

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032421\
 Data File : VY004189.D
 Acq On : 24 Mar 2021 16:45
 Operator : SY/MD
 Sample : M1792-01
 Misc : 4.34g/5mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 25 01:20:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	206629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	327149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	287838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122422	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	109697	53.80	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.60%	
35) Dibromofluoromethane	7.728	113	97869	53.05	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.10%	
50) Toluene-d8	10.185	98	383805	53.07	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.14%	
62) 4-Bromofluorobenzene	12.483	95	125485	46.98	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.96%	

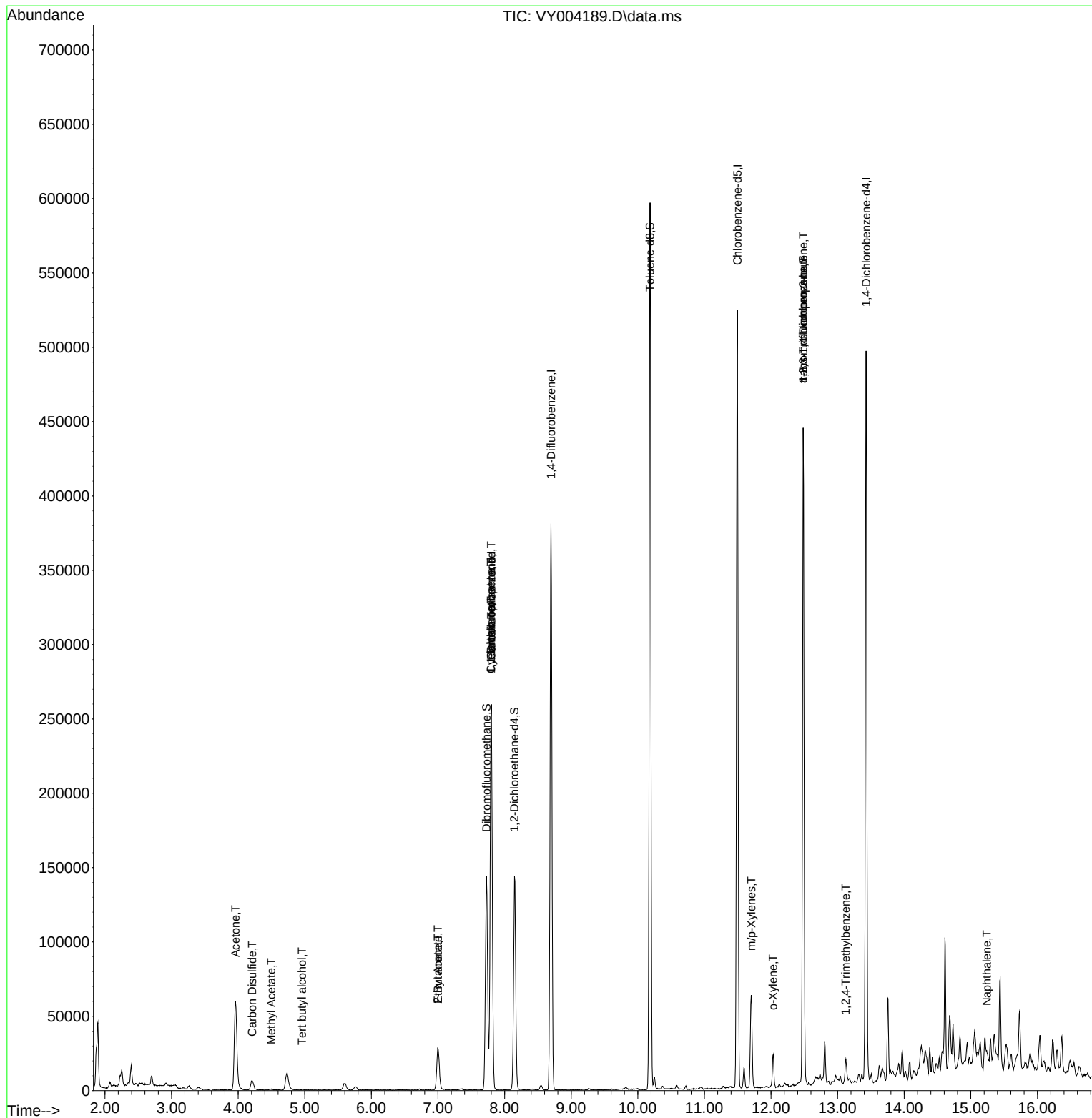
Target Compounds						Qvalue
3) Chloromethane	2.113	50	643	Below Cal		93
11) Tert butyl alcohol	4.960	59	211	1.14 ug/l #		76
16) Acetone	3.960	43	104859	213.04 ug/l		94
17) Carbon Disulfide	4.210	76	9929	1.86 ug/l		98
18) Methyl Acetate	4.497	43	1297	1.07 ug/l #		87
20) Methylene Chloride	4.734	84	8785	Below Cal #		85
25) 2-Butanone	6.996	43	47430	66.85 ug/l		93
31) Cyclohexane	7.795	56	4317	1.21 ug/l #		18
36) 1,1-Dichloropropene	7.795	75	14917	5.19 ug/l #		51
37) Ethyl Acetate	6.996	43	47430	30.63 ug/l #		70
38) Carbon Tetrachloride	7.801	117	20237	6.64 ug/l #		16
68) m/p-Xylenes	11.703	106	18603	4.82 ug/l		94
69) o-Xylene	12.032	106	5887	1.61 ug/l		98
76) 1,2,3-Trichloropropane	12.483	75	66410	56.58 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.483	75	66410	111.66 ug/l #		13
84) 1,2,4-Trimethylbenzene	13.123	105	9308	1.29 ug/l		93
95) Naphthalene	15.239	128	4705	1.04 ug/l #		86

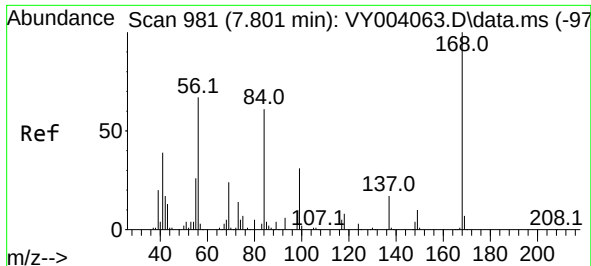
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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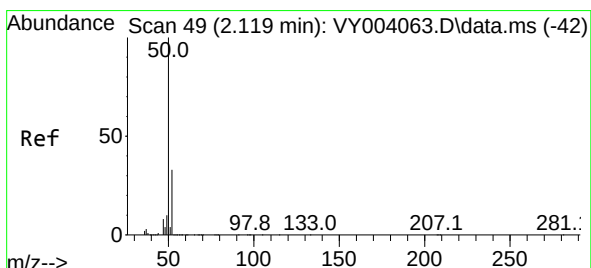
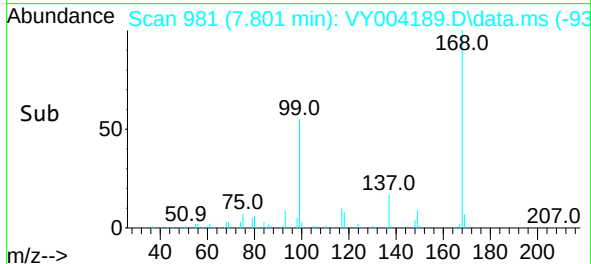
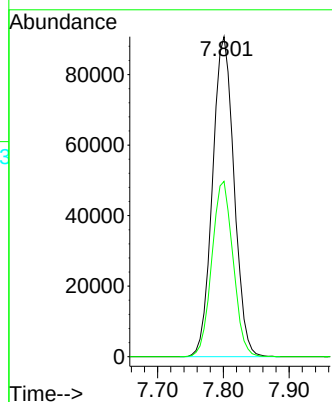
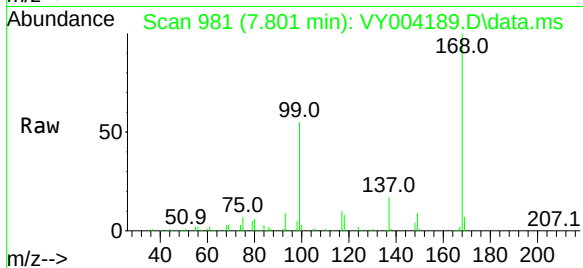




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

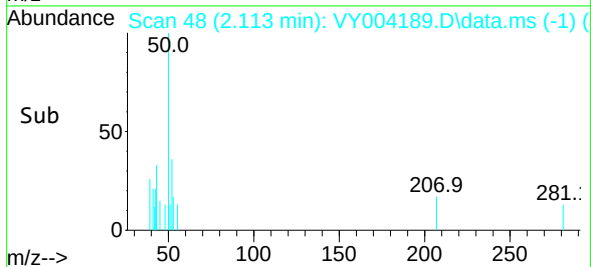
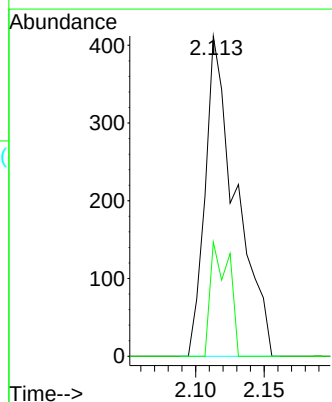
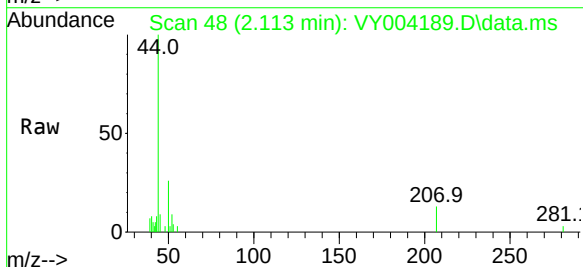
Instrument :
MSVOA_Y
ClientSampled :

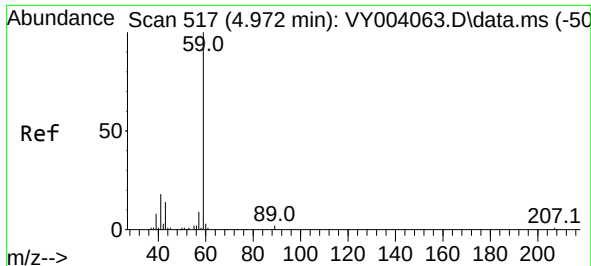
Tgt Ion:168 Resp: 206629
Ion Ratio Lower Upper
168 100
99 54.8 41.2 61.8



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

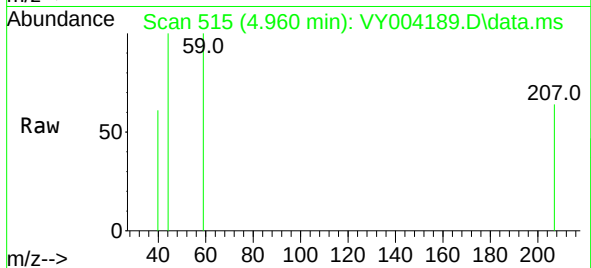
Tgt Ion: 50 Resp: 643
Ion Ratio Lower Upper
50 100
52 35.7 25.4 38.2



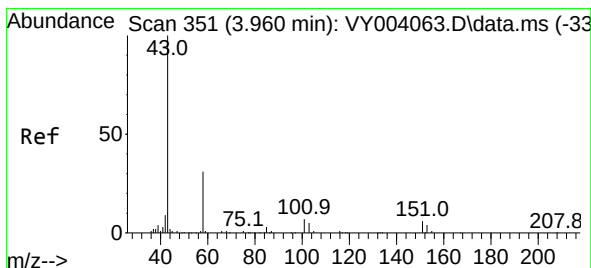
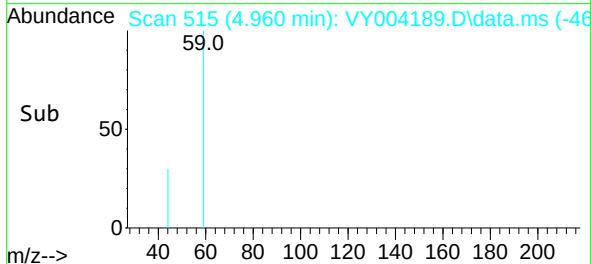
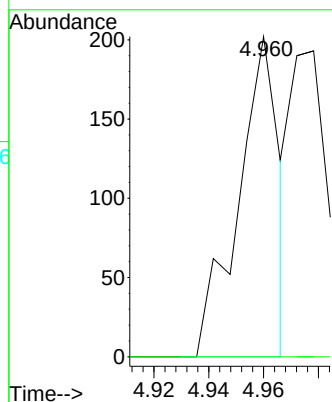


#11
Tert butyl alcohol
Concen: 1.14 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

Instrument :
MSVOA_Y
ClientSampled :

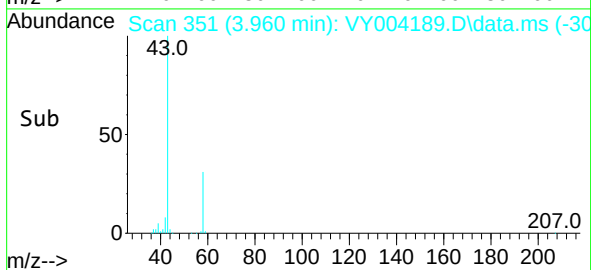
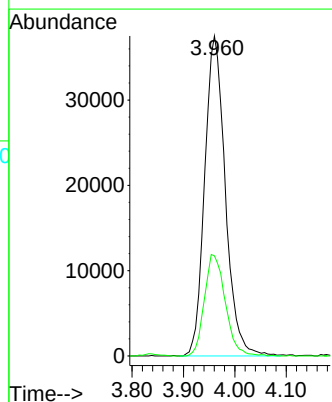
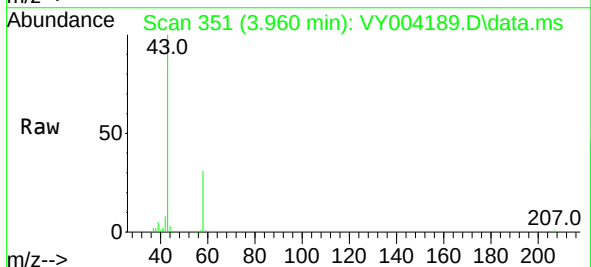


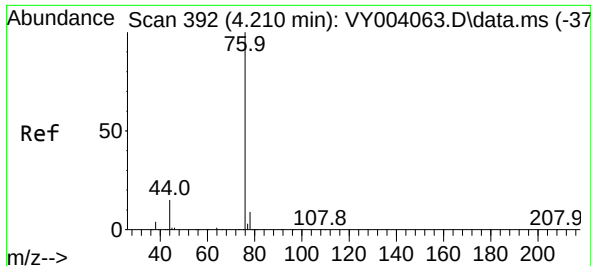
Tgt Ion: 59 Resp: 211
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#



#16
Acetone
Concen: 213.04 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

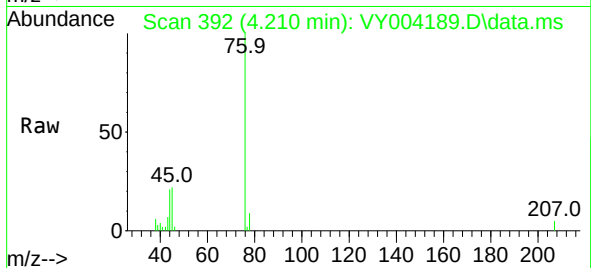
Tgt Ion: 43 Resp: 104859
Ion Ratio Lower Upper
43 100
58 31.3 22.6 34.0



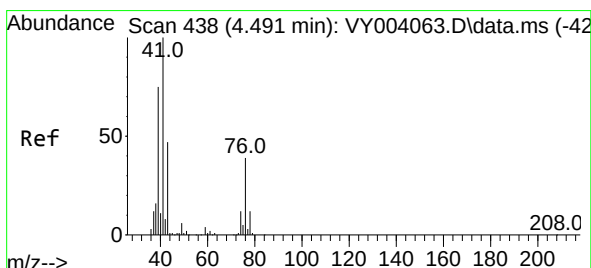
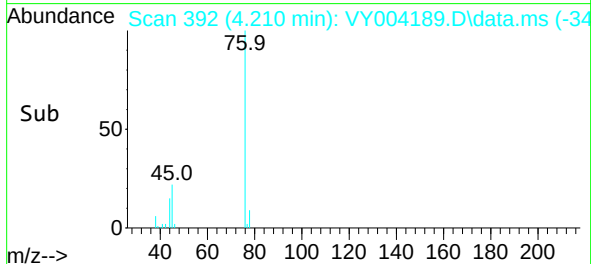
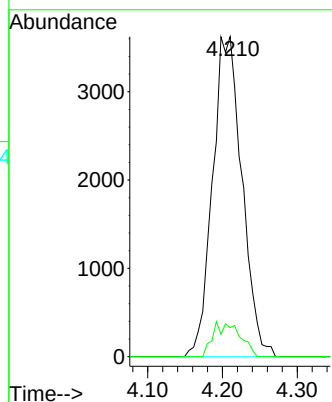


#17
Carbon Disulfide
Concen: 1.86 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

Instrument :
MSVOA_Y
ClientSampled :

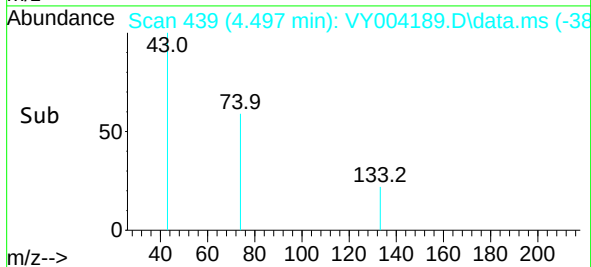
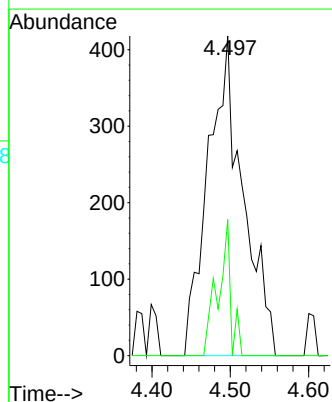
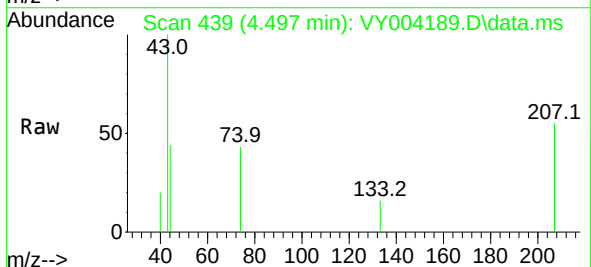


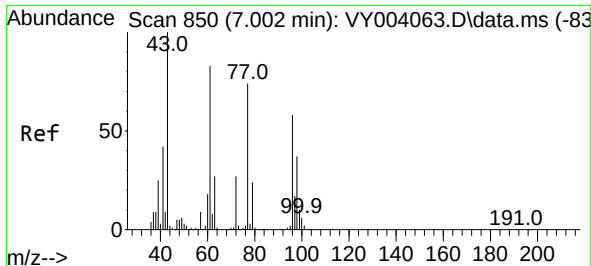
Tgt Ion: 76 Resp: 9929
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 1.07 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

Tgt Ion: 43 Resp: 1297
Ion Ratio Lower Upper
43 100
74 15.7 17.6 26.4#

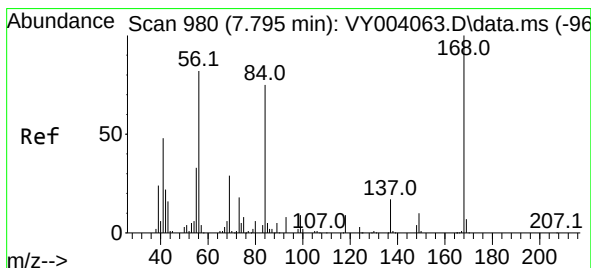
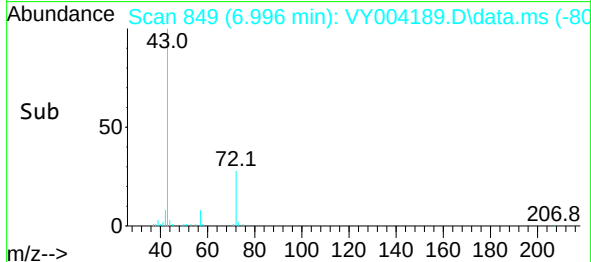
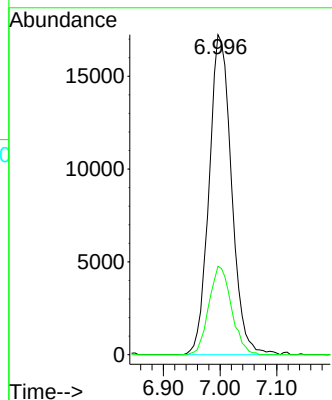
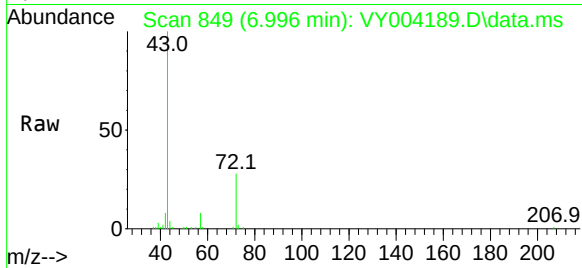




#25
2-Butanone
Concen: 66.85 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

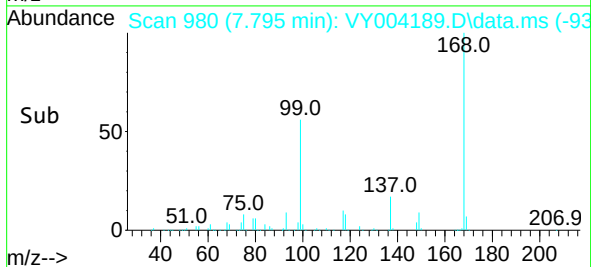
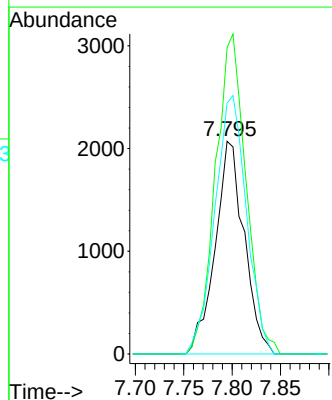
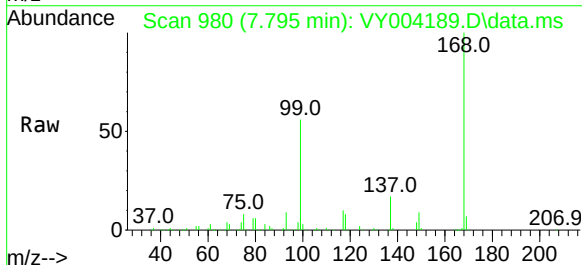
Instrument :
MSVOA_Y
ClientSampled :

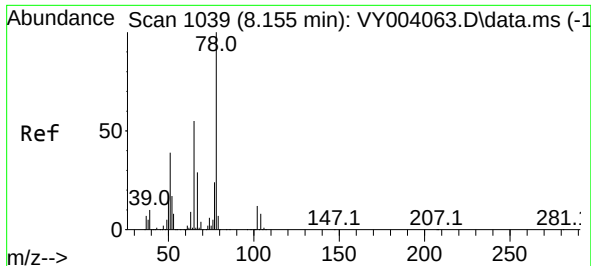
Tgt Ion: 43 Resp: 47430
Ion Ratio Lower Upper
43 100
72 27.6 19.4 29.0



#31
Cyclohexane
Concen: 1.21 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

Tgt Ion: 56 Resp: 4317
Ion Ratio Lower Upper
56 100
69 144.1 25.3 37.9#
84 117.9 67.3 100.9#

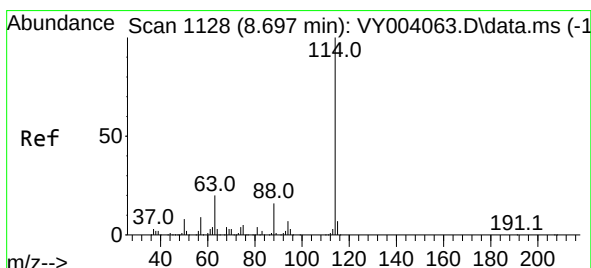
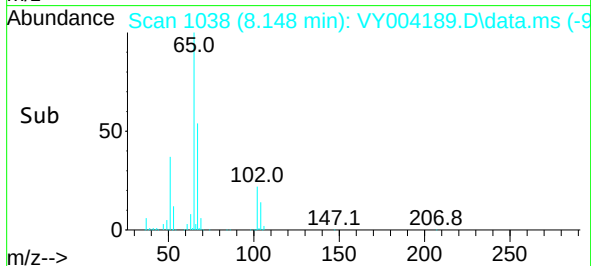
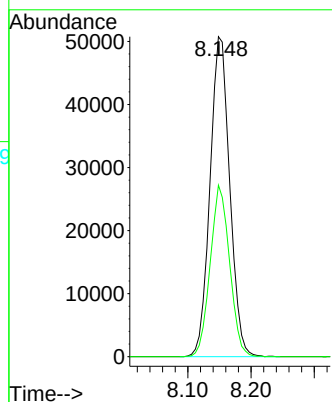
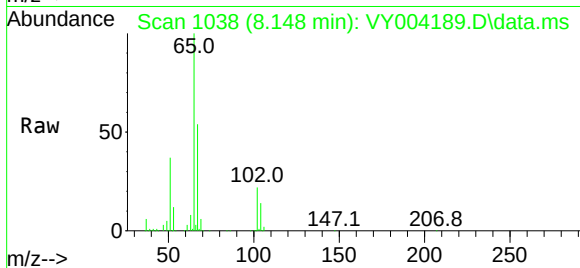




#33
1,2-Dichloroethane-d4
Concen: 53.80 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.007 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

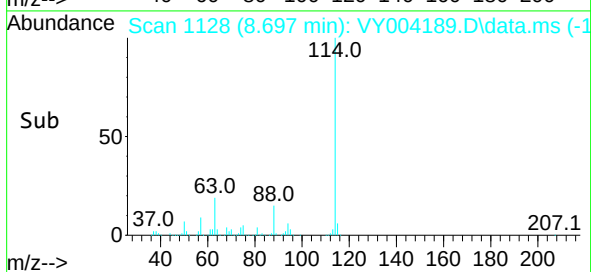
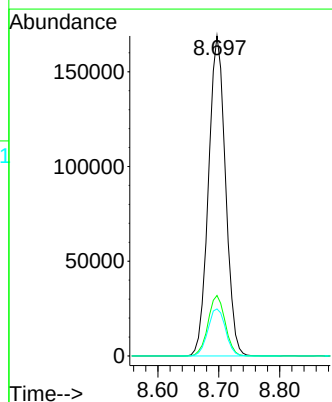
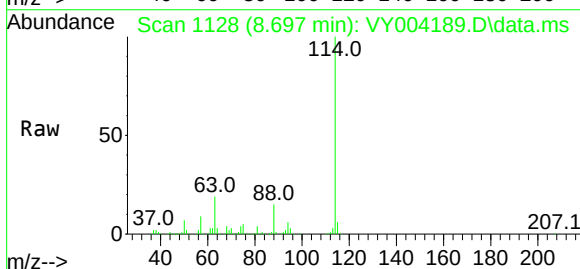
Instrument :
MSVOA_Y
ClientSampled :

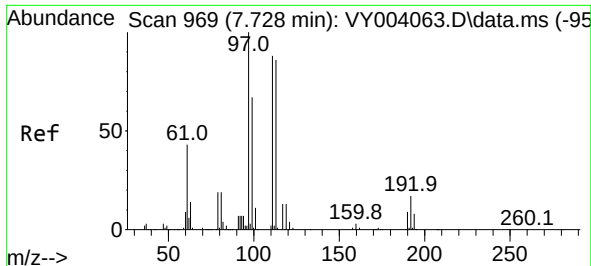
Tgt Ion: 65 Resp: 109697
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

Tgt Ion: 114 Resp: 327149
Ion Ratio Lower Upper
114 100
63 18.9 0.0 41.6
88 14.7 0.0 31.4

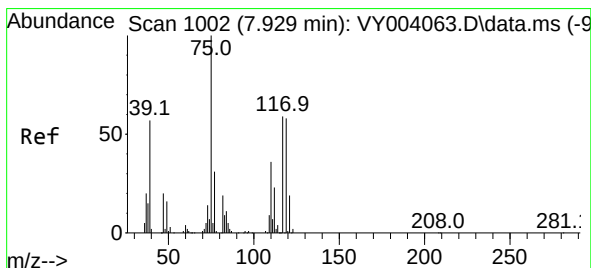
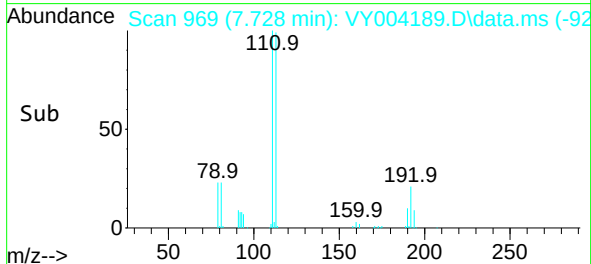
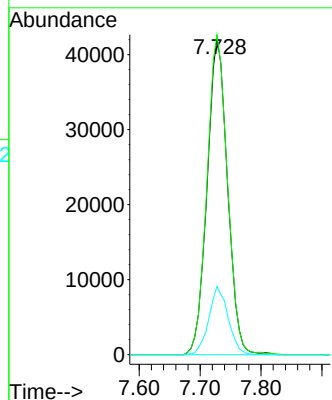
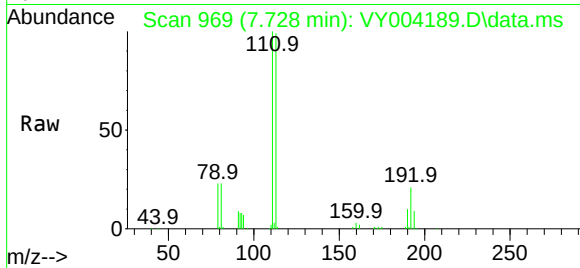




#35
Dibromofluoromethane
Concen: 53.05 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

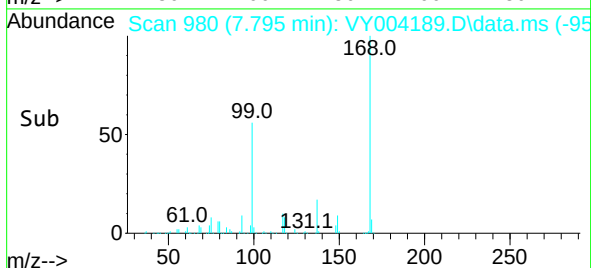
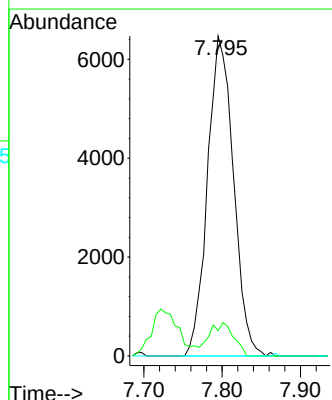
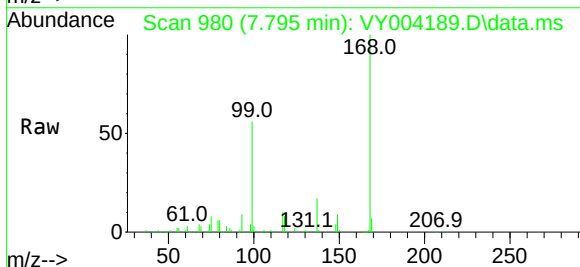
Instrument :
MSVOA_Y
ClientSampleId :

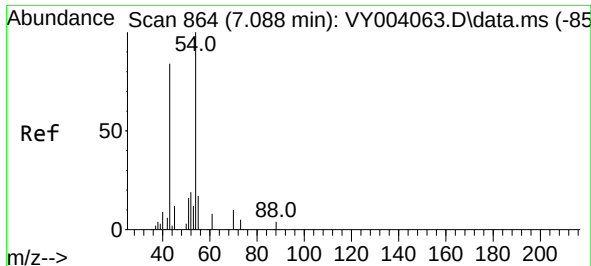
Tgt Ion:113 Resp: 97869
Ion Ratio Lower Upper
113 100
111 101.5 83.2 124.8
192 20.5 18.5 27.7



#36
1,1-Dichloropropene
Concen: 5.19 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

Tgt Ion: 75 Resp: 14917
Ion Ratio Lower Upper
75 100
110 9.7 17.4 52.3#
77 0.0 24.5 36.7#





#37

Ethyl Acetate

Concen: 30.63 ug/l

RT: 6.996 min Scan# 849

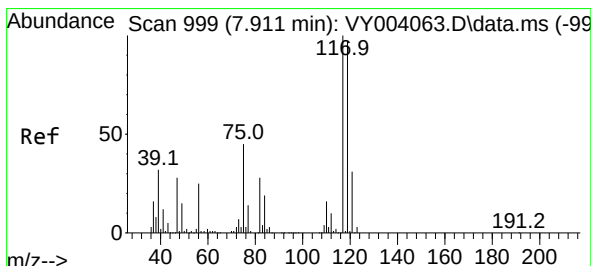
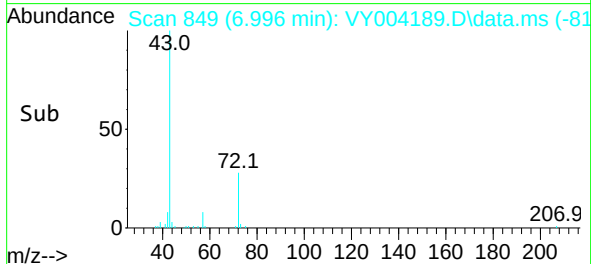
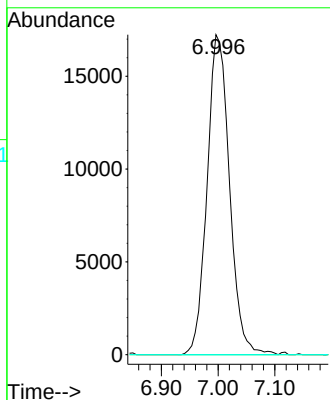
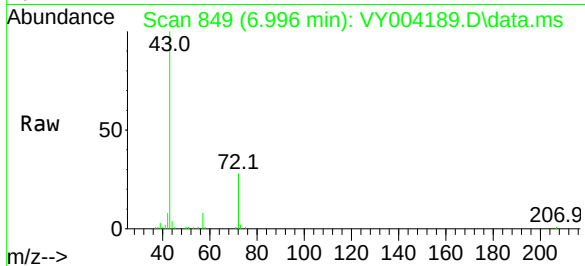
Delta R.T. -0.092 min

Lab File: VY004189.D

Acq: 24 Mar 2021 16:45

Tgt Ion:	43	Resp:	47430
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.7	16.1#
70	0.0	7.7	11.5#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.64 ug/l

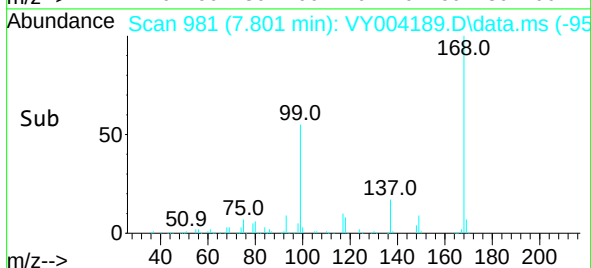
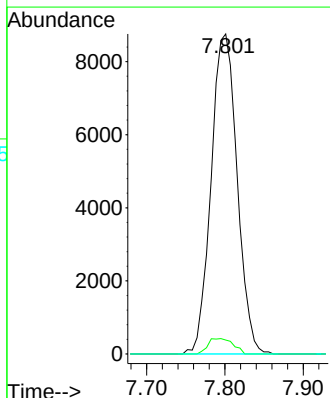
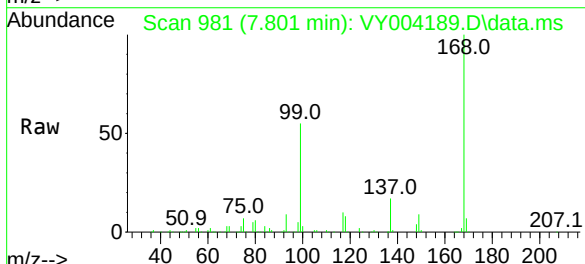
RT: 7.801 min Scan# 981

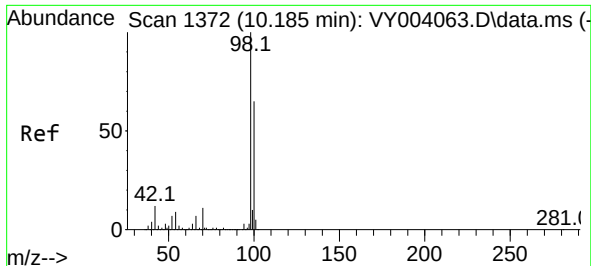
Delta R.T. -0.110 min

Lab File: VY004189.D

Acq: 24 Mar 2021 16:45

Tgt Ion:	117	Resp:	20237
Ion	Ratio	Lower	Upper
117	100		
119	4.4	75.4	113.0#
121	0.0	24.2	36.2#

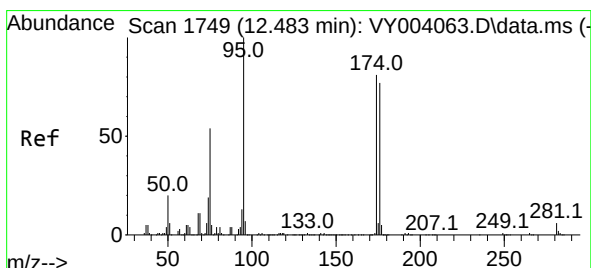
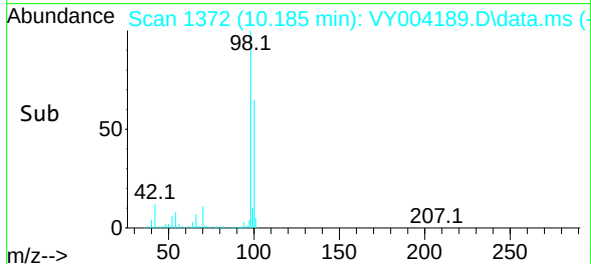
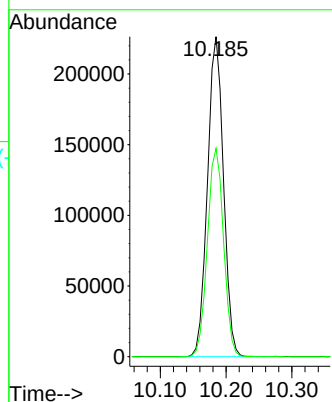
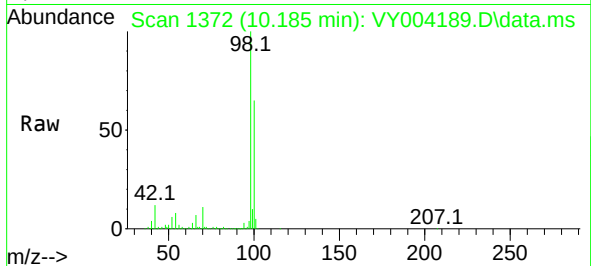




#50
Toluene-d8
Concen: 53.07 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

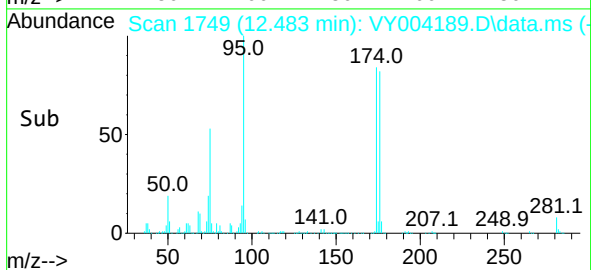
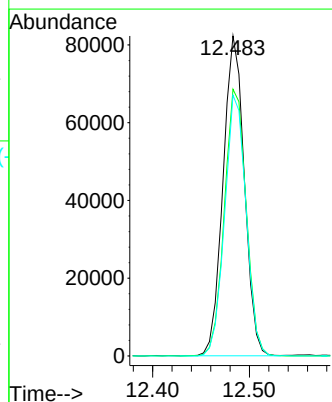
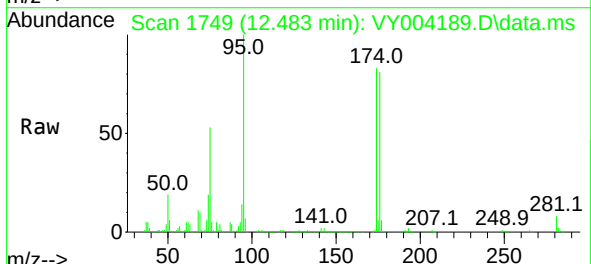
Instrument :
MSVOA_Y
ClientSampled :

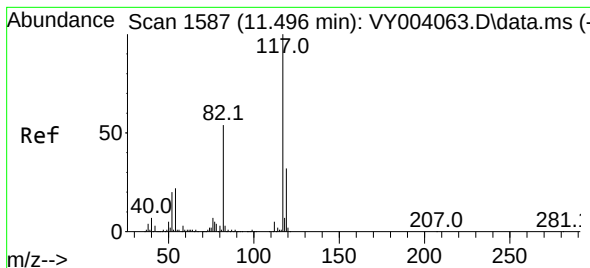
Tgt Ion: 98 Resp: 383805
Ion Ratio Lower Upper
98 100
100 65.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 46.98 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

Tgt Ion: 95 Resp: 125485
Ion Ratio Lower Upper
95 100
174 85.6 0.0 179.0
176 82.3 0.0 174.4

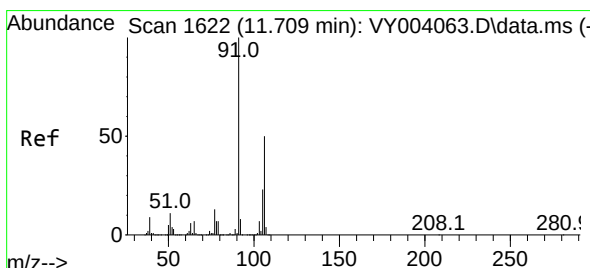
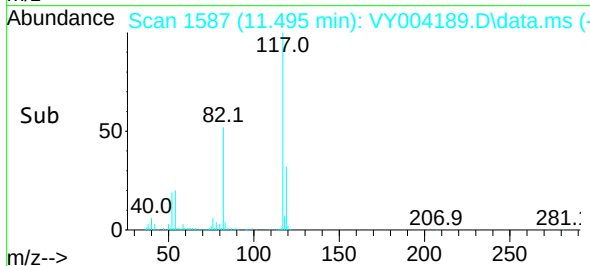
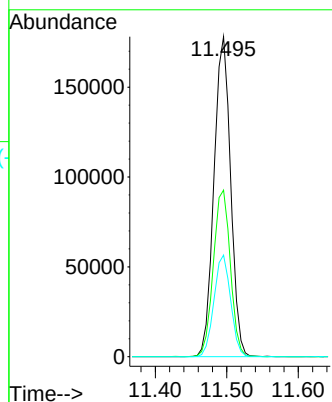
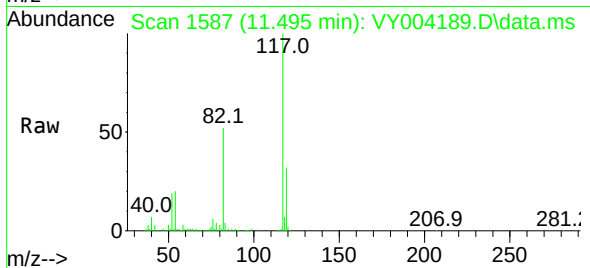




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.001 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

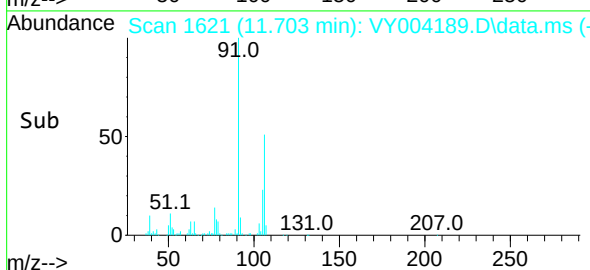
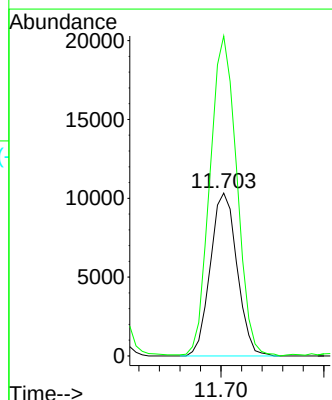
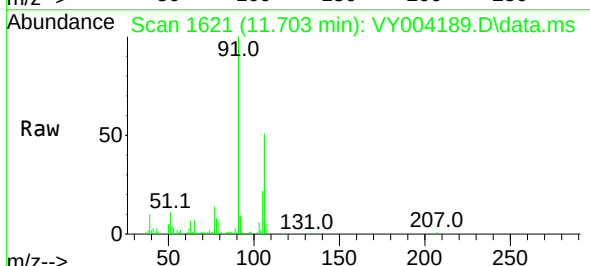
Instrument :
MSVOA_Y
ClientSampled :

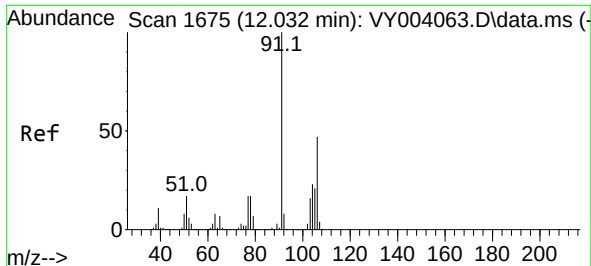
Tgt Ion:117 Resp: 287838
Ion Ratio Lower Upper
117 100
82 52.0 43.8 65.6
119 31.7 26.2 39.2



#68
m/p-Xylenes
Concen: 4.82 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

Tgt Ion:106 Resp: 18603
Ion Ratio Lower Upper
106 100
91 197.5 165.4 248.0

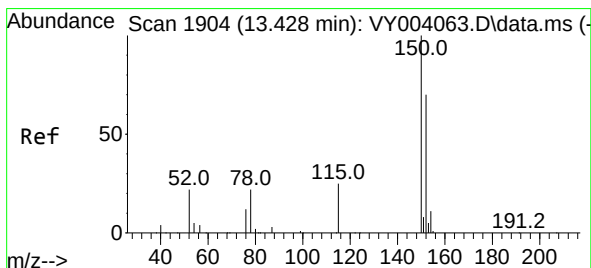
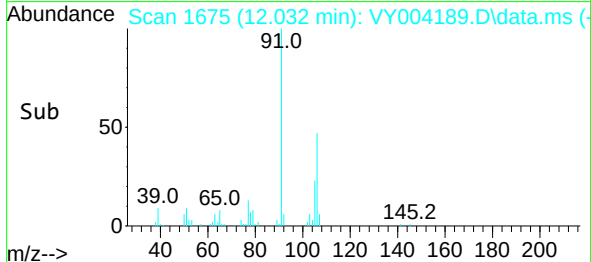
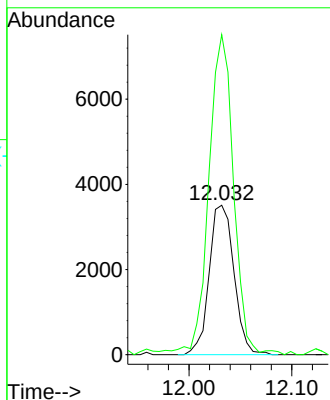
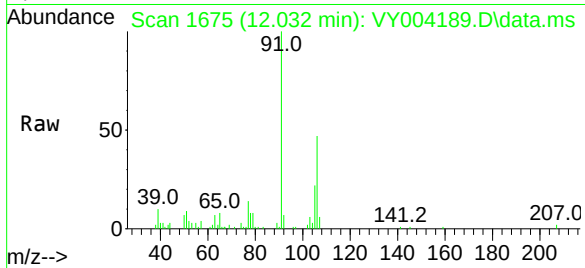




#69
o-Xylene
Concen: 1.61 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

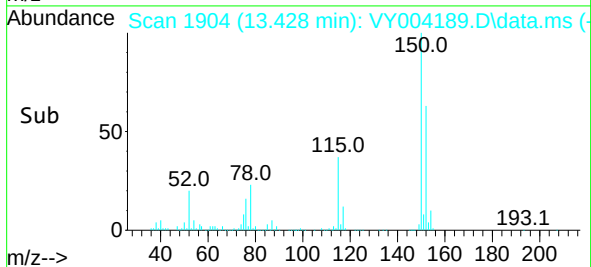
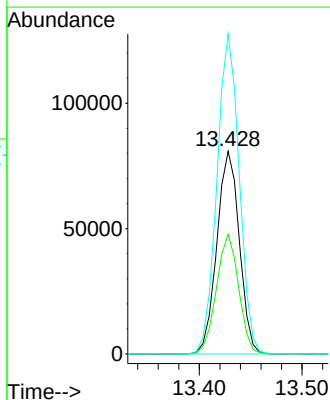
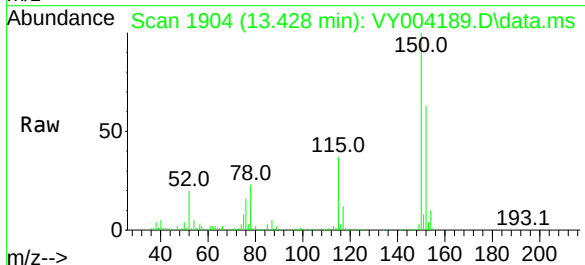
Instrument :
MSVOA_Y
ClientSampled :

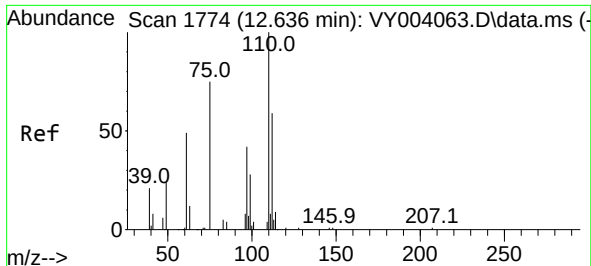
Tgt Ion:106 Resp: 5887
Ion Ratio Lower Upper
106 100
91 214.5 108.9 326.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

Tgt Ion:152 Resp: 122422
Ion Ratio Lower Upper
152 100
115 58.5 28.2 84.6
150 157.0 0.0 347.2

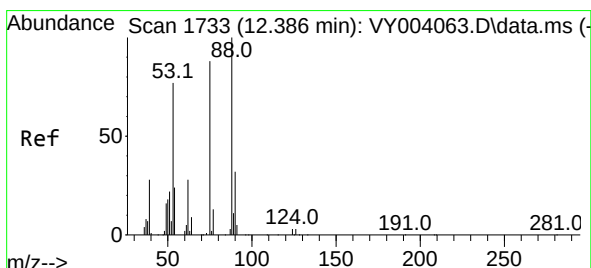
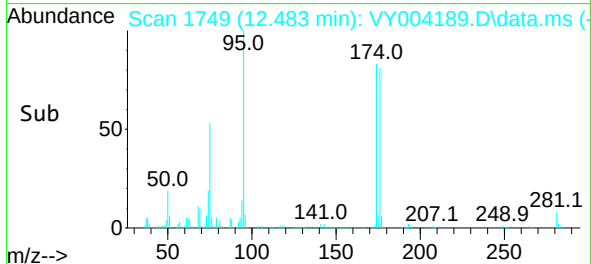
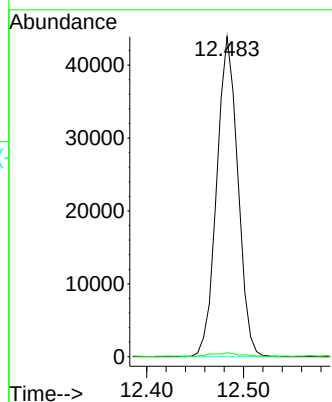
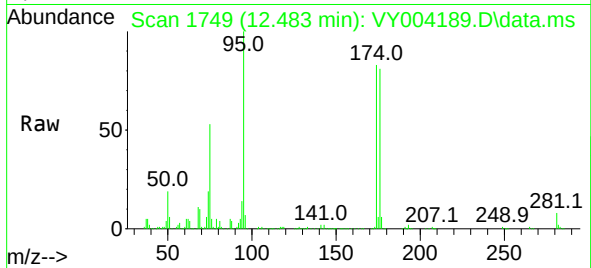




#76
1,2,3-Trichloropropane
Concen: 56.58 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

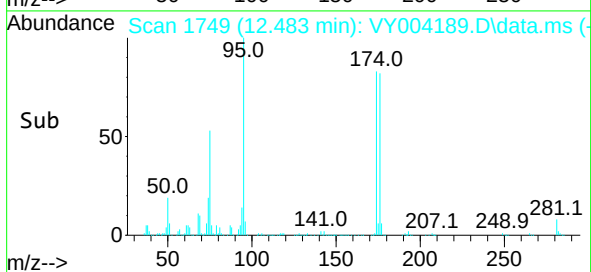
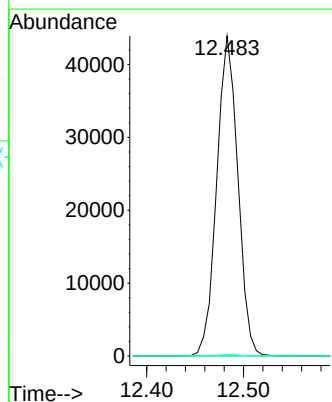
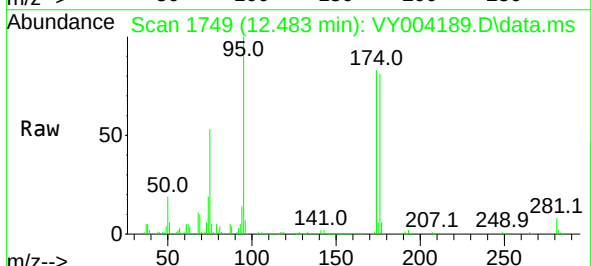
Instrument :
MSVOA_Y
ClientSampled :

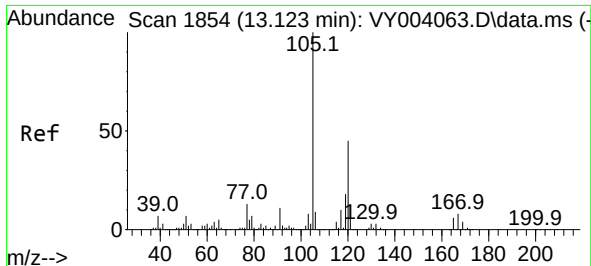
Tgt Ion: 75 Resp: 66410
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.66 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

Tgt Ion: 75 Resp: 66410
Ion Ratio Lower Upper
75 100
53 0.0 73.5 110.3#
89 0.4 35.7 53.5#

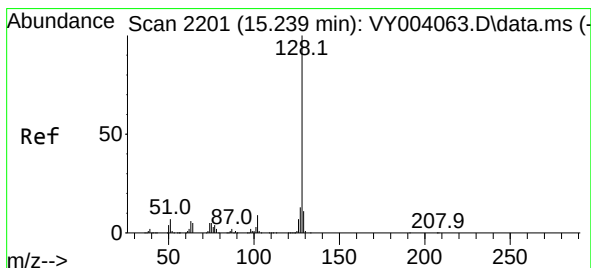
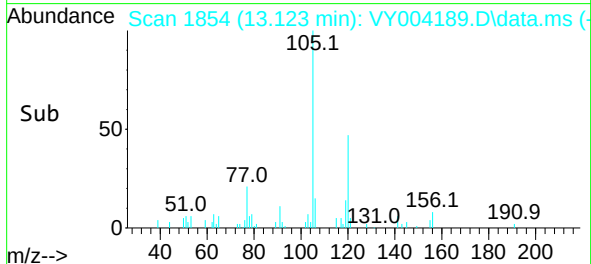
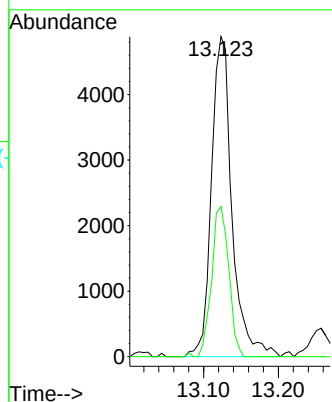
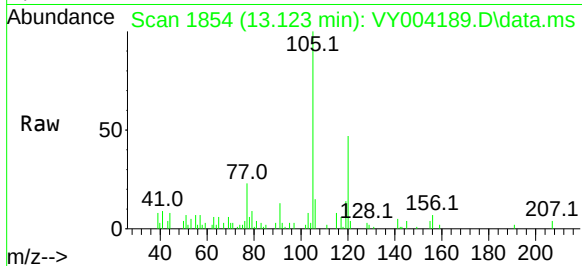




#84
1,2,4-Trimethylbenzene
Concen: 1.29 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:105 Resp: 9308
Ion Ratio Lower Upper
105 100
120 39.3 22.1 66.3



#95
Naphthalene
Concen: 1.04 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004189.D
Acq: 24 Mar 2021 16:45

Tgt Ion:128 Resp: 4705
Ion Ratio Lower Upper
128 100
127 20.9 10.6 16.0#
129 13.7 8.7 13.1#

