

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072321\
 Data File : VY005427.D
 Acq On : 23 Jul 2021 19:45
 Operator : SY/MD
 Sample : M3137-07
 Misc : 9.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210728-27

Quant Time: Jul 24 03:02:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

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

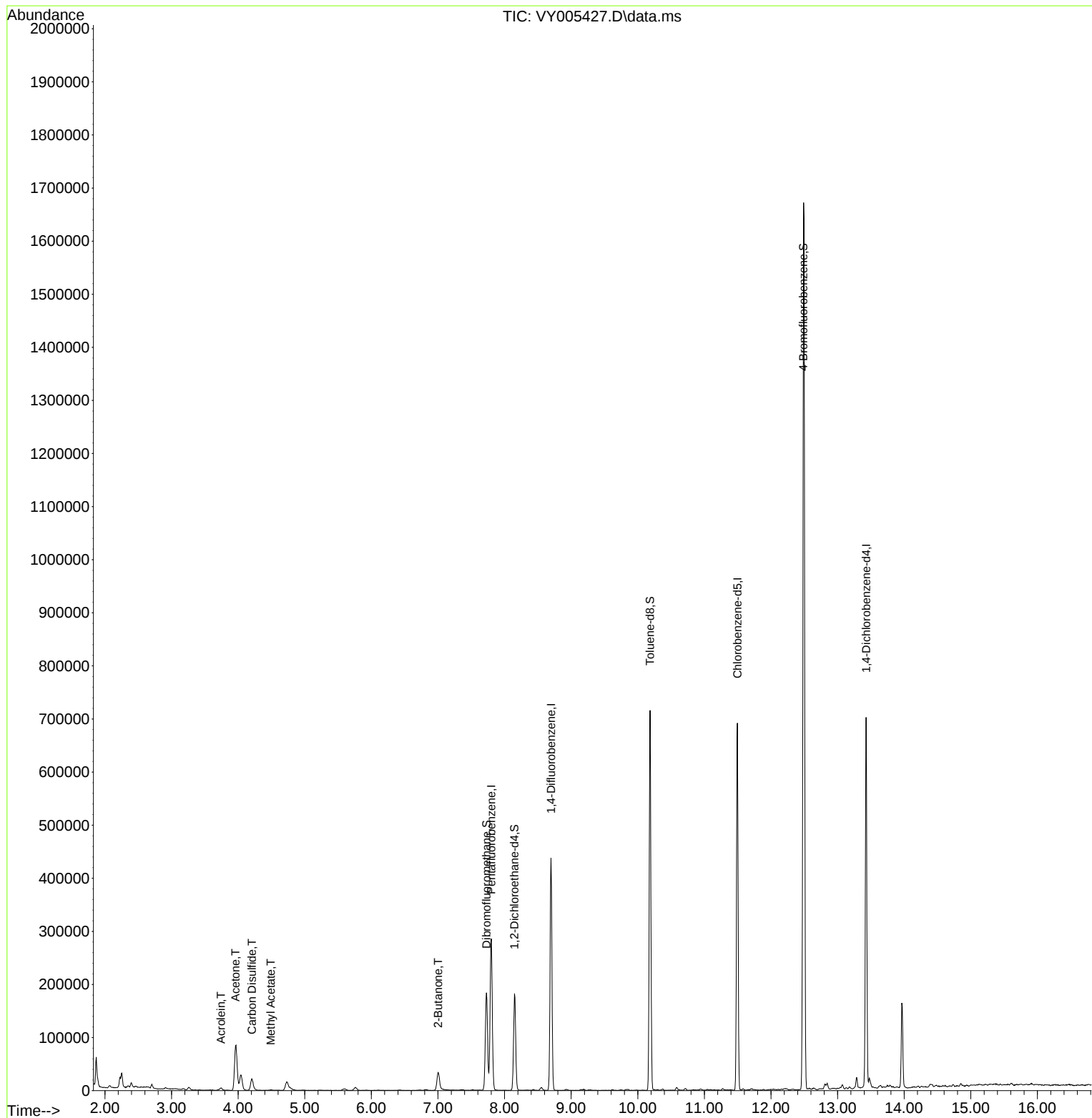
Internal Standards						
1) Pentafluorobenzene	7.801	168	233606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	361384	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	367536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	177601	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	148172	59.37	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.74%			
35) Dibromofluoromethane	7.728	113	127373	61.04	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 122.08%			
50) Toluene-d8	10.185	98	463811	52.44	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.88%			
62) 4-Bromofluorobenzene	12.483	95	167991	57.55	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 115.10%			
Target Compounds						
13) Acrolein	3.741	56	5357	24.81	ug/l #	81
16) Acetone	3.960	43	153742	269.75	ug/l	98
17) Carbon Disulfide	4.204	76	42679	5.78	ug/l	100
18) Methyl Acetate	4.491	43	2291	1.43	ug/l	92
25) 2-Butanone	7.003	43	52791	61.85	ug/l	96

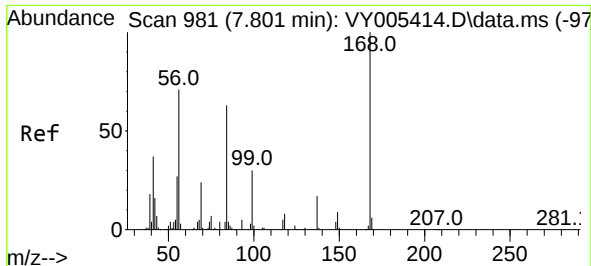
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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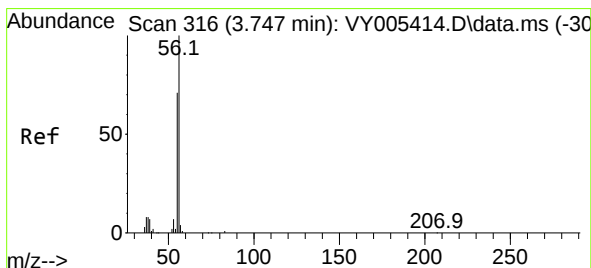
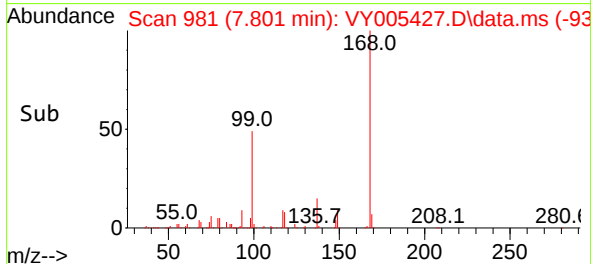
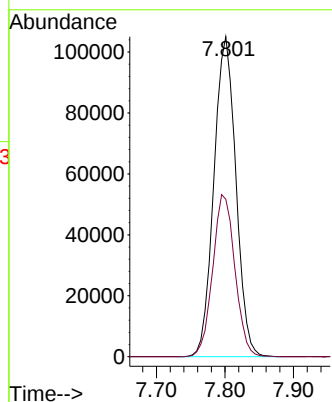
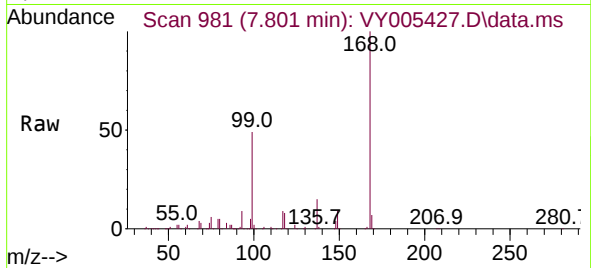




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005427.D
Acq: 23 Jul 2021 19:45

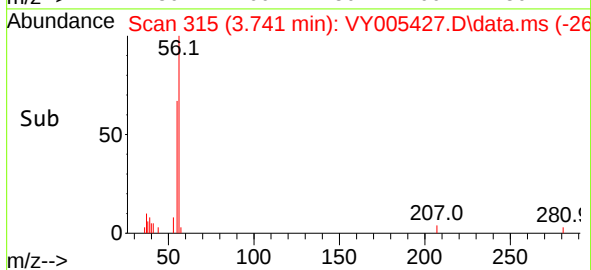
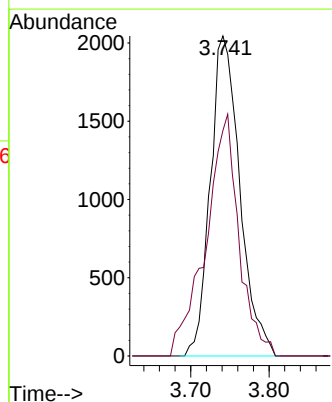
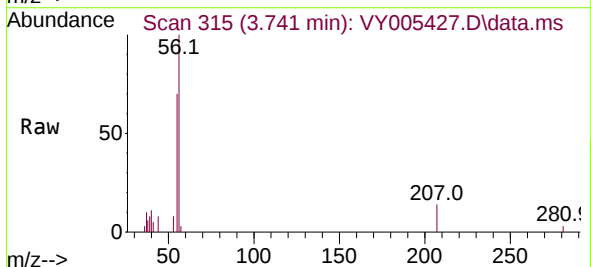
Instrument :
MSVOA_Y
ClientSampleId :
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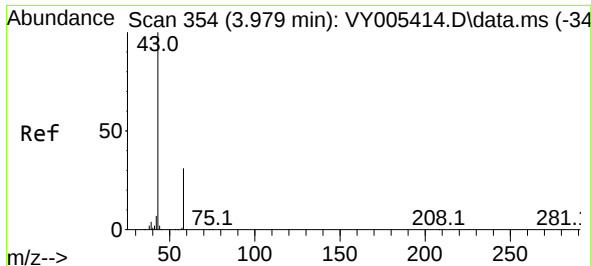
Tgt Ion:168 Resp: 233606
Ion Ratio Lower Upper
168 100
99 49.2 39.8 59.6



#13
Acrolein
Concen: 24.81 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.006 min
Lab File: VY005427.D
Acq: 23 Jul 2021 19:45

Tgt Ion: 56 Resp: 5357
Ion Ratio Lower Upper
56 100
55 84.7 55.2 82.8#

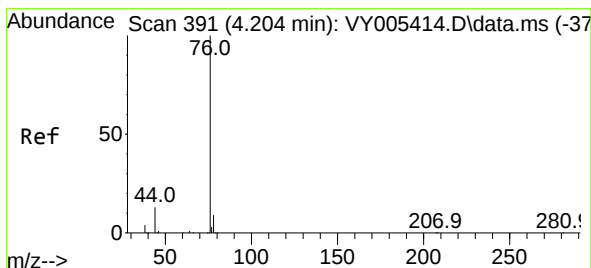
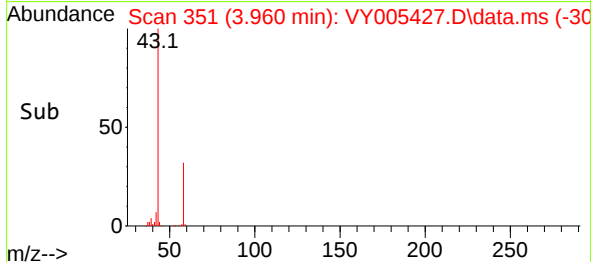
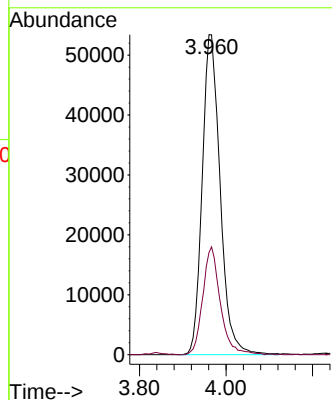
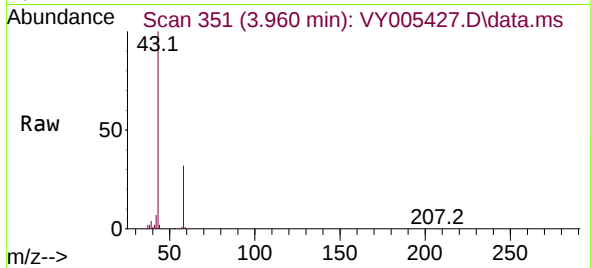




#16
Acetone
Concen: 269.75 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY005427.D
Acq: 23 Jul 2021 19:45

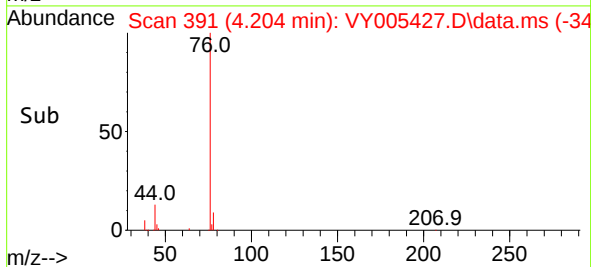
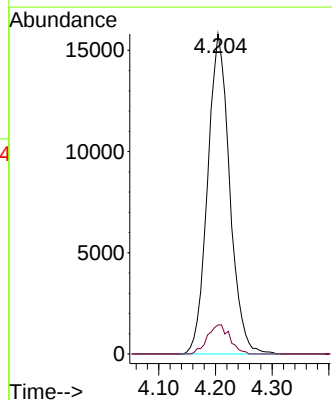
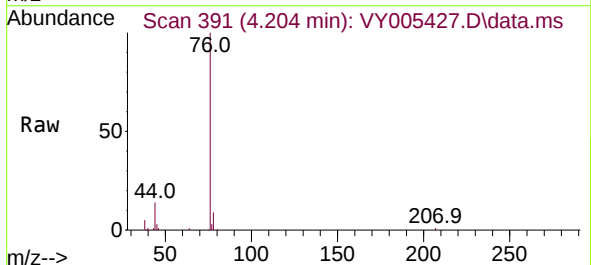
Instrument :
MSVOA_Y
ClientSampleId :
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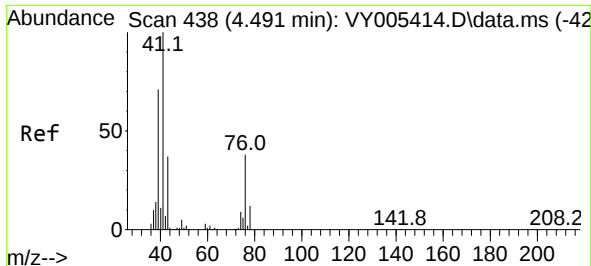
Tgt Ion: 43 Resp: 153742
Ion Ratio Lower Upper
43 100
58 32.0 24.5 36.7



#17
Carbon Disulfide
Concen: 5.78 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY005427.D
Acq: 23 Jul 2021 19:45

Tgt Ion: 76 Resp: 42679
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

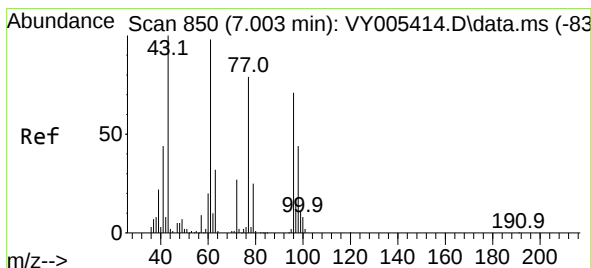
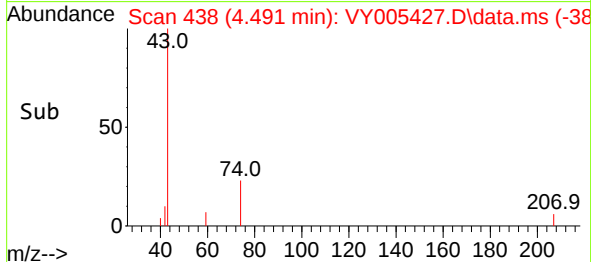
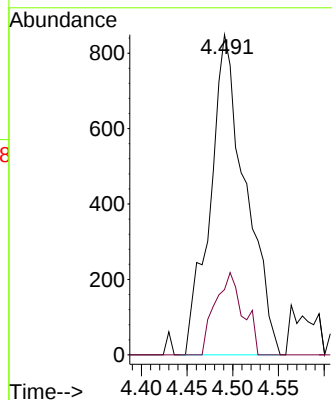
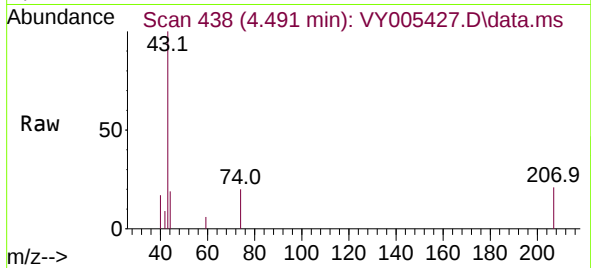




#18
Methyl Acetate
Concen: 1.43 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY005427.D
Acq: 23 Jul 2021 19:45

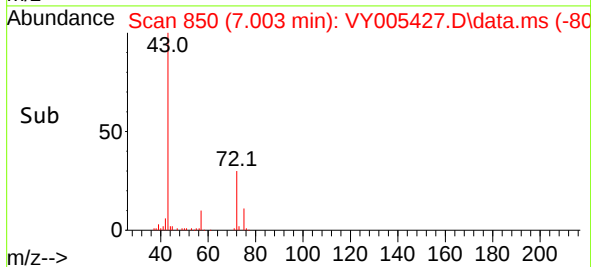
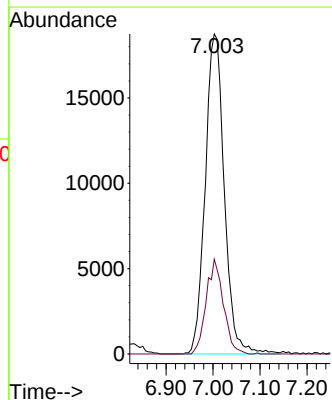
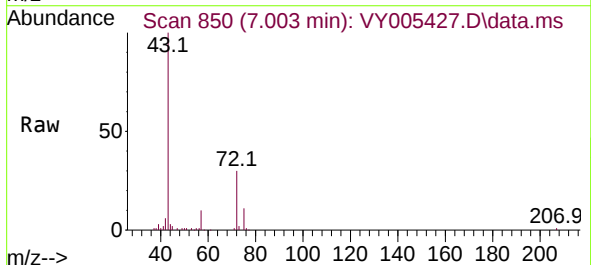
Instrument :
MSVOA_Y
ClientSampleId :
20210728-27

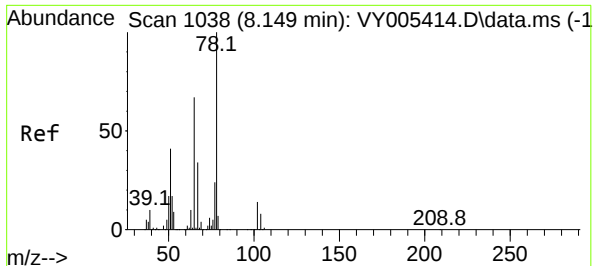
Tgt Ion: 43 Resp: 2291
Ion Ratio Lower Upper
43 100
74 20.3 19.2 28.8



#25
2-Butanone
Concen: 61.85 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY005427.D
Acq: 23 Jul 2021 19:45

Tgt Ion: 43 Resp: 52791
Ion Ratio Lower Upper
43 100
72 29.6 21.9 32.9

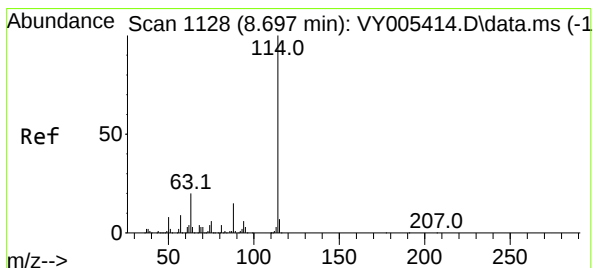
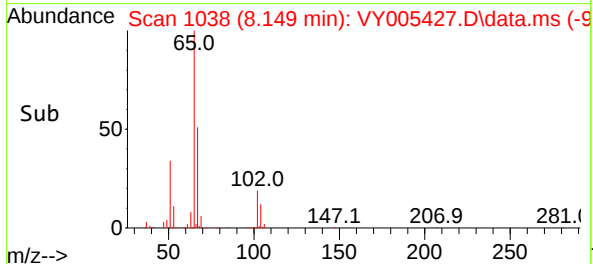
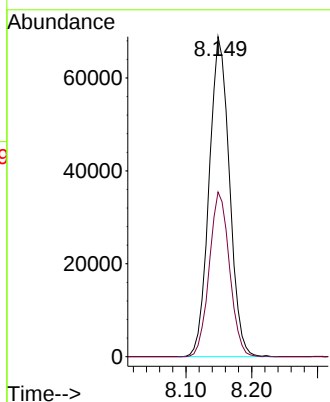
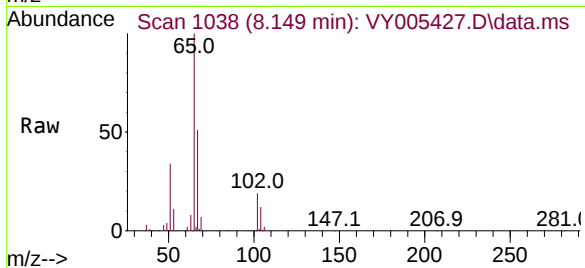




#33
1,2-Dichloroethane-d4
Concen: 59.37 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005427.D
Acq: 23 Jul 2021 19:45

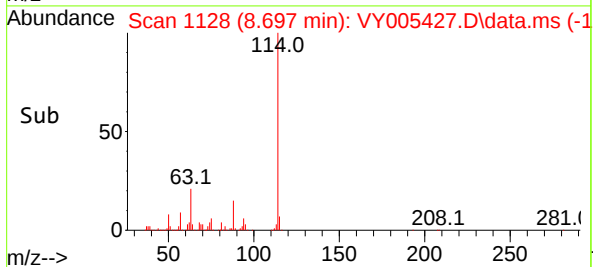
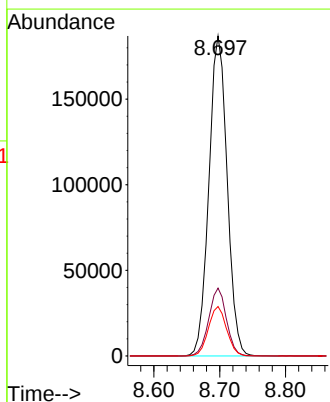
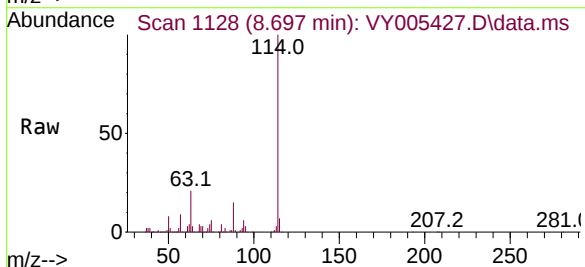
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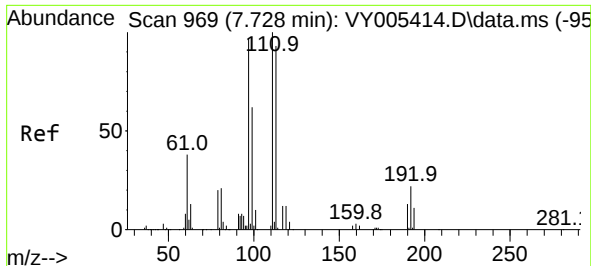
Tgt Ion: 65 Resp: 148172
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005427.D
Acq: 23 Jul 2021 19:45

Tgt Ion:114 Resp: 361384
Ion Ratio Lower Upper
114 100
63 21.2 0.0 39.0
88 15.5 0.0 30.8

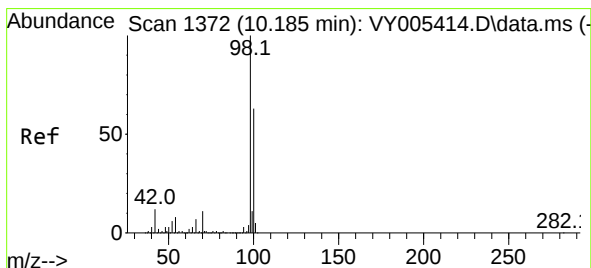
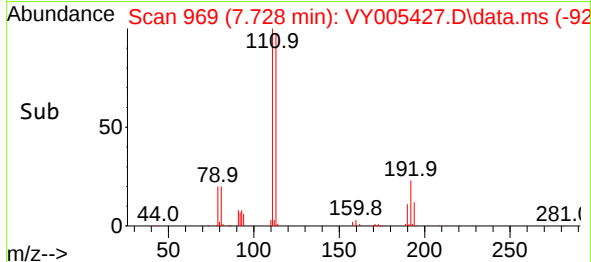
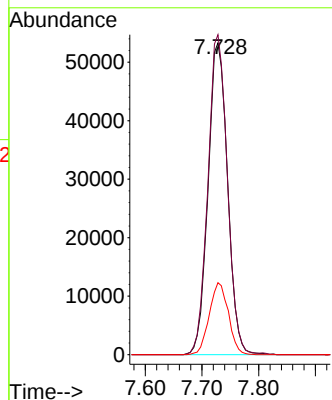
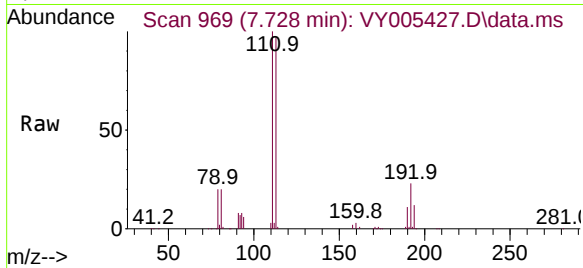




#35
Dibromofluoromethane
Concen: 61.04 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005427.D
Acq: 23 Jul 2021 19:45

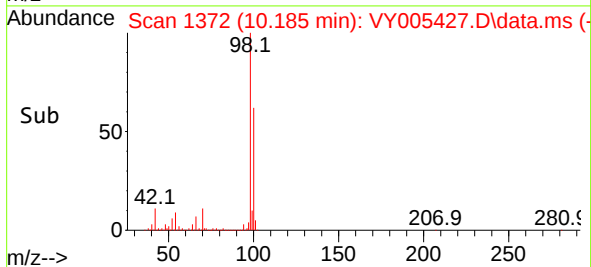
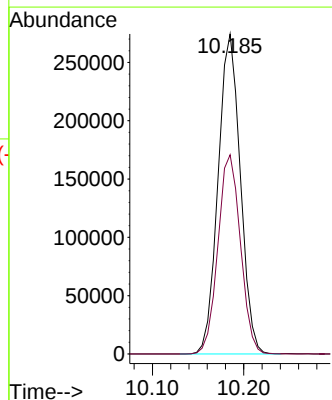
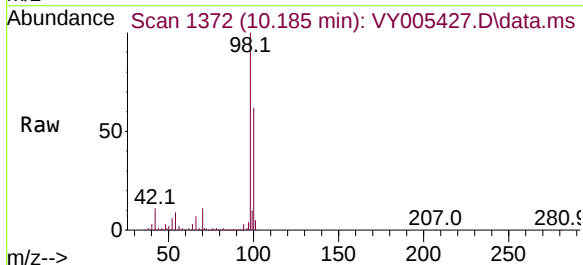
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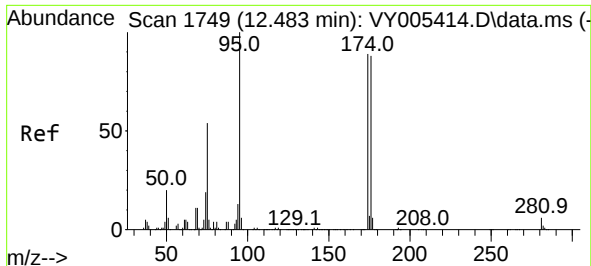
Tgt Ion:113 Resp: 127373
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 22.6 18.9 28.3



#50
Toluene-d8
Concen: 52.44 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005427.D
Acq: 23 Jul 2021 19:45

Tgt Ion: 98 Resp: 463811
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3

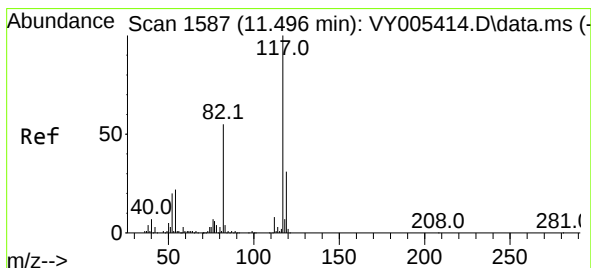
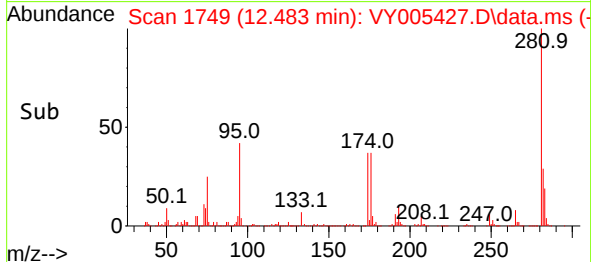
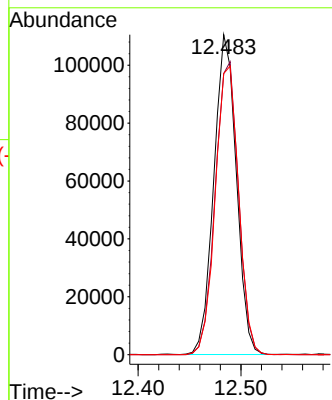
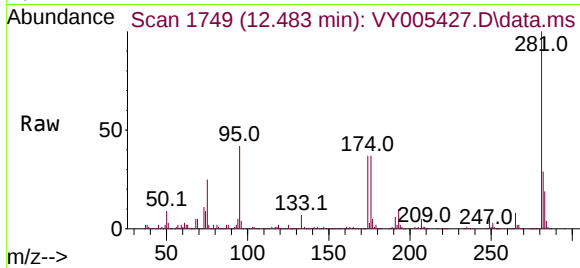




#62
4-Bromofluorobenzene
Concen: 57.55 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005427.D
Acq: 23 Jul 2021 19:45

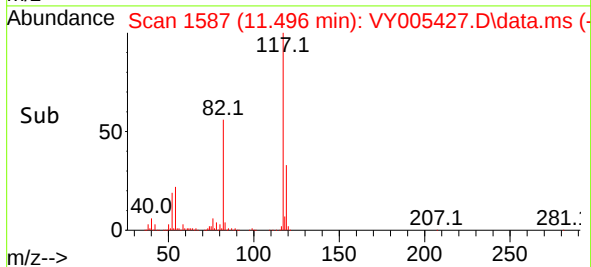
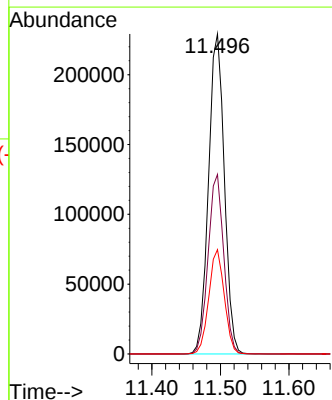
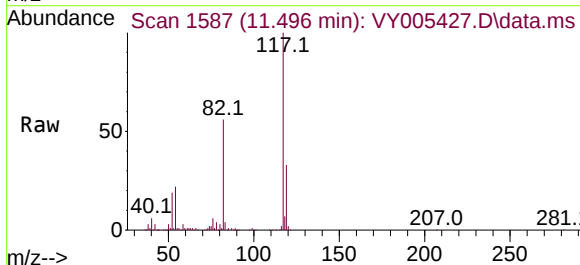
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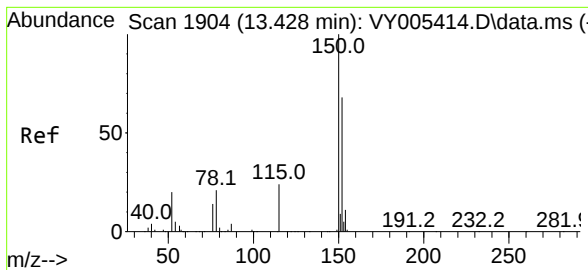
Tgt Ion: 95 Resp: 167991
Ion Ratio Lower Upper
95 100
174 94.4 0.0 186.6
176 93.5 0.0 182.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005427.D
Acq: 23 Jul 2021 19:45

Tgt Ion: 117 Resp: 367536
Ion Ratio Lower Upper
117 100
82 56.1 43.8 65.6
119 32.6 24.8 37.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005427.D
 Acq: 23 Jul 2021 19:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210728-27

Tgt Ion:152 Resp: 177601

Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.7	83.1
150	156.5	0.0	349.6

