

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110321\
 Data File : VY006603.D
 Acq On : 03 Nov 2021 15:33
 Operator : SY/MD
 Sample : M4427-02RE
 Misc : 4.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FDR-BH-5-20211029-6.5-7RE

Quant Time: Nov 03 21:20:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

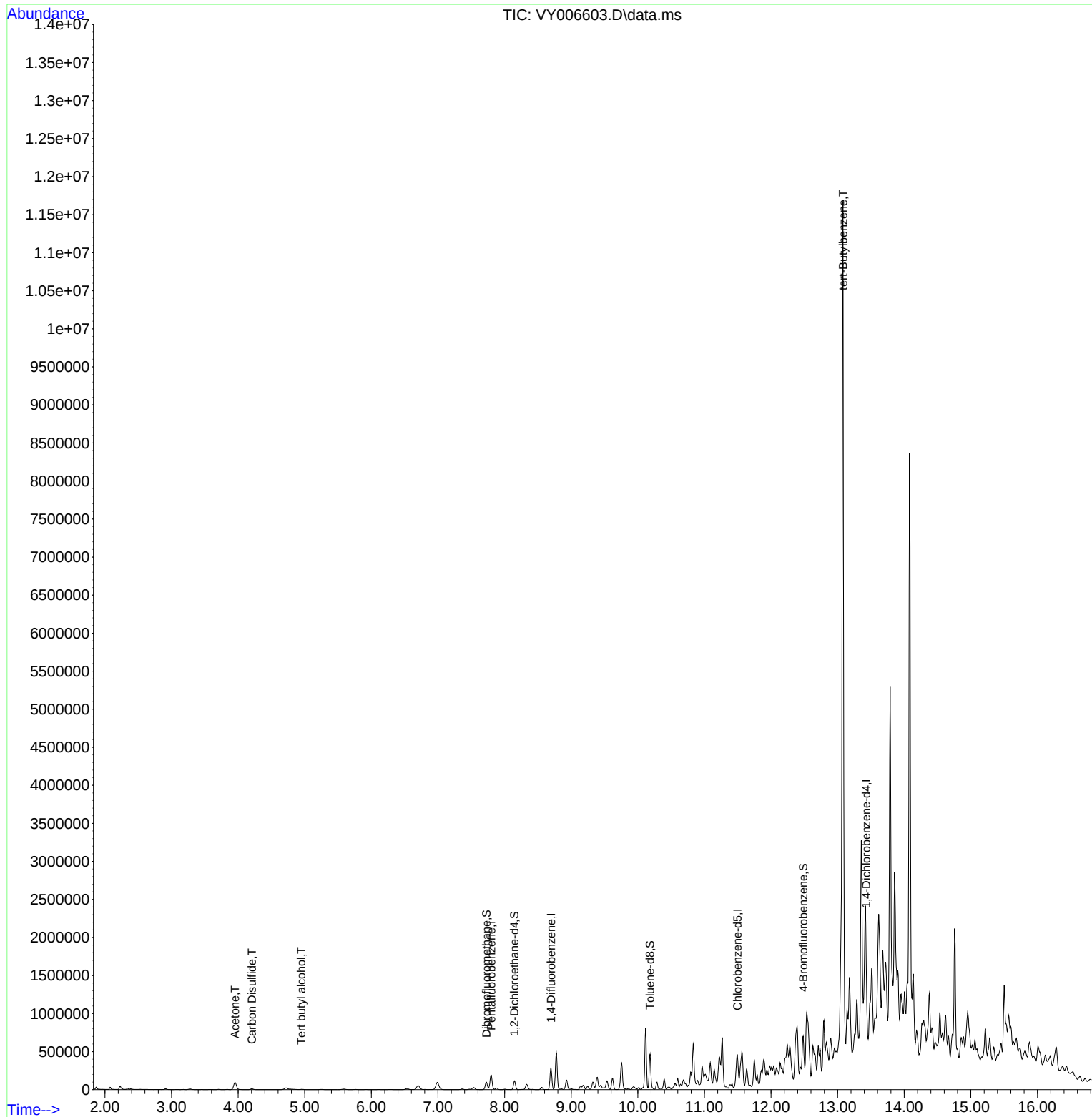
Internal Standards						
1) Pentafluorobenzene	7.801	168	138733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	228022	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	164999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	20801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	89718	52.553	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.100%	
35) Dibromofluoromethane	7.728	113	66219	52.103	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.200%	
50) Toluene-d8	10.185	98	285040	52.906	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.820%	
62) 4-Bromofluorobenzene	12.483	95	49802	27.441	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 54.880%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	8685	55.999	ug/l	97
16) Acetone	3.954	43	123206	250.632	ug/l	91
17) Carbon Disulfide	4.204	76	19477	4.741	ug/l	99
83) tert-Butylbenzene	13.081	119	4088426	3904.945	ug/l	98

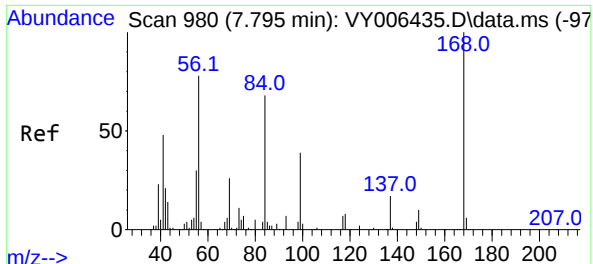
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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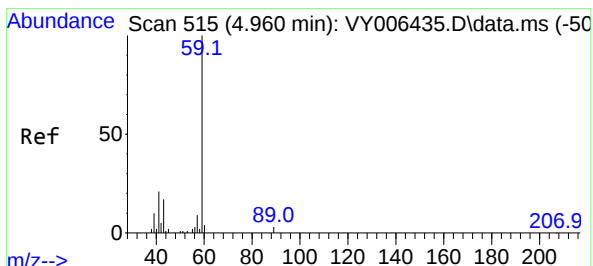
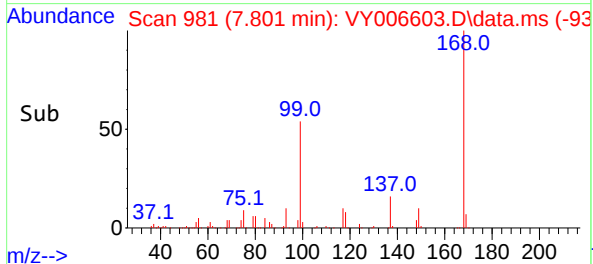
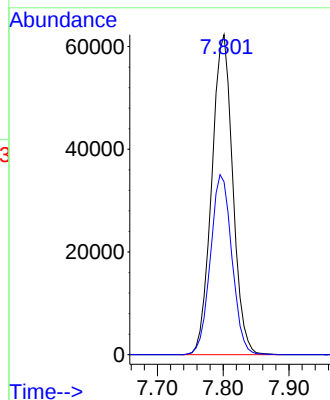
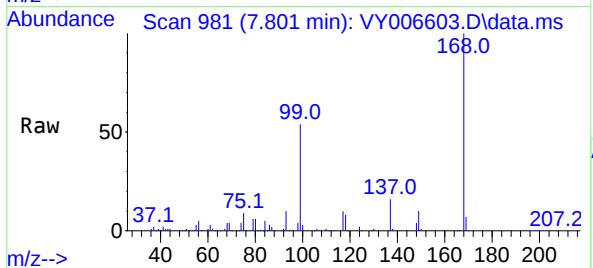




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006603.D
Acq: 03 Nov 2021 15:33

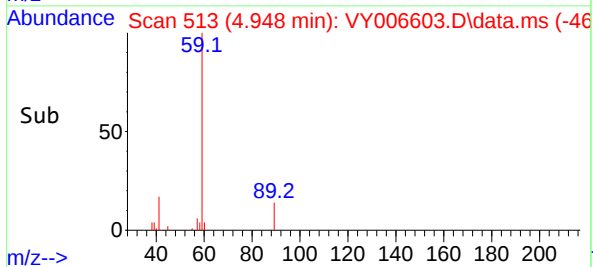
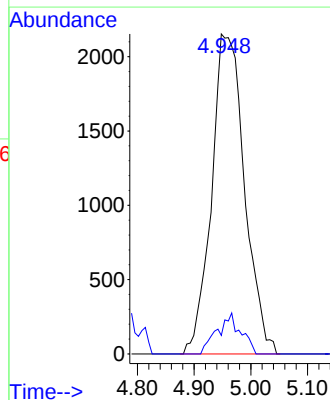
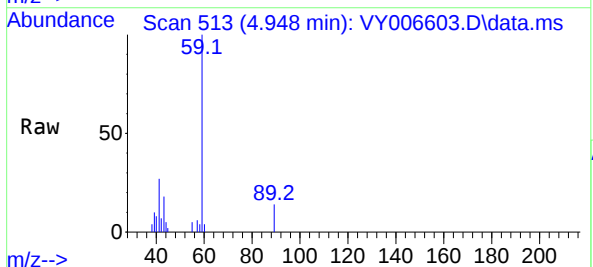
Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-5-20211029-6.5-7RE

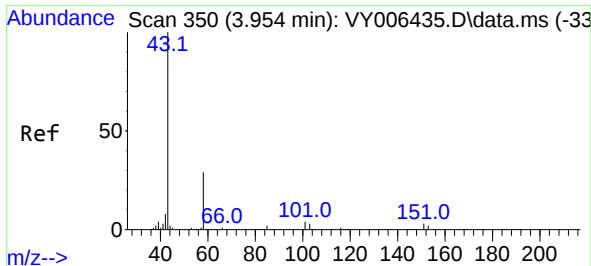
Tgt Ion:168 Resp: 138733
Ion Ratio Lower Upper
168 100
99 54.0 44.8 67.2



#11
Tert butyl alcohol
Concen: 55.999 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY006603.D
Acq: 03 Nov 2021 15:33

Tgt Ion: 59 Resp: 8685
Ion Ratio Lower Upper
59 100
57 9.1 8.2 12.4

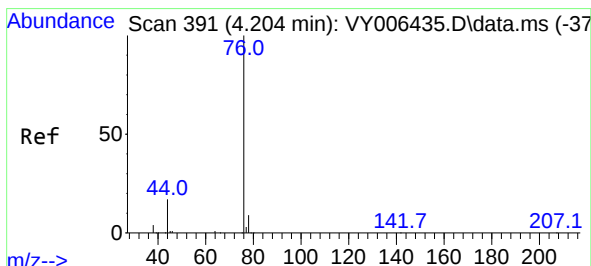
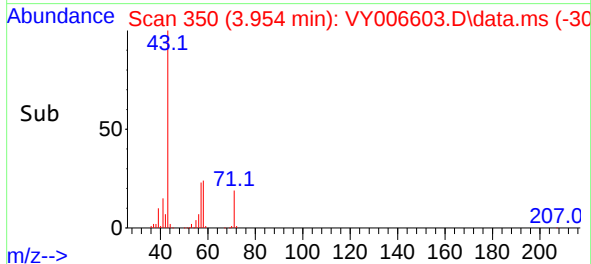
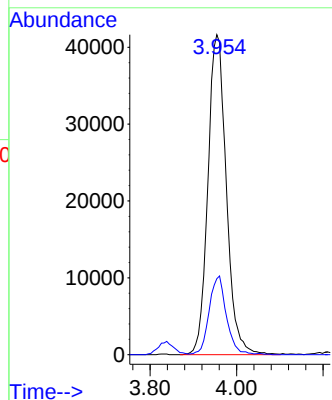
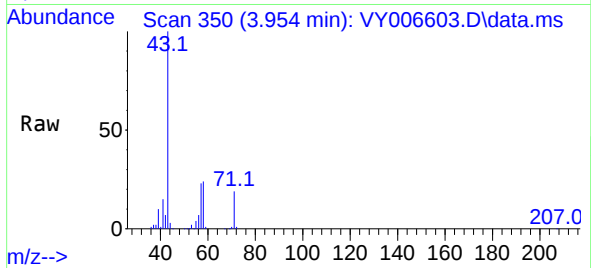




#16
Acetone
Concen: 250.632 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006603.D
Acq: 03 Nov 2021 15:33

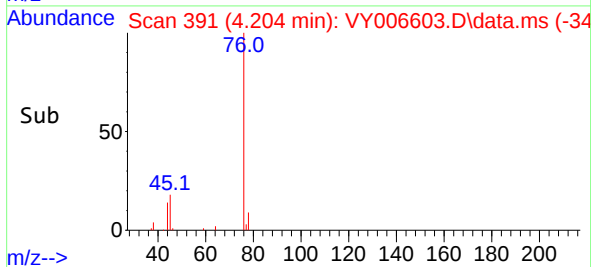
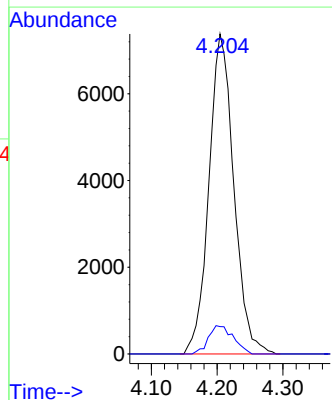
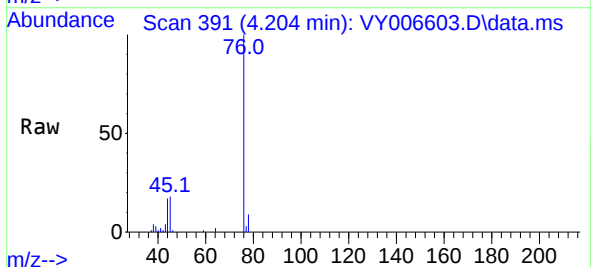
Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-5-20211029-6.5-7RE

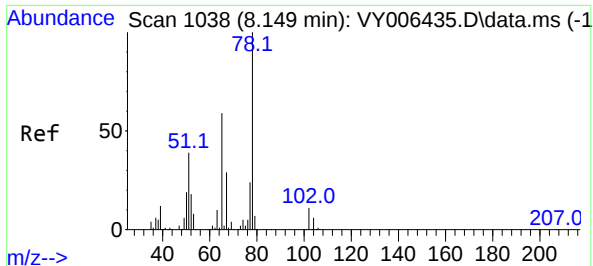
Tgt Ion: 43 Resp: 123206
Ion Ratio Lower Upper
43 100
58 23.7 22.9 34.3



#17
Carbon Disulfide
Concen: 4.741 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY006603.D
Acq: 03 Nov 2021 15:33

Tgt Ion: 76 Resp: 19477
Ion Ratio Lower Upper
76 100
78 8.5 7.1 10.7





#33

1,2-Dichloroethane-d4

Concen: 52.553 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY006603.D

Acq: 03 Nov 2021 15:33

Instrument :

MSVOA_Y

ClientSampleId :

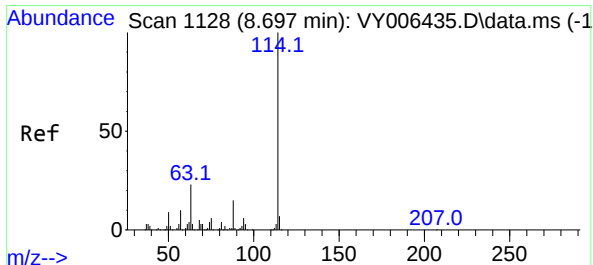
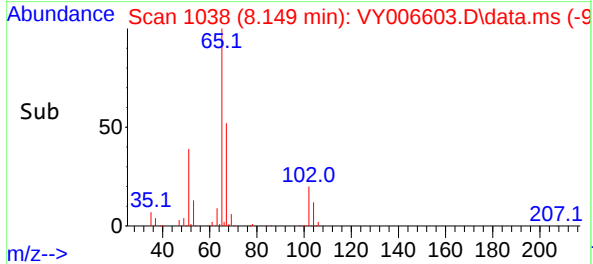
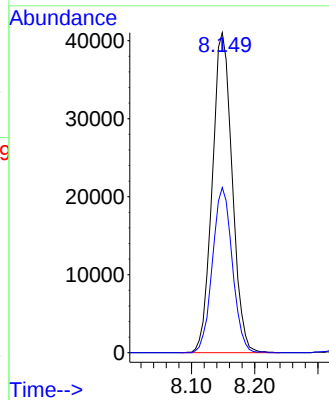
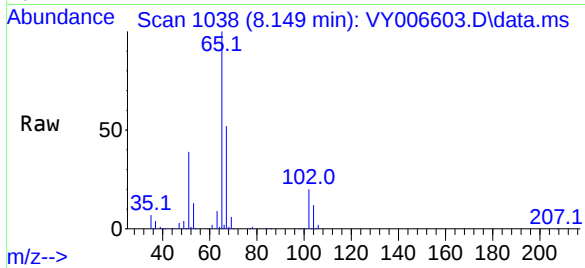
FDR-BH-5-20211029-6.5-7RE

Tgt Ion: 65 Resp: 89718

Ion Ratio Lower Upper

65 100

67 51.3 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006603.D

Acq: 03 Nov 2021 15:33

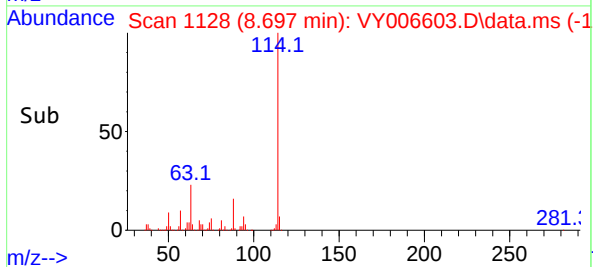
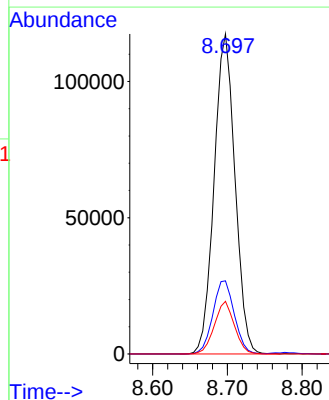
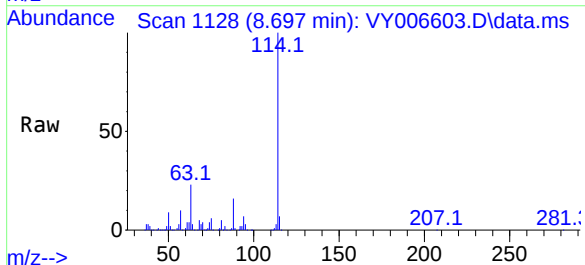
Tgt Ion: 114 Resp: 228022

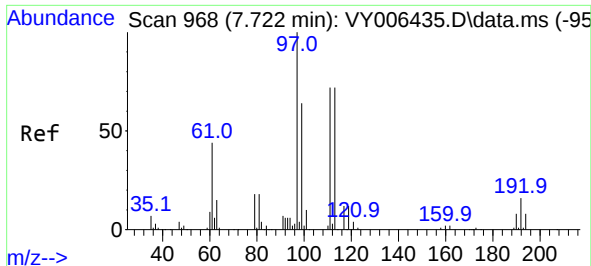
Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.0

88 16.5 0.0 30.6

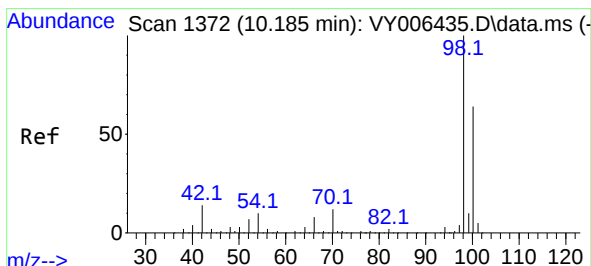
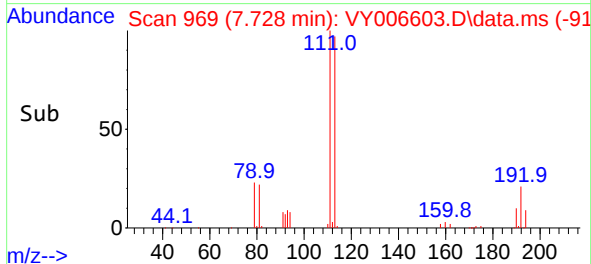
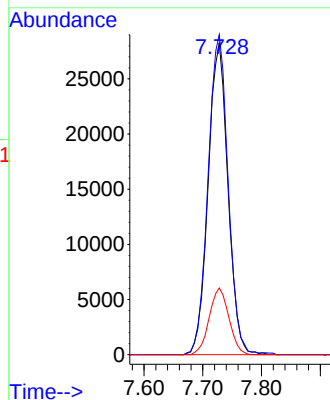
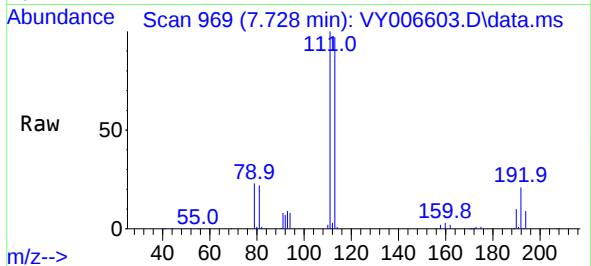




#35
Dibromofluoromethane
Concen: 52.103 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY006603.D
Acq: 03 Nov 2021 15:33

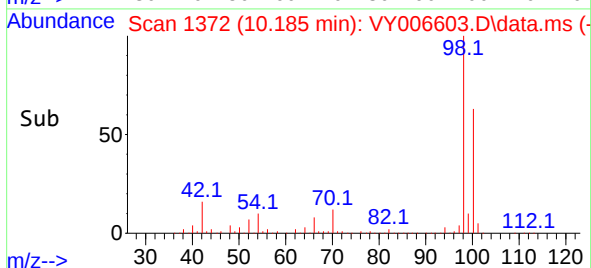
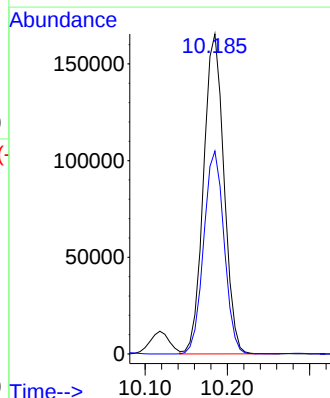
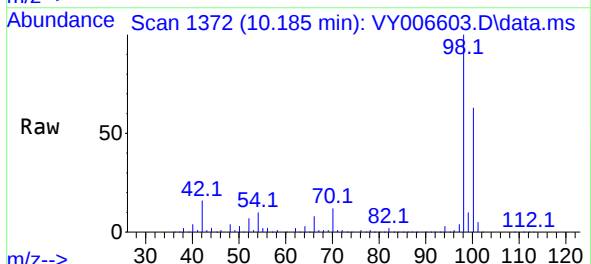
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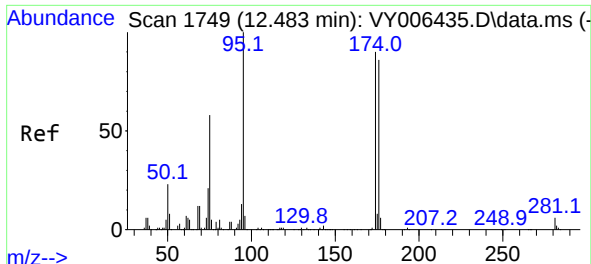
Tgt Ion:113 Resp: 66219
Ion Ratio Lower Upper
113 100
111 104.0 82.3 123.5
192 21.2 17.4 26.2



#50
Toluene-d8
Concen: 52.906 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006603.D
Acq: 03 Nov 2021 15:33

Tgt Ion: 98 Resp: 285040
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

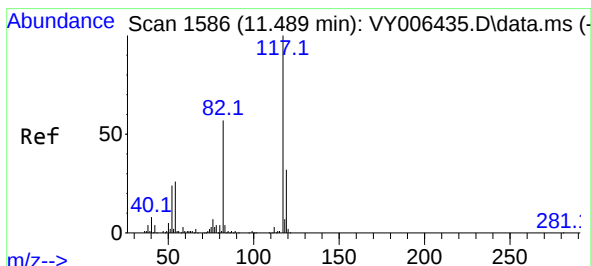
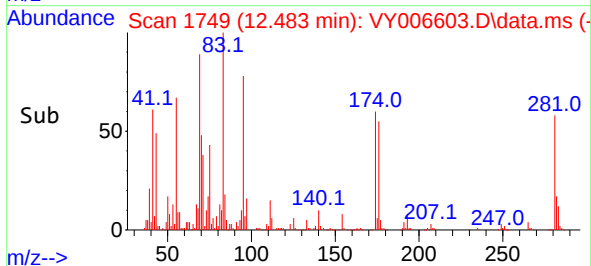
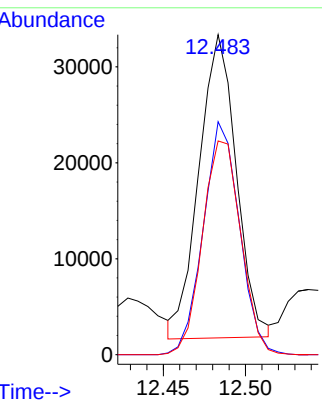
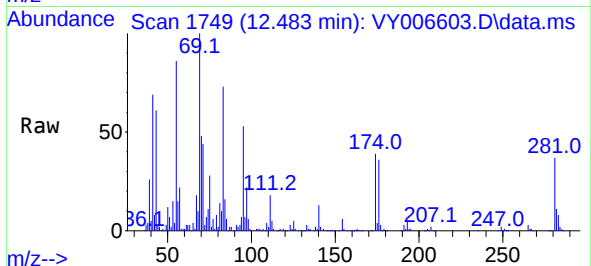




#62
4-Bromofluorobenzene
Concen: 27.441 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006603.D
Acq: 03 Nov 2021 15:33

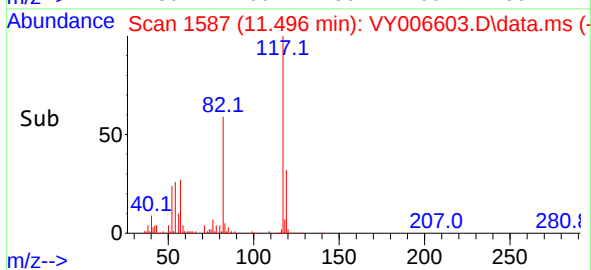
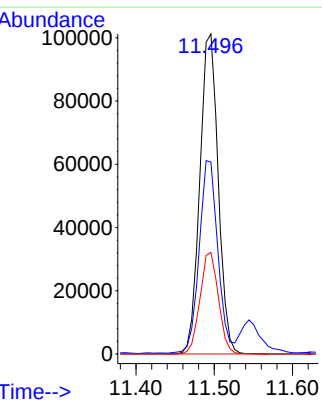
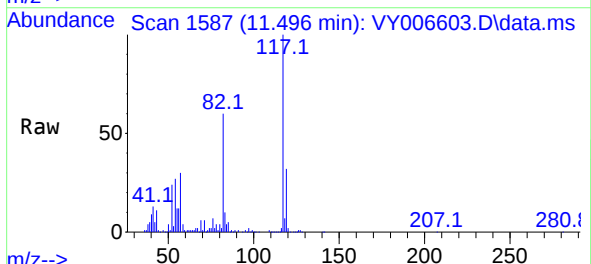
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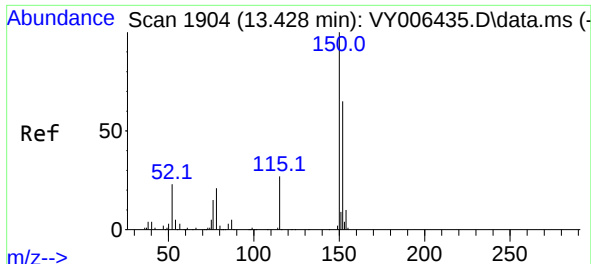
Tgt Ion:	95	Resp:	49802
Ion Ratio	Lower	Upper	
95	100		
174	74.8	0.0	177.0
176	72.7	0.0	169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006603.D
Acq: 03 Nov 2021 15:33

Tgt Ion:	117	Resp:	164999
Ion Ratio	Lower	Upper	
117	100		
82	59.7	45.7	68.5
119	31.8	25.5	38.3

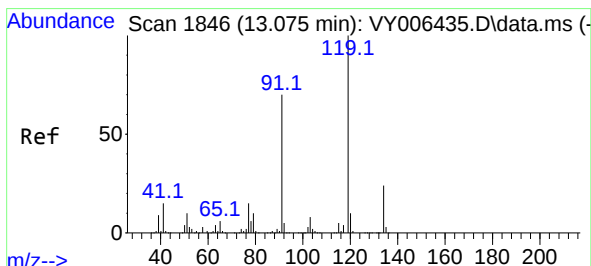
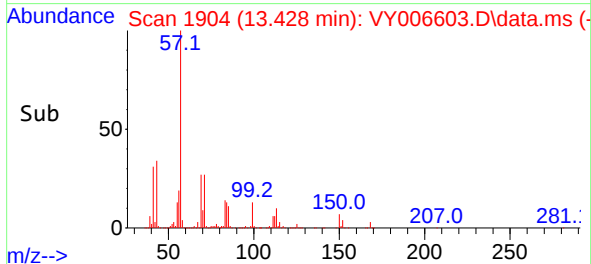
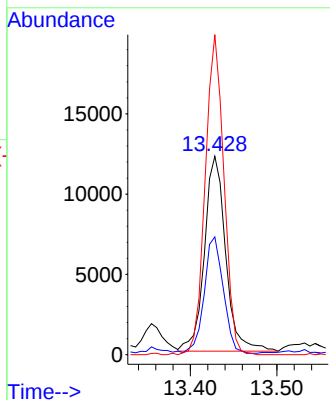
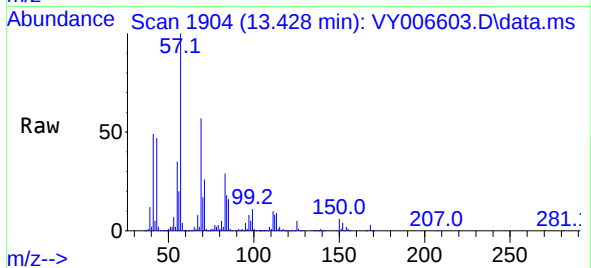




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006603.D
 Acq: 03 Nov 2021 15:33

Instrument : MSVOA_Y
 ClientSampleId : FDR-BH-5-20211029-6.5-7RE

Tgt Ion:	152	Resp:	20801
Ion	Ratio	Lower	Upper
152	100		
115	53.6	28.5	85.5
150	143.9	0.0	348.2



#83
 tert-Butylbenzene
 Concen: 3904.945 ug/l
 RT: 13.081 min Scan# 1847
 Delta R.T. 0.006 min
 Lab File: VY006603.D
 Acq: 03 Nov 2021 15:33

Tgt Ion:	119	Resp:	4088426
Ion	Ratio	Lower	Upper
119	100		
91	72.0	34.8	104.5
134	25.0	13.0	38.9

