

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 :
 SU-01-011421

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)

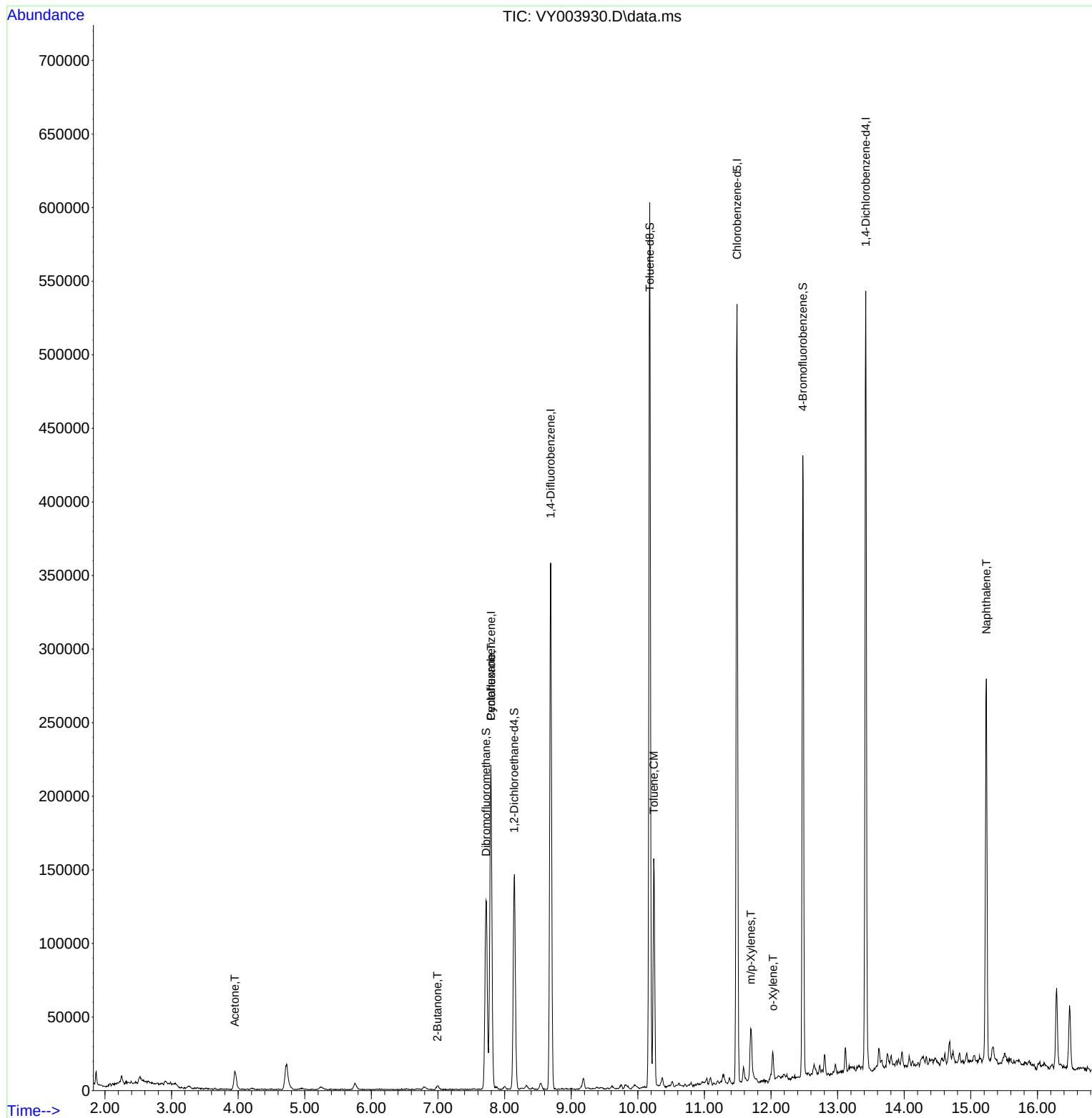
Internal Standards						
1) Pentafluorobenzene	7.795	168	165584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	281861	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	262418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	125488	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
16) Acetone	3.948	43	21223	33.37	ug/l	100
25) 2-Butanone	6.990	43	4572	4.61	ug/l #	78
31) Cyclohexane	7.795	56	4829	1.12	ug/l #	33
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
95) Naphthalene	15.233	128	203891	31.64	ug/l	99

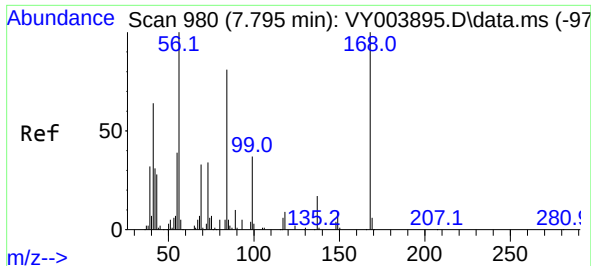
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 15 01:00:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

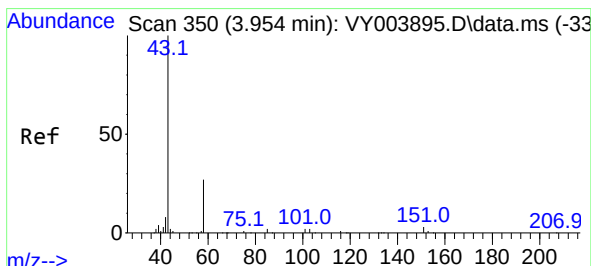
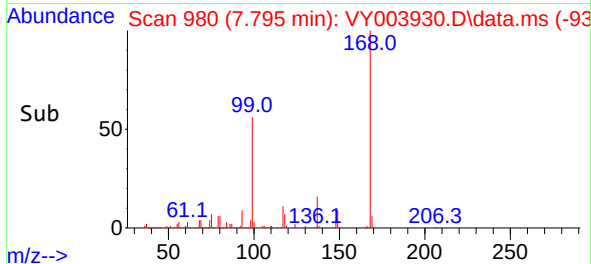
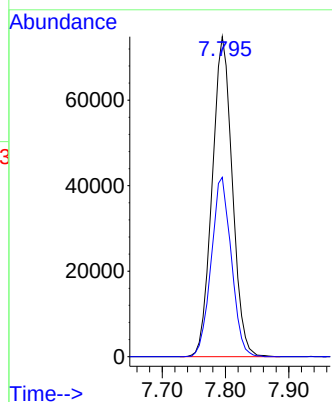
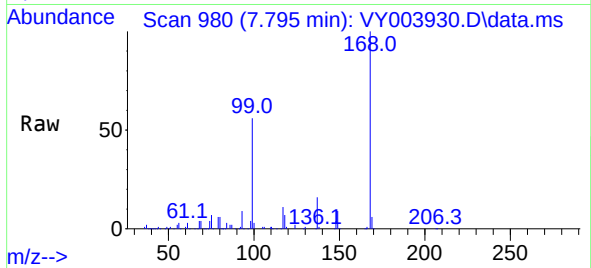




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY003930.D
Acq: 14 Jan 2021 19:34

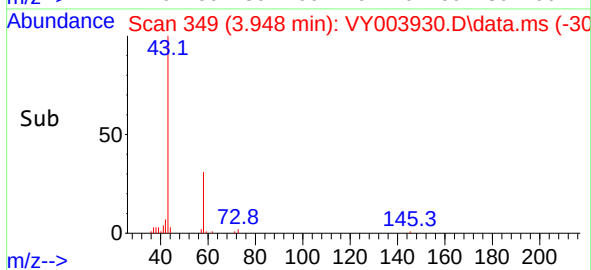
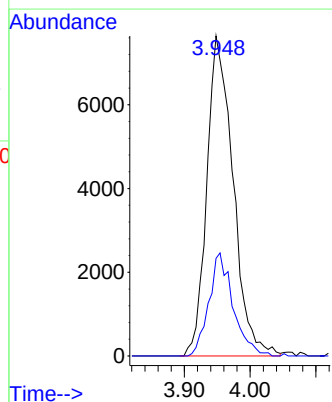
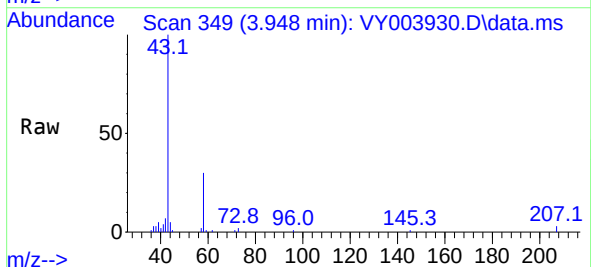
Instrument :
MSVOA_Y
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SU-01-011421

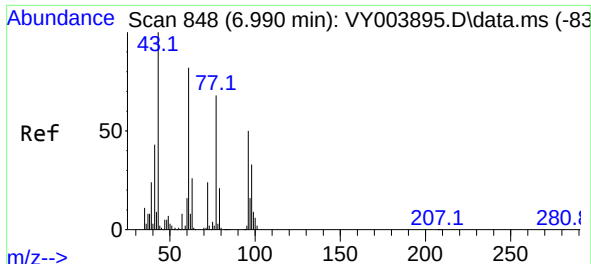
Tgt Ion:168 Resp: 165584
Ion Ratio Lower Upper
168 100
99 56.1 40.4 60.6



#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

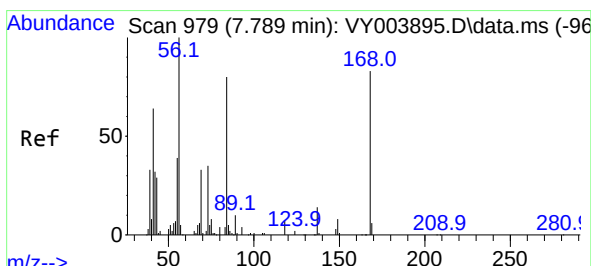
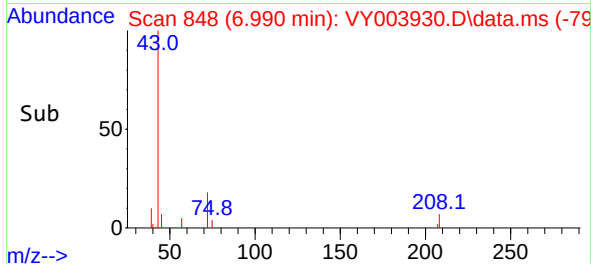
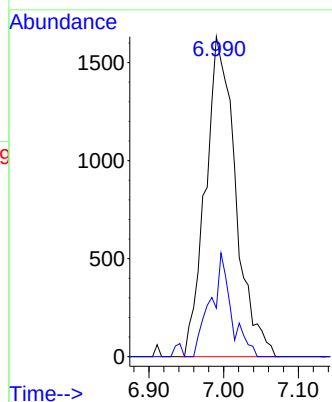
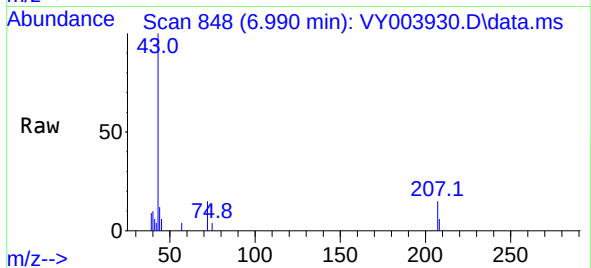




#25
2-Butanone
Concen: 4.61 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY003930.D
Acq: 14 Jan 2021 19:34

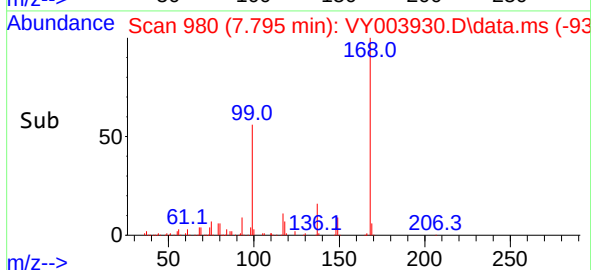
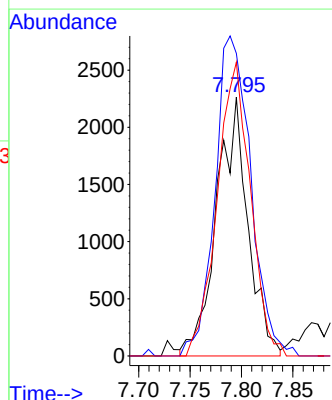
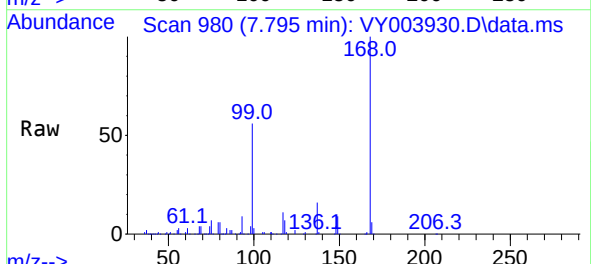
Instrument :
MSVOA_Y
ClientSampleId :
SU-01-011421

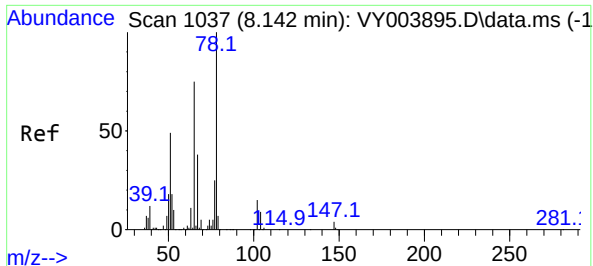
Tgt Ion: 43 Resp: 4572
Ion Ratio Lower Upper
43 100
72 15.1 21.0 31.6#



#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

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#

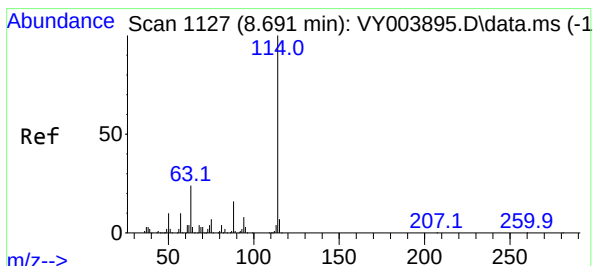
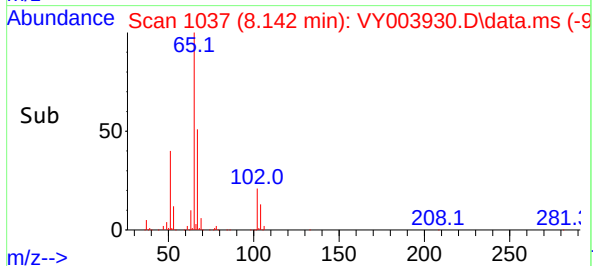
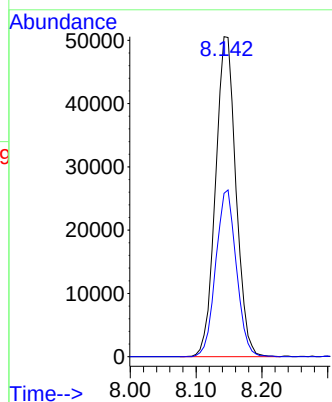
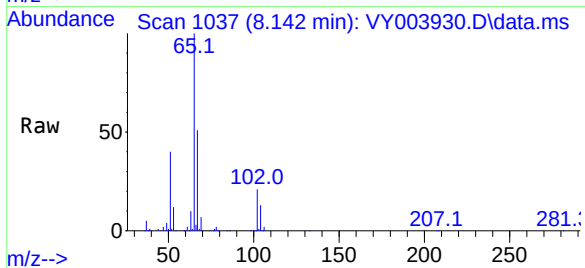




#33
1,2-Dichloroethane-d4
Concen: 42.47 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY003930.D
Acq: 14 Jan 2021 19:34

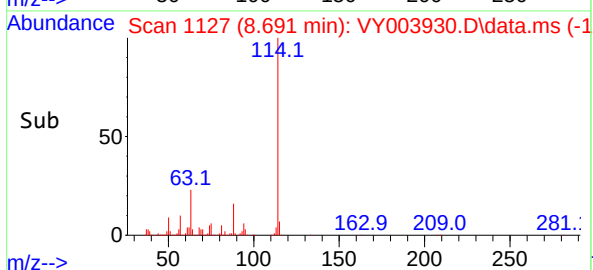
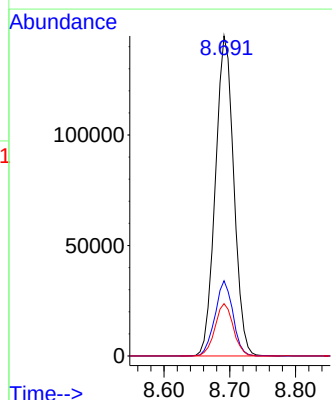
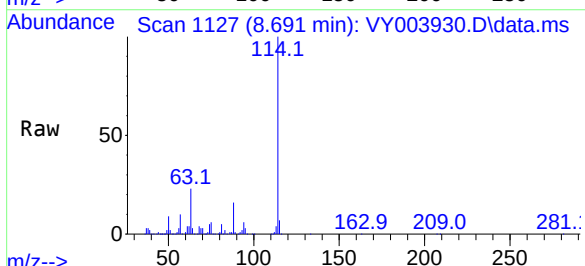
Instrument :
MSVOA_Y
ClientSampleId :
SU-01-011421

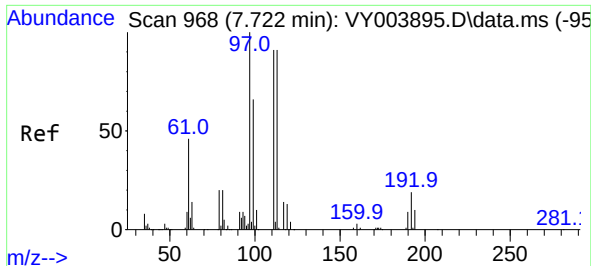
Tgt Ion: 65 Resp: 109233
Ion Ratio Lower Upper
65 100
67 52.5 0.0 102.2



#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

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

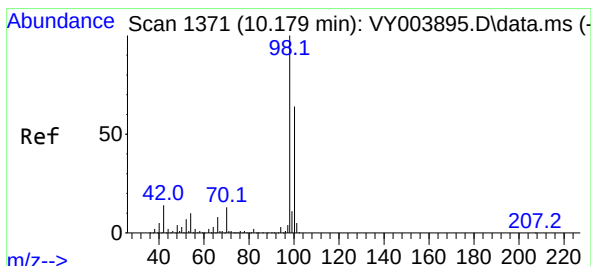
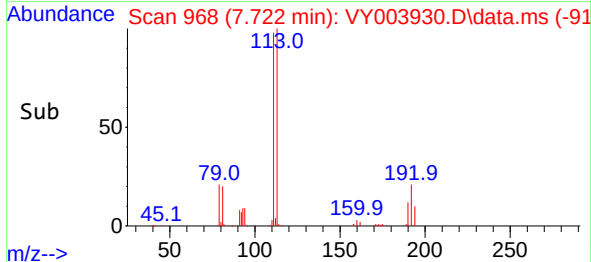
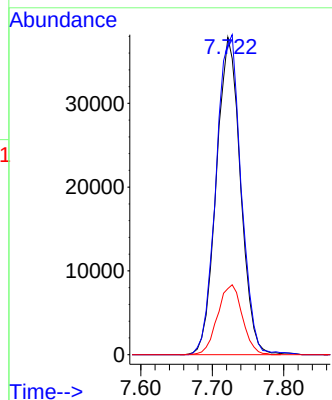
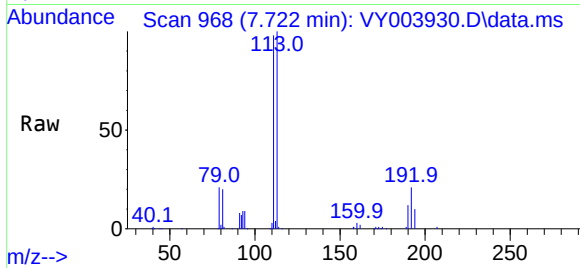




#35
Dibromofluoromethane
Concen: 38.58 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY003930.D
Acq: 14 Jan 2021 19:34

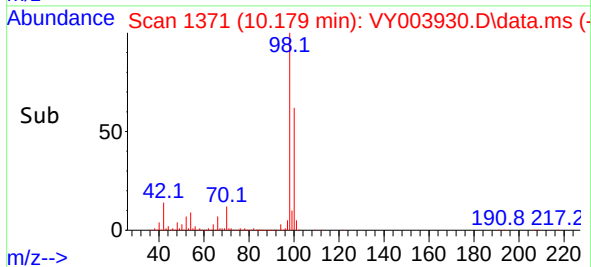
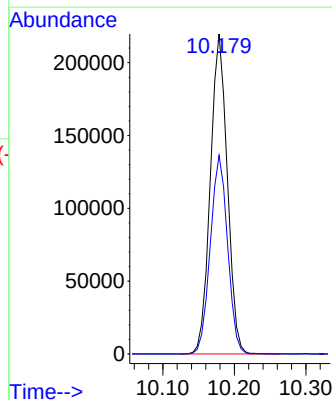
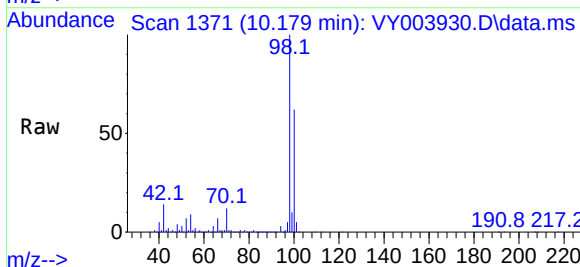
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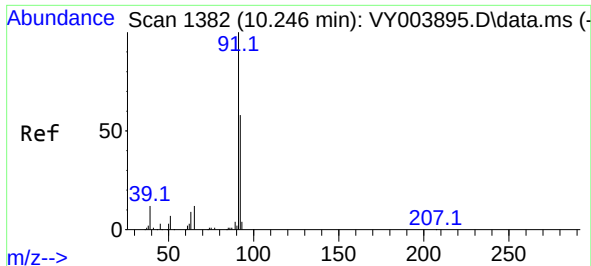
Tgt Ion:113 Resp: 88875
Ion Ratio Lower Upper
113 100
111 104.7 83.0 124.6
192 22.6 19.8 29.6



#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

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

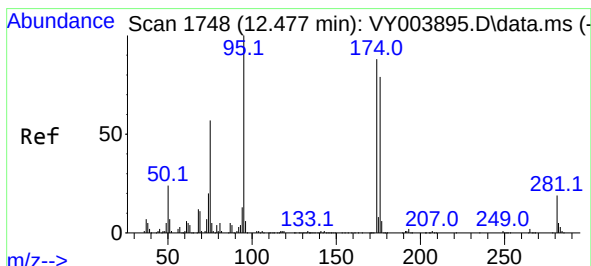
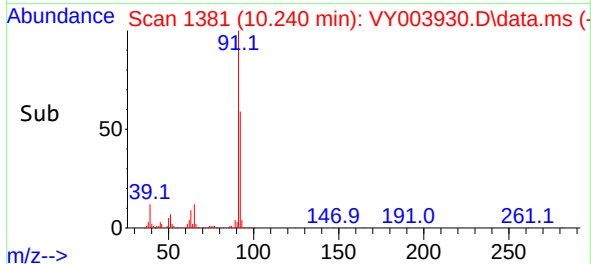
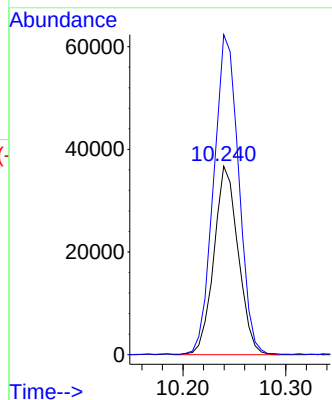
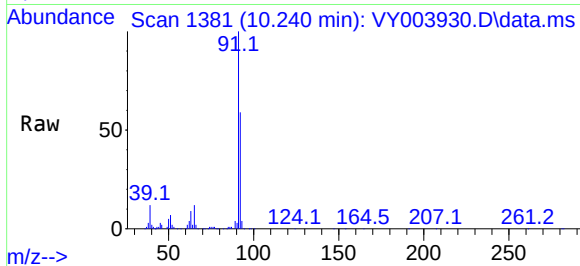




#52
Toluene
Concen: 8.97 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY003930.D
Acq: 14 Jan 2021 19:34

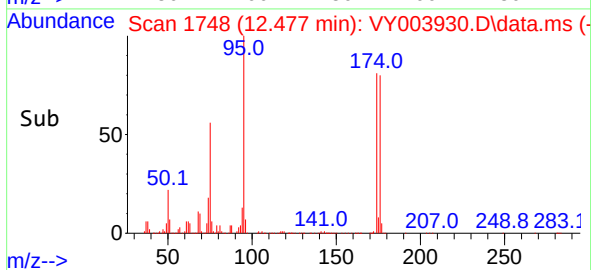
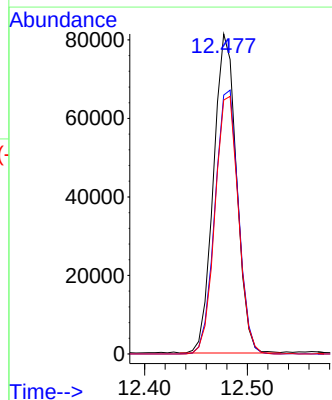
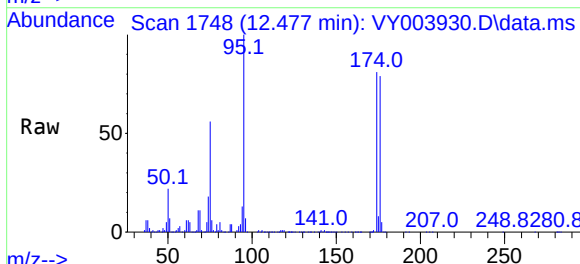
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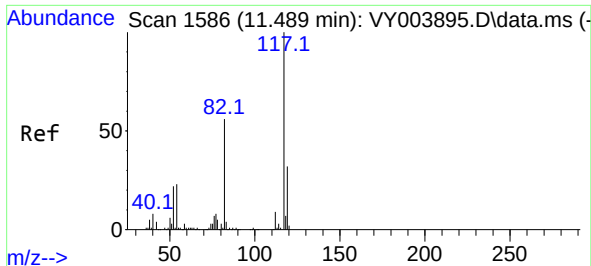
Tgt Ion: 92 Resp: 60074
Ion Ratio Lower Upper
92 100
91 175.8 140.7 211.1



#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

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

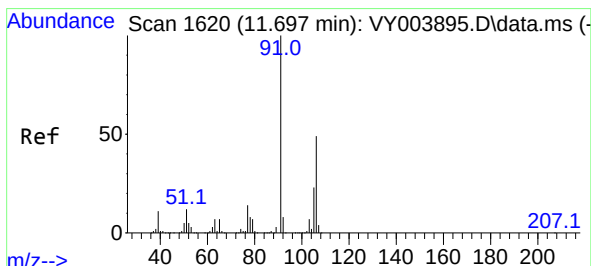
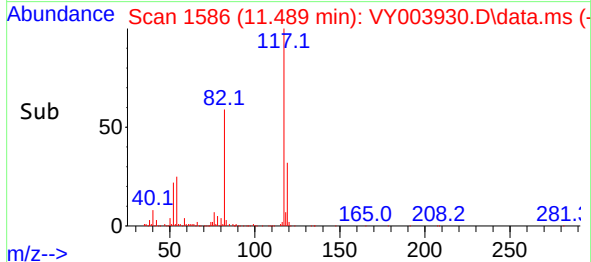
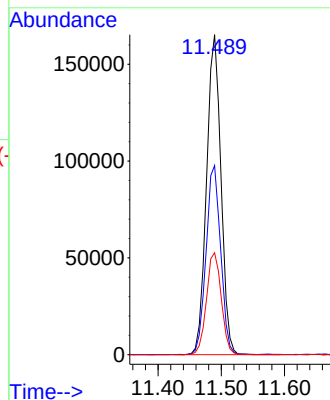
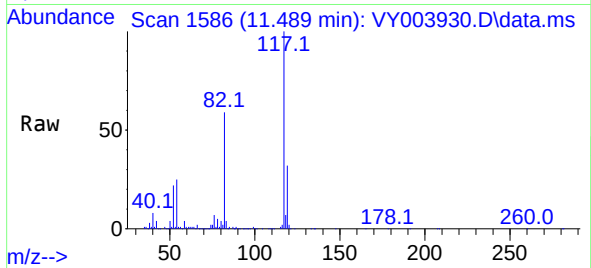




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY003930.D
Acq: 14 Jan 2021 19:34

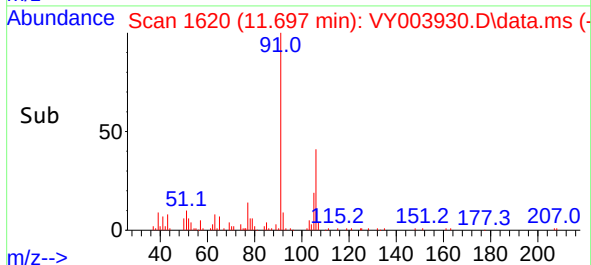
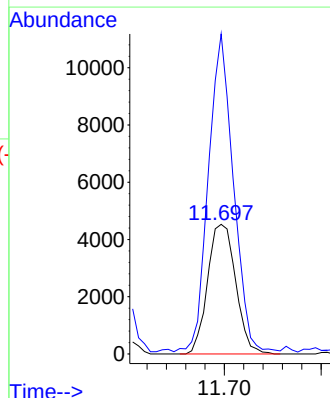
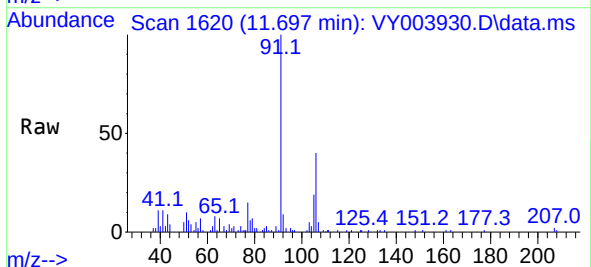
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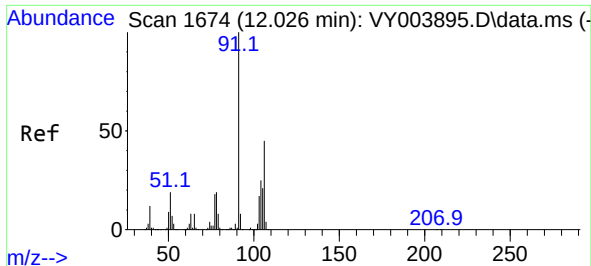
Tgt Ion:117 Resp: 262418
Ion Ratio Lower Upper
117 100
82 59.0 43.9 65.9
119 31.8 26.2 39.4



#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

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

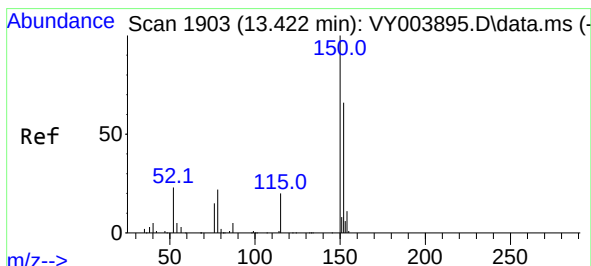
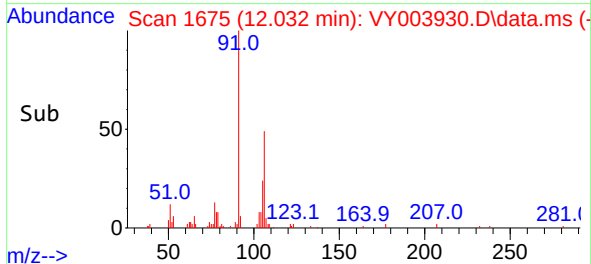
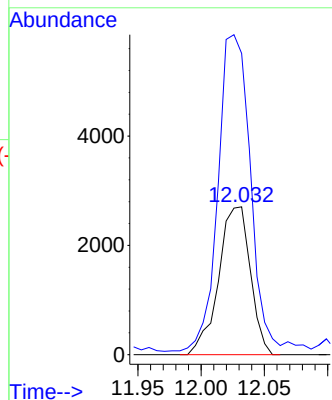
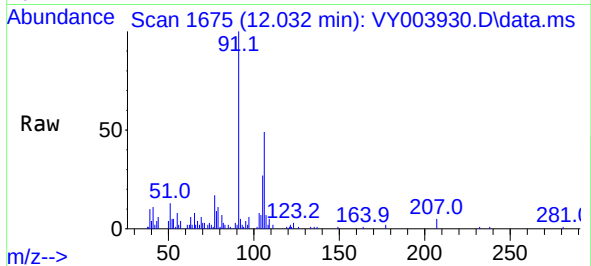




#69
o-Xylene
Concen: 1.04 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY003930.D
Acq: 14 Jan 2021 19:34

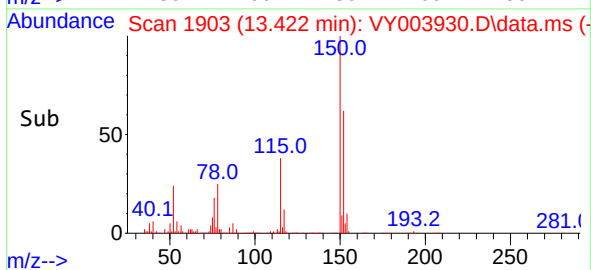
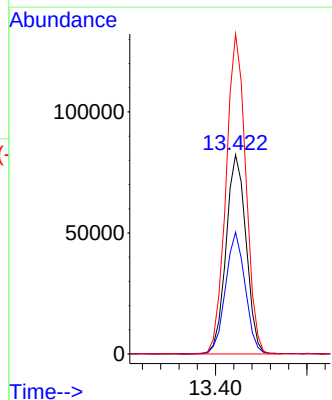
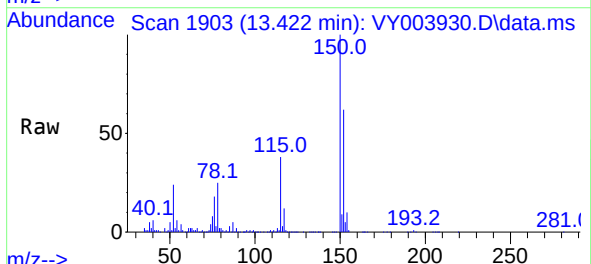
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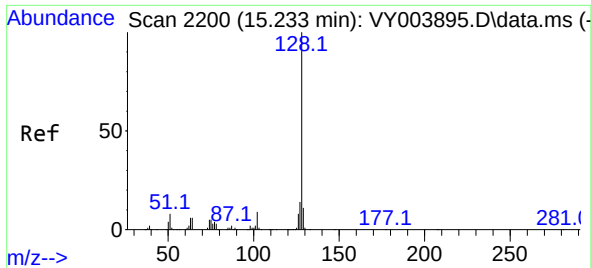
Tgt Ion:106 Resp: 4724
Ion Ratio Lower Upper
106 100
91 219.8 107.6 322.8



#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

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





#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

Instrument :
MSVOA_Y
ClientSampleId :
SU-01-011421

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

