

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040921\
 Data File : VY004366.D
 Acq On : 09 Apr 2021 18:28
 Operator : SY/MD
 Sample : M1967-09
 Misc : 3.46G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB1-A

Quant Time: Apr 10 04:18:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:38:14 2021
 Response via : Initial Calibration

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

Internal Standards					
1) Pentafluorobenzene	7.801	168	214173	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	365689	50.00 ug/l	0.00
63) Chlorobenzene-d5	11.495	117	337845	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	147783	50.00 ug/l	0.00

System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.148	65	132848	64.52 ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.04%
35) Dibromofluoromethane	7.728	113	96654	47.44 ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.88%
50) Toluene-d8	10.185	98	460320	60.07 ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 120.14%
62) 4-Bromofluorobenzene	12.483	95	175811	66.94 ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 133.88%

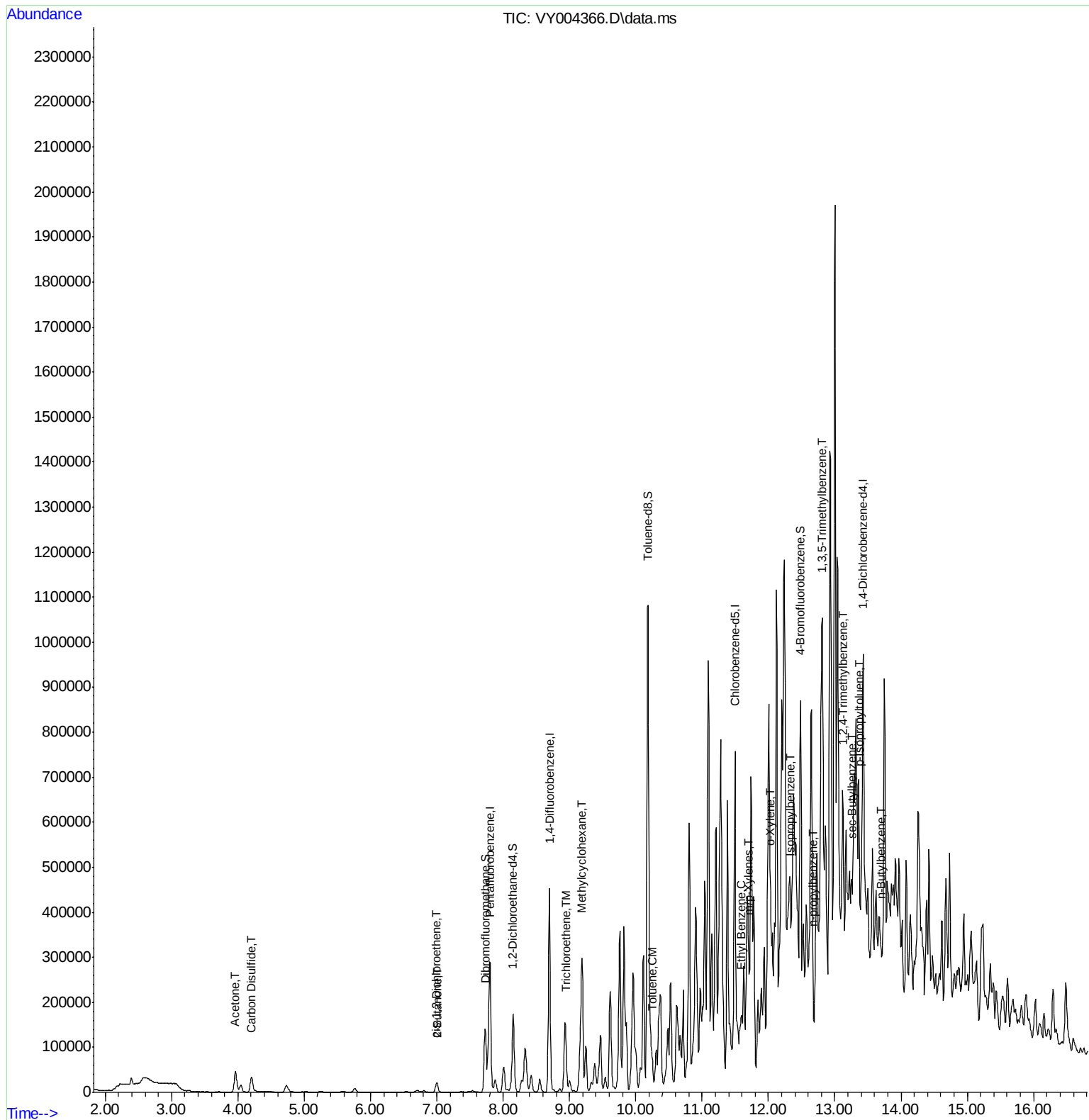
Target Compounds					Qvalue
16) Acetone	3.960	43	84701	197.46 ug/l	97
17) Carbon Disulfide	4.204	76	65288	12.82 ug/l	99
25) 2-Butanone	7.002	43	14794	20.65 ug/l	91
27) cis-1,2-Dichloroethene	6.996	96	7332	2.98 ug/l	97
39) Methylcyclohexane	9.185	83	94232	22.80 ug/l #	84
44) Trichloroethene	8.947	130	22401	7.43 ug/l	87
52) Toluene	10.246	92	25081	4.12 ug/l	93
67) Ethyl Benzene	11.593	91	29582	2.42 ug/l	99
68) m/p-Xylenes	11.703	106	33711	7.18 ug/l	94
69) o-Xylene	12.032	106	33117	7.53 ug/l	93
73) Isopropylbenzene	12.331	105	20282	1.88 ug/l	95
78) n-propylbenzene	12.672	91	28081	2.25 ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	65130	7.39 ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	130798	14.81 ug/l	99
85) sec-Butylbenzene	13.257	105	23503	2.24 ug/l #	69
86) p-Isopropyltoluene	13.367	119	31539	3.24 ug/l	95
89) n-Butylbenzene	13.696	91	18459	2.06 ug/l #	75

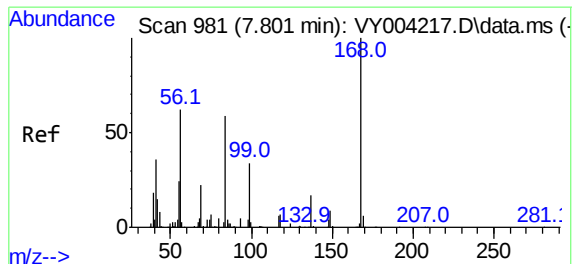
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040921\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

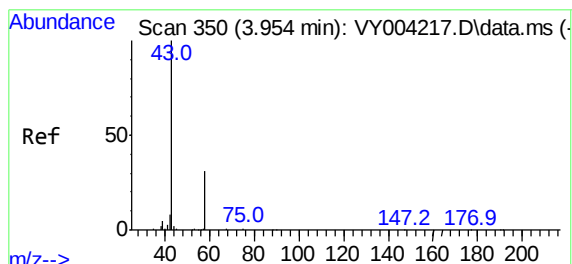
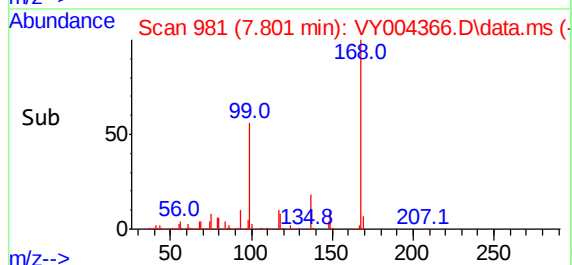
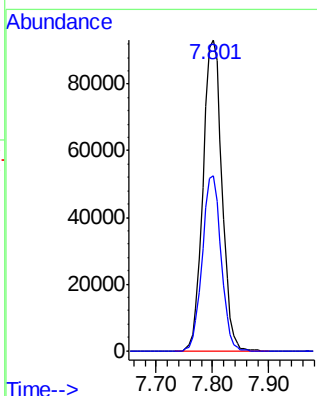
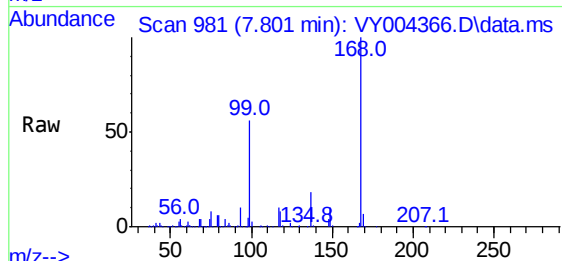




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004366.D
Acq: 09 Apr 2021 18:28

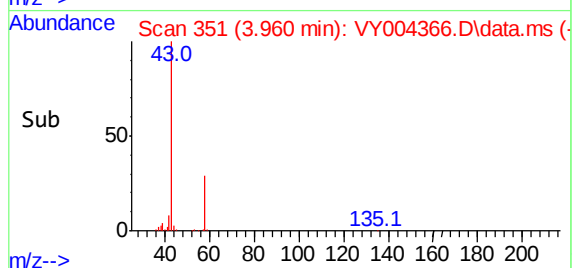
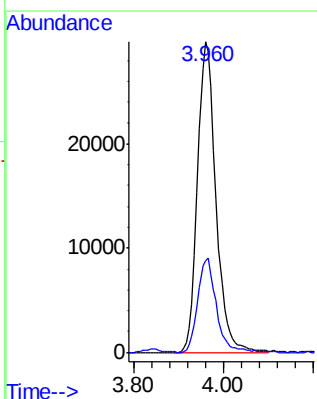
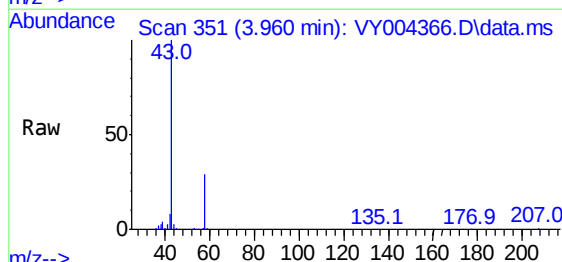
Instrument :
MSVOA_Y
ClientSampled :
SB1-A

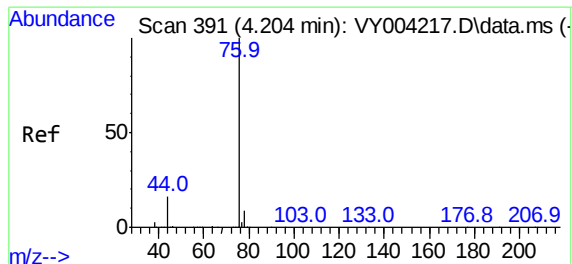
Tgt Ion:168 Resp: 214173
Ion Ratio Lower Upper
168 100
99 56.3 42.6 64.0



#16
Acetone
Concen: 197.46 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004366.D
Acq: 09 Apr 2021 18:28

Tgt Ion: 43 Resp: 84701
Ion Ratio Lower Upper
43 100
58 29.2 24.5 36.7

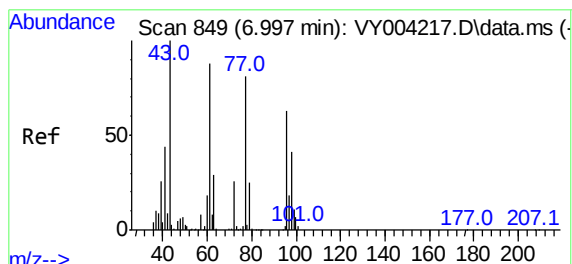
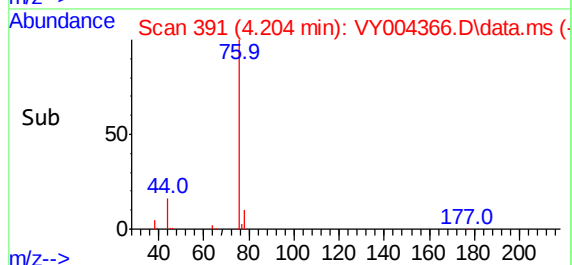
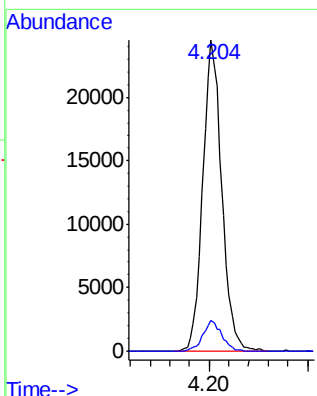
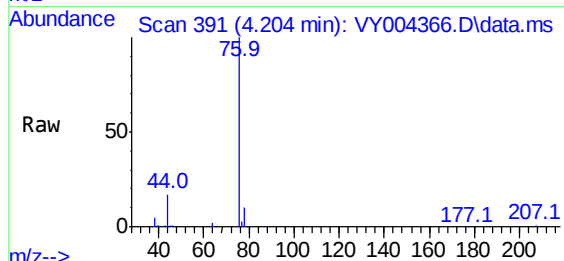




#17
Carbon Disulfide
Concen: 12.82 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY004366.D
Acq: 09 Apr 2021 18:28

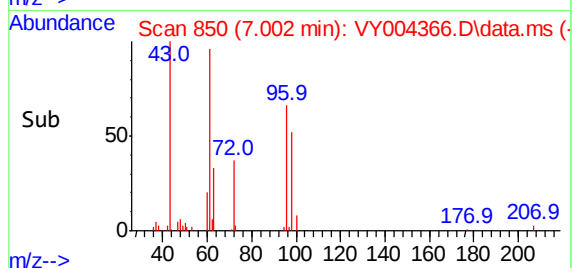
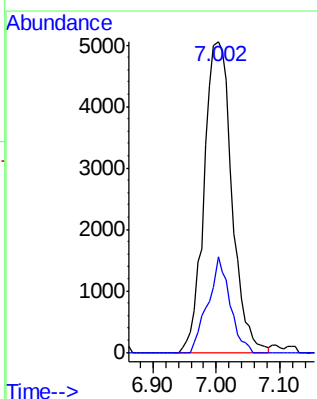
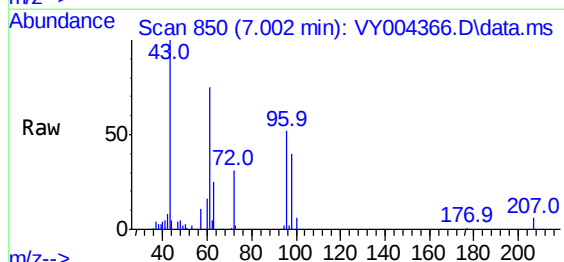
Instrument :
MSVOA_Y
ClientSampled :
SB1-A

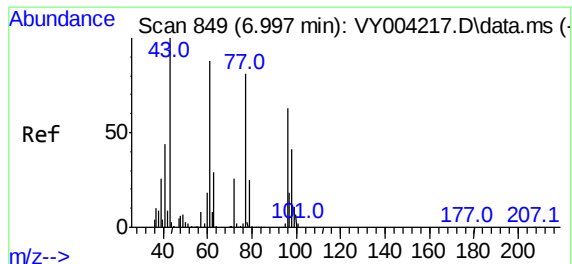
Tgt Ion: 76 Resp: 65288
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2



#25
2-Butanone
Concen: 20.65 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY004366.D
Acq: 09 Apr 2021 18:28

Tgt Ion: 43 Resp: 14794
Ion Ratio Lower Upper
43 100
72 30.7 21.0 31.6



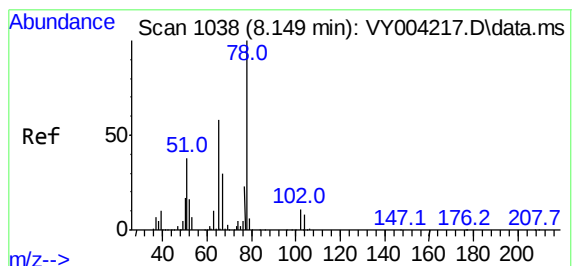
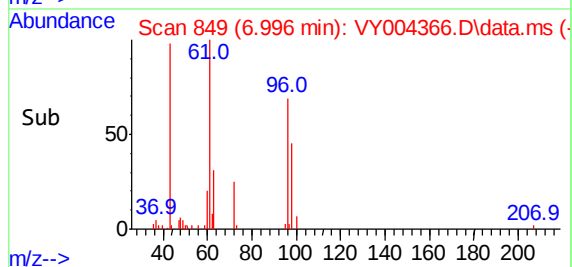
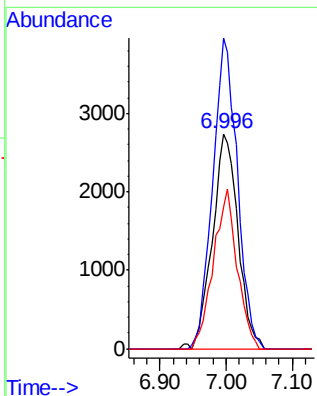
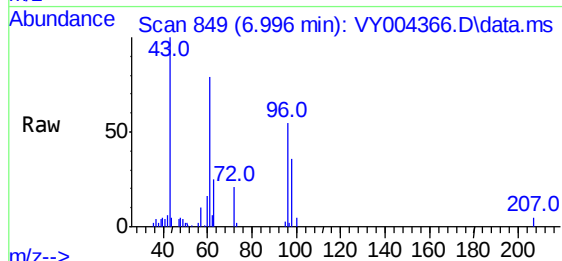


#27
 cis-1,2-Dichloroethene
 Concen: 2.98 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. -0.000 min
 Lab File: VY004366.D
 Acq: 09 Apr 2021 18:28

Instrument :
 MSVOA_Y
 ClientSampled :
 SB1-A

Tgt Ion: 96 Resp: 7332

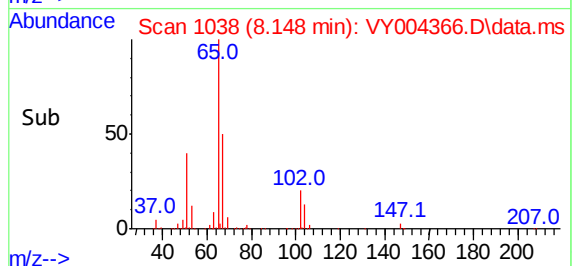
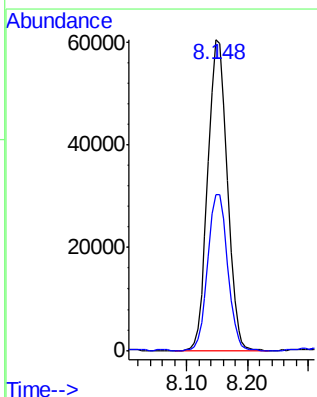
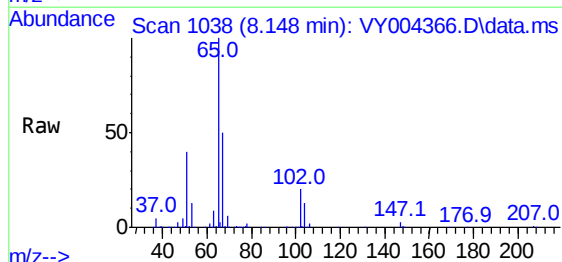
Ion	Ratio	Lower	Upper
96	100		
61	139.6	0.0	283.2
98	69.4	0.0	128.2

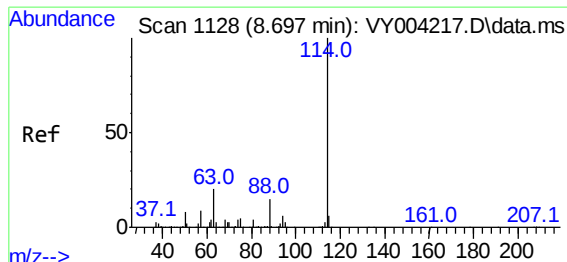


#33
 1,2-Dichloroethane-d4
 Concen: 64.52 ug/l
 RT: 8.148 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY004366.D
 Acq: 09 Apr 2021 18:28

Tgt Ion: 65 Resp: 132848

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	103.2

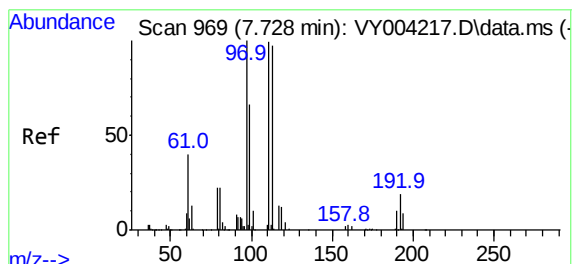
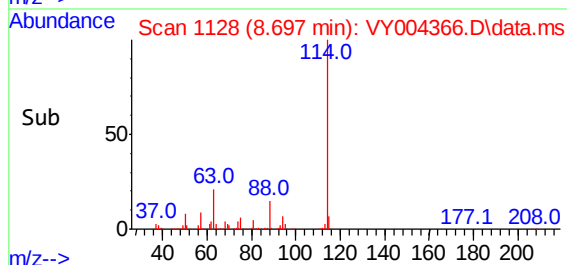
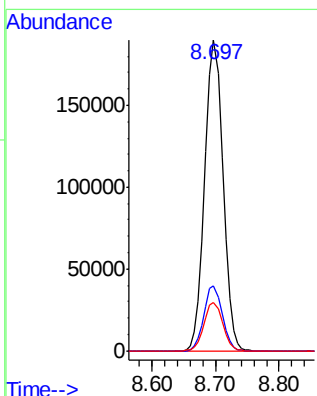
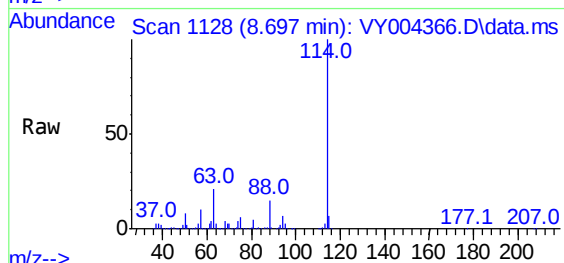




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004366.D
Acq: 09 Apr 2021 18:28

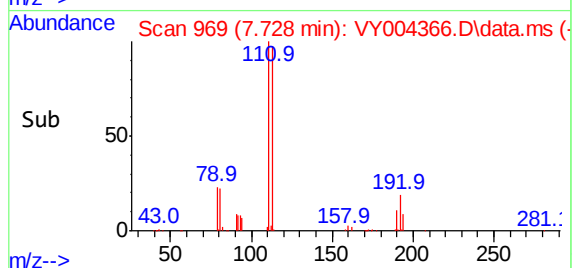
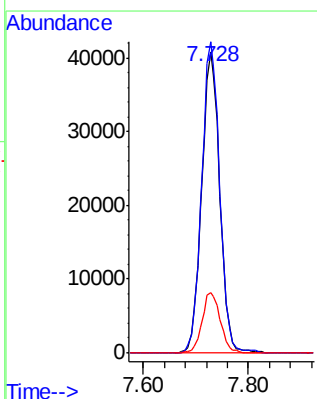
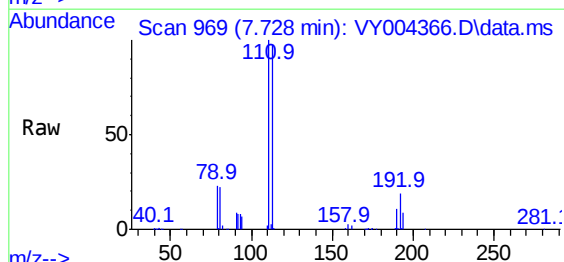
Instrument :
MSVOA_Y
ClientSampled :
SB1-A

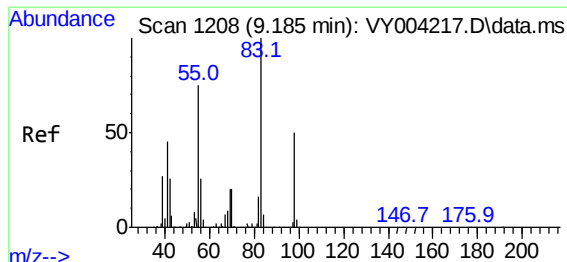
Tgt Ion:114 Resp: 365689
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.4
88 15.4 0.0 30.8



#35
Dibromofluoromethane
Concen: 47.44 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004366.D
Acq: 09 Apr 2021 18:28

Tgt Ion:113 Resp: 96654
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 19.8 16.4 24.6

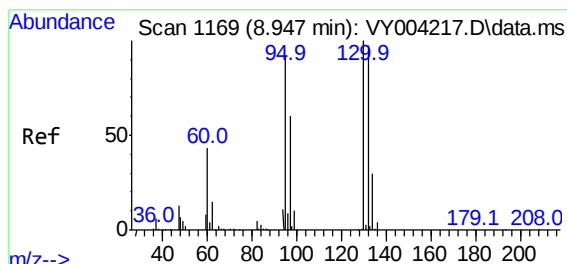
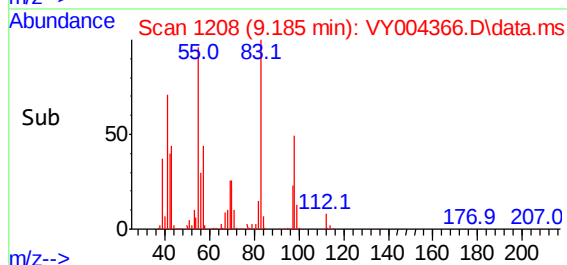
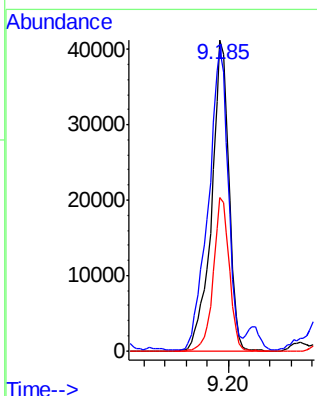
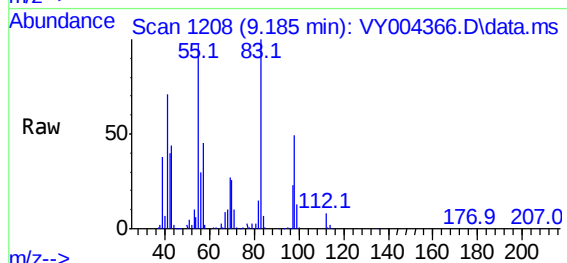




#39
Methylcyclohexane
Concen: 22.80 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY004366.D
Acq: 09 Apr 2021 18:28

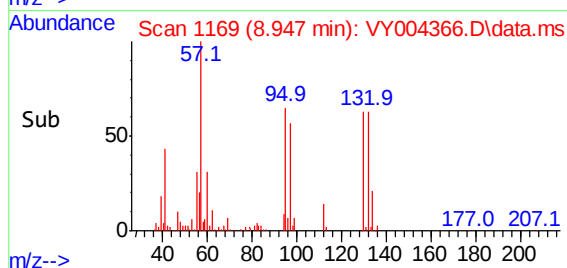
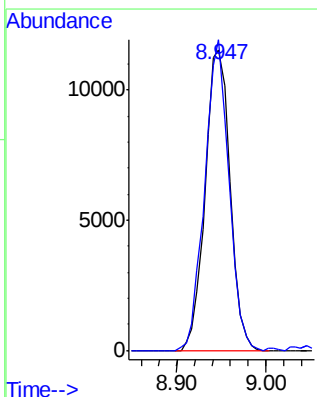
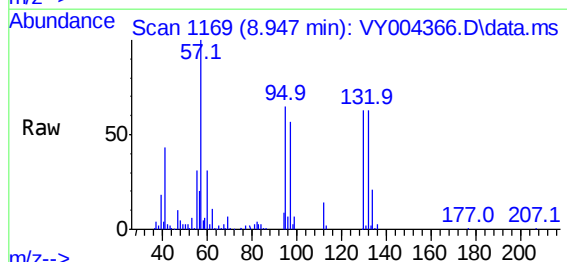
Instrument :
MSVOA_Y
ClientSampled :
SB1-A

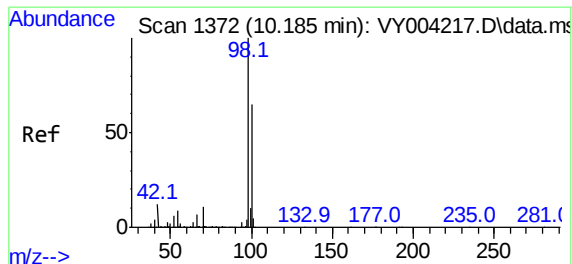
Tgt Ion: 83 Resp: 94232
Ion Ratio Lower Upper
83 100
55 96.7 60.0 90.0#
98 49.2 40.2 60.2



#44
Trichloroethene
Concen: 7.43 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY004366.D
Acq: 09 Apr 2021 18:28

Tgt Ion:130 Resp: 22401
Ion Ratio Lower Upper
130 100
95 103.4 0.0 183.0

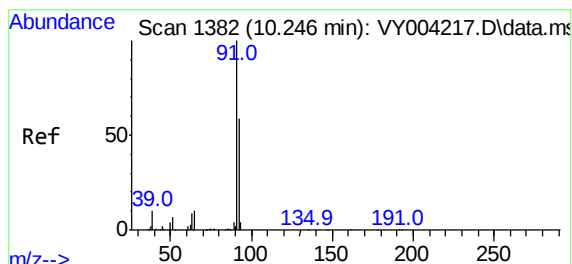
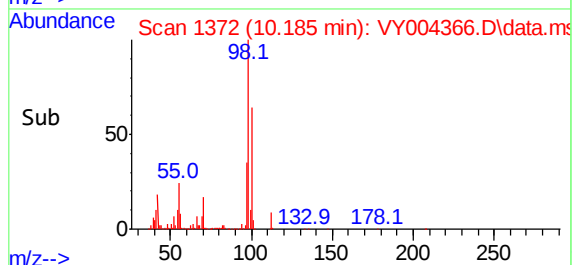
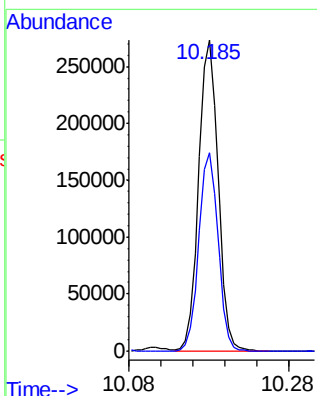
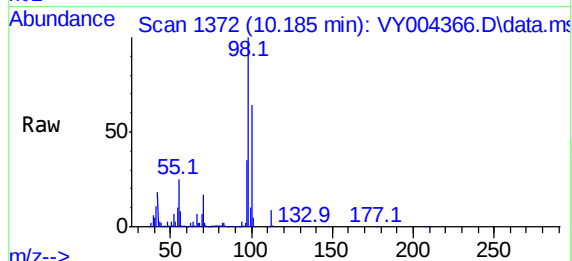




#50
Toluene-d8
Concen: 60.07 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004366.D
Acq: 09 Apr 2021 18:28

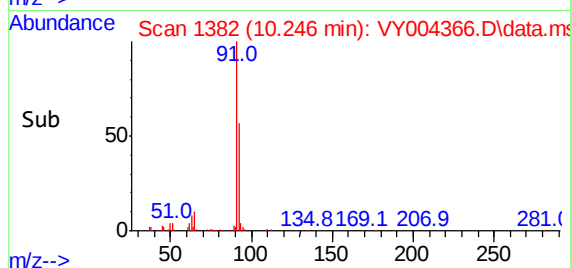
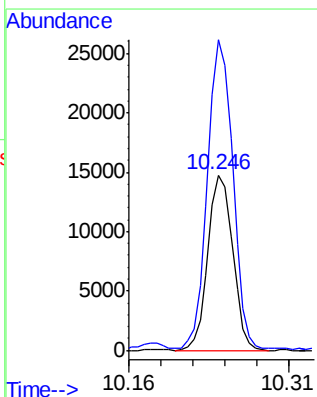
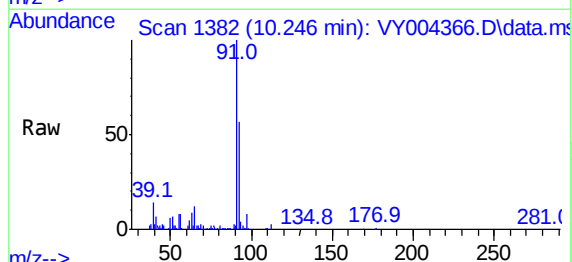
Instrument :
MSVOA_Y
ClientSampled :
SB1-A

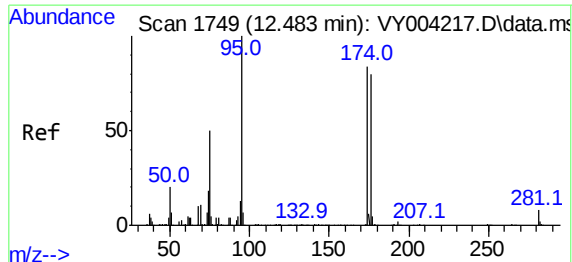
Tgt Ion: 98 Resp: 460320
Ion Ratio Lower Upper
98 100
100 62.8 52.5 78.7



#52
Toluene
Concen: 4.12 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY004366.D
Acq: 09 Apr 2021 18:28

Tgt Ion: 92 Resp: 25081
Ion Ratio Lower Upper
92 100
91 179.9 136.0 204.0

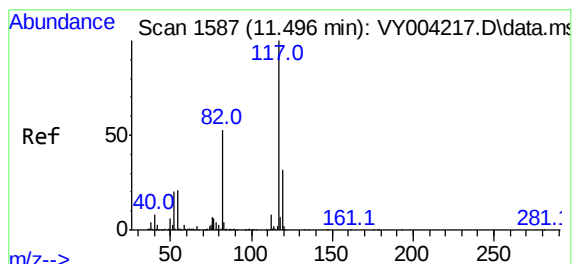
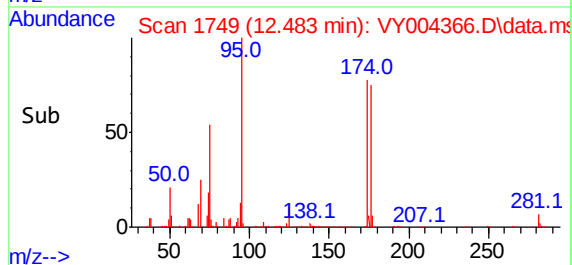
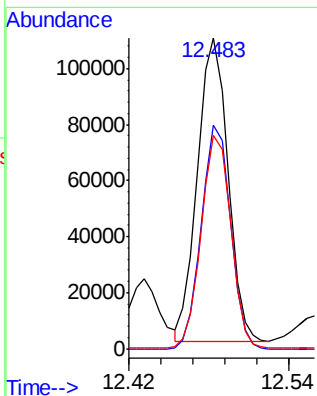
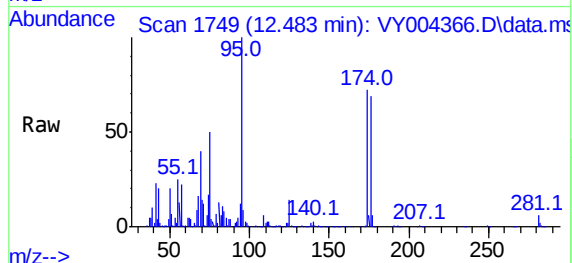




#62
4-Bromofluorobenzene
Concen: 66.94 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004366.D
Acq: 09 Apr 2021 18:28

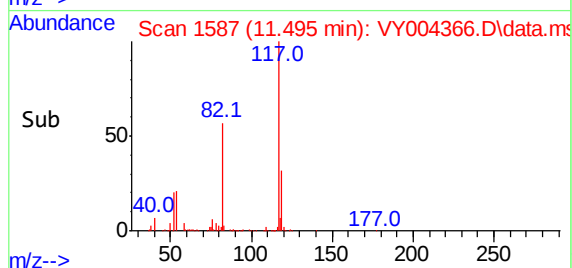
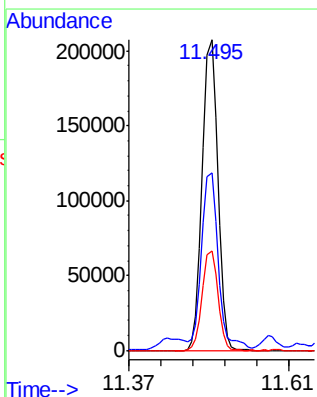
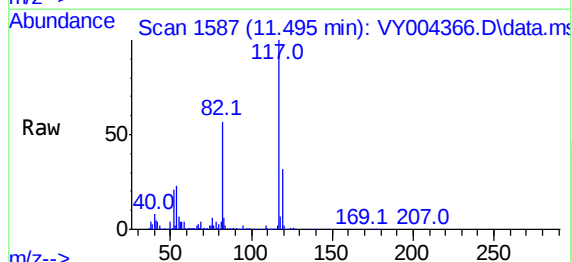
Instrument :
MSVOA_Y
ClientSampled :
SB1-A

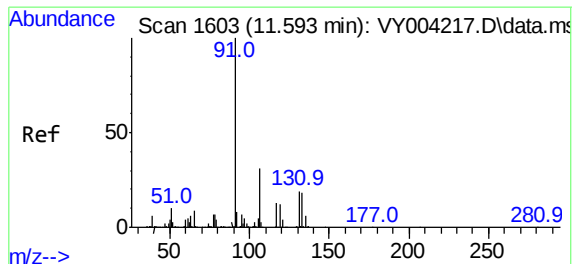
Tgt Ion: 95 Resp: 175811
Ion Ratio Lower Upper
95 100
174 70.8 0.0 171.4
176 68.6 0.0 165.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004366.D
Acq: 09 Apr 2021 18:28

Tgt Ion: 117 Resp: 337845
Ion Ratio Lower Upper
117 100
82 53.7 42.7 64.1
119 31.8 25.7 38.5

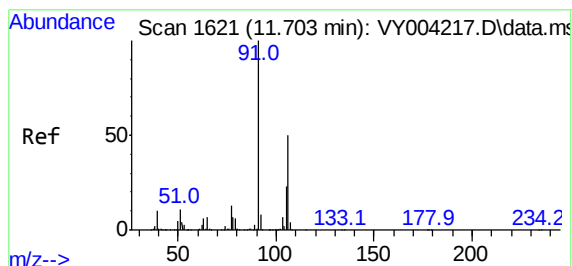
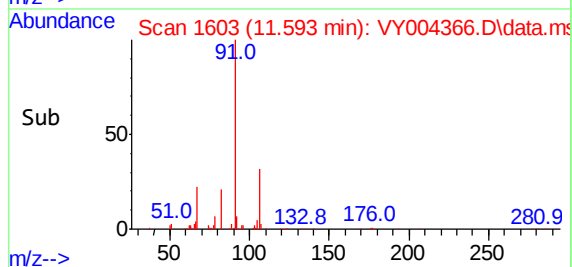
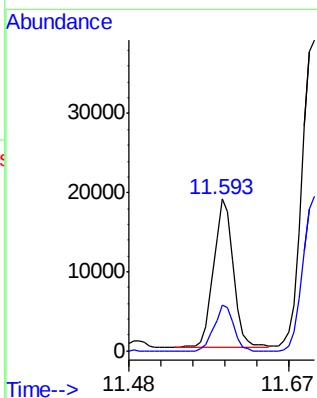
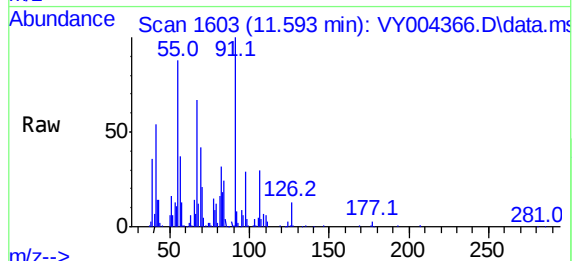




#67
Ethyl Benzene
Concen: 2.42 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY004366.D
Acq: 09 Apr 2021 18:28

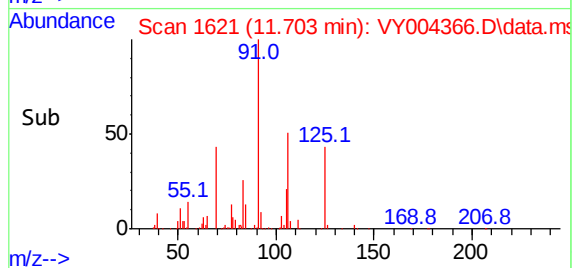
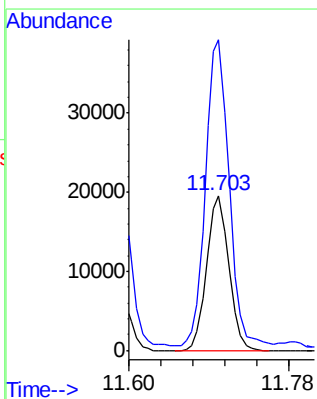
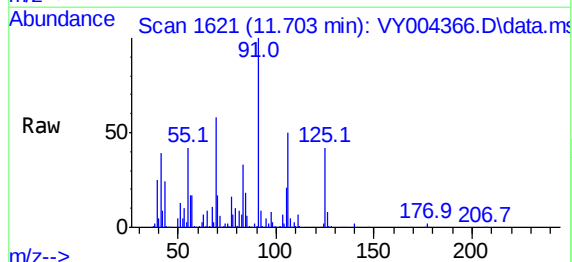
Instrument :
MSVOA_Y
ClientSampleId :
SB1-A

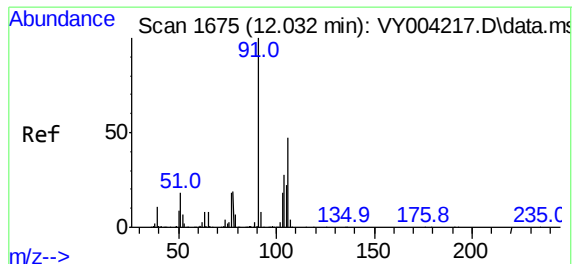
Tgt Ion: 91 Resp: 29582
Ion Ratio Lower Upper
91 100
106 30.8 25.0 37.6



#68
m/p-Xylenes
Concen: 7.18 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY004366.D
Acq: 09 Apr 2021 18:28

Tgt Ion: 106 Resp: 33711
Ion Ratio Lower Upper
106 100
91 209.1 159.8 239.6

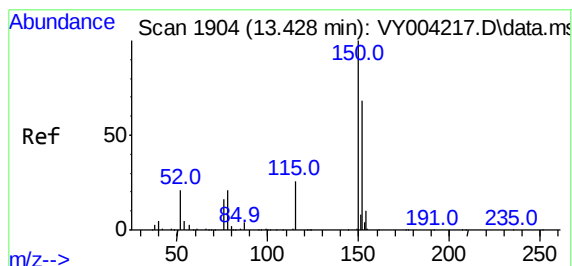
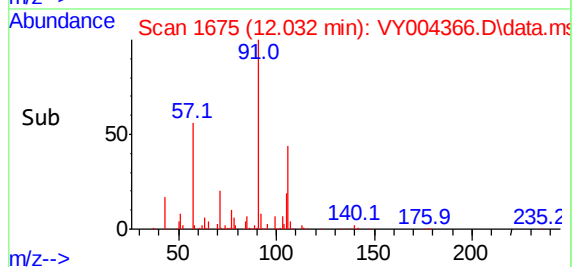
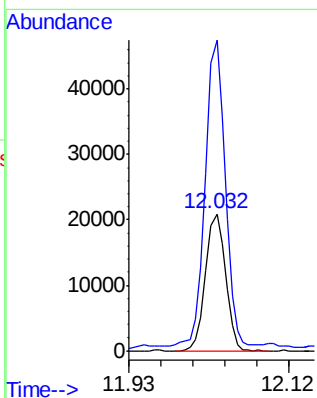
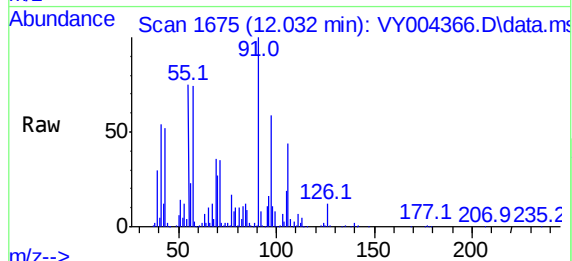




#69
o-Xylene
Concen: 7.53 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY004366.D
Acq: 09 Apr 2021 18:28

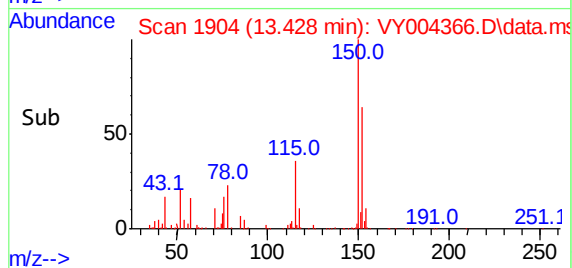
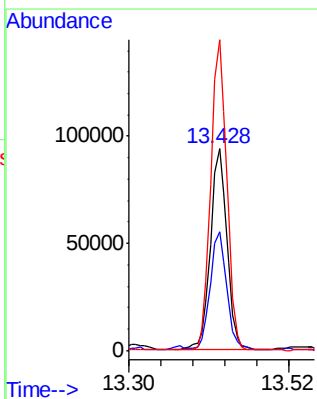
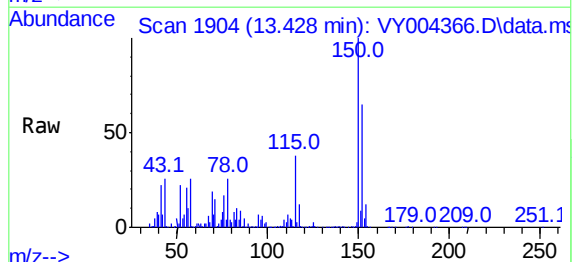
Instrument :
MSVOA_Y
ClientSampleId :
SB1-A

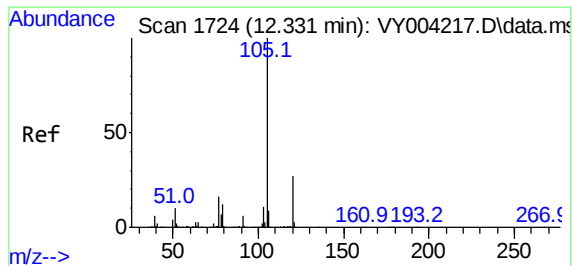
Tgt Ion:106 Resp: 33117
Ion Ratio Lower Upper
106 100
91 221.7 105.6 316.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004366.D
Acq: 09 Apr 2021 18:28

Tgt Ion:152 Resp: 147783
Ion Ratio Lower Upper
152 100
115 58.7 29.0 87.1
150 148.4 0.0 347.4

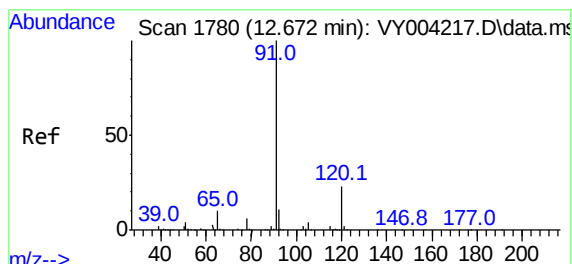
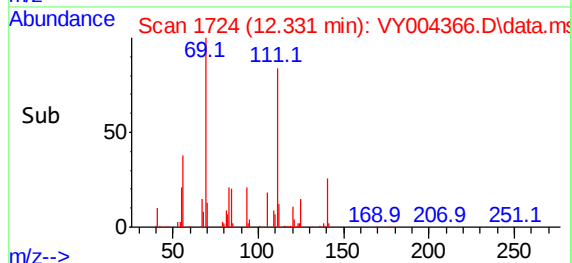
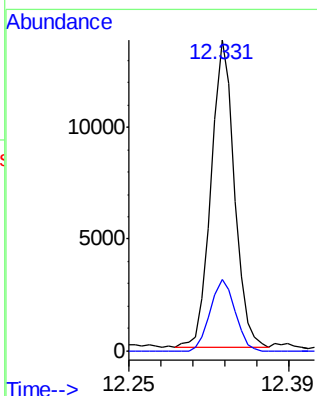
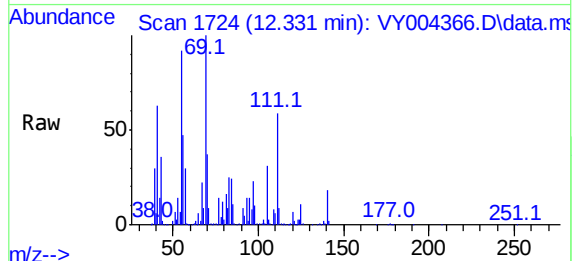




#73
Isopropylbenzene
Concen: 1.88 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY004366.D
Acq: 09 Apr 2021 18:28

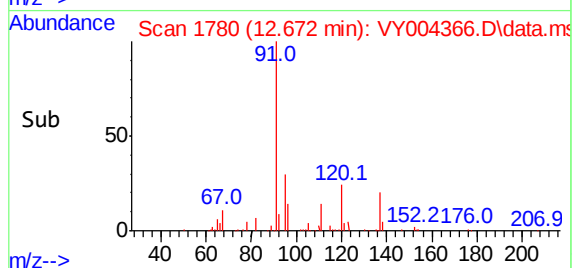
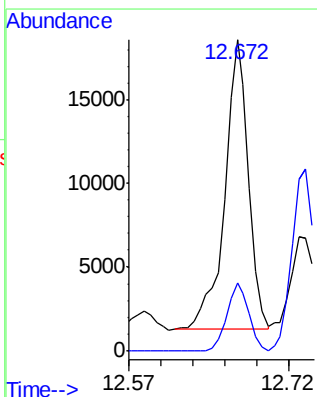
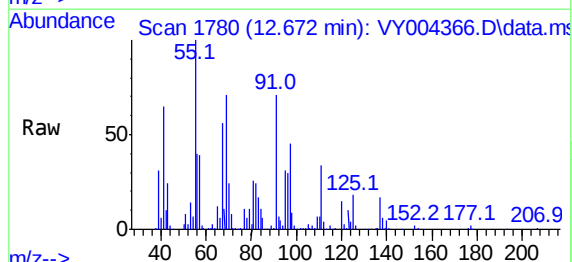
Instrument :
MSVOA_Y
ClientSampled :
SB1-A

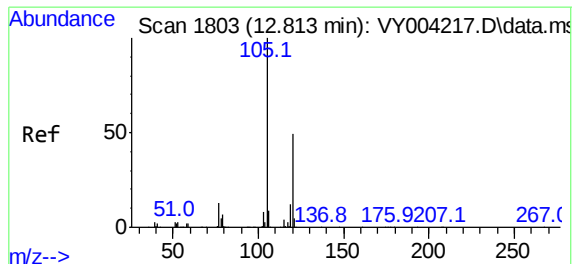
Tgt Ion: 105 Resp: 20282
Ion Ratio Lower Upper
105 100
120 24.7 13.7 41.0



#78
n-propylbenzene
Concen: 2.25 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY004366.D
Acq: 09 Apr 2021 18:28

Tgt Ion: 91 Resp: 28081
Ion Ratio Lower Upper
91 100
120 21.1 11.9 35.5

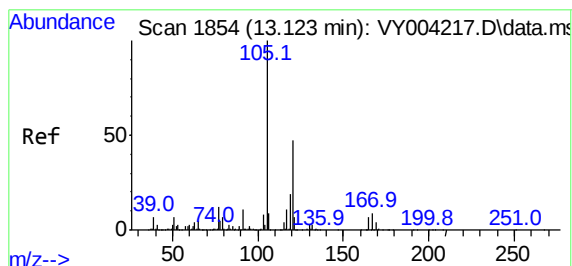
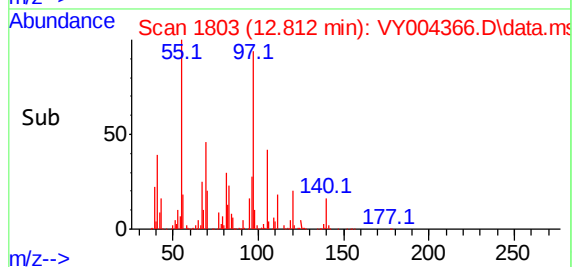
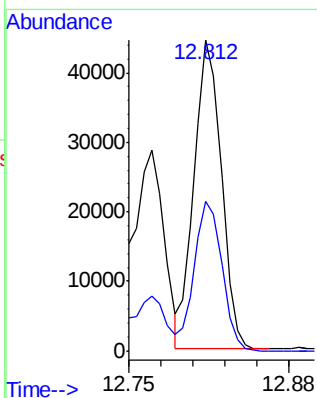
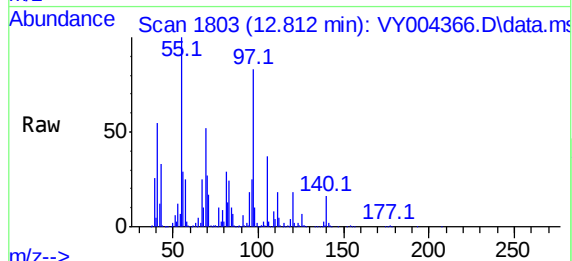




#80
1,3,5-Trimethylbenzene
Concen: 7.39 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY004366.D
Acq: 09 Apr 2021 18:28

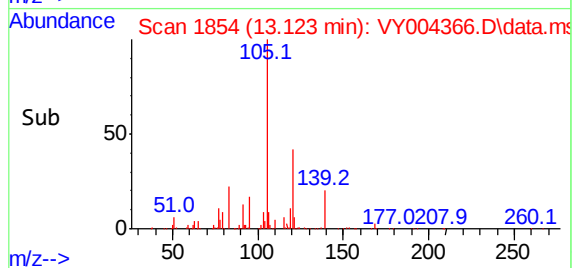
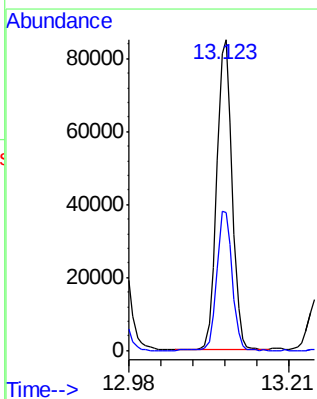
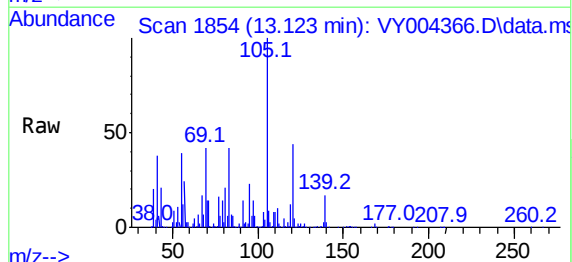
Instrument :
MSVOA_Y
ClientSampled :
SB1-A

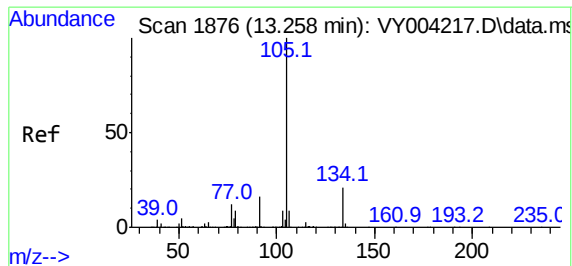
Tgt Ion:105 Resp: 65130
Ion Ratio Lower Upper
105 100
120 49.0 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 14.81 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004366.D
Acq: 09 Apr 2021 18:28

Tgt Ion:105 Resp: 130798
Ion Ratio Lower Upper
105 100
120 45.4 22.9 68.7

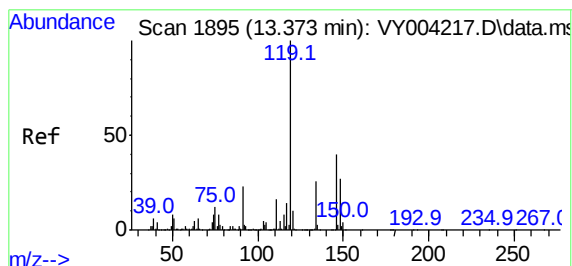
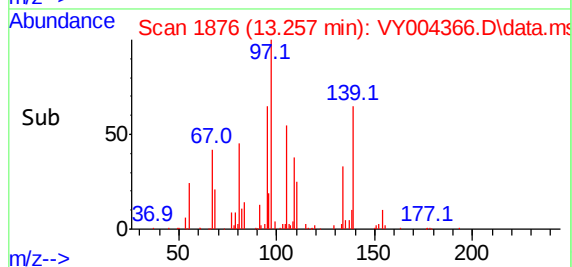
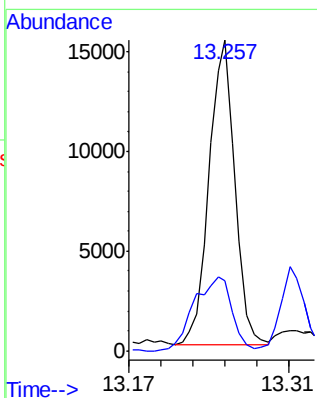
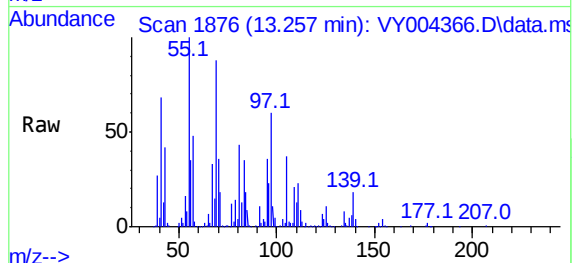




#85
 sec-Butylbenzene
 Concen: 2.24 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VY004366.D
 Acq: 09 Apr 2021 18:28

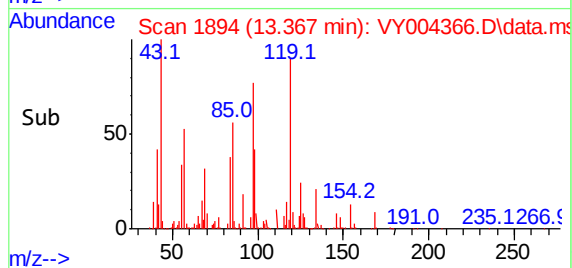
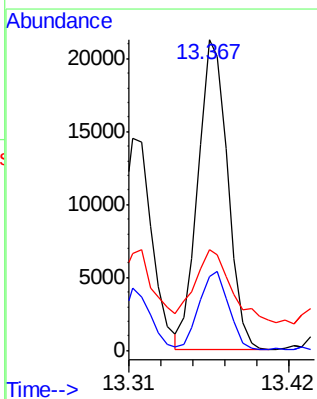
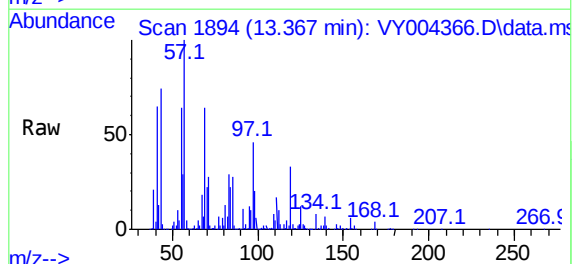
Instrument :
 MSVOA_Y
 ClientSampled :
 SB1-A

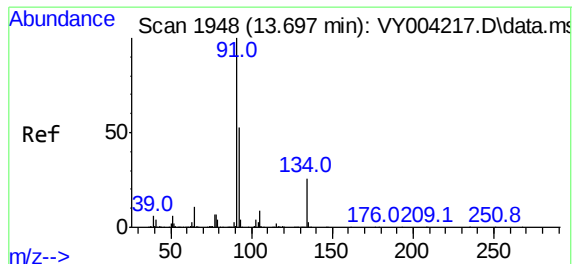
Tgt Ion:105 Resp: 23503
 Ion Ratio Lower Upper
 105 100
 134 35.5 10.4 31.4#



#86
 p-Isopropyltoluene
 Concen: 3.24 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY004366.D
 Acq: 09 Apr 2021 18:28

Tgt Ion:119 Resp: 31539
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.3 39.9
 91 28.0 12.0 36.0





#89
 n-Butylbenzene
 Concen: 2.06 ug/l
 RT: 13.696 min Scan# 1948
 Delta R.T. -0.000 min
 Lab File: VY004366.D
 Acq: 09 Apr 2021 18:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB1-A

Tgt Ion:	91	Resp:	18459
Ion	Ratio	Lower	Upper
91	100		
92	60.3	26.5	79.4
134	0.0	13.6	40.7#

