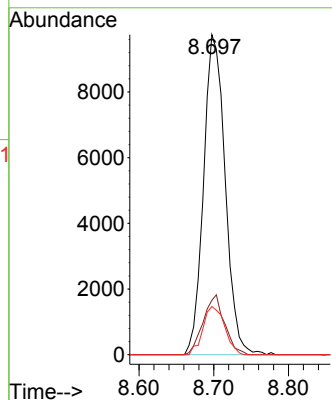
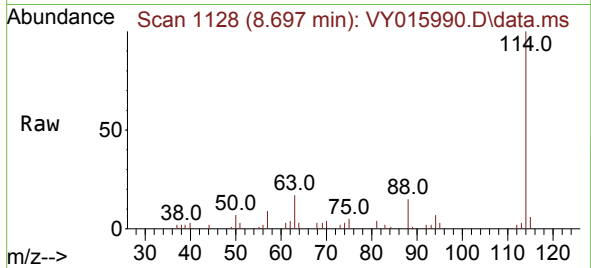




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY015990.D
Acq: 16 Oct 2023 17:27

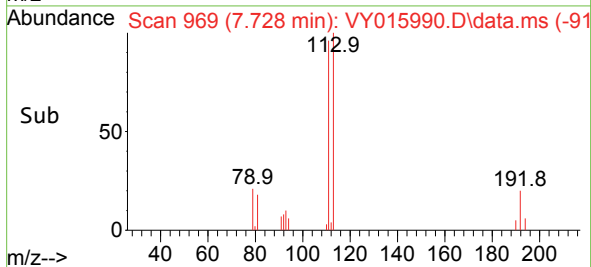
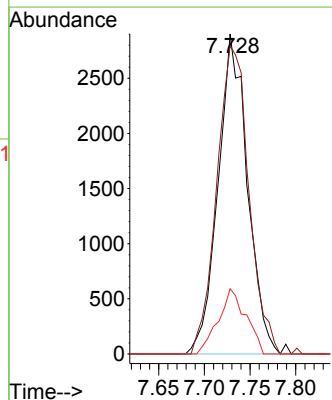
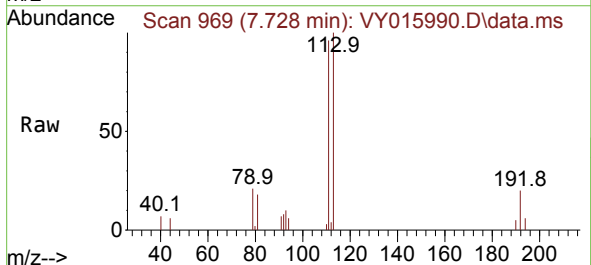
Instrument :
MSVOA_Y
ClientSampleId :

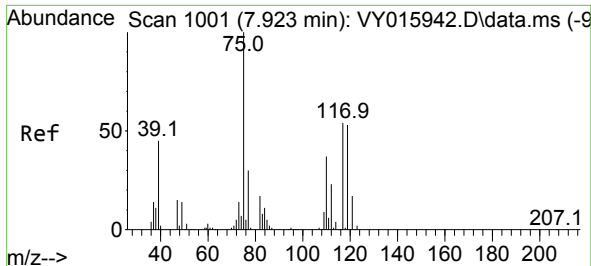
Tgt Ion:114 Resp: 19587
Ion Ratio Lower Upper
114 100
63 17.0 0.0 42.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.477 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY015990.D
Acq: 16 Oct 2023 17:27

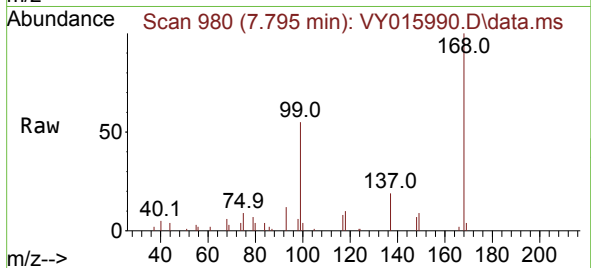
Tgt Ion:113 Resp: 6471
Ion Ratio Lower Upper
113 100
111 105.3 81.3 121.9
192 19.3 16.9 25.3



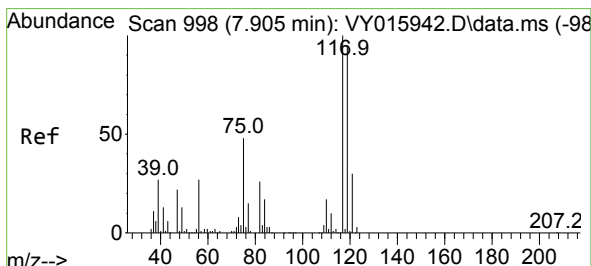
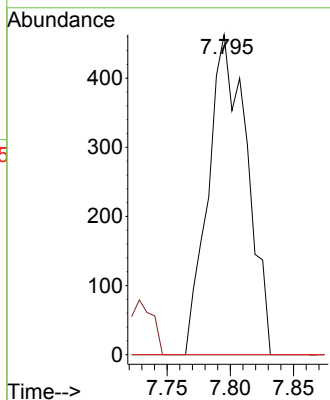
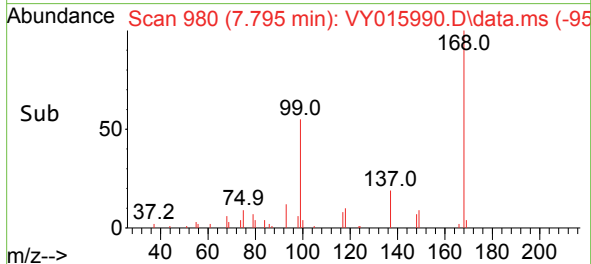


#36
1,1-Dichloropropene
Concen: 5.299 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY015990.D
Acq: 16 Oct 2023 17:27

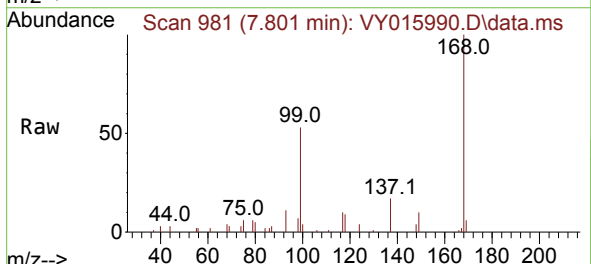
Instrument :
MSVOA_Y
ClientSampleId :



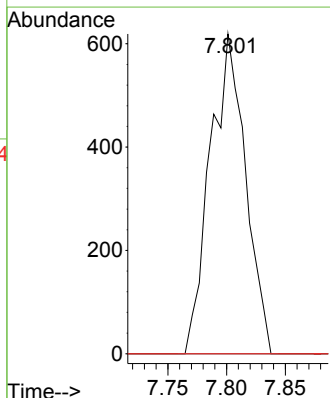
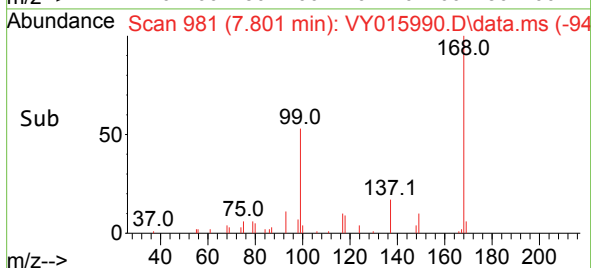
Tgt Ion: 75 Resp: 986
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.5#
77 0.0 24.4 36.6#

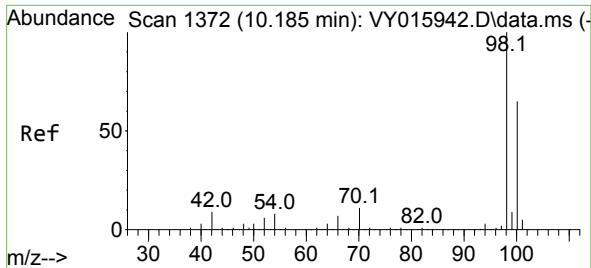


#38
Carbon Tetrachloride
Concen: 6.619 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY015990.D
Acq: 16 Oct 2023 17:27



Tgt Ion: 117 Resp: 1297
Ion Ratio Lower Upper
117 100
119 0.0 76.4 114.6#
121 0.0 25.8 38.6#

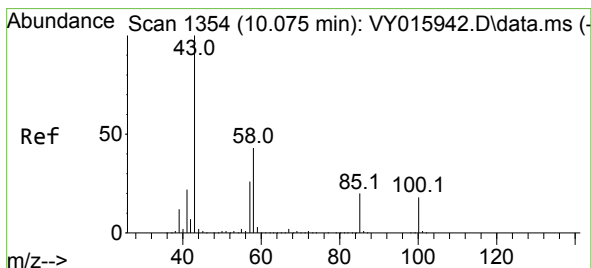
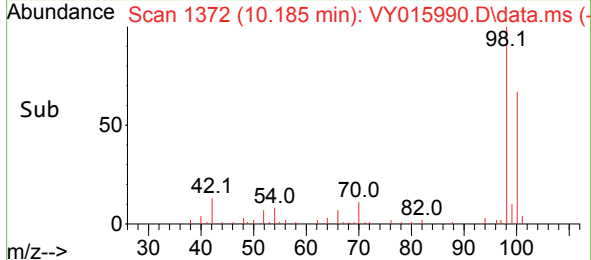
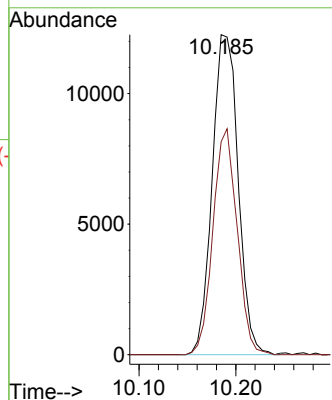
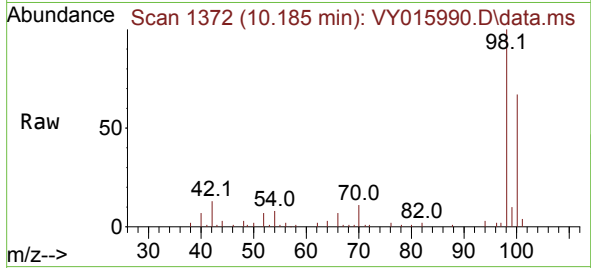




#50
Toluene-d8
Concen: 49.494 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015990.D
Acq: 16 Oct 2023 17:27

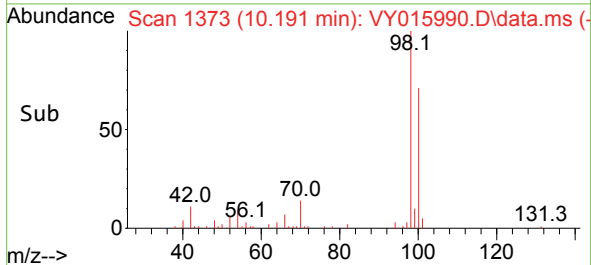
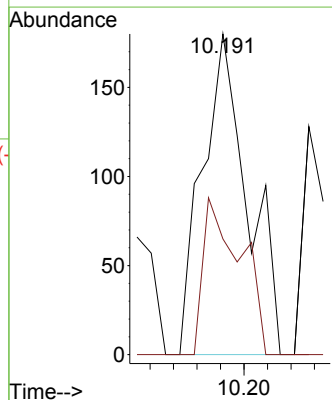
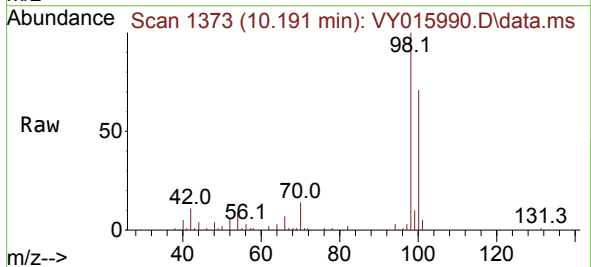
Instrument :
MSVOA_Y
ClientSampleId :

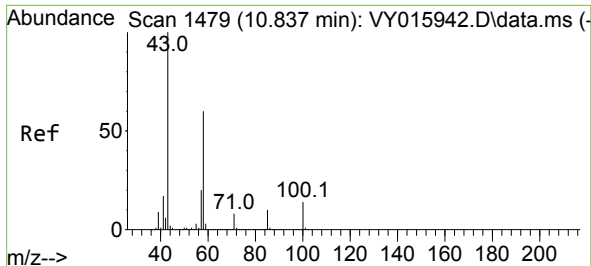
Tgt Ion: 98 Resp: 22856
Ion Ratio Lower Upper
98 100
100 65.9 50.1 75.1



#51
4-Methyl-2-Pentanone
Concen: 1.065 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.116 min
Lab File: VY015990.D
Acq: 16 Oct 2023 17:27

Tgt Ion: 43 Resp: 242
Ion Ratio Lower Upper
43 100
58 40.5 29.0 43.6

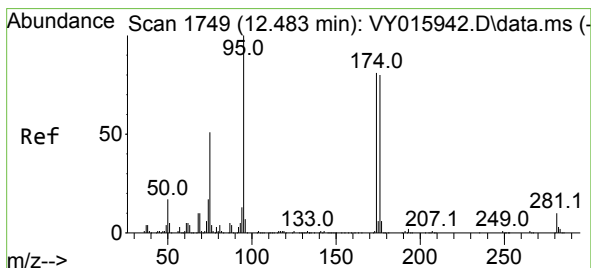
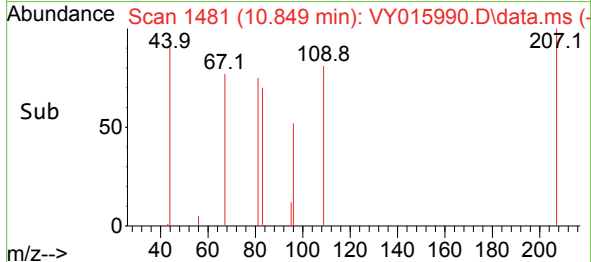
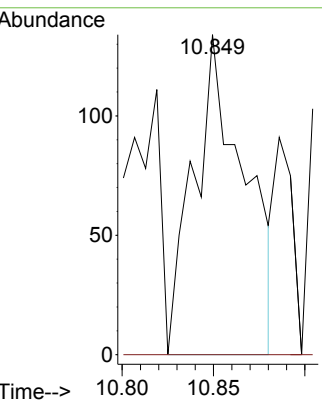
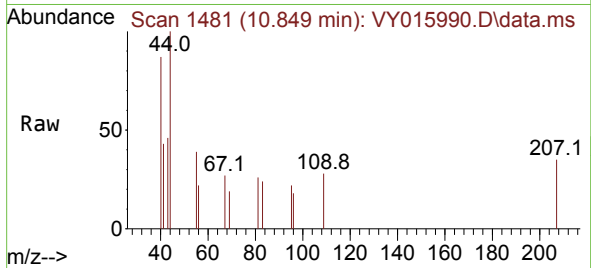




#59
2-Hexanone
Concen: 1.335 ug/l
RT: 10.849 min Scan# 1479
Delta R.T. 0.012 min
Lab File: VY015990.D
Acq: 16 Oct 2023 17:27

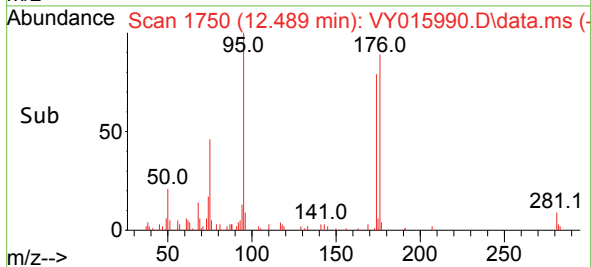
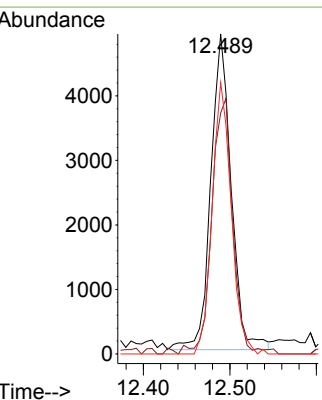
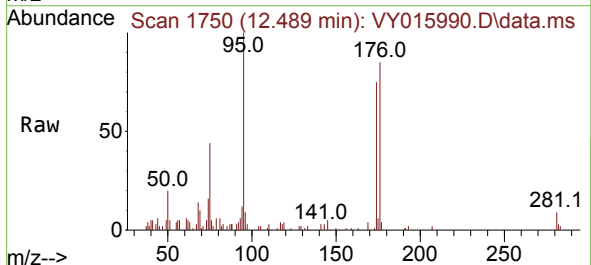
Instrument :
MSVOA_Y
ClientSampleId :

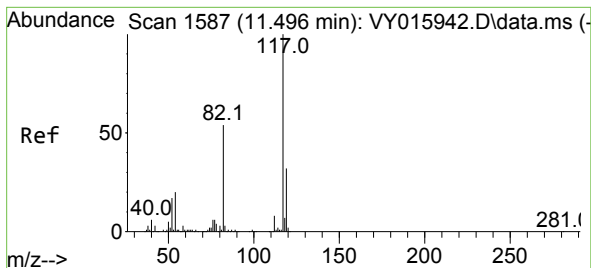
Tgt Ion: 43 Resp: 259
Ion Ratio Lower Upper
43 100
58 0.0 25.1 75.3#



#62
4-Bromofluorobenzene
Concen: 48.919 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015990.D
Acq: 16 Oct 2023 17:27

Tgt Ion: 95 Resp: 8044
Ion Ratio Lower Upper
95 100
174 82.8 0.0 178.2
176 80.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.006 min

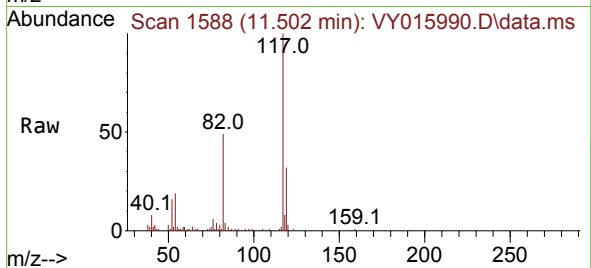
Lab File: VY015990.D

Acq: 16 Oct 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :



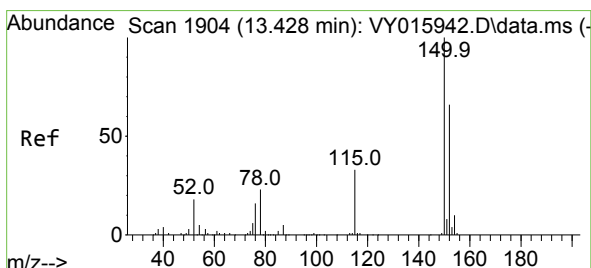
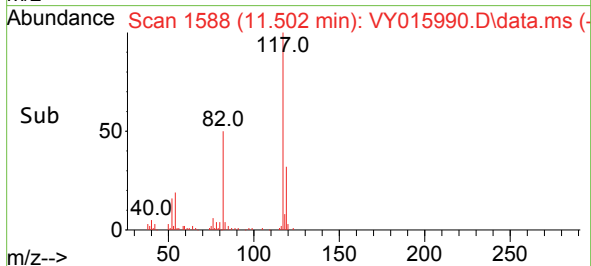
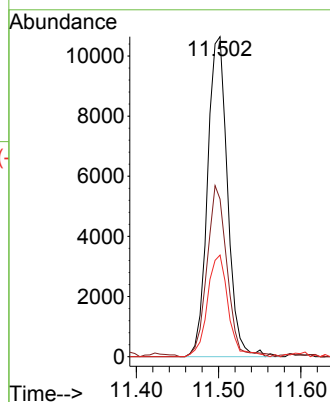
Tgt Ion:117 Resp: 17951

Ion Ratio Lower Upper

117 100

82 49.3 43.4 65.0

119 31.8 26.3 39.5

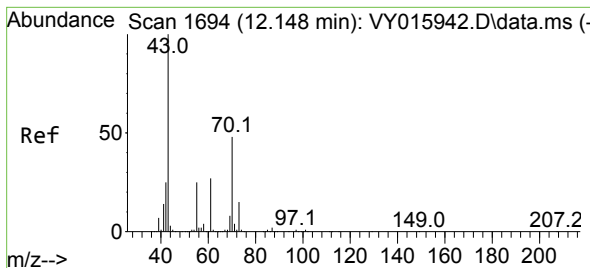


#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13



#74

N-amy1 acetate

Concen: 1.099 ug/l

RT: 12.191 min Scan# 1

Delta R.T. 0.043 min

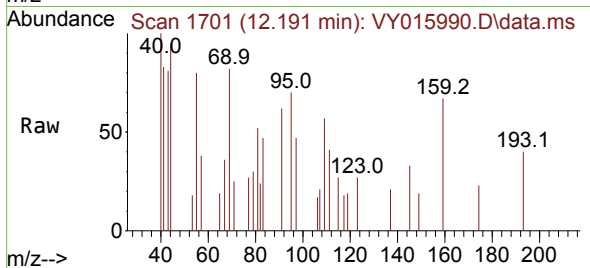
Lab File: VY015990.D

Acq: 16 Oct 2023 17:27

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43 Resp: 266

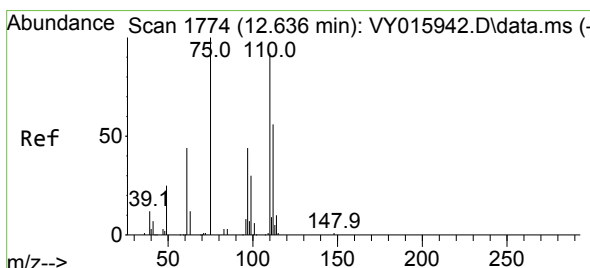
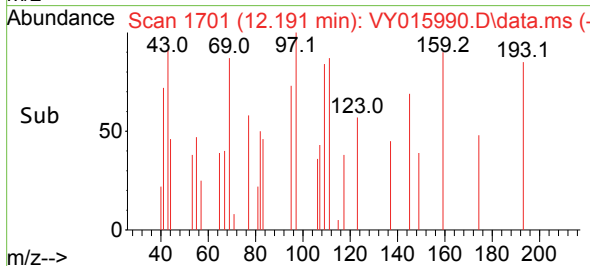
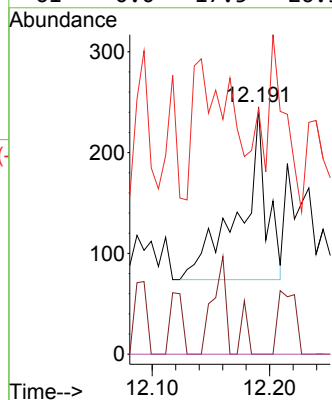
Ion Ratio Lower Upper

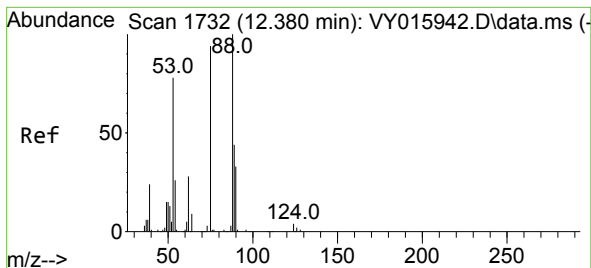
43 100

70 7.1 29.7 44.5#

55 0.0 18.3 27.5#

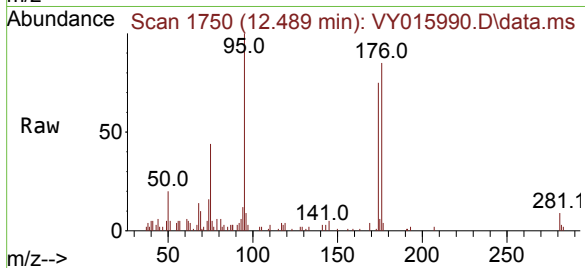
61 0.0 17.5 26.3#



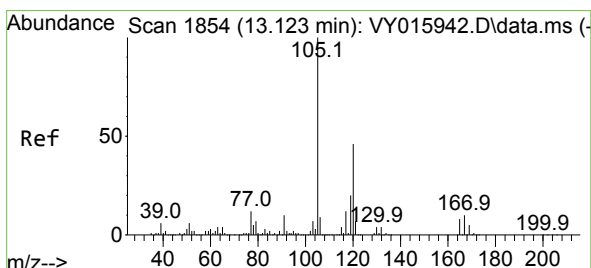
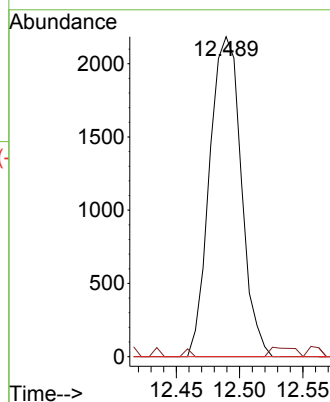
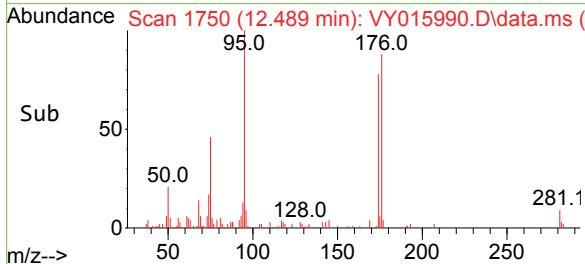


#81
trans-1,4-Dichloro-2-butene
Concen: 54.041 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.110 min
Lab File: VY015990.D
Acq: 16 Oct 2023 17:27

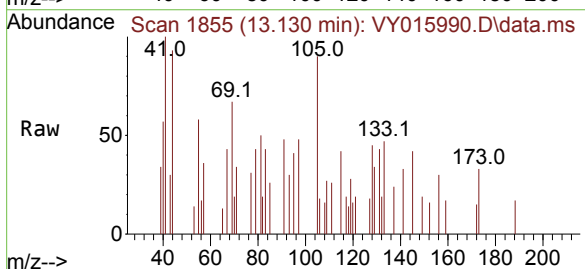
Instrument :
MSVOA_Y
ClientSampleId :



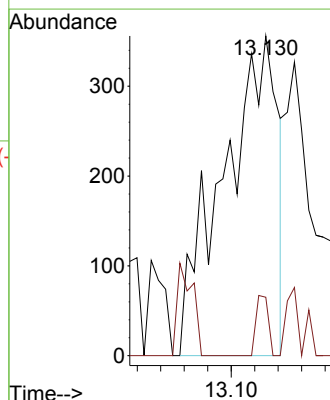
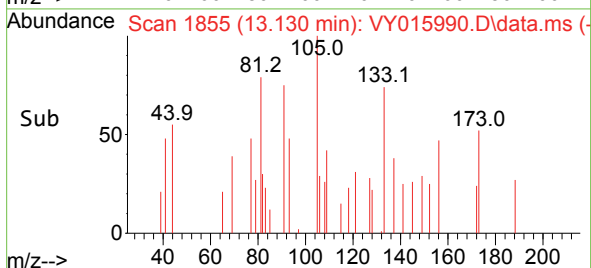
Tgt Ion: 75 Resp: 3799
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

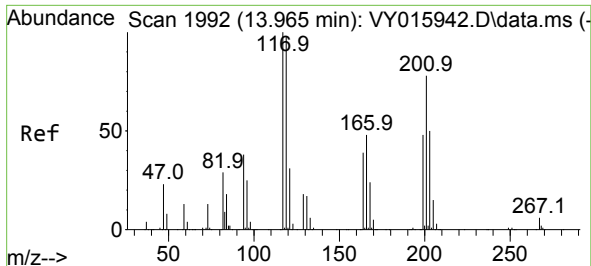


#84
1,2,4-Trimethylbenzene
Concen: 2.288 ug/l
RT: 13.130 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VY015990.D
Acq: 16 Oct 2023 17:27



Tgt Ion: 105 Resp: 1143
Ion Ratio Lower Upper
105 100
120 4.2 22.2 66.6#

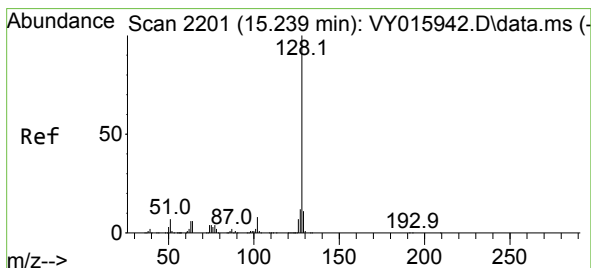
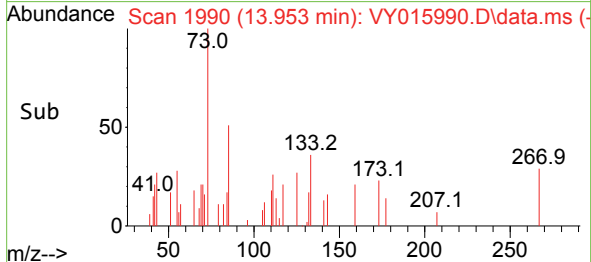
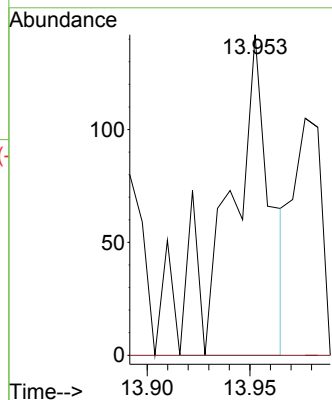
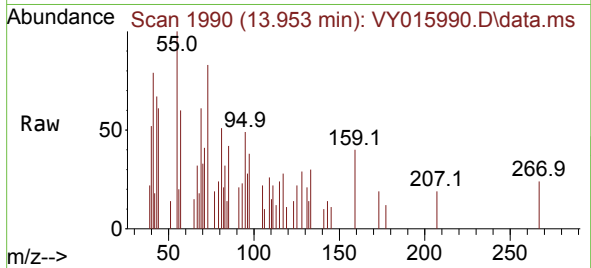




#90
Hexachloroethane
Concen: 1.914 ug/l
RT: 13.953 min Scan# 1990
Delta R.T. -0.012 min
Lab File: VY015990.D
Acq: 16 Oct 2023 17:27

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 199
Ion Ratio Lower Upper
117 100
201 0.0 41.6 124.8#



#95
Naphthalene
Concen: 1.194 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY015990.D
Acq: 16 Oct 2023 17:27

Tgt Ion:128 Resp: 690
Ion Ratio Lower Upper
128 100
127 14.8 10.8 16.2
129 46.8 8.6 13.0#

