

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011421\
 Data File : VY003930.D
 Acq On : 14 Jan 2021 19:34
 Operator : SY/MD
 Sample : M1140-01
 Misc : 7.32G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 15 01:00:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 12 11:47:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	165584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	281861	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	262418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	125488	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	109233	42.47	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.94%
35) Dibromofluoromethane	7.722	113	88875	38.58	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.16%
50) Toluene-d8	10.179	98	361758	38.75	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.50%
62) 4-Bromofluorobenzene	12.477	95	126363	37.06	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.12%

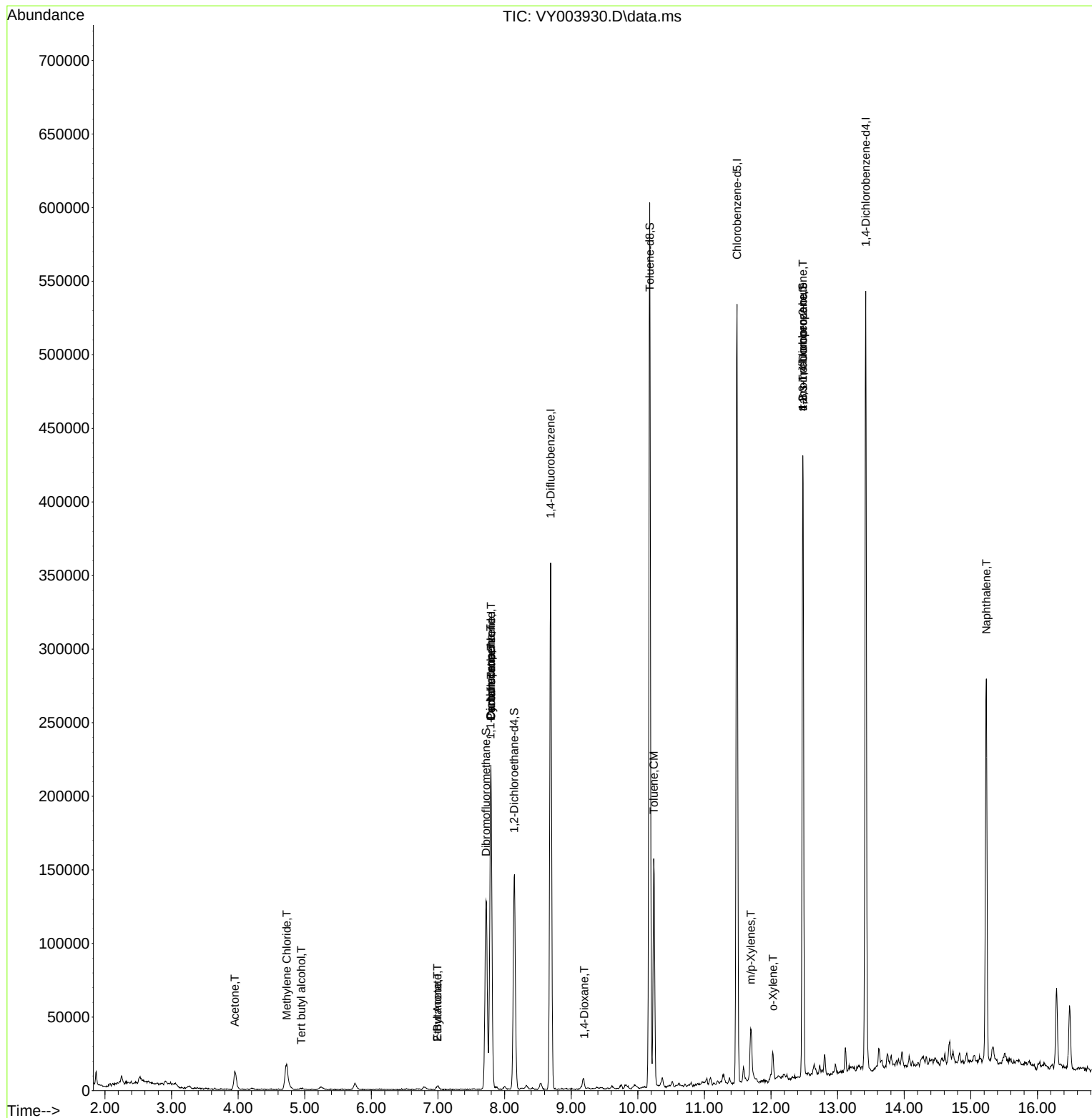
Target Compounds					Qvalue
3) Chloromethane	2.113	50	376	Below Cal	91
11) Tert butyl alcohol	4.948	59	621	2.32 ug/l #	73
16) Acetone	3.948	43	21223	33.37 ug/l	100
20) Methylene Chloride	4.728	84	11404	4.79 ug/l #	89
25) 2-Butanone	6.990	43	4572	4.61 ug/l #	78
31) Cyclohexane	7.795	56	4829	1.12 ug/l #	33
36) 1,1-Dichloropropene	7.789	75	13089	3.39 ug/l #	50
37) Ethyl Acetate	6.990	43	4572	1.76 ug/l #	69
38) Carbon Tetrachloride	7.795	117	16677	4.08 ug/l #	15
49) 1,4-Dioxane	9.197	88	39	1.89 ug/l #	1
52) Toluene	10.240	92	60074	8.97 ug/l	100
68) m/p-Xylenes	11.697	106	9138	1.89 ug/l	91
69) o-Xylene	12.032	106	4724	1.04 ug/l	97
76) 1,2,3-Trichloropropane	12.477	75	71100	41.90 ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	71100	79.54 ug/l #	3
95) Naphthalene	15.233	128	203891	31.64 ug/l	99

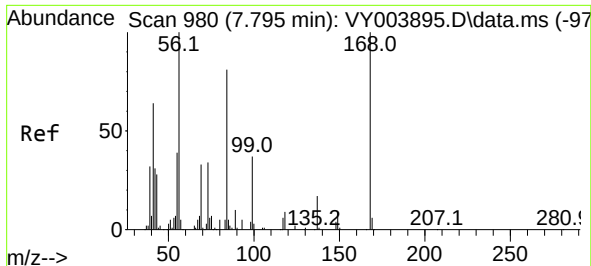
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 7.32G/5ML/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 15 01:00:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 12 11:47:10 2021
Response via : Initial Calibration

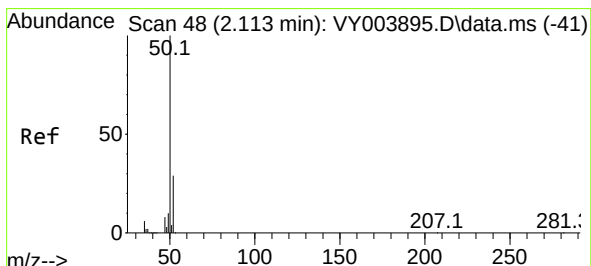
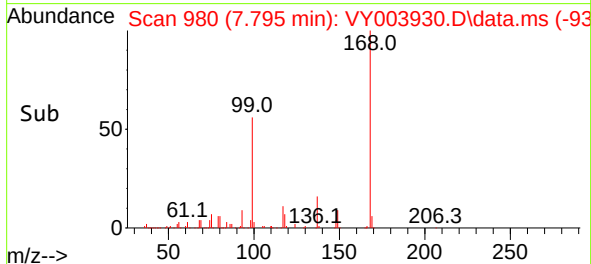
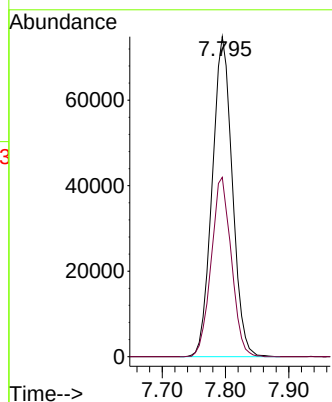
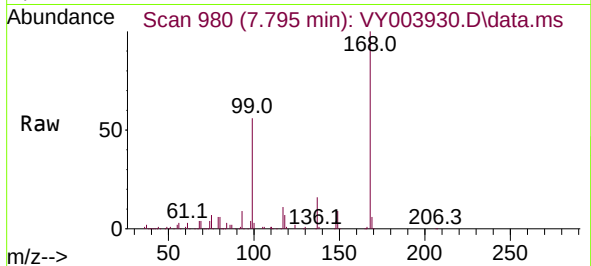




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY003930.D
Acq: 14 Jan 2021 19:34

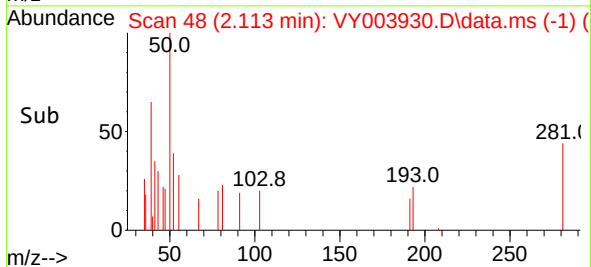
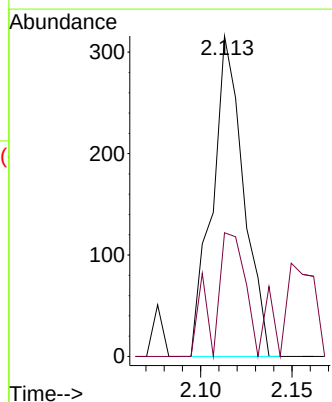
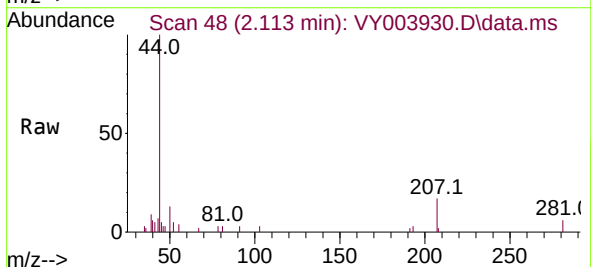
Instrument :
MSVOA_Y
ClientSampleId :

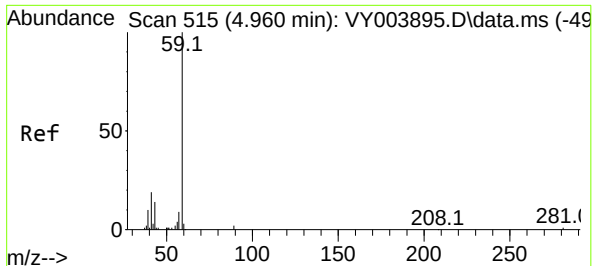
Tgt Ion:168 Resp: 165584
Ion Ratio Lower Upper
168 100
99 56.1 40.4 60.6



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY003930.D
Acq: 14 Jan 2021 19:34

Tgt Ion: 50 Resp: 376
Ion Ratio Lower Upper
50 100
52 38.6 26.6 40.0



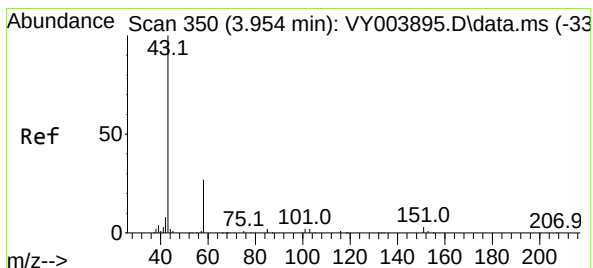
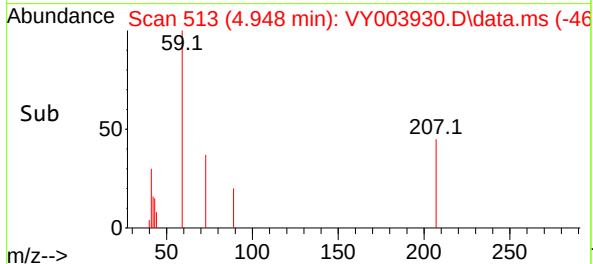
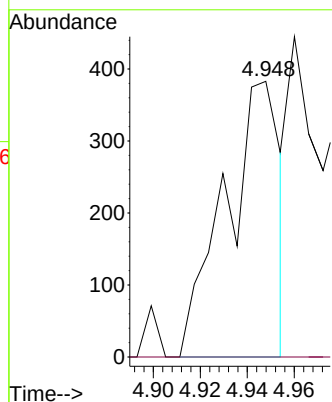
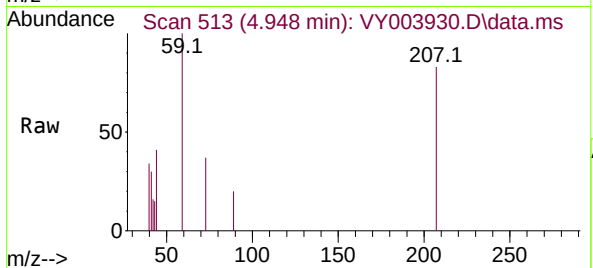


#11

Tert butyl alcohol
Concen: 2.32 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY003930.D
Acq: 14 Jan 2021 19:34

Instrument :
MSVOA_Y
ClientSampled :

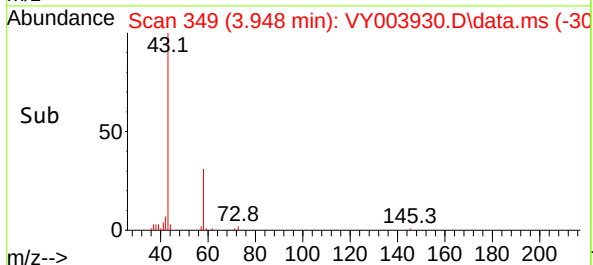
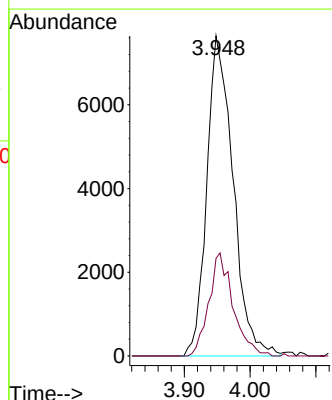
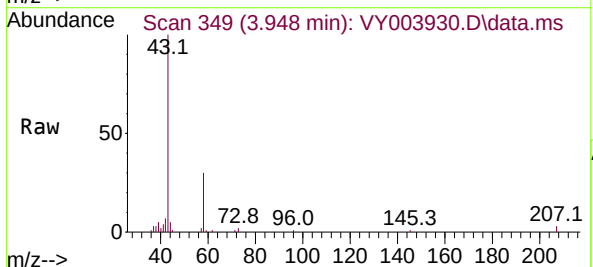
Tgt Ion: 59 Resp: 621
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

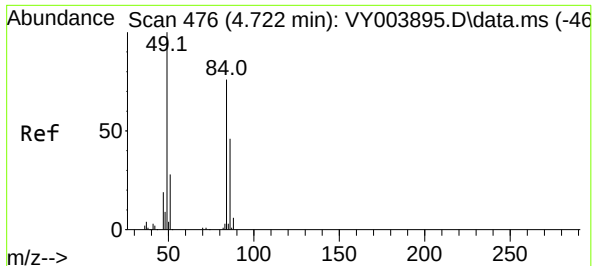


#16

Acetone
Concen: 33.37 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY003930.D
Acq: 14 Jan 2021 19:34

Tgt Ion: 43 Resp: 21223
Ion Ratio Lower Upper
43 100
58 30.5 24.5 36.7

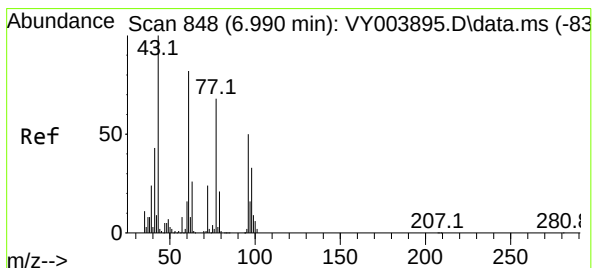
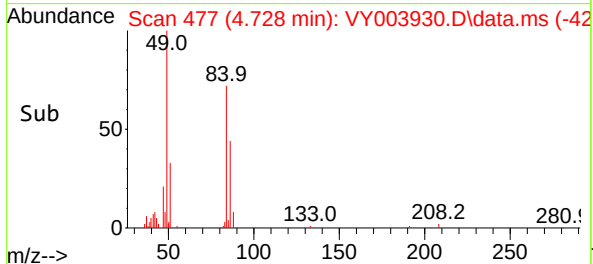
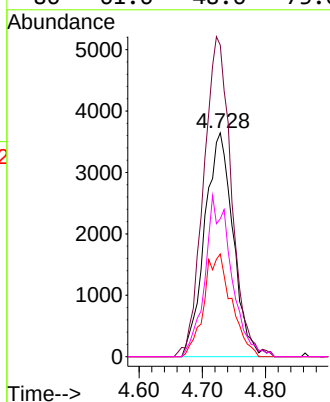
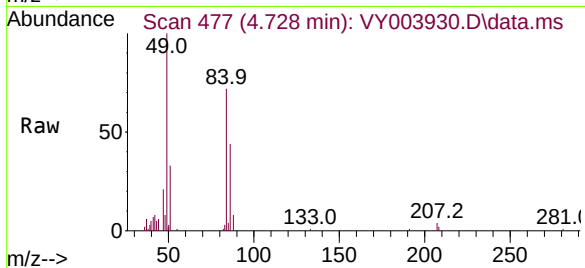




#20
Methylene Chloride
Concen: 4.79 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY003930.D
Acq: 14 Jan 2021 19:34

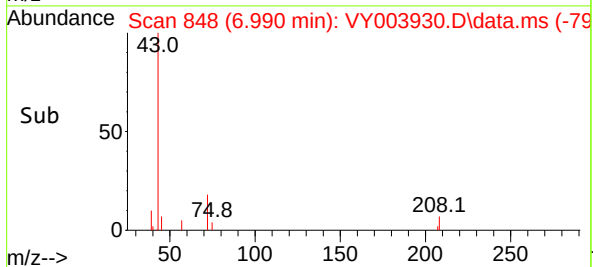
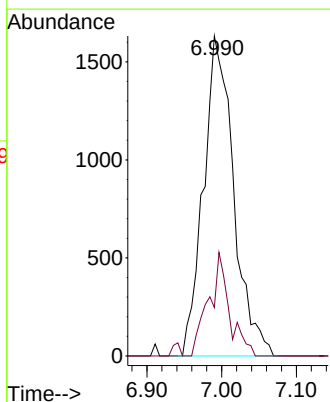
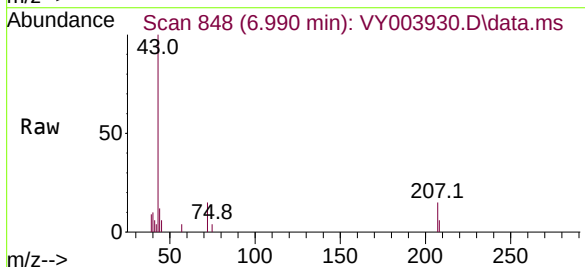
Instrument :
MSVOA_Y
ClientSampleId :

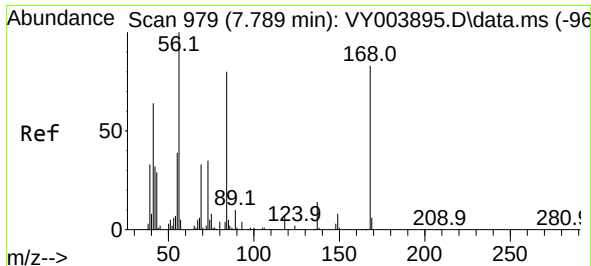
Tgt Ion:	84	Resp:	11404
Ion	Ratio	Lower	Upper
84	100		
49	139.1	98.0	147.0
51	45.9	30.5	45.7#
86	61.6	48.6	73.0



#25
2-Butanone
Concen: 4.61 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY003930.D
Acq: 14 Jan 2021 19:34

Tgt Ion:	43	Resp:	4572
Ion	Ratio	Lower	Upper
43	100		
72	15.1	21.0	31.6#

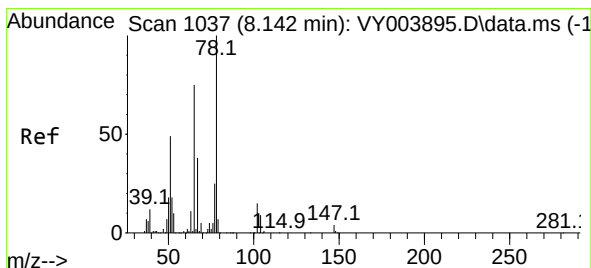
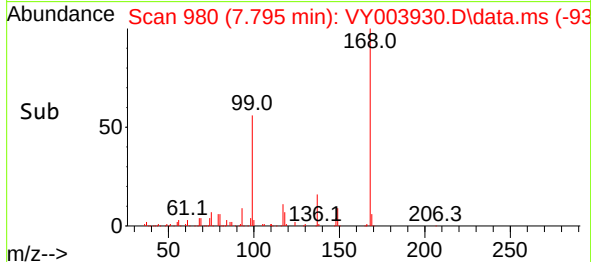
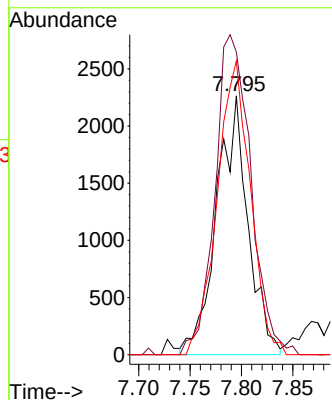
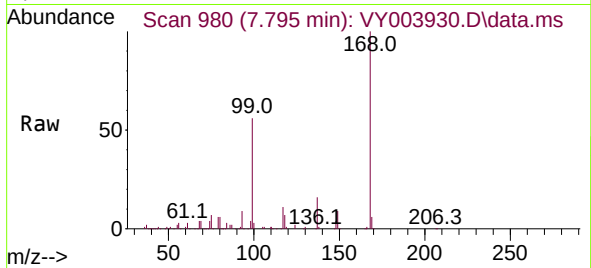




#31
Cyclohexane
Concen: 1.12 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY003930.D
Acq: 14 Jan 2021 19:34

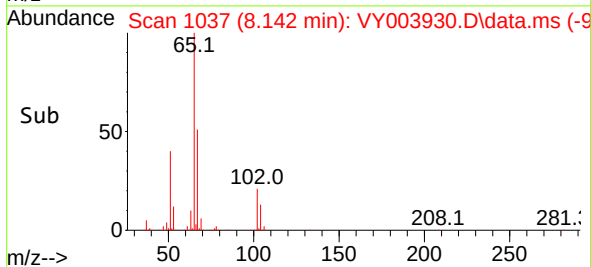
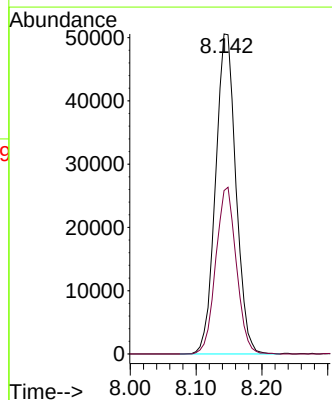
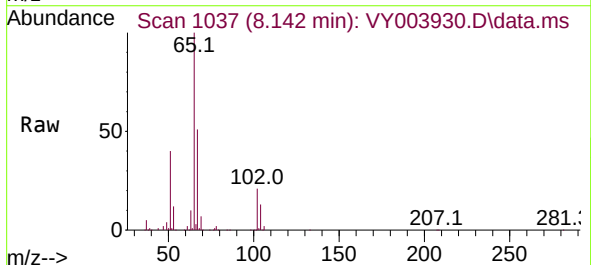
Instrument :
MSVOA_Y
ClientSampleId :

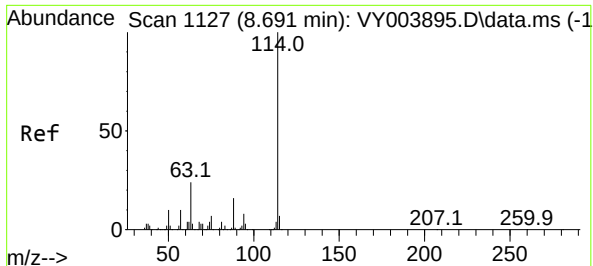
Tgt Ion: 56 Resp: 4829
Ion Ratio Lower Upper
56 100
69 119.6 26.2 39.2#
84 116.1 68.2 102.2#



#33
1,2-Dichloroethane-d4
Concen: 42.47 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY003930.D
Acq: 14 Jan 2021 19:34

Tgt Ion: 65 Resp: 109233
Ion Ratio Lower Upper
65 100
67 52.5 0.0 102.2

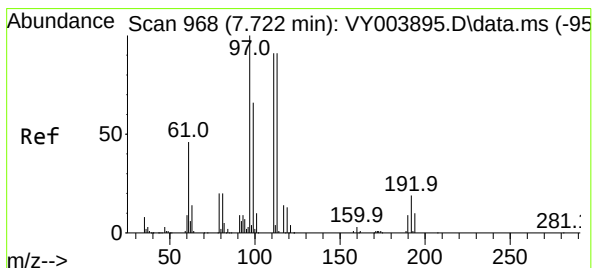
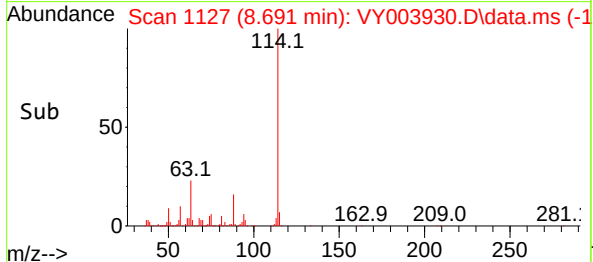
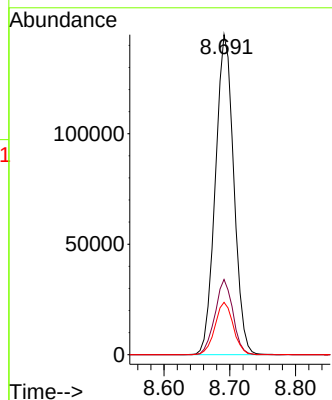
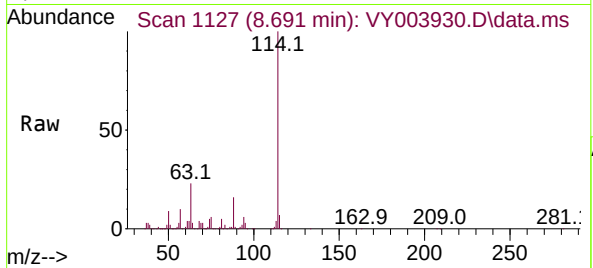




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY003930.D
Acq: 14 Jan 2021 19:34

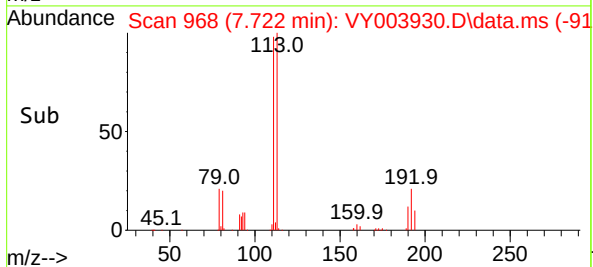
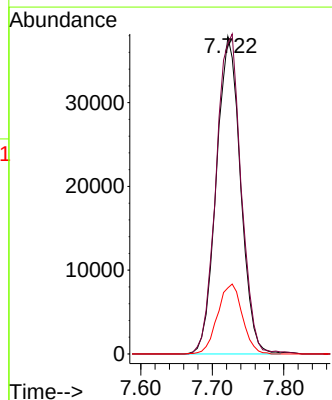
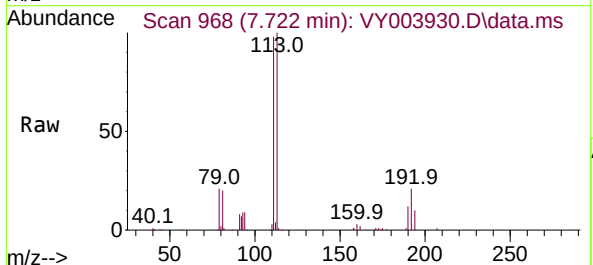
Instrument :
MSVOA_Y
ClientSampled :

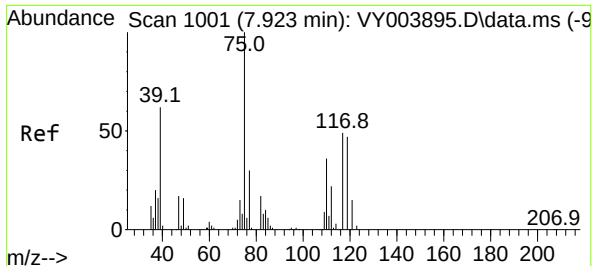
Tgt Ion:	114	Resp:	281861
Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	38.8
88	16.4	0.0	31.4



#35
Dibromofluoromethane
Concen: 38.58 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY003930.D
Acq: 14 Jan 2021 19:34

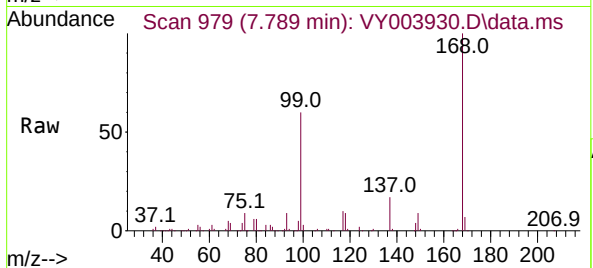
Tgt Ion:	113	Resp:	88875
Ion	Ratio	Lower	Upper
113	100		
111	104.7	83.0	124.6
192	22.6	19.8	29.6



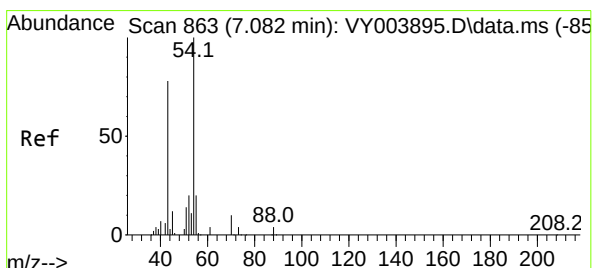
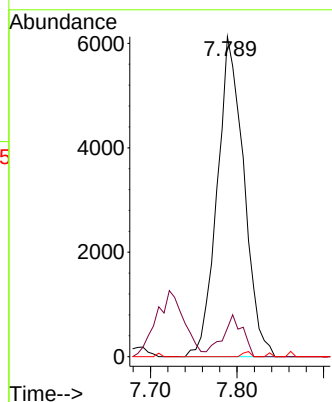
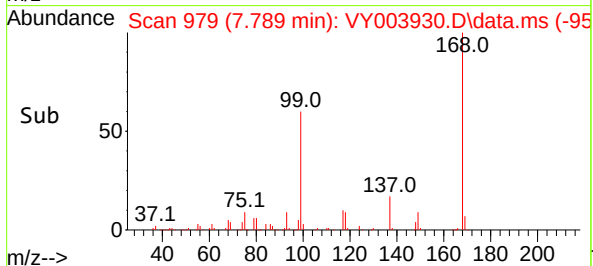


#36
1,1-Dichloropropene
Concen: 3.39 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY003930.D
Acq: 14 Jan 2021 19:34

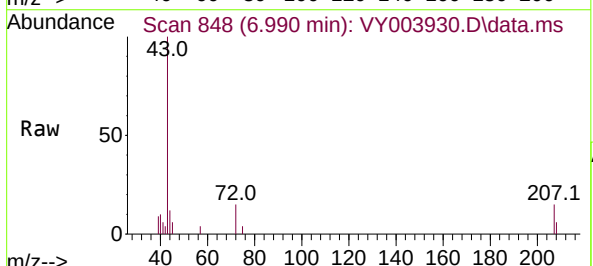
Instrument :
MSVOA_Y
ClientSampleId :



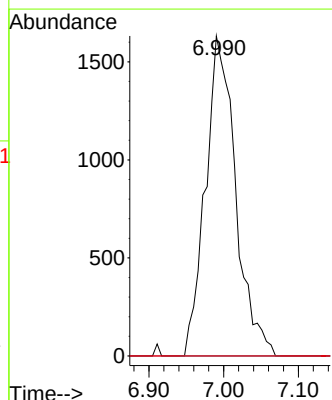
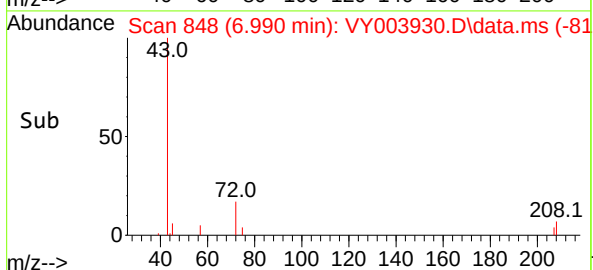
Tgt Ion: 75 Resp: 13089
Ion Ratio Lower Upper
75 100
110 9.8 17.7 53.1#
77 0.0 24.8 37.2#

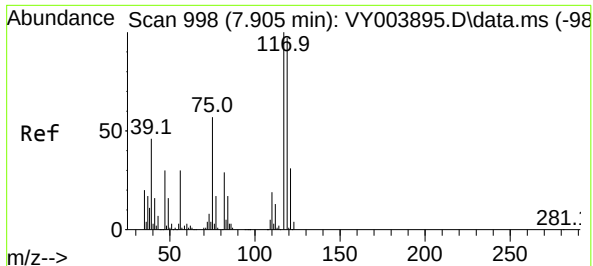


#37
Ethyl Acetate
Concen: 1.76 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.091 min
Lab File: VY003930.D
Acq: 14 Jan 2021 19:34



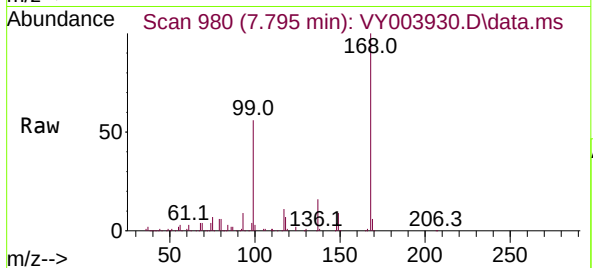
Tgt Ion: 43 Resp: 4572
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.4 12.6#



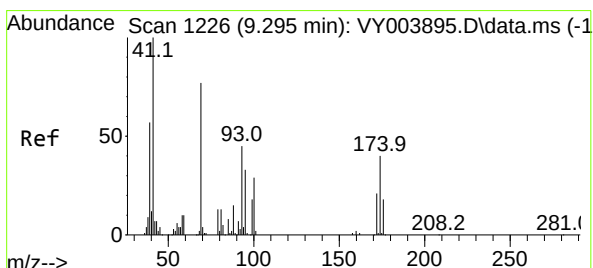
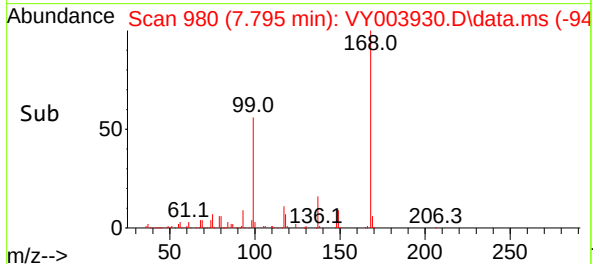
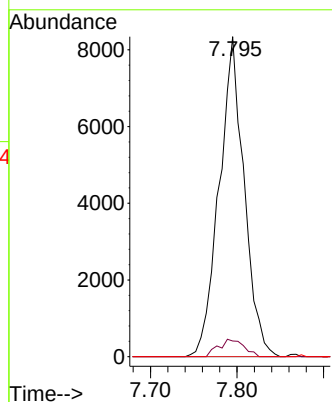


#38
Carbon Tetrachloride
Concen: 4.08 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY003930.D
Acq: 14 Jan 2021 19:34

Instrument :
MSVOA_Y
ClientSampleId :

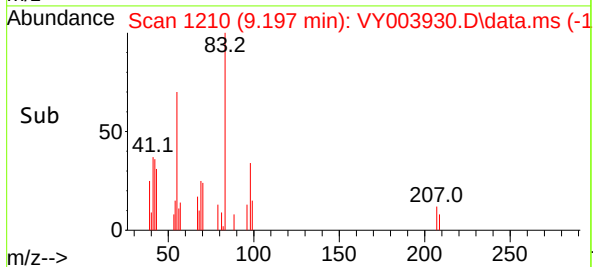
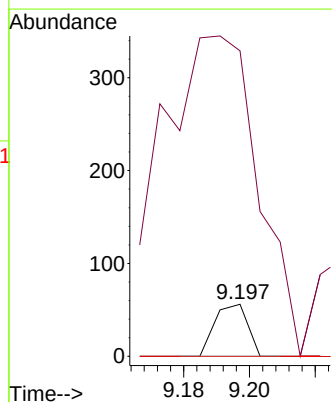
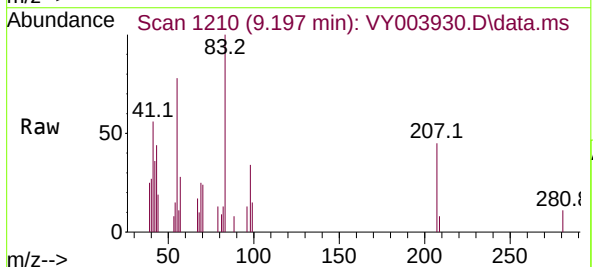


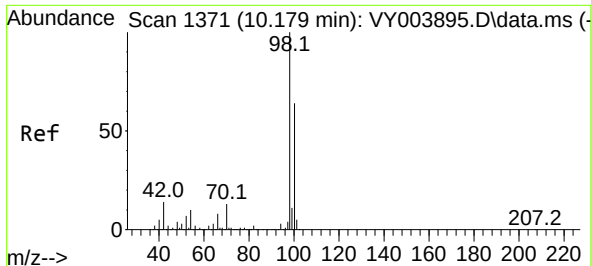
Tgt Ion:117 Resp: 16677
Ion Ratio Lower Upper
117 100
119 4.9 78.6 118.0#
121 0.0 25.8 38.6#



#49
1,4-Dioxane
Concen: 1.89 ug/l
RT: 9.197 min Scan# 1210
Delta R.T. -0.098 min
Lab File: VY003930.D
Acq: 14 Jan 2021 19:34

Tgt Ion: 88 Resp: 39
Ion Ratio Lower Upper
88 100
43 1810.3 27.9 41.9#
58 0.0 54.7 82.1#

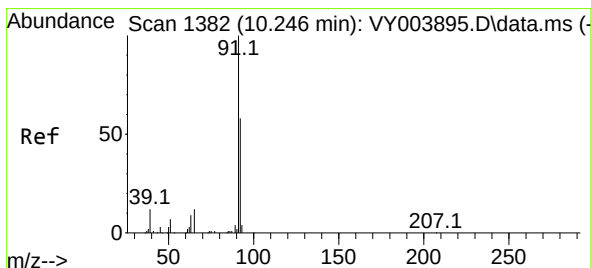
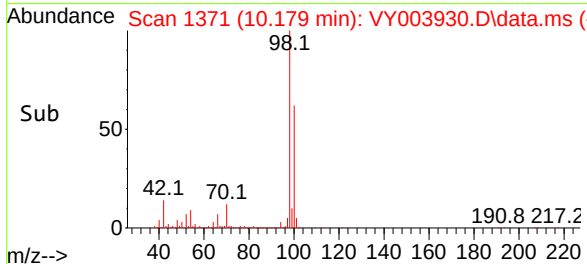
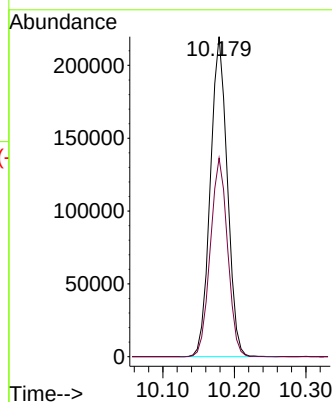
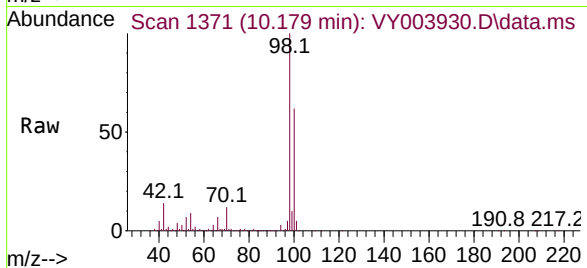




#50
Toluene-d8
Concen: 38.75 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY003930.D
Acq: 14 Jan 2021 19:34

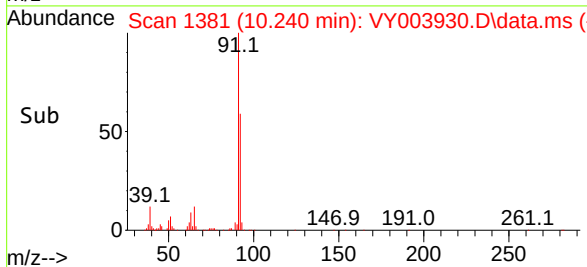
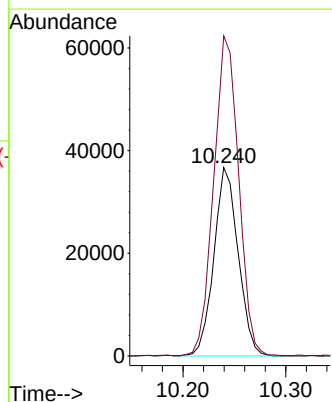
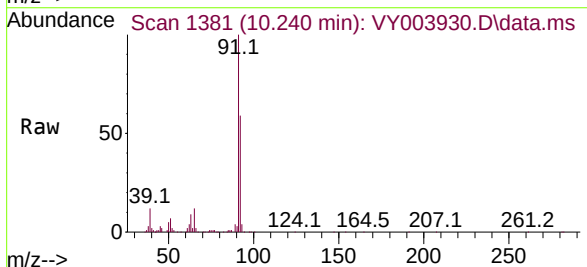
Instrument :
MSVOA_Y
ClientSampleId :

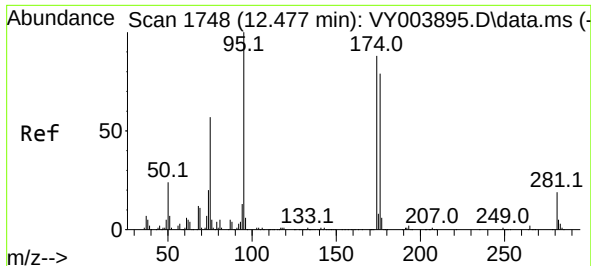
Tgt Ion: 98 Resp: 361758
Ion Ratio Lower Upper
98 100
100 63.0 51.4 77.0



#52
Toluene
Concen: 8.97 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY003930.D
Acq: 14 Jan 2021 19:34

Tgt Ion: 92 Resp: 60074
Ion Ratio Lower Upper
92 100
91 175.8 140.7 211.1

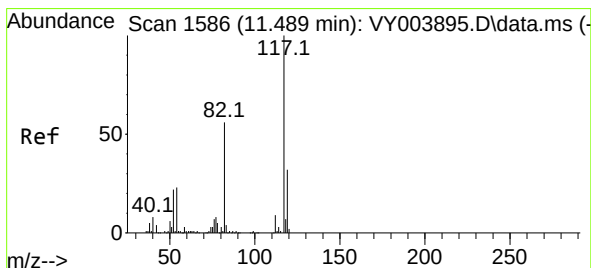
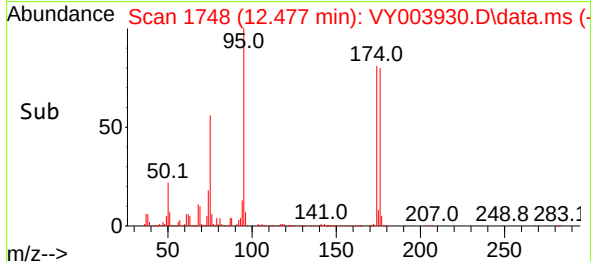
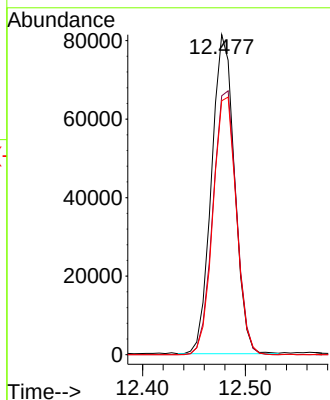
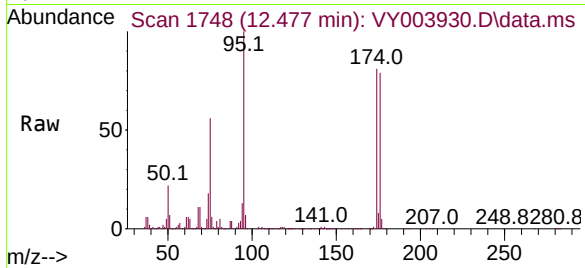




#62
4-Bromofluorobenzene
Concen: 37.06 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY003930.D
Acq: 14 Jan 2021 19:34

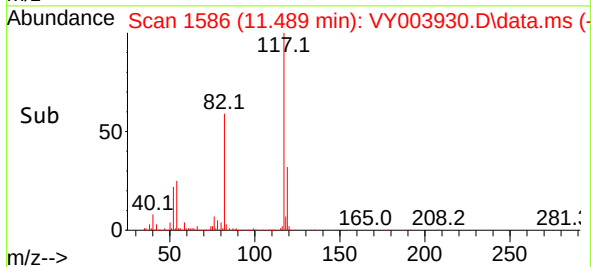
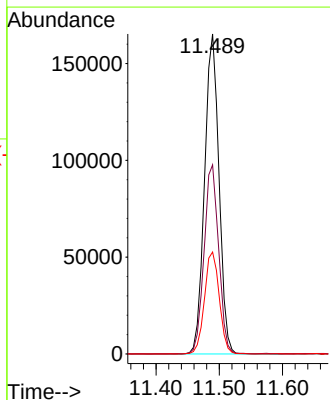
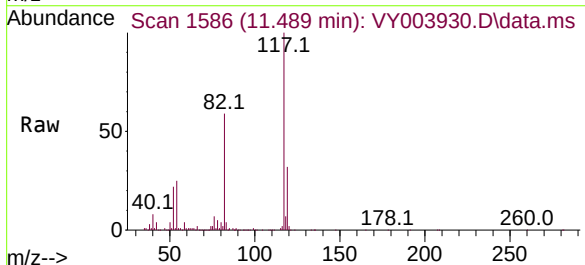
Instrument :
MSVOA_Y
ClientSampleId :

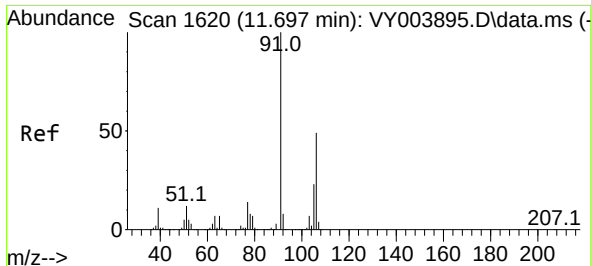
Tgt Ion: 95 Resp: 126363
Ion Ratio Lower Upper
95 100
174 84.3 0.0 193.2
176 81.8 0.0 187.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY003930.D
Acq: 14 Jan 2021 19:34

Tgt Ion: 117 Resp: 262418
Ion Ratio Lower Upper
117 100
82 59.0 43.9 65.9
119 31.8 26.2 39.4

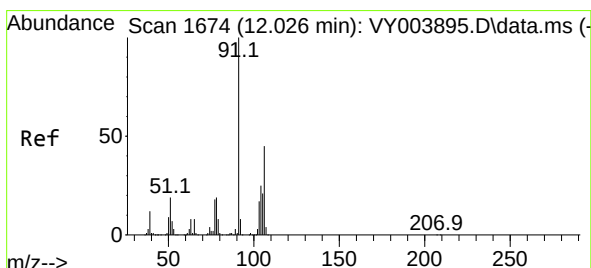
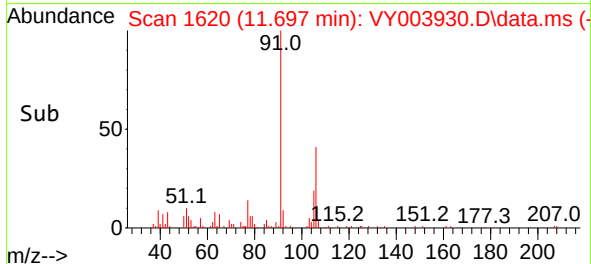
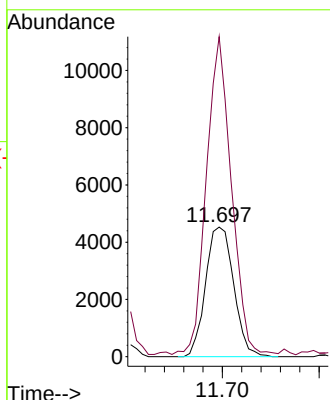
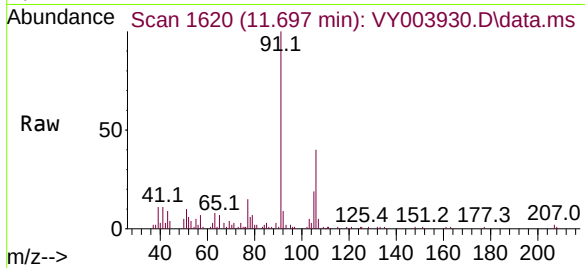




#68
m/p-Xylenes
Concen: 1.89 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY003930.D
Acq: 14 Jan 2021 19:34

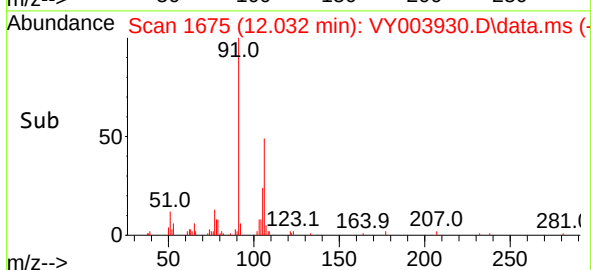
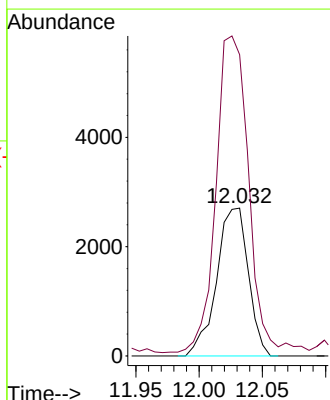
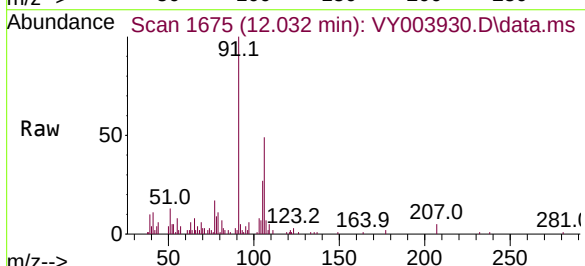
Instrument :
MSVOA_Y
ClientSampled :

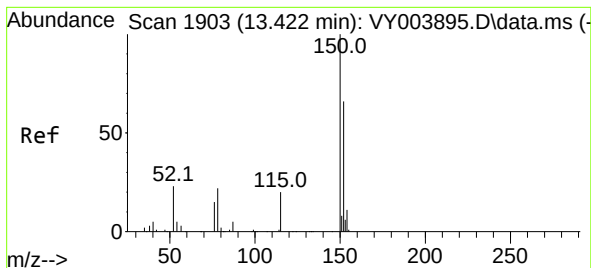
Tgt Ion:106 Resp: 9138
Ion Ratio Lower Upper
106 100
91 217.0 162.2 243.4



#69
o-Xylene
Concen: 1.04 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY003930.D
Acq: 14 Jan 2021 19:34

Tgt Ion:106 Resp: 4724
Ion Ratio Lower Upper
106 100
91 219.8 107.6 322.8

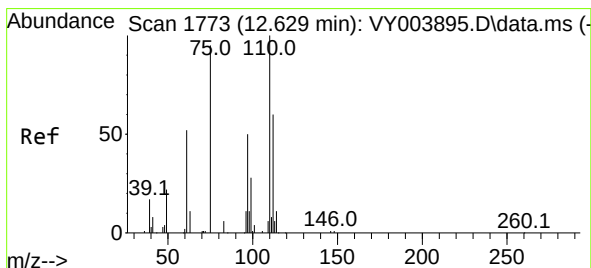
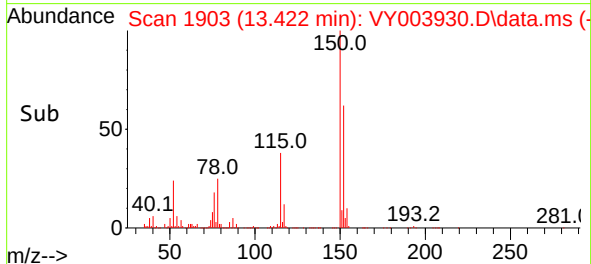
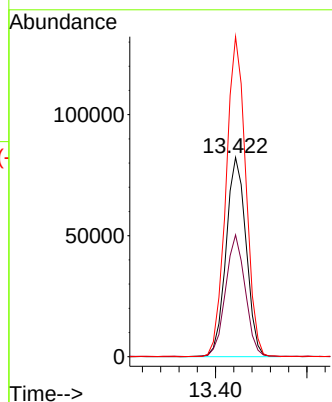
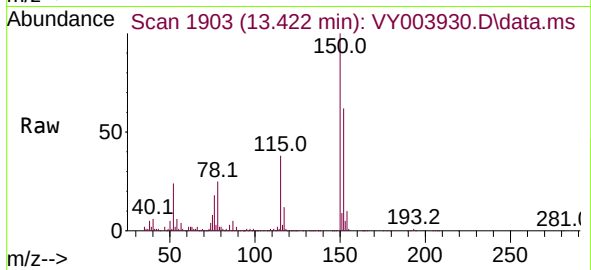




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY003930.D
 Acq: 14 Jan 2021 19:34

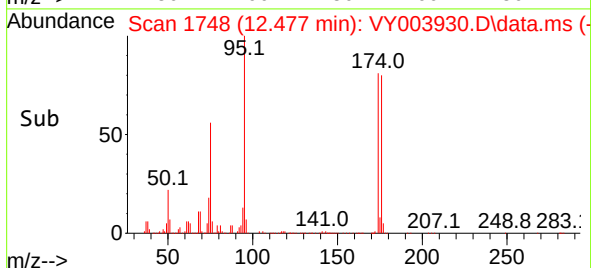
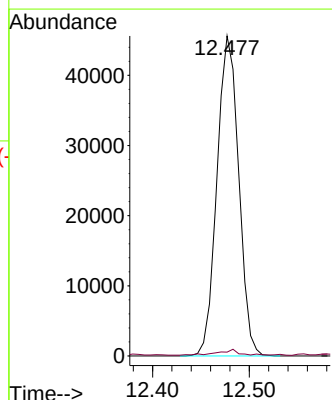
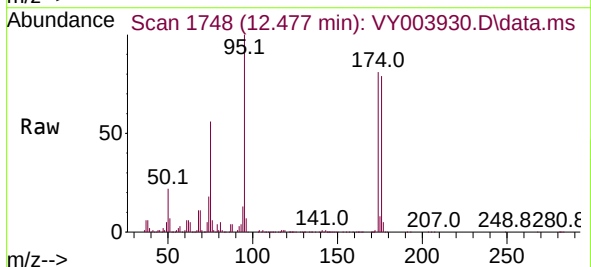
Instrument :
 MSVOA_Y
 ClientSampled :

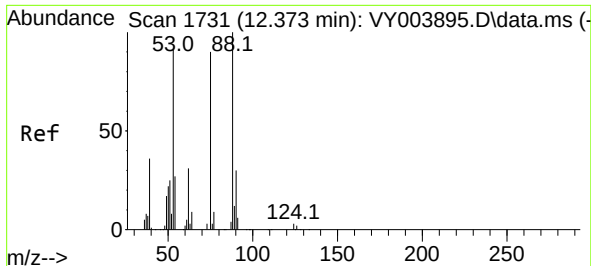
Tgt Ion:152 Resp: 125488
 Ion Ratio Lower Upper
 152 100
 115 59.9 27.9 83.7
 150 158.4 0.0 356.4



#76
 1,2,3-Trichloropropane
 Concen: 41.90 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY003930.D
 Acq: 14 Jan 2021 19:34

Tgt Ion: 75 Resp: 71100
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#

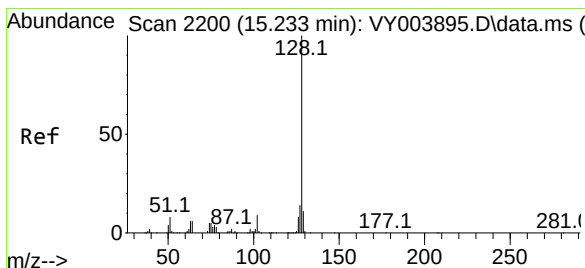
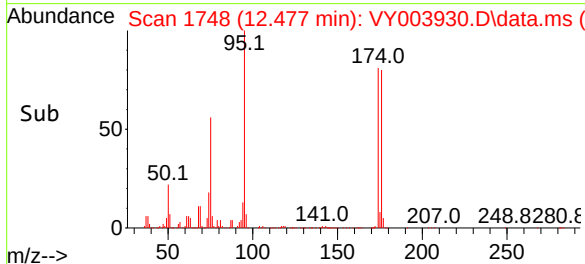
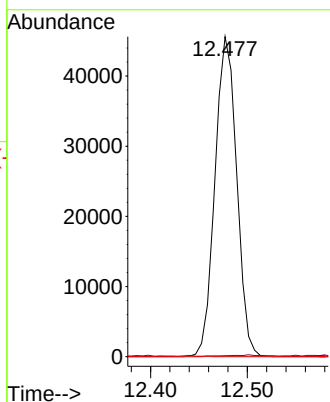
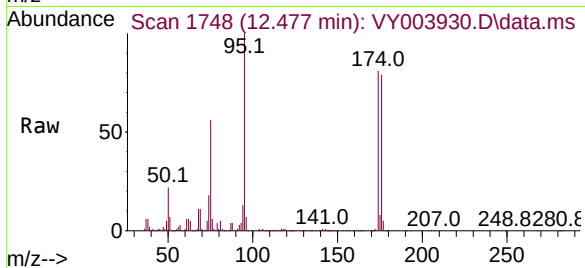




#81
trans-1,4-Dichloro-2-butene
Concen: 79.54 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY003930.D
Acq: 14 Jan 2021 19:34

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 71100
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.0 0.0 0.0#



#95
Naphthalene
Concen: 31.64 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY003930.D
Acq: 14 Jan 2021 19:34

Tgt Ion:128 Resp: 203891
Ion Ratio Lower Upper
128 100
127 13.9 10.6 15.8
129 11.2 8.7 13.1

