

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040121\
 Data File : VY004244.D
 Acq On : 01 Apr 2021 14:30
 Operator : SY/MD
 Sample : M1894-02
 Misc : 5.05g/5mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210156-AMENDED-CP-COMPOSI

Quant Time: Apr 02 02:10:09 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)

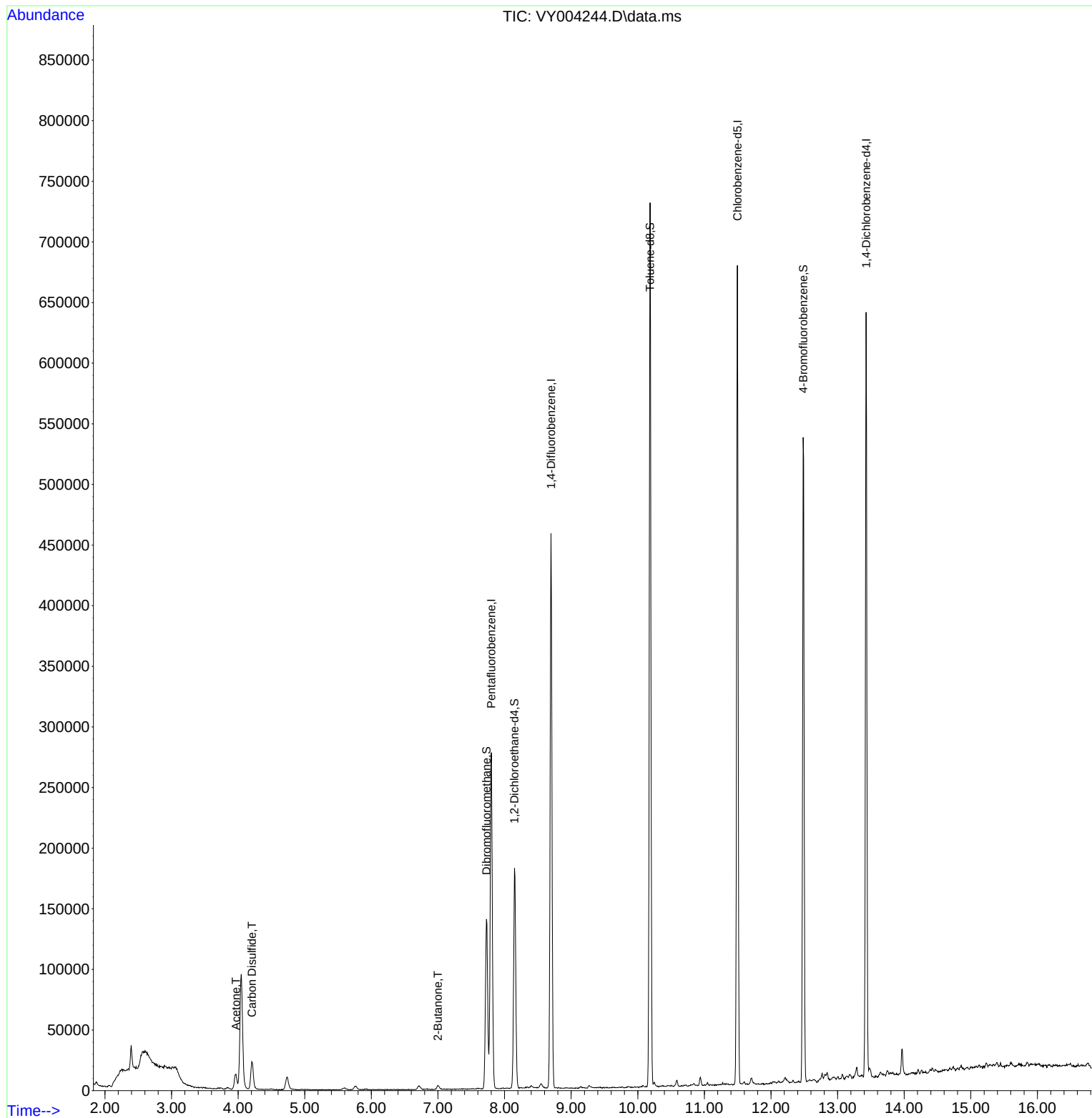
Internal Standards						
1) Pentafluorobenzene	7.801	168	214155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	369682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	345926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	153777	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	137302	66.69	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 133.38%			
35) Dibromofluoromethane	7.728	113	98194	47.67	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.34%			
50) Toluene-d8	10.185	98	451529	58.28	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 116.56%			
62) 4-Bromofluorobenzene	12.483	95	156129	58.80	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 117.60%			
Target Compounds						
16) Acetone	3.967	43	22974	53.56	ug/l	100
17) Carbon Disulfide	4.204	76	46546	9.14	ug/l	100
25) 2-Butanone	6.997	43	5644	7.88	ug/l	95

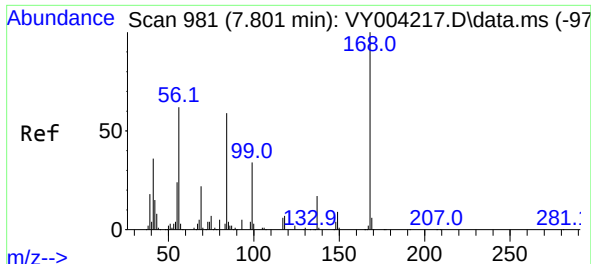
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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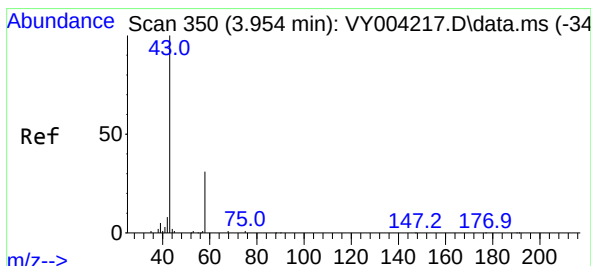
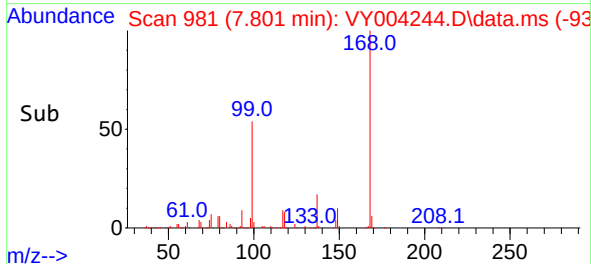
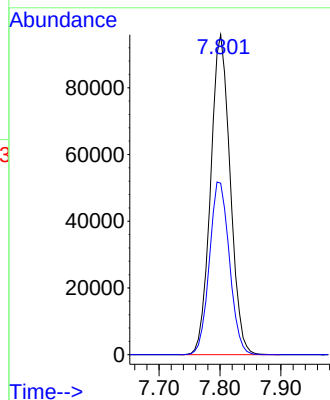
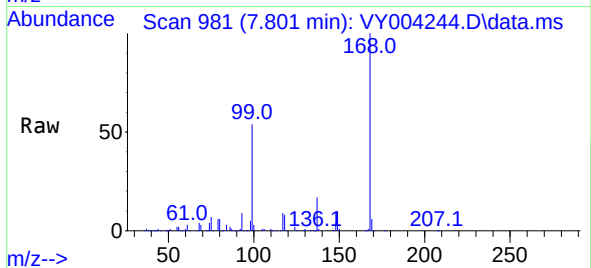




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004244.D
Acq: 01 Apr 2021 14:30

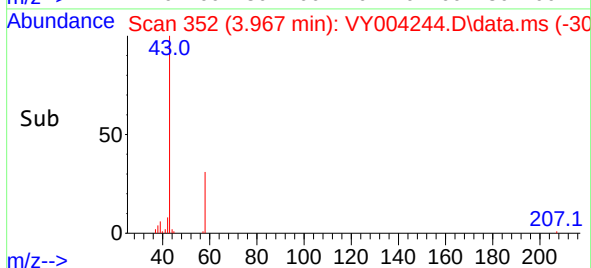
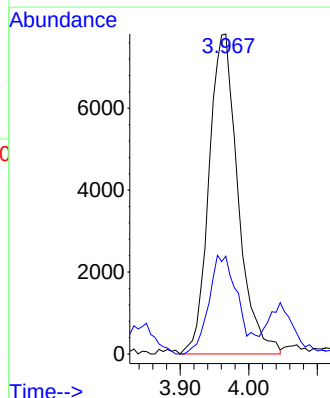
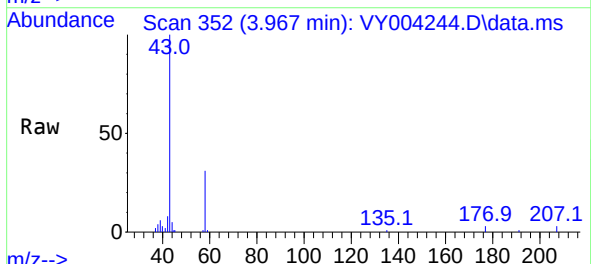
Instrument :
MSVOA_Y
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20210156-AMENDED-CP-COMPOSI

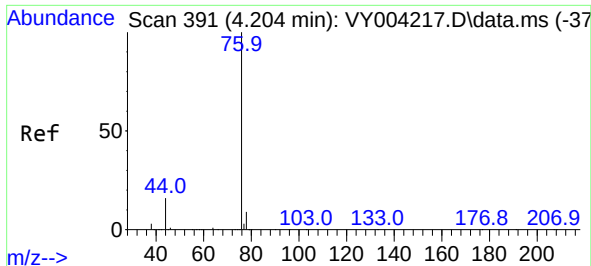
Tgt Ion:168 Resp: 214155
Ion Ratio Lower Upper
168 100
99 53.6 42.6 64.0



#16
Acetone
Concen: 53.56 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY004244.D
Acq: 01 Apr 2021 14:30

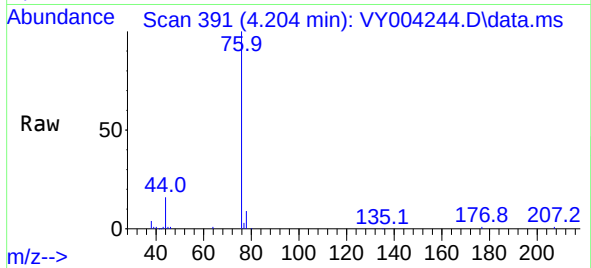
Tgt Ion: 43 Resp: 22974
Ion Ratio Lower Upper
43 100
58 30.5 24.5 36.7



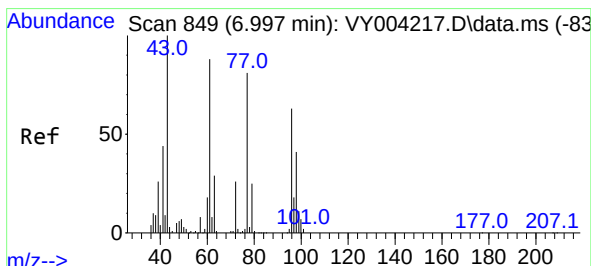
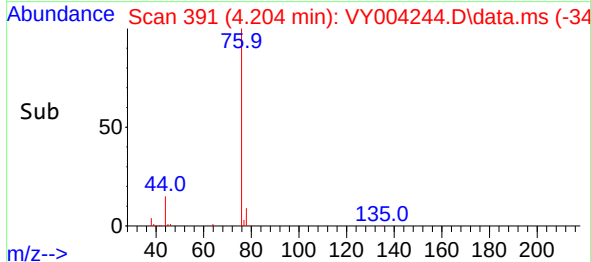
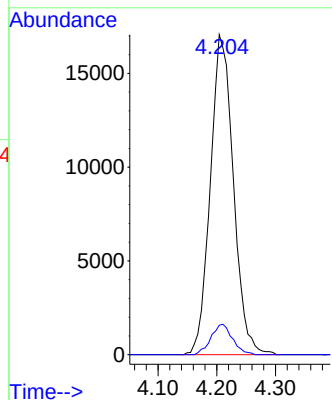


#17
Carbon Disulfide
Concen: 9.14 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY004244.D
Acq: 01 Apr 2021 14:30

Instrument :
MSVOA_Y
ClientSampleId :
20210156-AMENDED-CP-COMPOSI

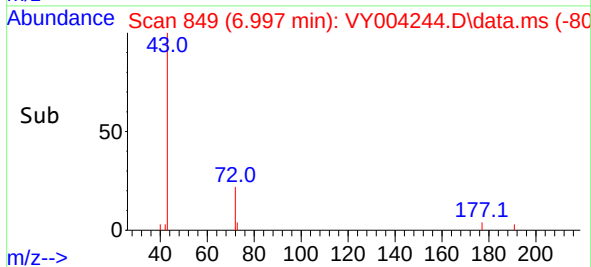
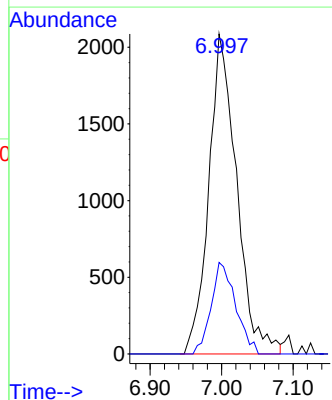
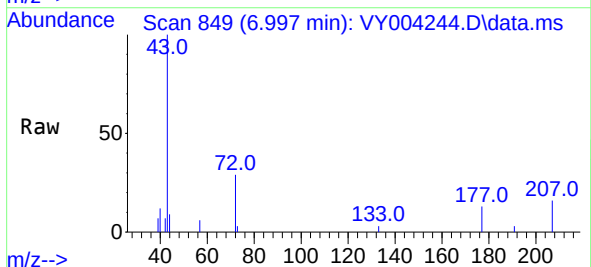


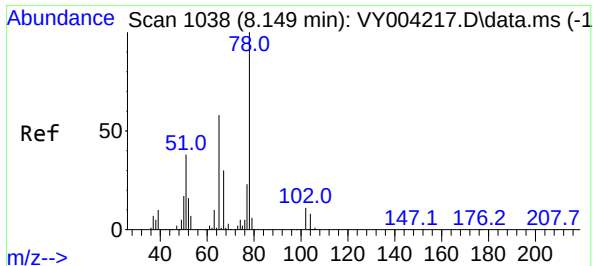
Tgt Ion: 76 Resp: 46546
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#25
2-Butanone
Concen: 7.88 ug/l
RT: 6.997 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY004244.D
Acq: 01 Apr 2021 14:30

Tgt Ion: 43 Resp: 5644
Ion Ratio Lower Upper
43 100
72 28.6 21.0 31.6

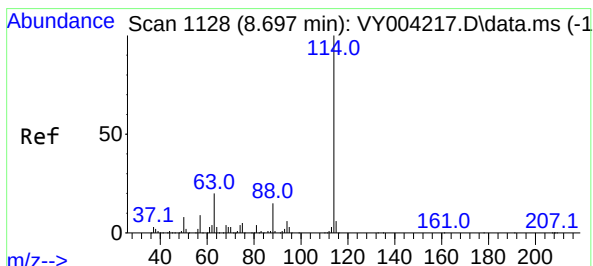
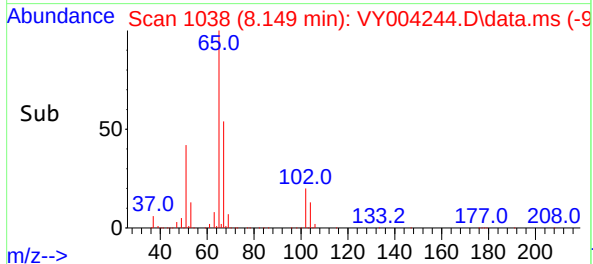
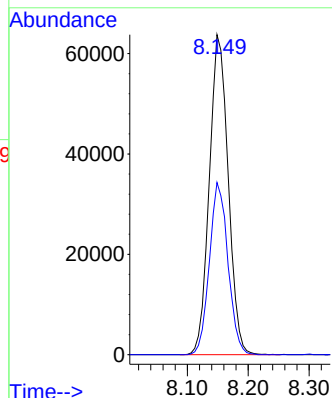
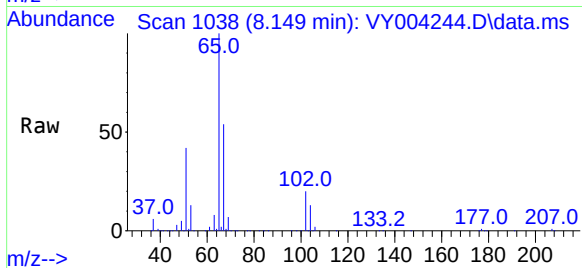




#33
1,2-Dichloroethane-d4
Concen: 66.69 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004244.D
Acq: 01 Apr 2021 14:30

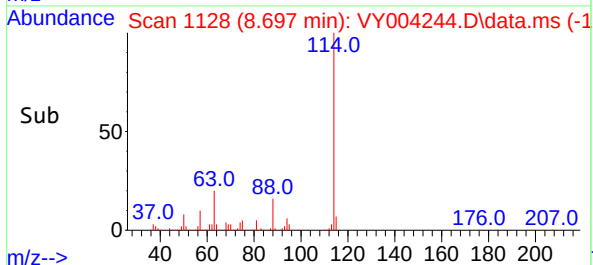
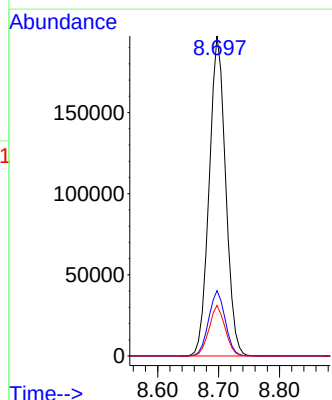
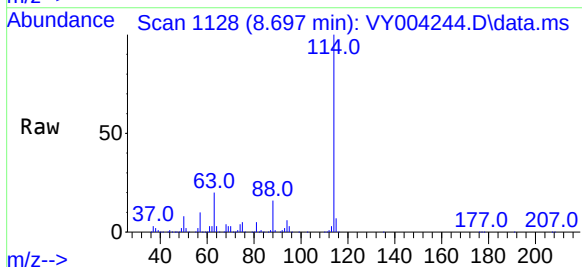
Instrument :
MSVOA_Y
ClientSampleId :
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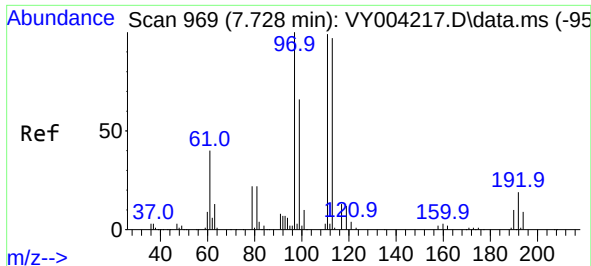
Tgt Ion: 65 Resp: 137302
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004244.D
Acq: 01 Apr 2021 14:30

Tgt Ion:114 Resp: 369682
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.4
88 15.8 0.0 30.8

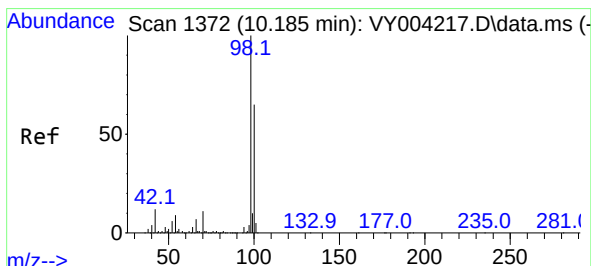
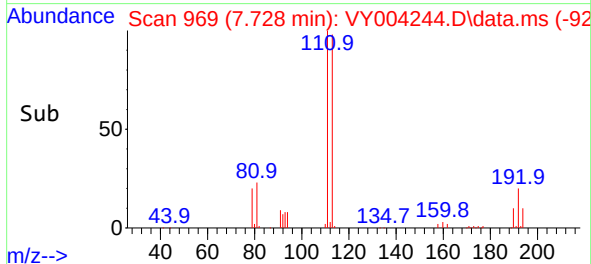
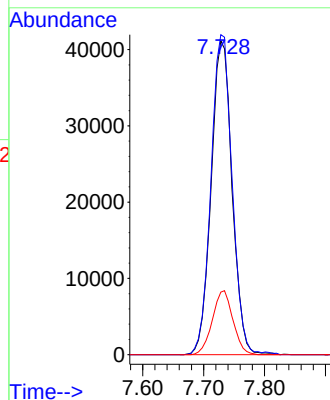
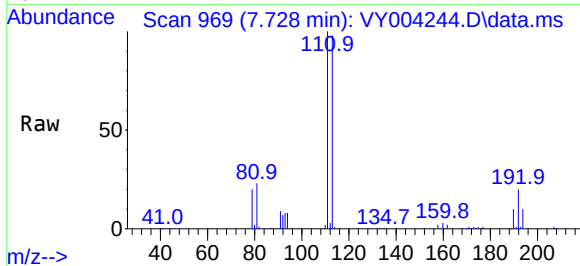




#35
Dibromofluoromethane
Concen: 47.67 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004244.D
Acq: 01 Apr 2021 14:30

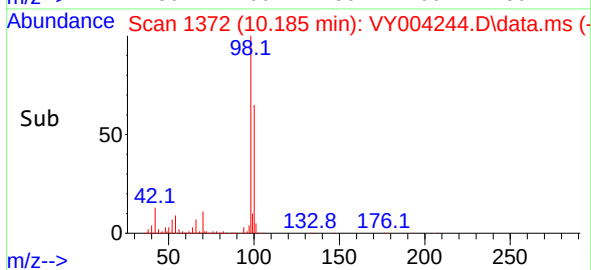
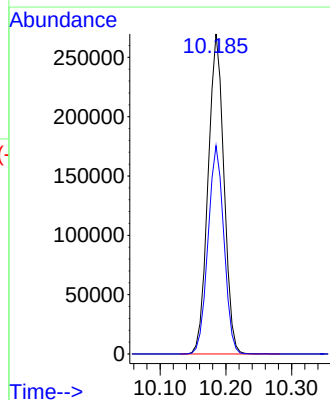
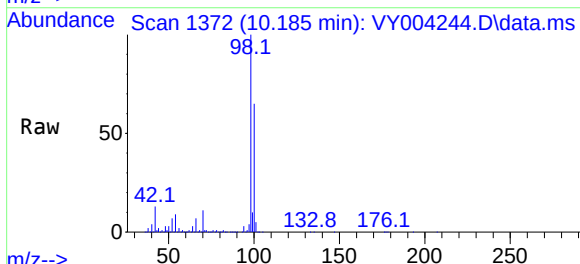
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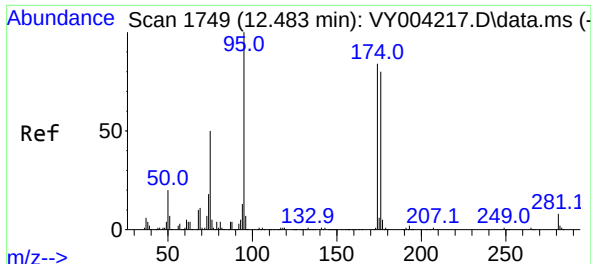
Tgt Ion:	113	Resp:	98194
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	124.0
192	20.1	16.4	24.6



#50
Toluene-d8
Concen: 58.28 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004244.D
Acq: 01 Apr 2021 14:30

Tgt Ion:	98	Resp:	451529
Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.5	78.7



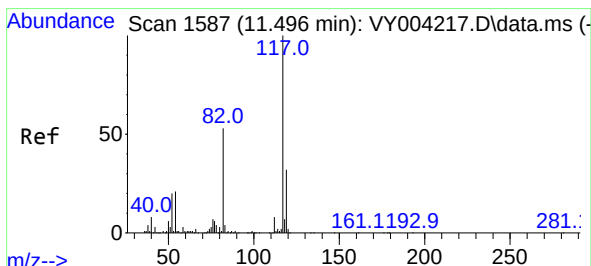
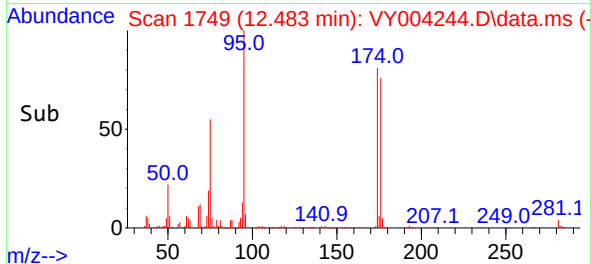
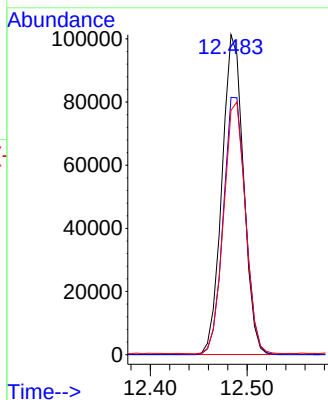
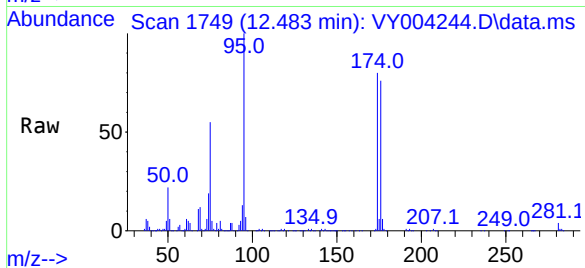


#62
4-Bromofluorobenzene
Concen: 58.80 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004244.D
Acq: 01 Apr 2021 14:30

Instrument :
MSVOA_Y
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Tgt Ion: 95 Resp: 156129

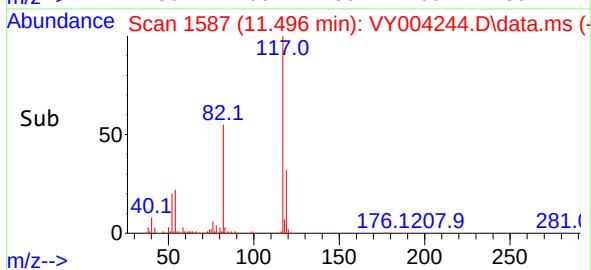
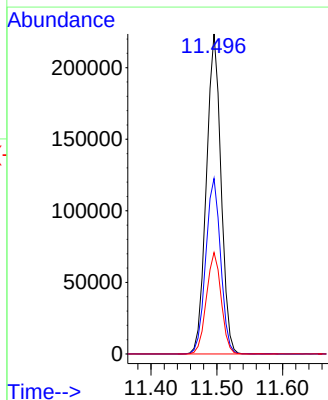
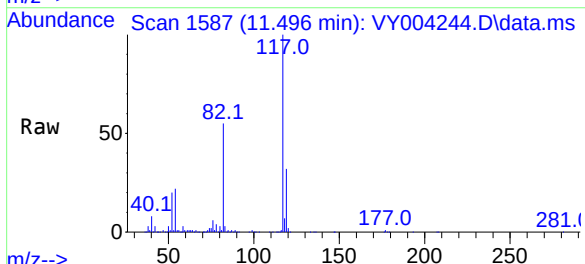
Ion	Ratio	Lower	Upper
95	100		
174	82.7	0.0	171.4
176	80.2	0.0	165.6

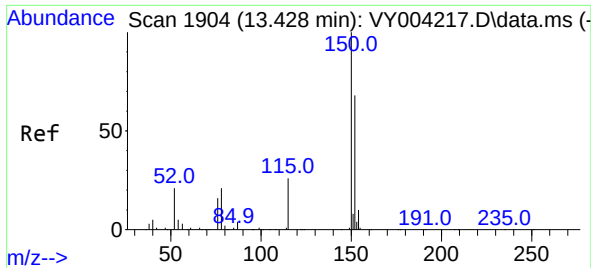


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004244.D
Acq: 01 Apr 2021 14:30

Tgt Ion: 117 Resp: 345926

Ion	Ratio	Lower	Upper
117	100		
82	54.9	42.7	64.1
119	31.7	25.7	38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004244.D
 Acq: 01 Apr 2021 14:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210156-AMENDED-CP-COMPOSI

Tgt Ion:152 Resp: 153777

Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.0	87.1
150	158.4	0.0	347.4

