

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081321\
 Data File : VY005646.D
 Acq On : 13 Aug 2021 19:58
 Operator : SY/MD
 Sample : M3407-01
 Misc : 6.72G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 25N

Quant Time: Aug 14 03:38:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

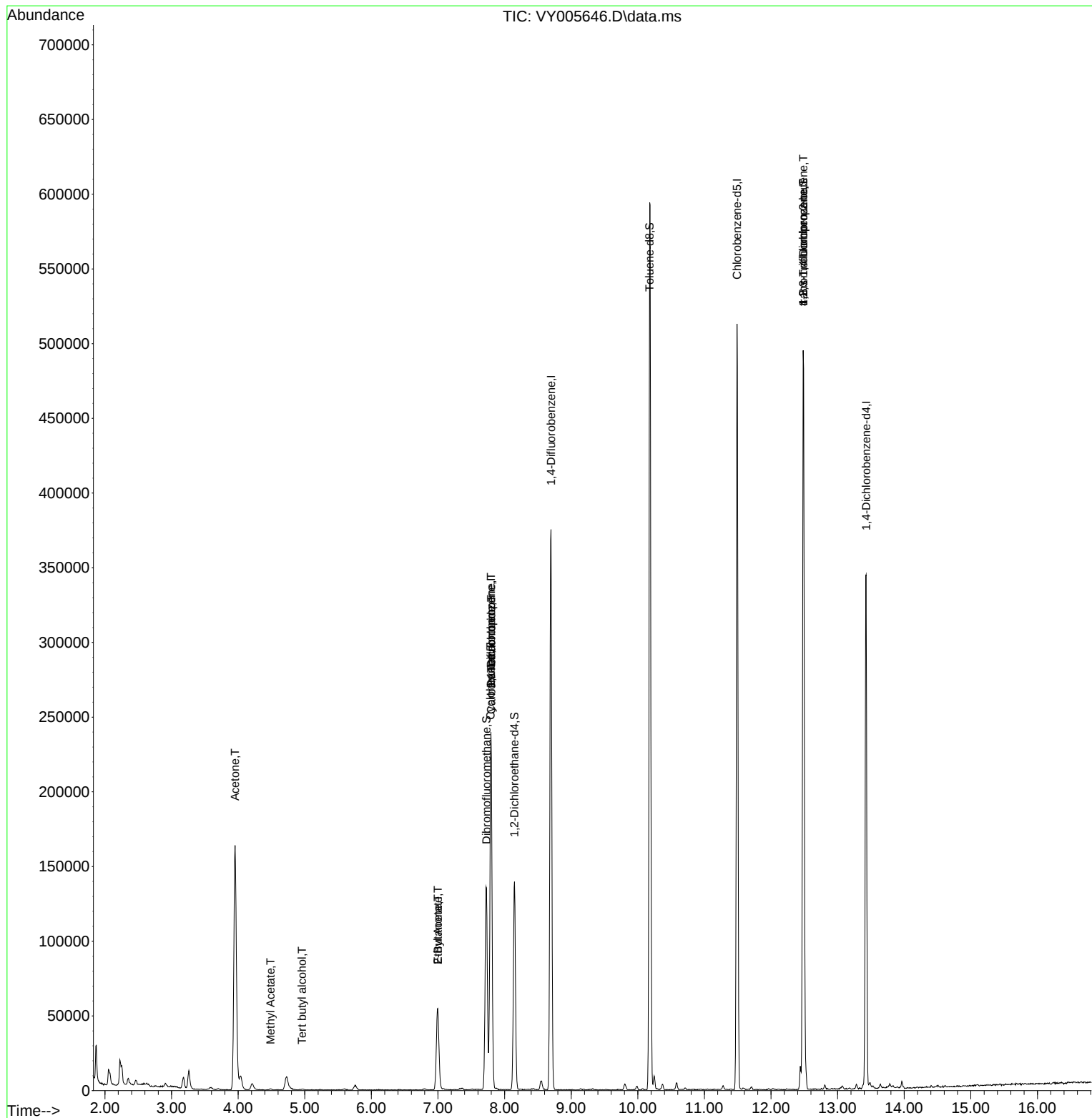
Internal Standards						
1) Pentafluorobenzene	7.795	168	191275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	314047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	270860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	111886	57.787	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.580%
35) Dibromofluoromethane	7.728	113	92927	52.851	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.700%
50) Toluene-d8	10.179	98	387384	52.533	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.060%
62) 4-Bromofluorobenzene	12.483	95	100678	41.229	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.460%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	1088	5.684	ug/l #	73
16) Acetone	3.954	43	286002	585.880	ug/l	97
18) Methyl Acetate	4.485	43	1411	1.105	ug/l	91
20) Methylene Chloride	4.722	84	6009	Below Cal		93
25) 2-Butanone	6.996	43	96192	133.305	ug/l	96
31) Cyclohexane	7.789	56	4139	1.246	ug/l #	12
36) 1,1-Dichloropropene	7.795	75	13995	4.751	ug/l #	49
37) Ethyl Acetate	6.996	43	96192	53.906	ug/l #	69
38) Carbon Tetrachloride	7.801	117	17389	5.432	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	57092	60.522	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	57092	122.005	ug/l #	11

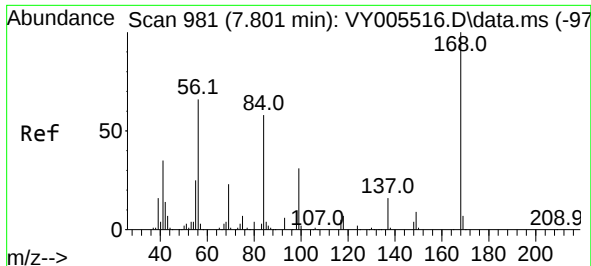
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081321\
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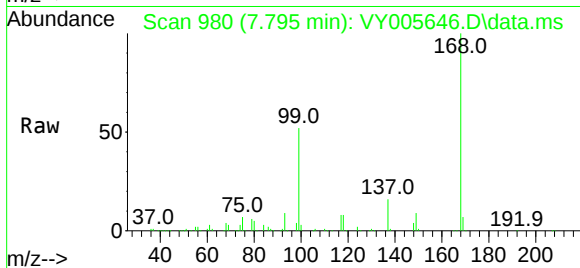
Quant Time: Aug 14 03:38:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration



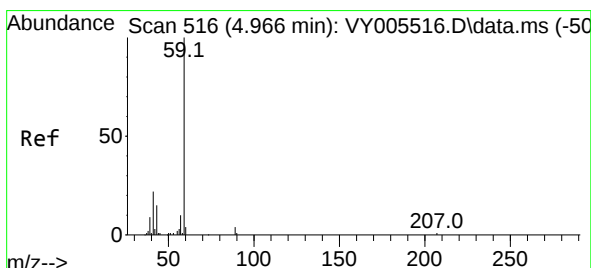
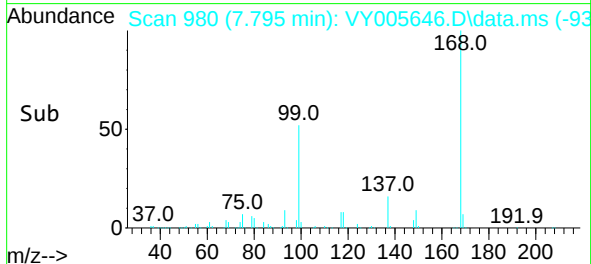
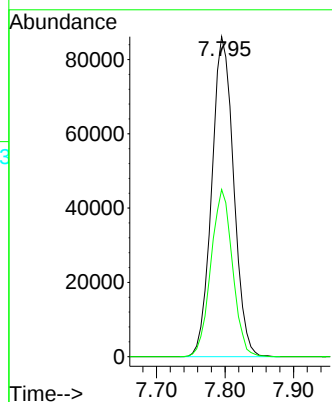


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005646.D
Acq: 13 Aug 2021 19:58

Instrument :
MSVOA_Y
ClientSampled :
25N

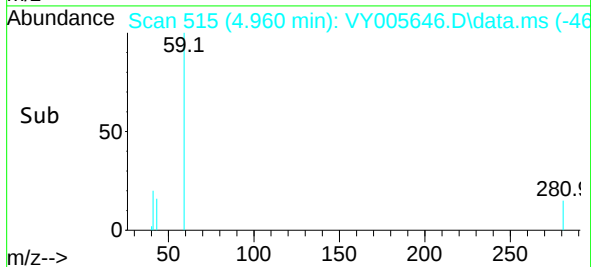
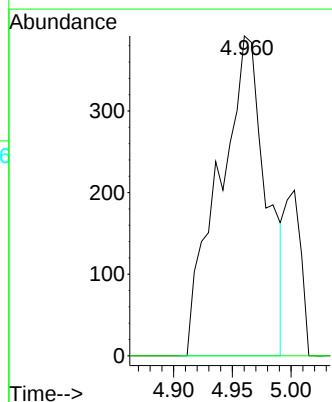
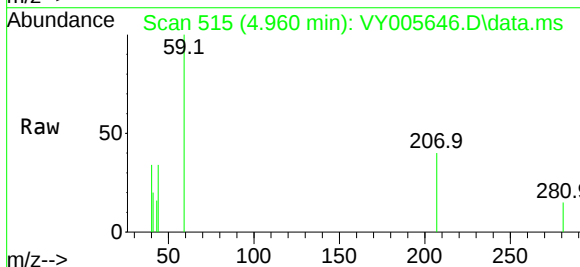


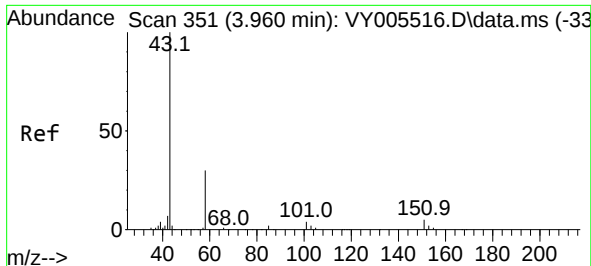
Tgt Ion:168 Resp: 191275
Ion Ratio Lower Upper
168 100
99 52.3 38.9 58.3



#11
Tert butyl alcohol
Concen: 5.684 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY005646.D
Acq: 13 Aug 2021 19:58

Tgt Ion: 59 Resp: 1088
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

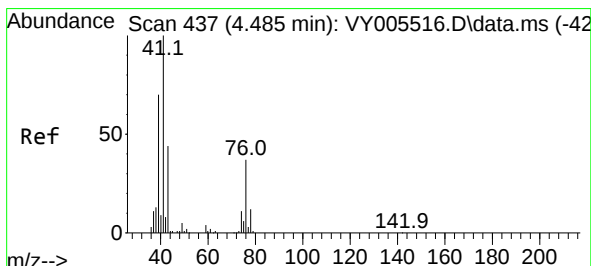
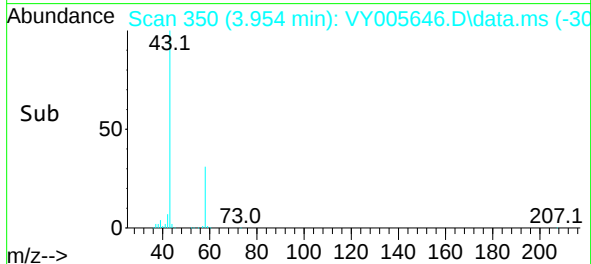
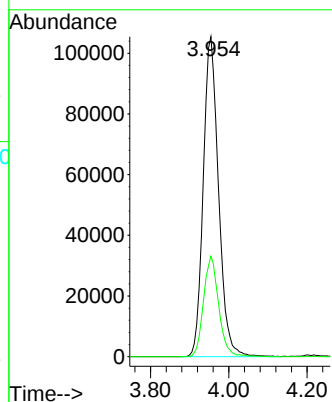
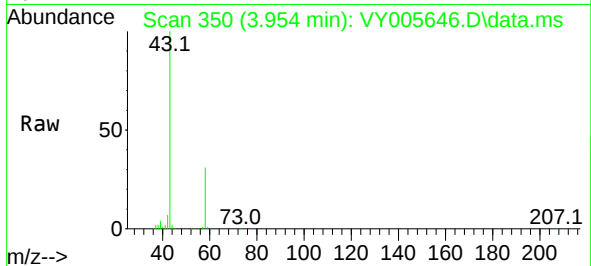




#16
Acetone
Concen: 585.880 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005646.D
Acq: 13 Aug 2021 19:58

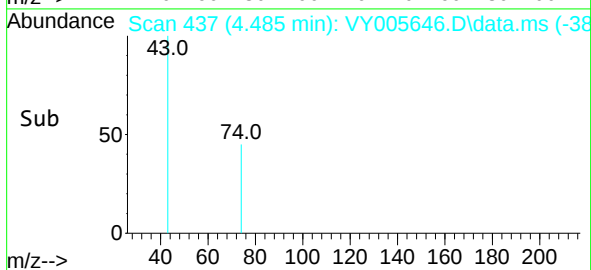
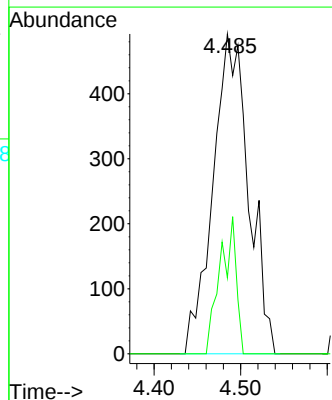
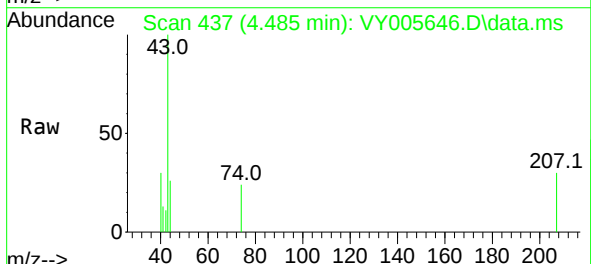
Instrument :
MSVOA_Y
ClientSampleId :
25N

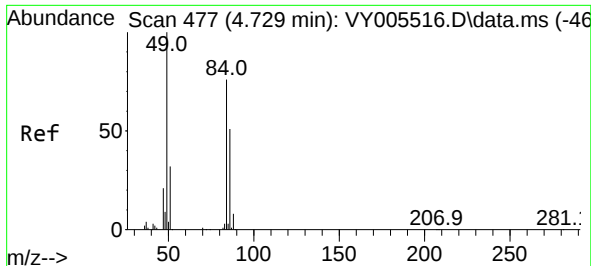
Tgt Ion: 43 Resp: 286002
Ion Ratio Lower Upper
43 100
58 31.4 23.8 35.6



#18
Methyl Acetate
Concen: 1.105 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY005646.D
Acq: 13 Aug 2021 19:58

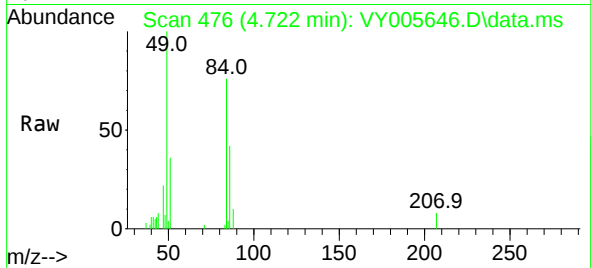
Tgt Ion: 43 Resp: 1411
Ion Ratio Lower Upper
43 100
74 19.3 19.0 28.6



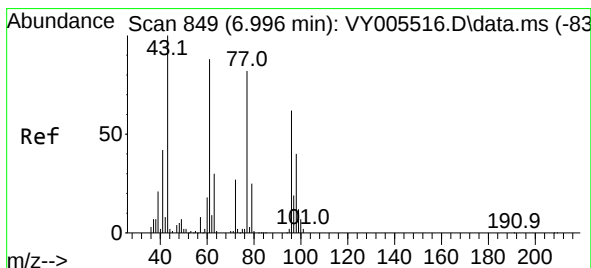
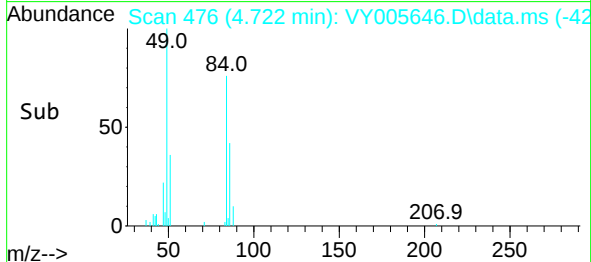
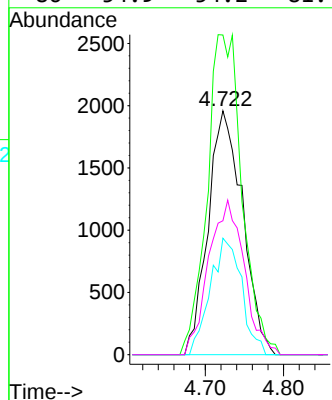


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005646.D
Acq: 13 Aug 2021 19:58

Instrument :
MSVOA_Y
ClientSampleId :
25N

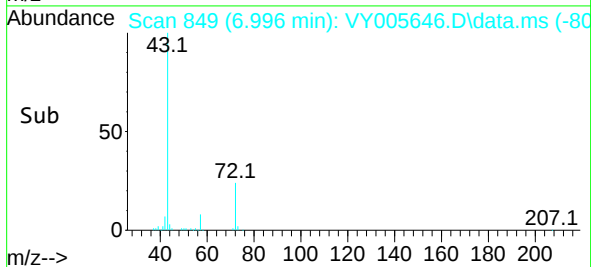
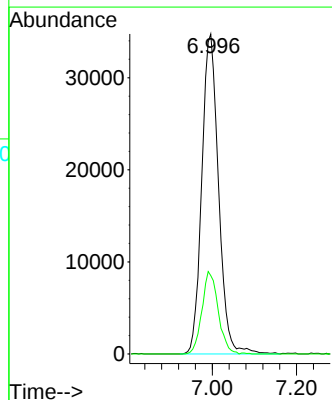
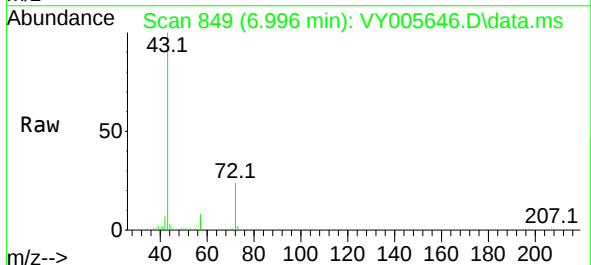


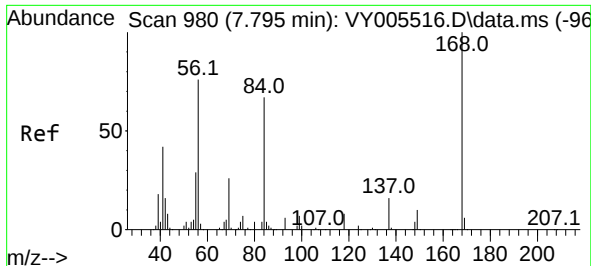
Tgt Ion:	84	Resp:	6009
Ion	Ratio	Lower	Upper
84	100		
49	131.0	105.8	158.6
51	47.7	33.4	50.2
86	54.9	54.2	81.4



#25
2-Butanone
Concen: 133.305 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY005646.D
Acq: 13 Aug 2021 19:58

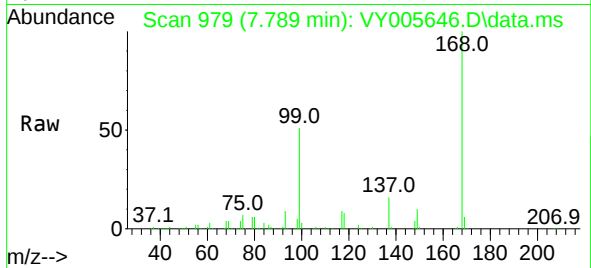
Tgt Ion:	43	Resp:	96192
Ion	Ratio	Lower	Upper
43	100		
72	24.5	21.4	32.2



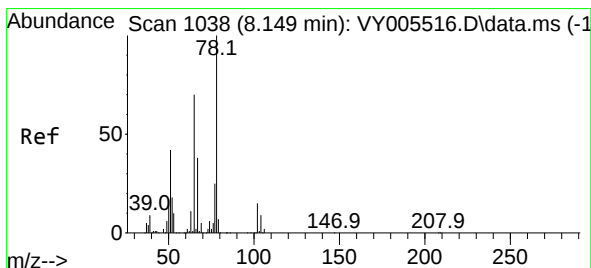
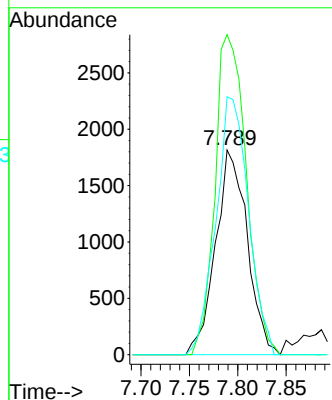
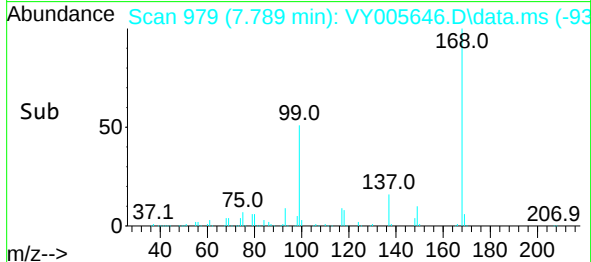


#31
Cyclohexane
Concen: 1.246 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY005646.D
Acq: 13 Aug 2021 19:58

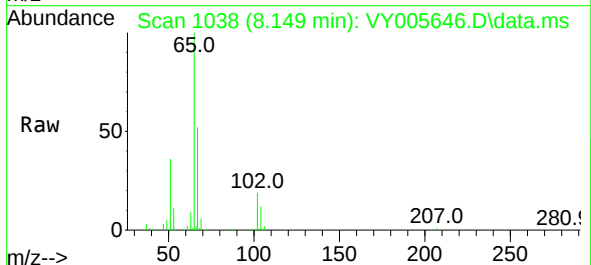
Instrument :
MSVOA_Y
ClientSampled :
25N



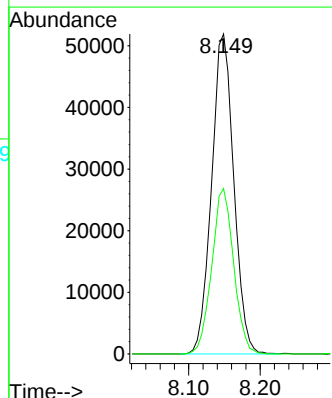
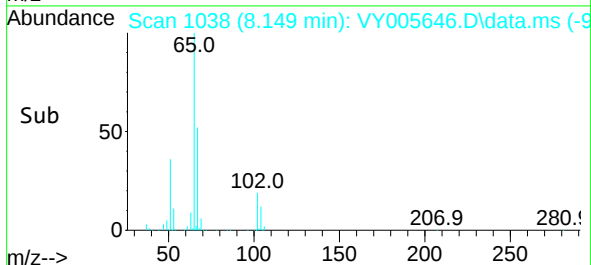
Tgt Ion: 56 Resp: 4139
Ion Ratio Lower Upper
56 100
69 156.3 27.7 41.5#
84 126.0 70.9 106.3#

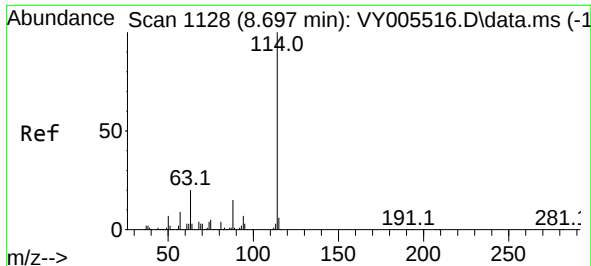


#33
1,2-Dichloroethane-d4
Concen: 57.787 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005646.D
Acq: 13 Aug 2021 19:58



Tgt Ion: 65 Resp: 111886
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.4

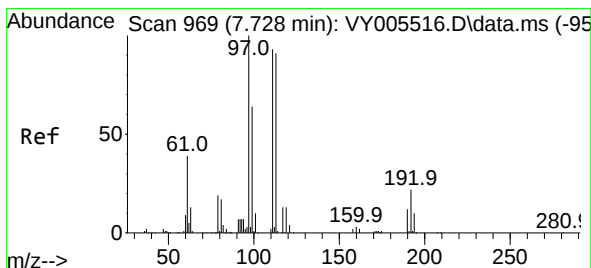
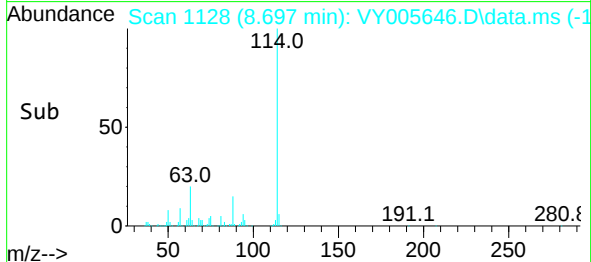
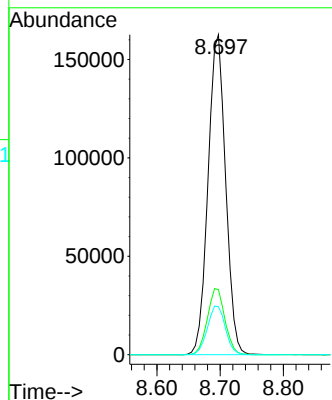
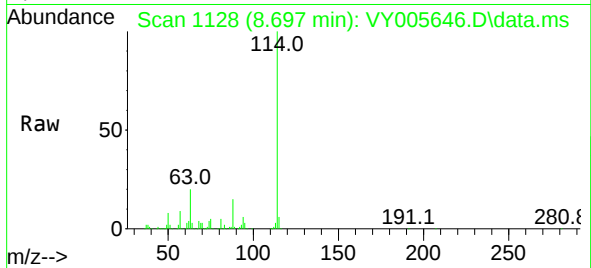




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005646.D
Acq: 13 Aug 2021 19:58

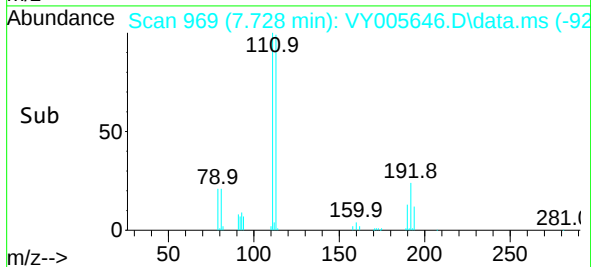
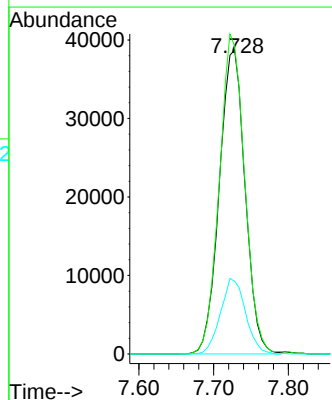
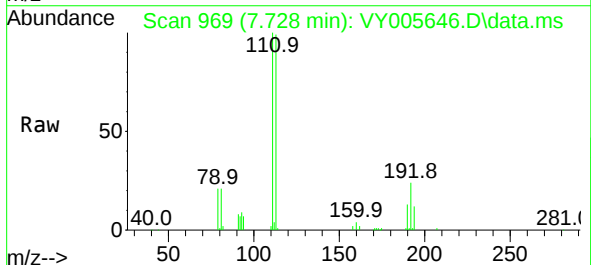
Instrument :
MSVOA_Y
ClientSampleId :
25N

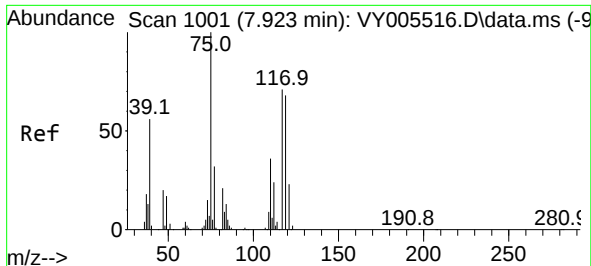
Tgt Ion:	114	Resp:	314047
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.2
88	15.0	0.0	30.8



#35
Dibromofluoromethane
Concen: 52.851 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005646.D
Acq: 13 Aug 2021 19:58

Tgt Ion:	113	Resp:	92927
Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.9	122.9
192	24.1	19.2	28.8





#36

1,1-Dichloropropene

Concen: 4.751 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005646.D

Acq: 13 Aug 2021 19:58

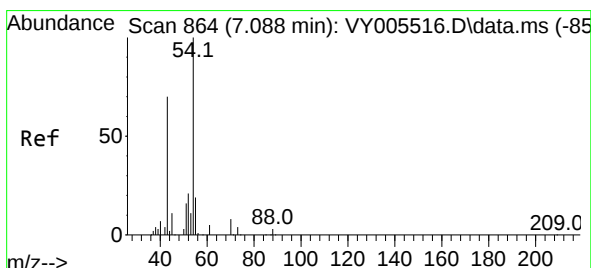
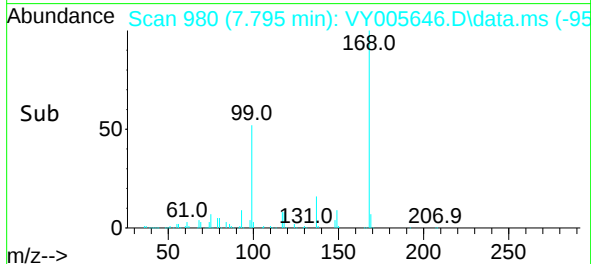
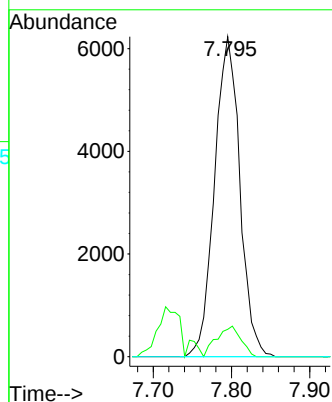
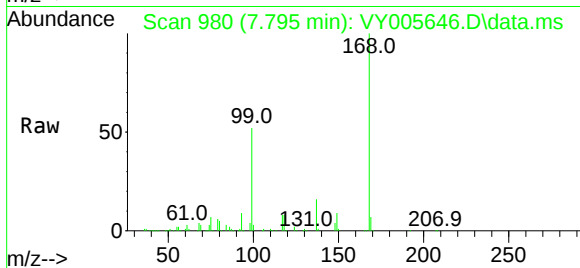
Instrument :

MSVOA_Y

ClientSampleId :

25N

Tgt Ion: 75	Resp: 13995
Ion Ratio	Lower Upper
75 100	
110 9.2	18.1 54.1#
77 0.0	25.1 37.7#



#37

Ethyl Acetate

Concen: 53.906 ug/l

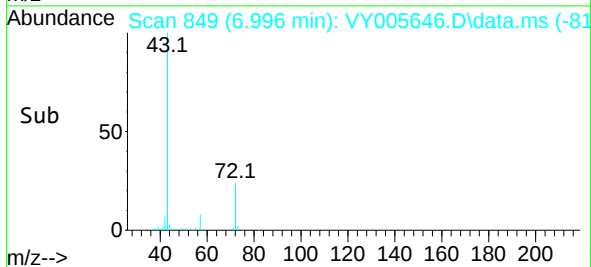
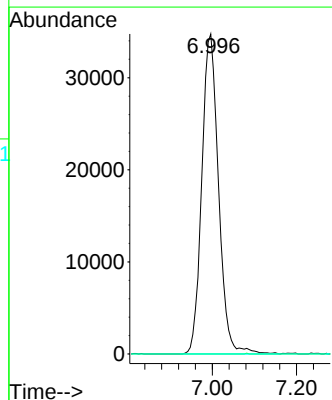
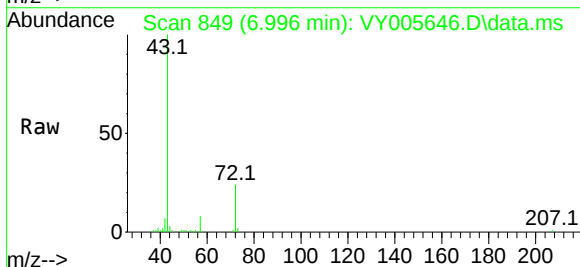
RT: 6.996 min Scan# 849

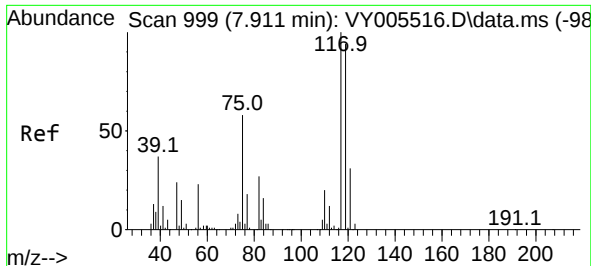
Delta R.T. -0.091 min

Lab File: VY005646.D

Acq: 13 Aug 2021 19:58

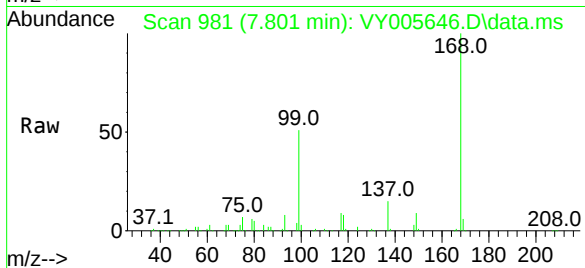
Tgt Ion: 43	Resp: 96192
Ion Ratio	Lower Upper
43 100	
61 0.0	10.6 15.8#
70 0.0	8.6 13.0#



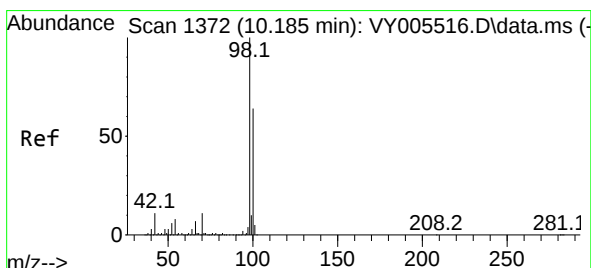
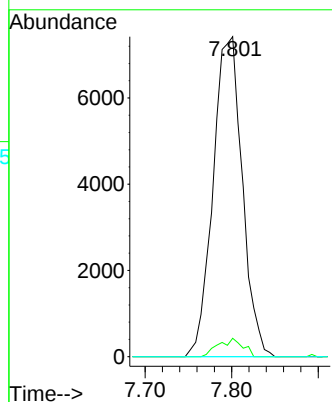
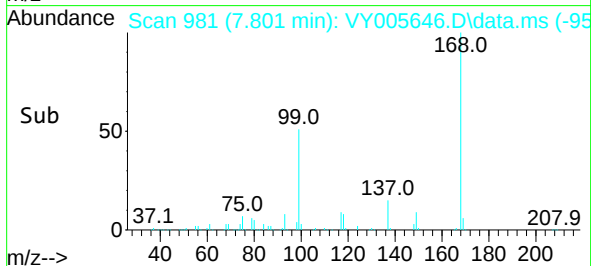


#38
Carbon Tetrachloride
Concen: 5.432 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005646.D
Acq: 13 Aug 2021 19:58

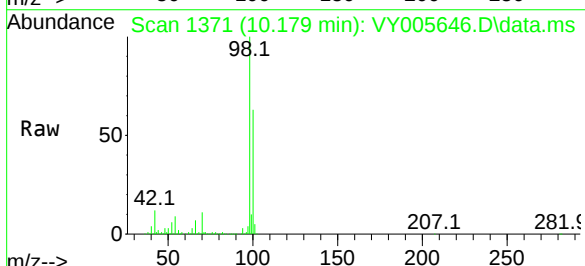
Instrument :
MSVOA_Y
ClientSampleId :
25N



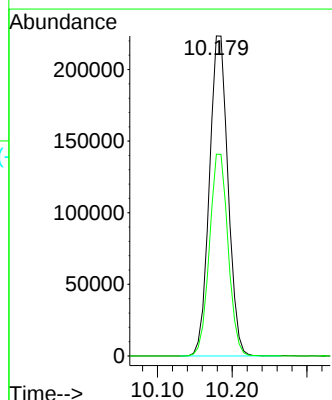
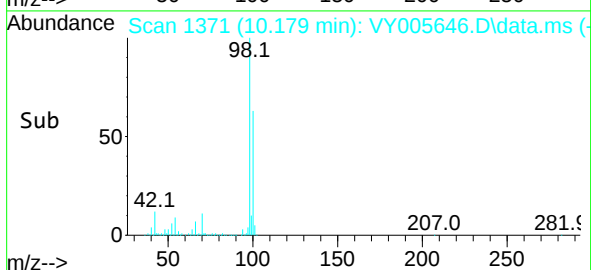
Tgt Ion:117 Resp: 17389
Ion Ratio Lower Upper
117 100
119 5.8 75.4 113.0#
121 0.0 25.1 37.7#

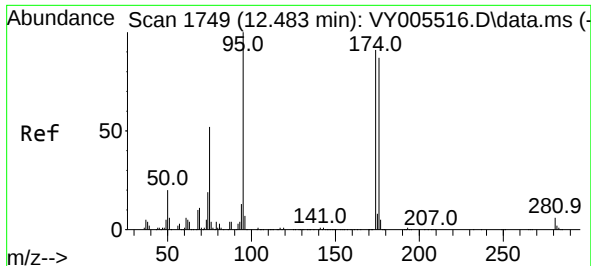


#50
Toluene-d8
Concen: 52.533 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY005646.D
Acq: 13 Aug 2021 19:58



Tgt Ion: 98 Resp: 387384
Ion Ratio Lower Upper
98 100
100 63.1 51.3 76.9

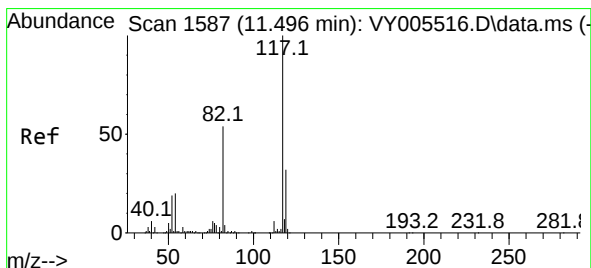
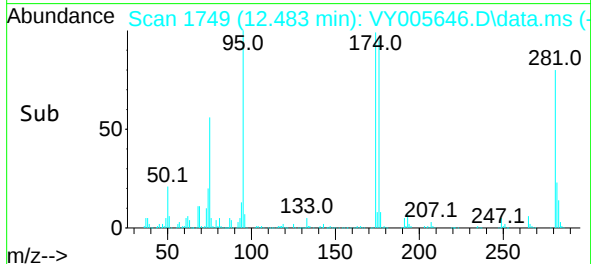
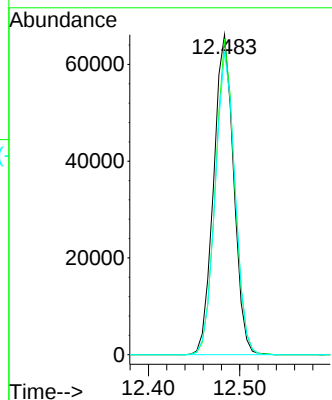
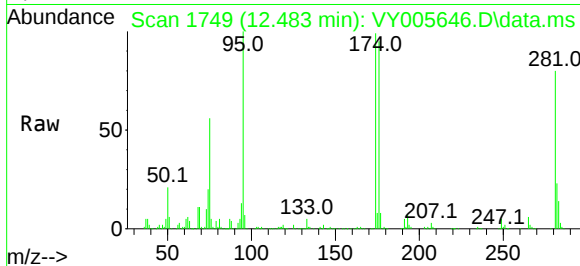




#62
4-Bromofluorobenzene
Concen: 41.229 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005646.D
Acq: 13 Aug 2021 19:58

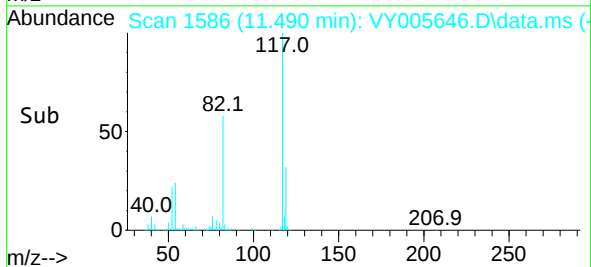
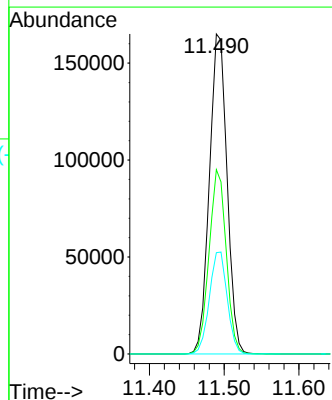
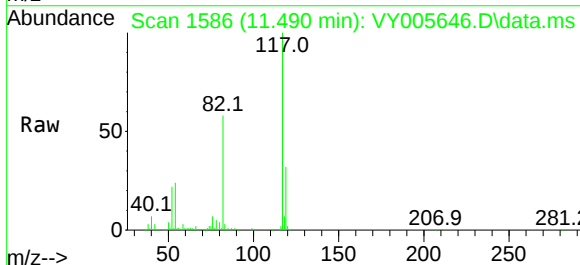
Instrument :
MSVOA_Y
ClientSampleId :
25N

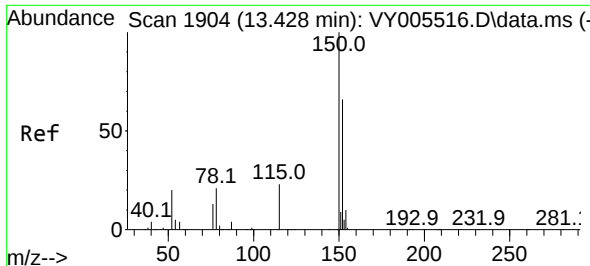
Tgt Ion: 95 Resp: 100678
Ion Ratio Lower Upper
95 100
174 94.9 0.0 191.4
176 93.6 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005646.D
Acq: 13 Aug 2021 19:58

Tgt Ion: 117 Resp: 270860
Ion Ratio Lower Upper
117 100
82 57.6 43.5 65.3
119 31.6 25.5 38.3

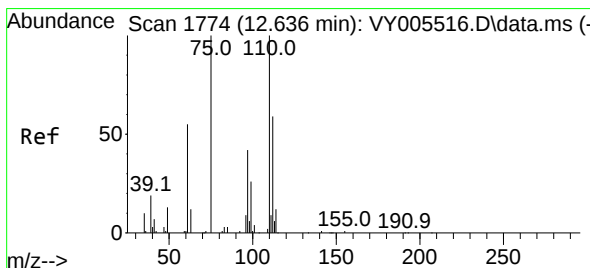
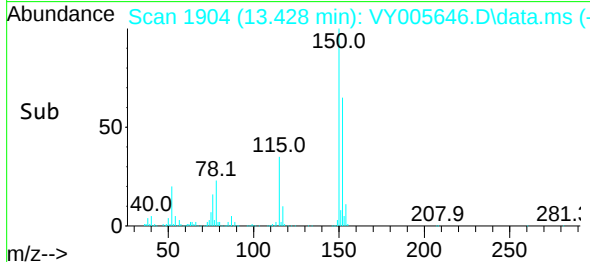
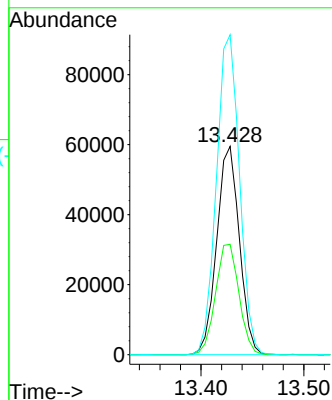
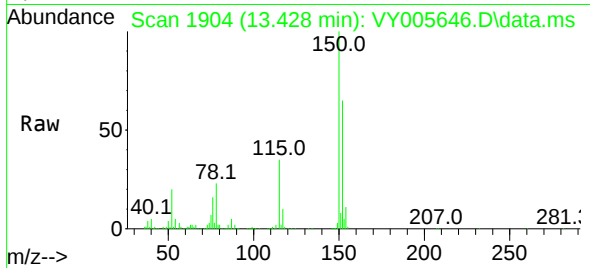




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005646.D
 Acq: 13 Aug 2021 19:58

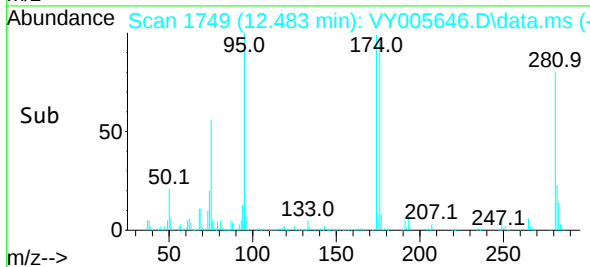
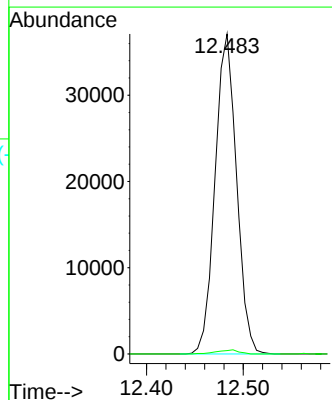
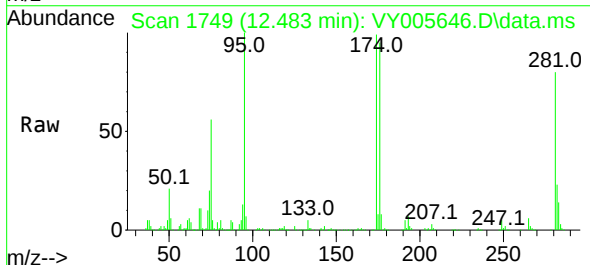
Instrument :
 MSVOA_Y
 ClientSampled :
 25N

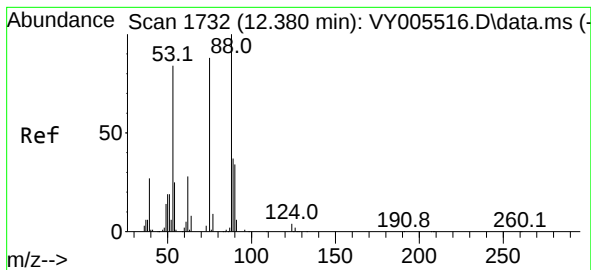
Tgt Ion:152 Resp: 91029
 Ion Ratio Lower Upper
 152 100
 115 54.7 27.3 81.9
 150 156.3 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 60.522 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005646.D
 Acq: 13 Aug 2021 19:58

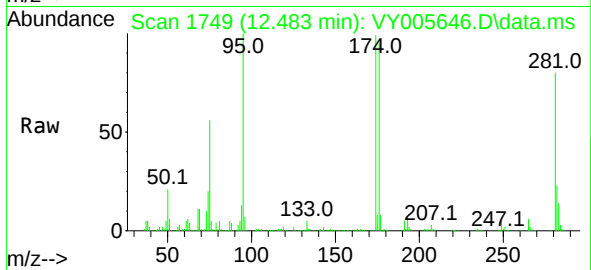
Tgt Ion: 75 Resp: 57092
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.005 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005646.D
 Acq: 13 Aug 2021 19:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 25N



Tgt Ion:	75	Resp:	57092
Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.7	115.1#
89	0.7	38.4	57.6#

