

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070221\
 Data File : VY005355.D
 Acq On : 02 Jul 2021 20:34
 Operator : SY/MD
 Sample : M2933-04
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 4

Quant Time: Jul 05 01:09:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

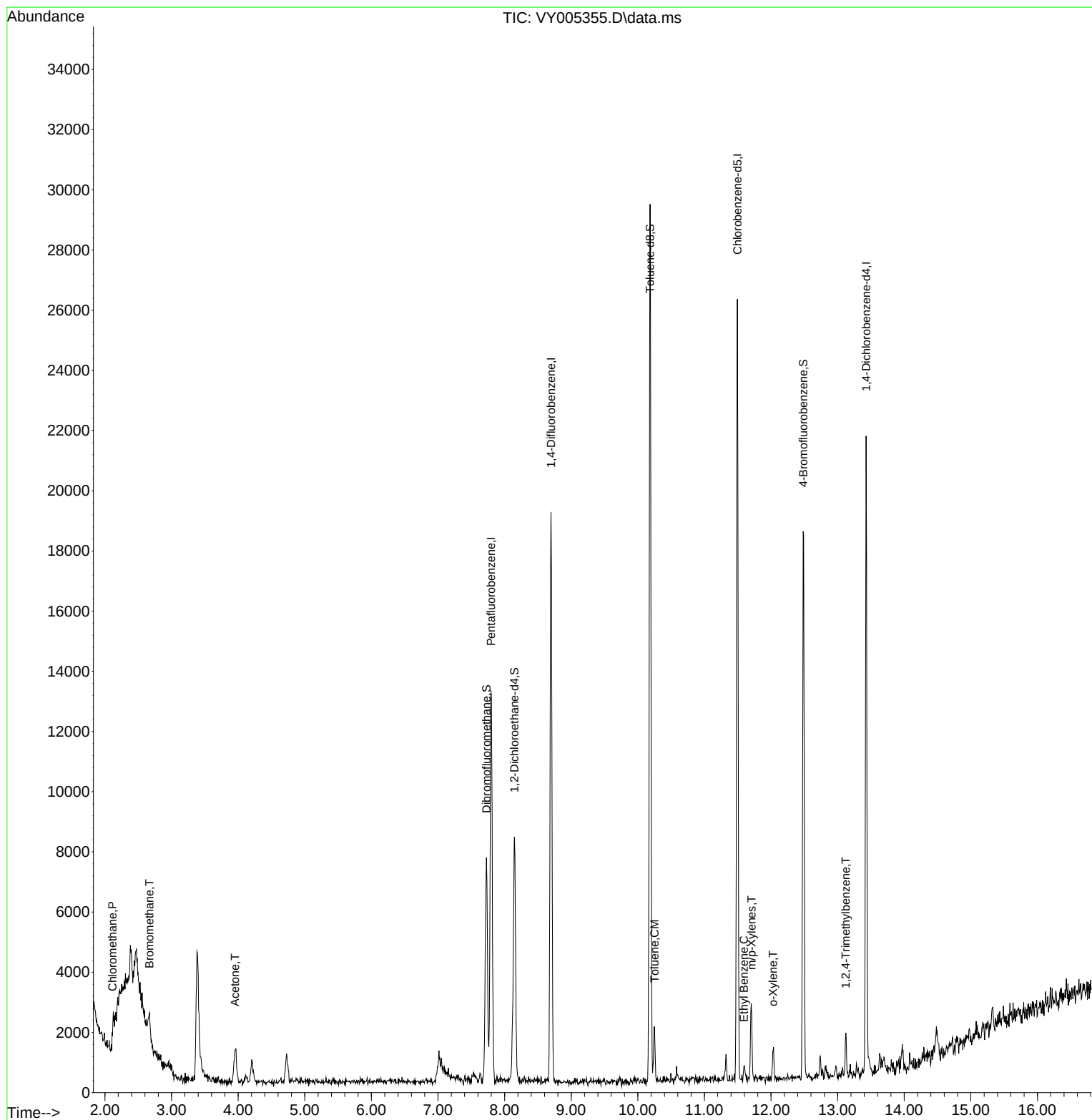
Internal Standards						
1) Pentafluorobenzene	7.795	168	11458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	16489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	14995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	5833	61.345	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.700%	
35) Dibromofluoromethane	7.728	113	5438	55.921	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.840%	
50) Toluene-d8	10.185	98	20067	51.601	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.200%	
62) 4-Bromofluorobenzene	12.483	95	5001	38.591	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 77.180%	
Target Compounds						Qvalue
3) Chloromethane	2.113	50	347	3.458	ug/l	91
5) Bromomethane	2.668	94	550	7.558	ug/l	95
16) Acetone	3.954	43	2104	95.785	ug/l	99
52) Toluene	10.252	92	855	3.124	ug/l	92
67) Ethyl Benzene	11.593	91	628	1.225	ug/l	97
68) m/p-Xylenes	11.709	106	851	4.145	ug/l	99
69) o-Xylene	12.032	106	397	2.042	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	925	3.117	ug/l	100

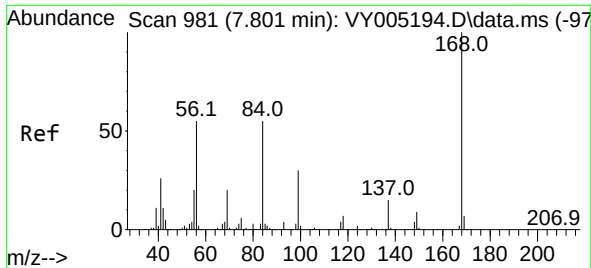
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

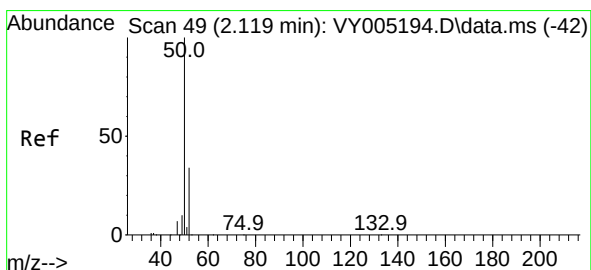
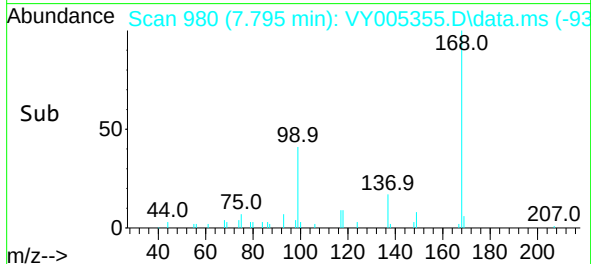
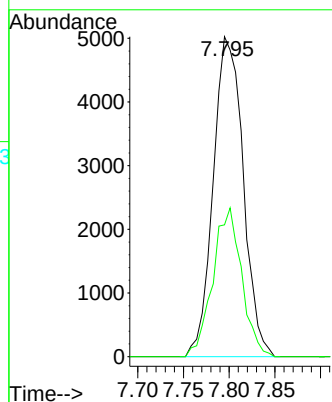
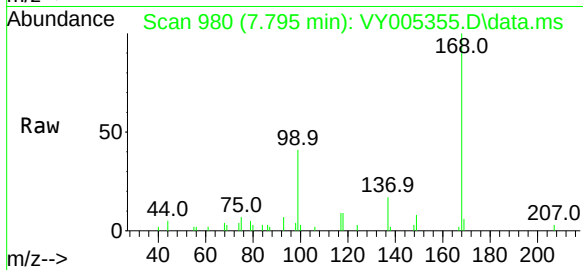




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005355.D
Acq: 02 Jul 2021 20:34

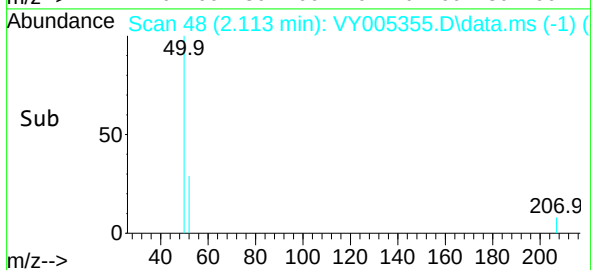
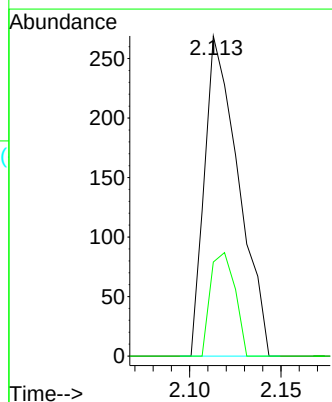
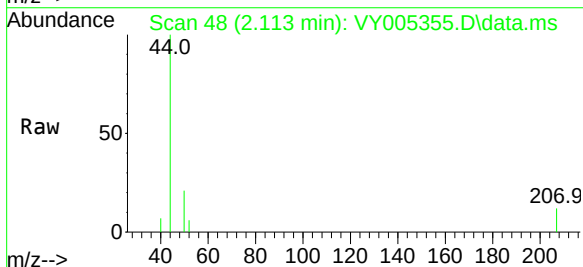
Instrument :
MSVOA_Y
ClientSampleId :
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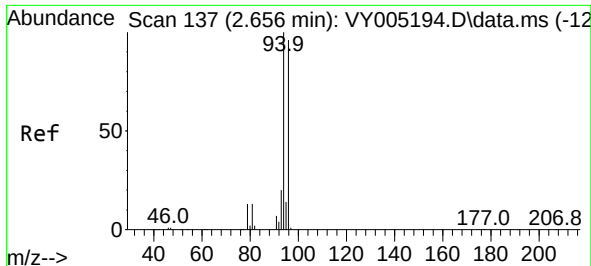
Tgt Ion:168 Resp: 11458
Ion Ratio Lower Upper
168 100
99 41.2 36.2 54.4



#3
Chloromethane
Concen: 3.458 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY005355.D
Acq: 02 Jul 2021 20:34

Tgt Ion: 50 Resp: 347
Ion Ratio Lower Upper
50 100
52 29.4 27.4 41.2

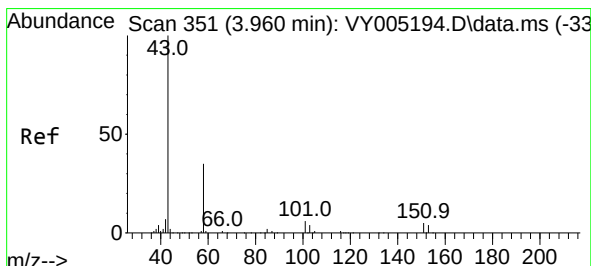
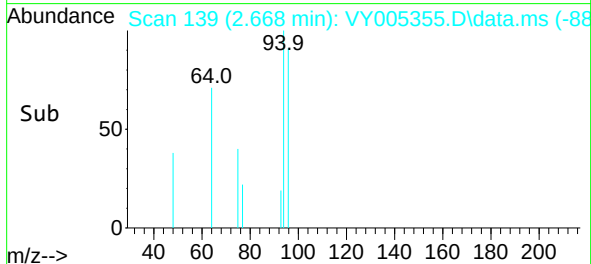
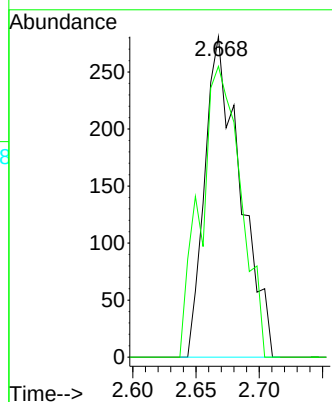
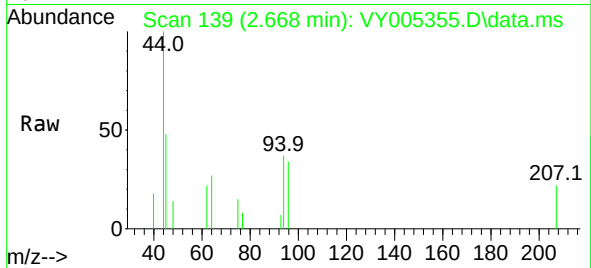




#5
Bromomethane
Concen: 7.558 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.012 min
Lab File: VY005355.D
Acq: 02 Jul 2021 20:34

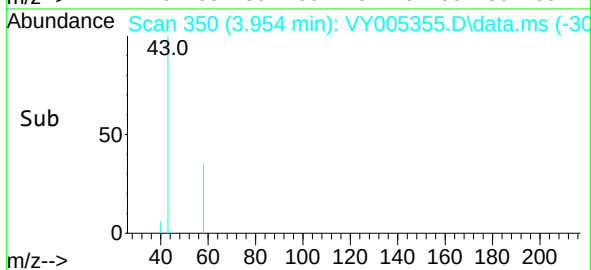
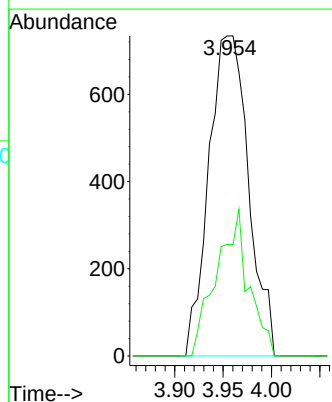
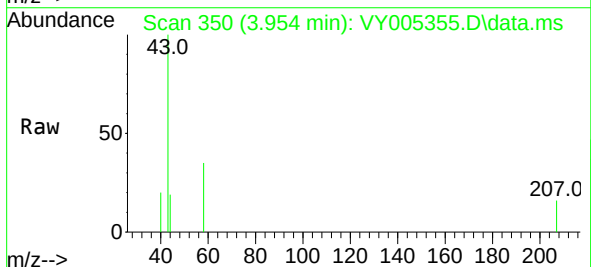
Instrument :
MSVOA_Y
ClientSampled :
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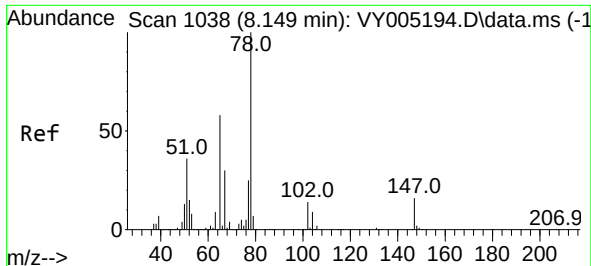
Tgt Ion: 94 Resp: 550
Ion Ratio Lower Upper
94 100
96 90.7 76.9 115.3



#16
Acetone
Concen: 95.785 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005355.D
Acq: 02 Jul 2021 20:34

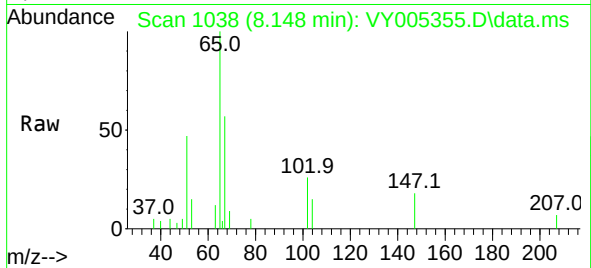
Tgt Ion: 43 Resp: 2104
Ion Ratio Lower Upper
43 100
58 34.9 28.2 42.2



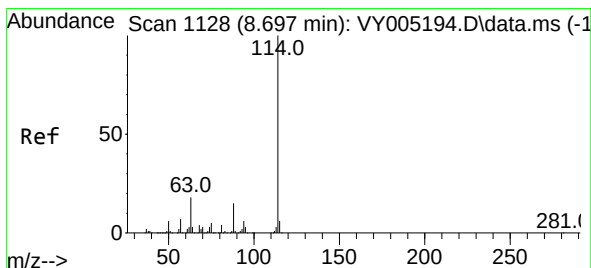
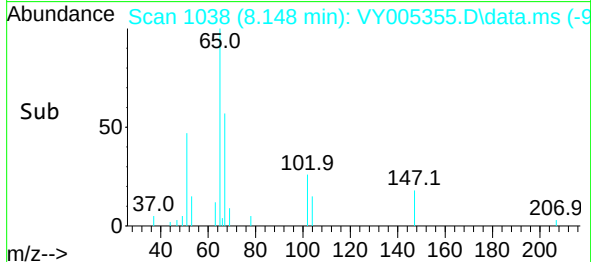
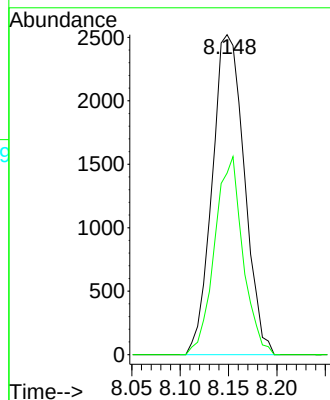


#33
 1,2-Dichloroethane-d4
 Concen: 61.345 ug/l
 RT: 8.148 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005355.D
 Acq: 02 Jul 2021 20:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 4

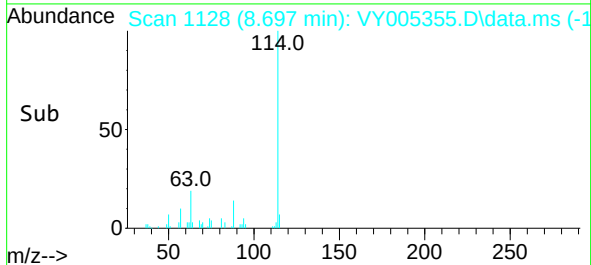
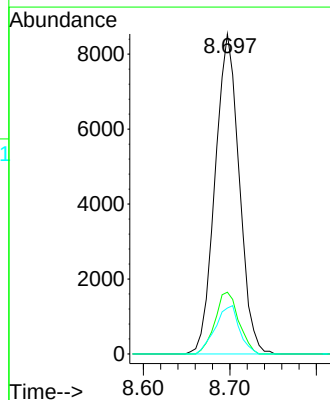
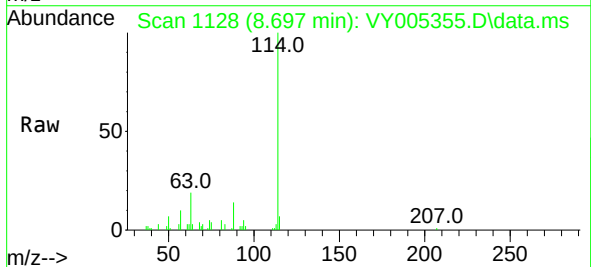


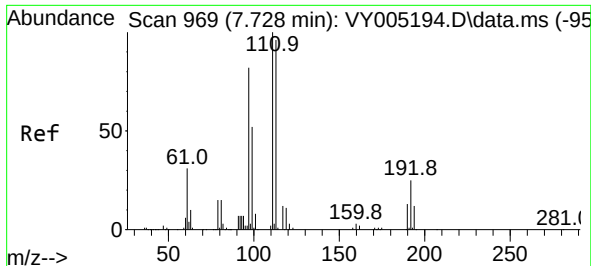
Tgt Ion: 65 Resp: 5833
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005355.D
 Acq: 02 Jul 2021 20:34

Tgt Ion: 114 Resp: 16489
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 35.2
 88 14.4 0.0 29.4

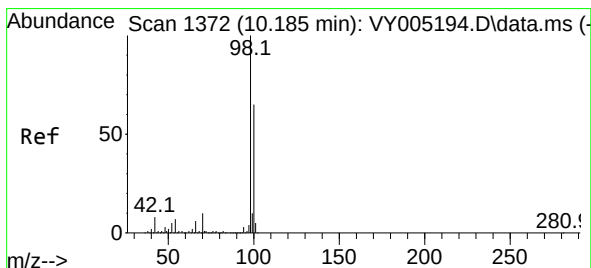
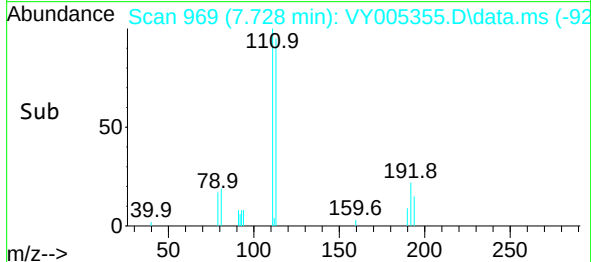
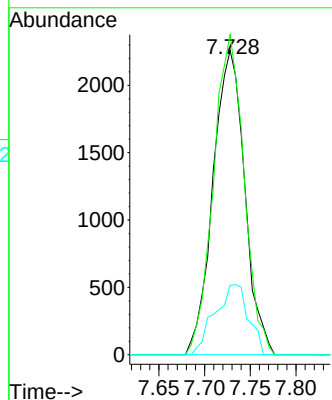
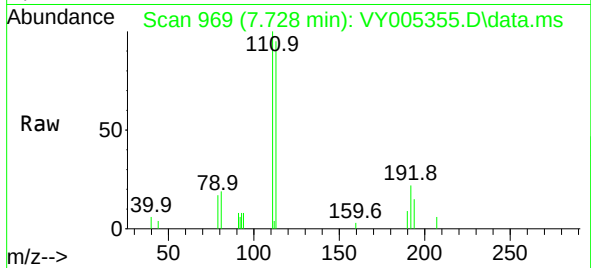




#35
Dibromofluoromethane
Concen: 55.921 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005355.D
Acq: 02 Jul 2021 20:34

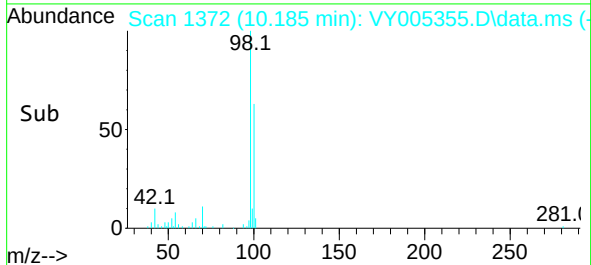
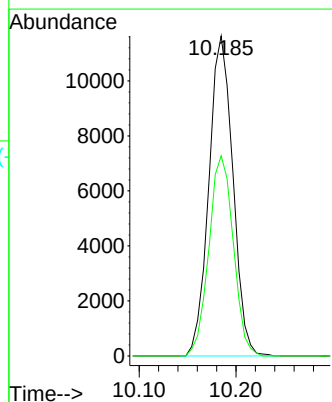
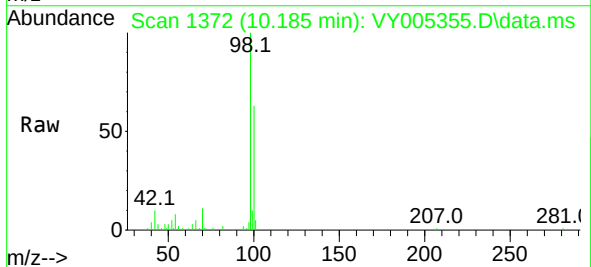
Instrument :
MSVOA_Y
ClientSampleId :
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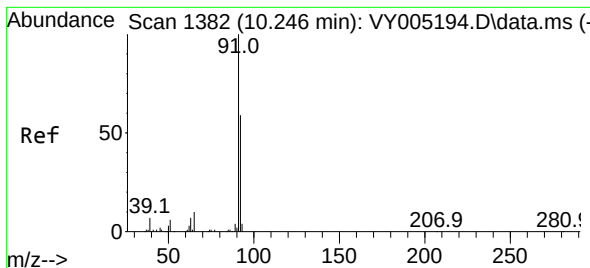
Tgt Ion:113 Resp: 5438
Ion Ratio Lower Upper
113 100
111 101.7 82.6 124.0
192 24.4 20.2 30.2



#50
Toluene-d8
Concen: 51.601 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005355.D
Acq: 02 Jul 2021 20:34

Tgt Ion: 98 Resp: 20067
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9





#52

Toluene

Concen: 3.124 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.006 min

Lab File: VY005355.D

Acq: 02 Jul 2021 20:34

Instrument :

MSVOA_Y

ClientSampled :

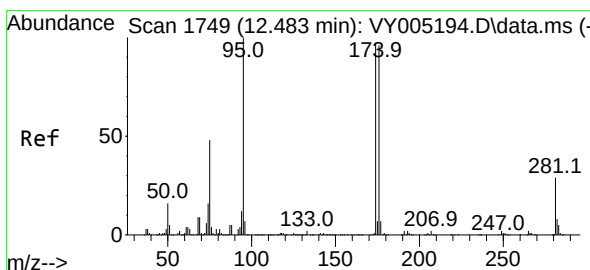
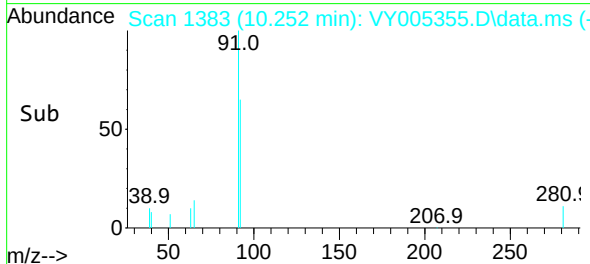
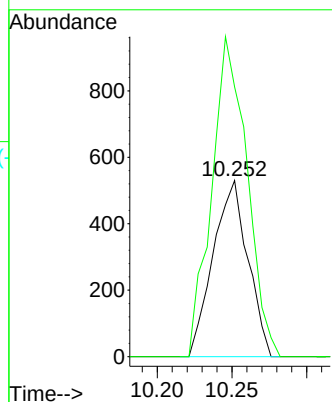
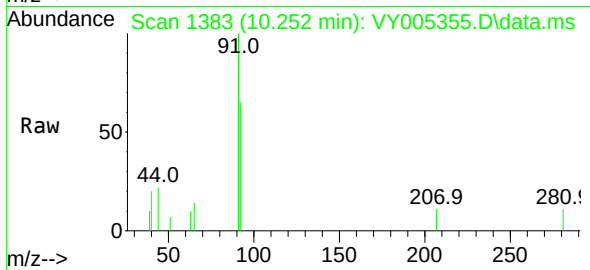
4

Tgt Ion: 92 Resp: 855

Ion Ratio Lower Upper

92 100

91 184.3 138.3 207.5



#62

4-Bromofluorobenzene

Concen: 38.591 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY005355.D

Acq: 02 Jul 2021 20:34

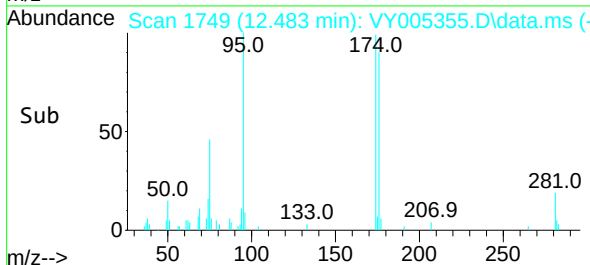
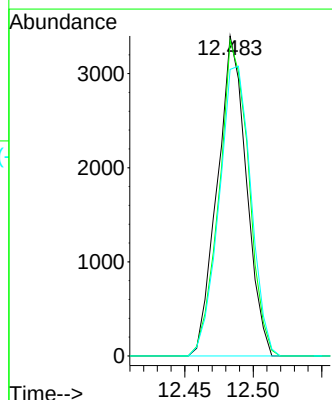
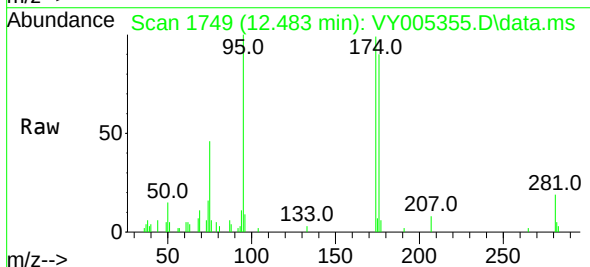
Tgt Ion: 95 Resp: 5001

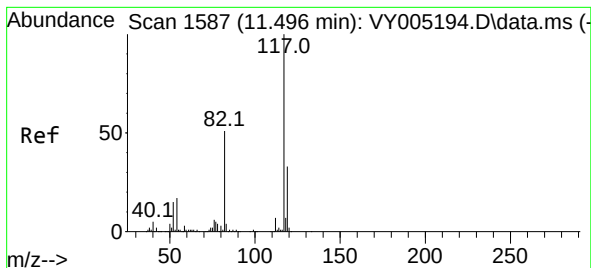
Ion Ratio Lower Upper

95 100

174 100.2 0.0 201.6

176 99.4 0.0 197.4

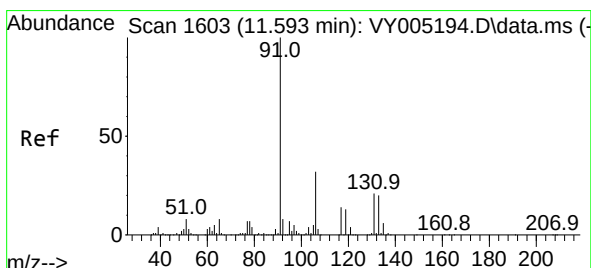
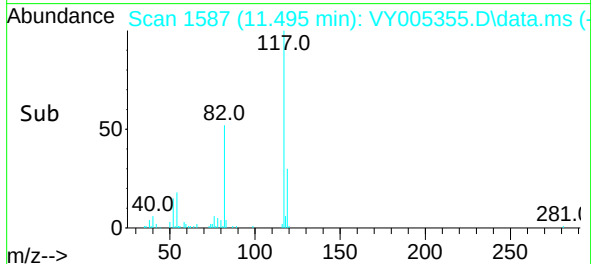
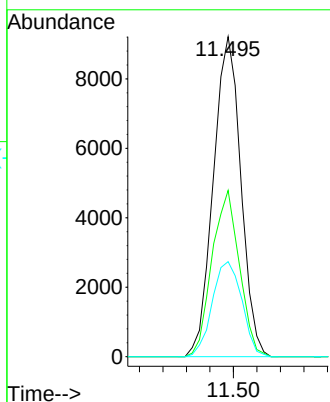
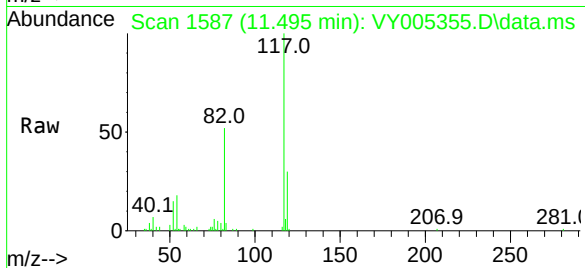




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005355.D
Acq: 02 Jul 2021 20:34

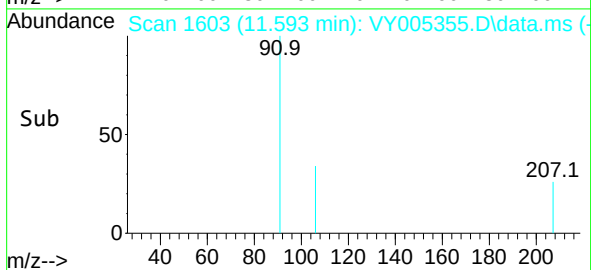
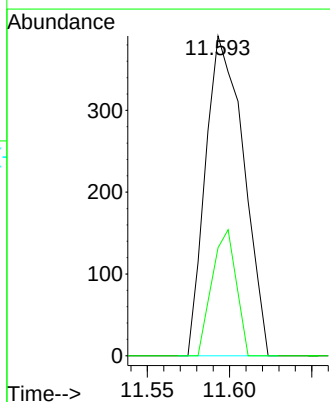
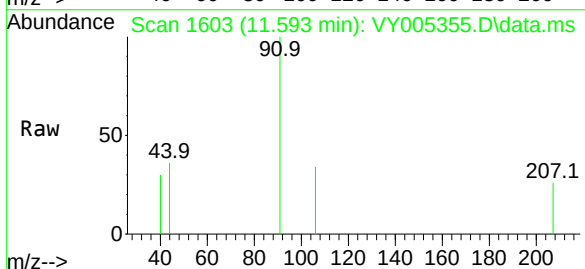
Instrument :
MSVOA_Y
ClientSampleId :
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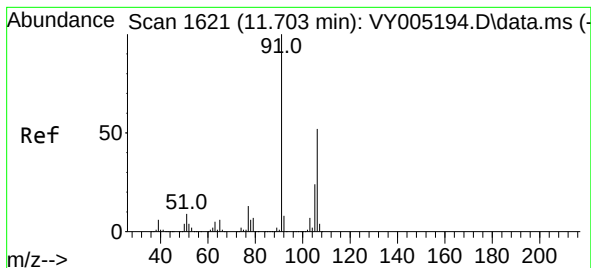
Tgt Ion:	117	Resp:	14995
Ion	Ratio	Lower	Upper
117	100		
82	51.9	40.6	60.8
119	29.7	26.1	39.1



#67
Ethyl Benzene
Concen: 1.225 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY005355.D
Acq: 02 Jul 2021 20:34

Tgt Ion:	91	Resp:	628
Ion	Ratio	Lower	Upper
91	100		
106	33.8	25.8	38.6

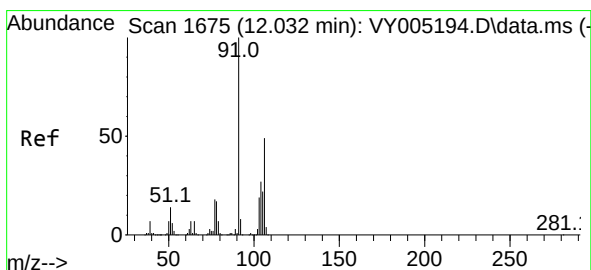
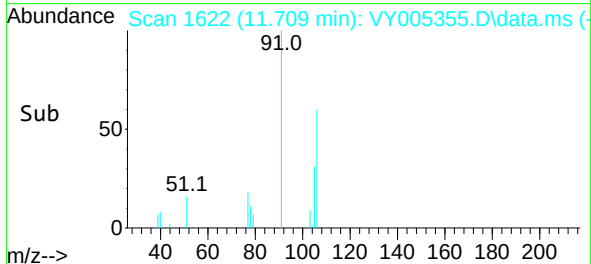
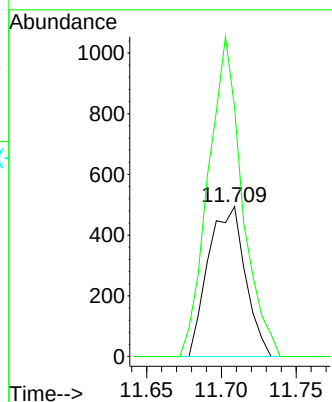
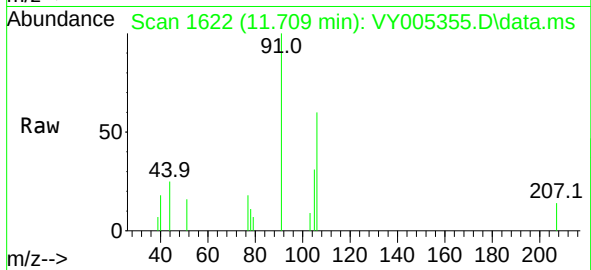




#68
m/p-Xylenes
Concen: 4.145 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY005355.D
Acq: 02 Jul 2021 20:34

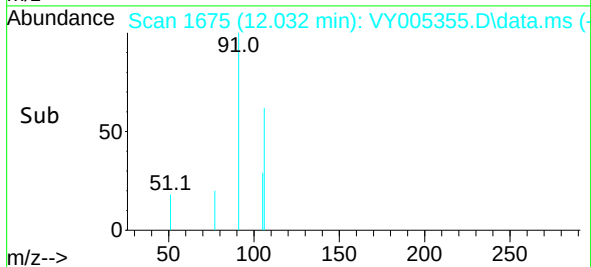
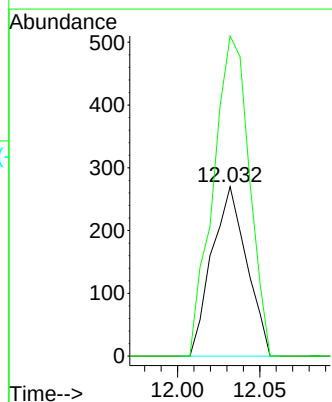
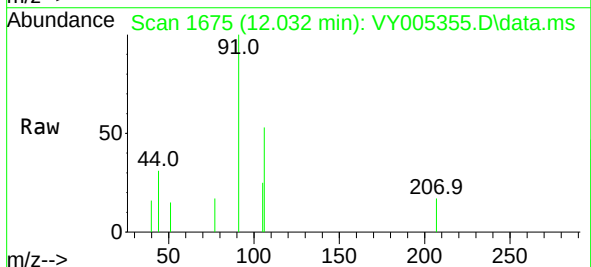
Instrument :
MSVOA_Y
ClientSampled :
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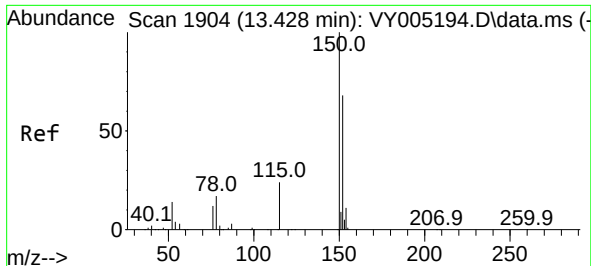
Tgt Ion:106 Resp: 851
Ion Ratio Lower Upper
106 100
91 195.5 154.8 232.2



#69
o-Xylene
Concen: 2.042 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY005355.D
Acq: 02 Jul 2021 20:34

Tgt Ion:106 Resp: 397
Ion Ratio Lower Upper
106 100
91 195.5 101.6 304.8

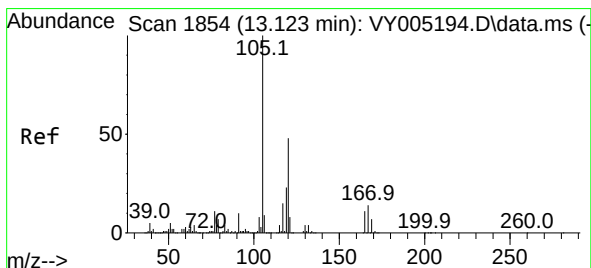
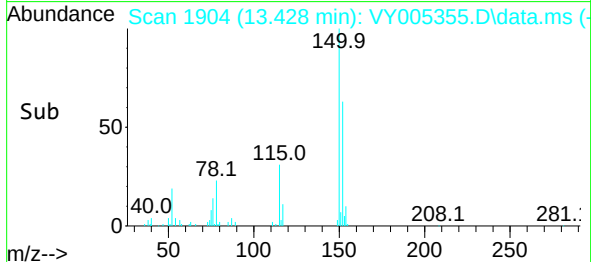
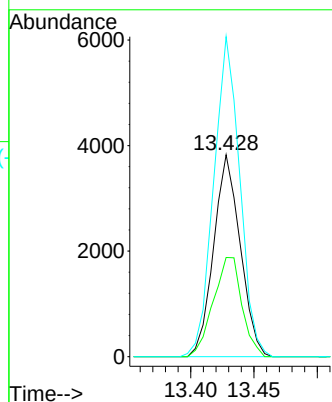
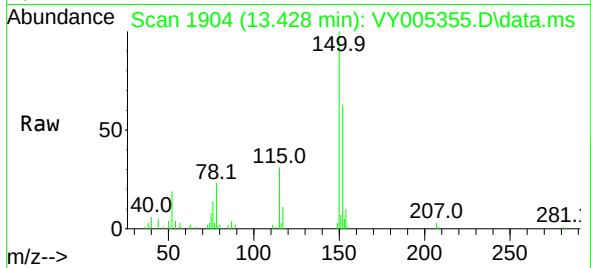




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005355.D
 Acq: 02 Jul 2021 20:34

Instrument :
 MSVOA_Y
 ClientSampled :
 4

Tgt Ion:152 Resp: 5594
 Ion Ratio Lower Upper
 152 100
 115 52.8 26.3 78.8
 150 155.0 0.0 344.2



#84
 1,2,4-Trimethylbenzene
 Concen: 3.117 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: VY005355.D
 Acq: 02 Jul 2021 20:34

Tgt Ion:105 Resp: 925
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.6 71.0

