

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110221\
 Data File : VY006588.D
 Acq On : 02 Nov 2021 19:47
 Operator : SY/MD
 Sample : M4427-05
 Misc : 3.42G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FDR-BH-4-20211029-7.5-8S

Quant Time: Nov 03 02:03:10 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)

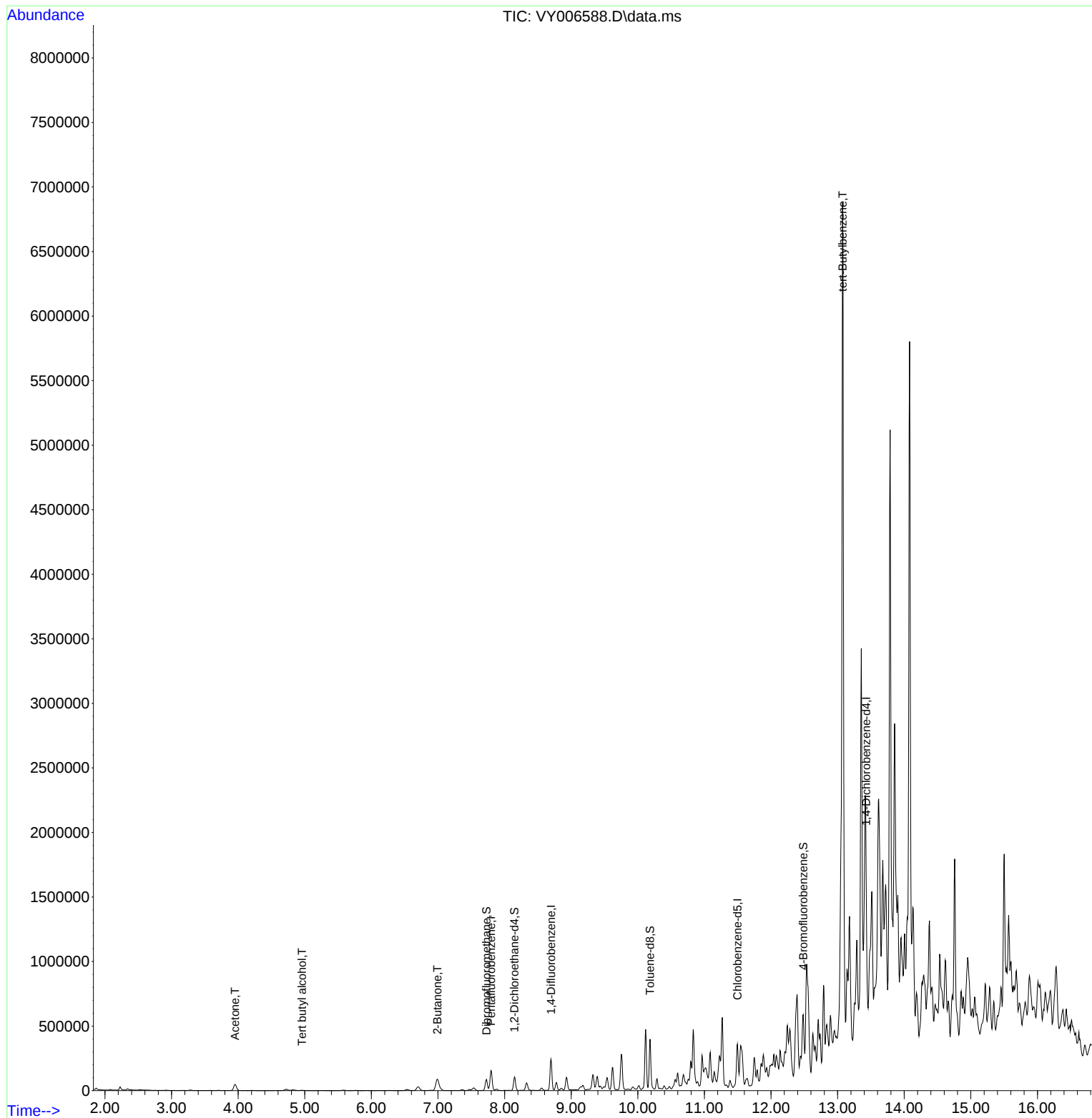
Internal Standards						
1) Pentafluorobenzene	7.795	168	115764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	191404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	128387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	14641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	79850	56.053	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.100%
35) Dibromofluoromethane	7.728	113	56816	53.257	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.520%
50) Toluene-d8	10.185	98	239203	52.892	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.780%
62) 4-Bromofluorobenzene	12.483	95	36450	23.926	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	47.860%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.960	59	5723	44.222	ug/l #	83
16) Acetone	3.954	43	60550	147.613	ug/l #	86
25) 2-Butanone	6.990	43	56646	105.409	ug/l #	63
83) tert-Butylbenzene	13.075	119	2274042	3085.821	ug/l	98

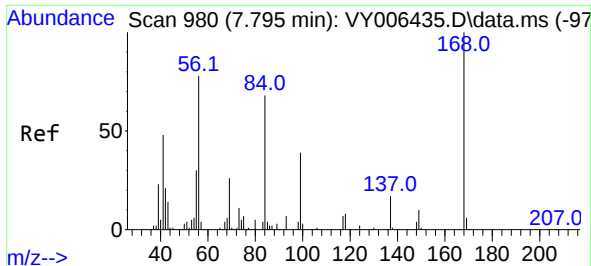
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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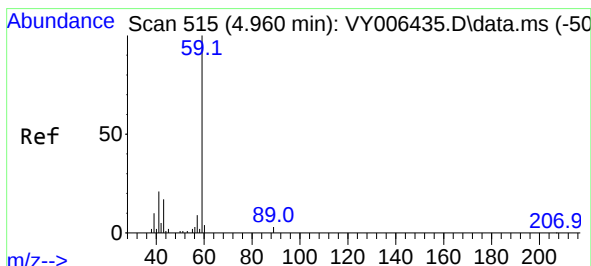
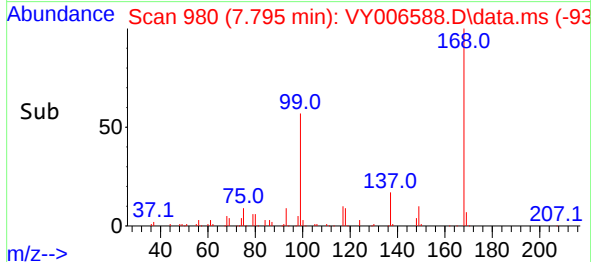
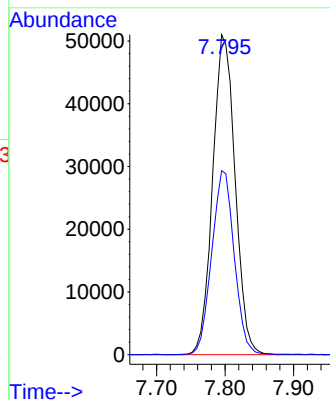
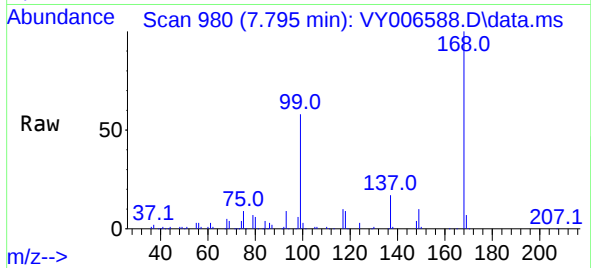




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006588.D
Acq: 02 Nov 2021 19:47

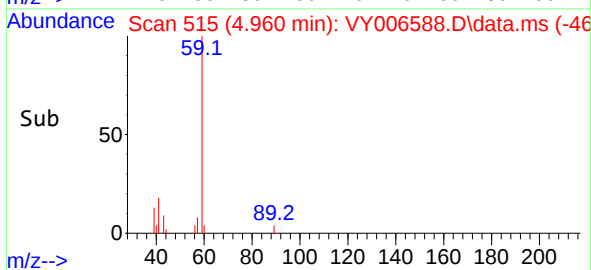
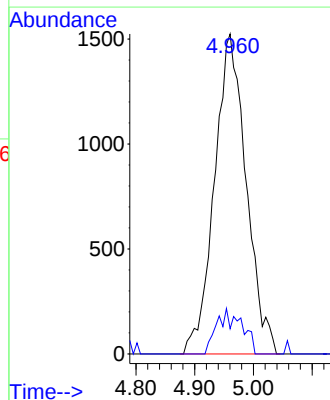
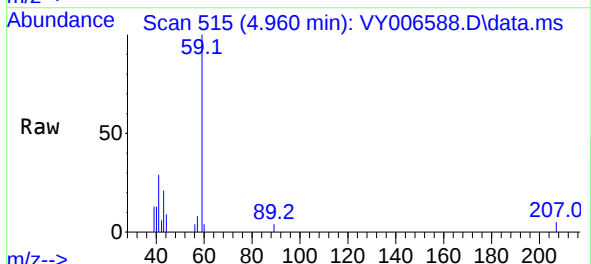
Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-4-20211029-7.5-8S

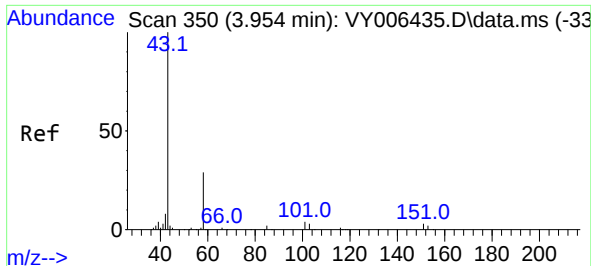
Tgt Ion:168 Resp: 115764
Ion Ratio Lower Upper
168 100
99 57.4 44.8 67.2



#11
Tert butyl alcohol
Concen: 44.222 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY006588.D
Acq: 02 Nov 2021 19:47

Tgt Ion: 59 Resp: 5723
Ion Ratio Lower Upper
59 100
57 3.8 8.2 12.4#

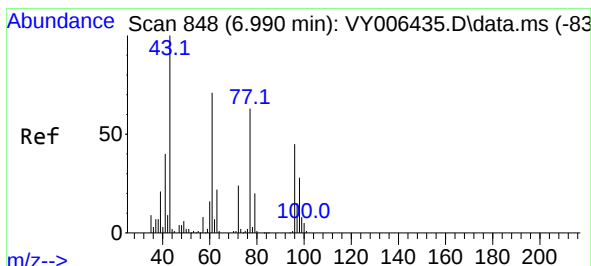
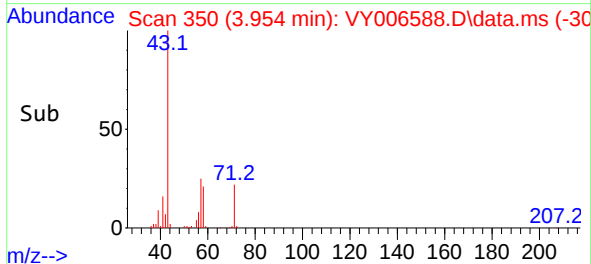
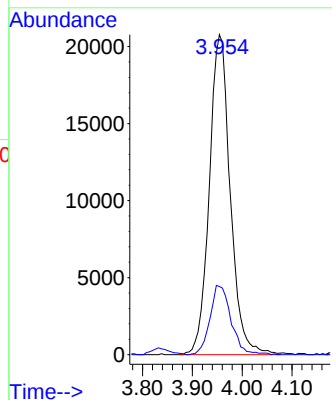
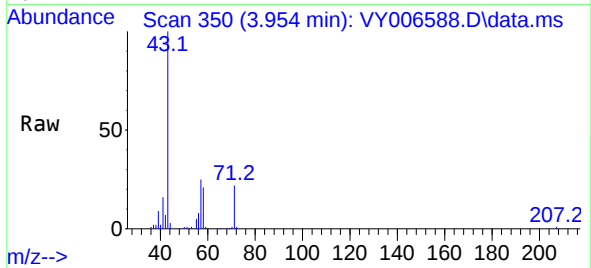




#16
Acetone
Concen: 147.613 ug/l
RT: 3.954 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY006588.D
Acq: 02 Nov 2021 19:47

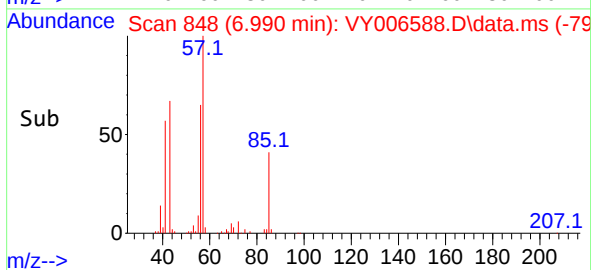
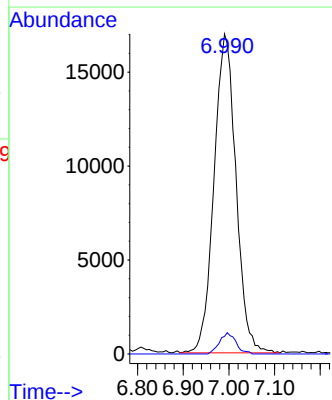
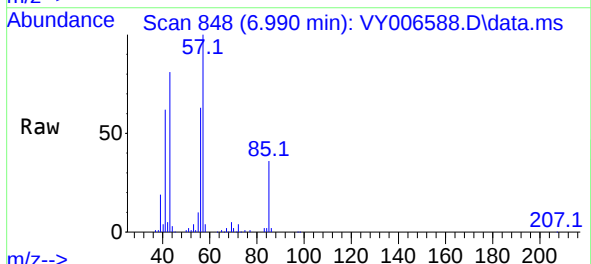
Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-4-20211029-7.5-8S

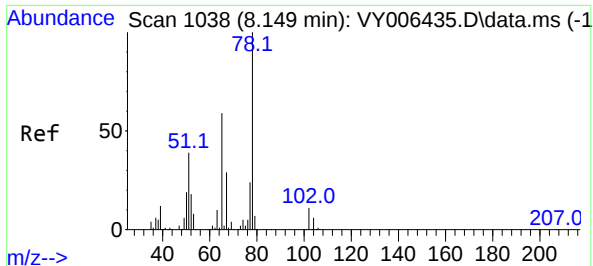
Tgt Ion: 43 Resp: 60550
Ion Ratio Lower Upper
43 100
58 21.3 22.9 34.3#



#25
2-Butanone
Concen: 105.409 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY006588.D
Acq: 02 Nov 2021 19:47

Tgt Ion: 43 Resp: 56646
Ion Ratio Lower Upper
43 100
72 5.5 18.9 28.3#





#33

1,2-Dichloroethane-d4

Concen: 56.053 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY006588.D

Acq: 02 Nov 2021 19:47

Instrument :

MSVOA_Y

ClientSampleId :

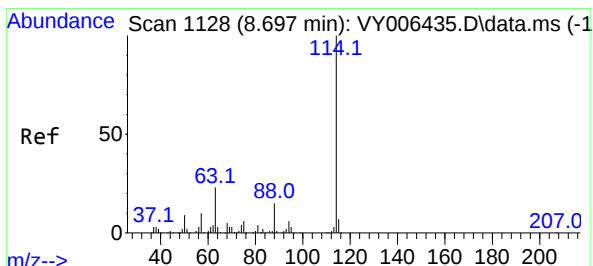
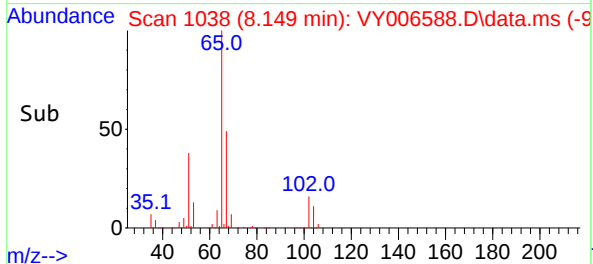
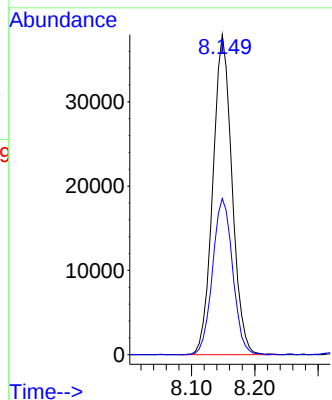
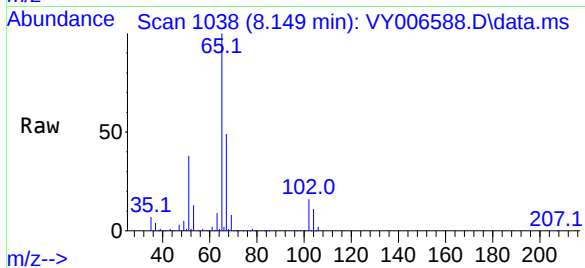
FDR-BH-4-20211029-7.5-8S

Tgt Ion: 65 Resp: 79850

Ion Ratio Lower Upper

65 100

67 51.0 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: VY006588.D

Acq: 02 Nov 2021 19:47

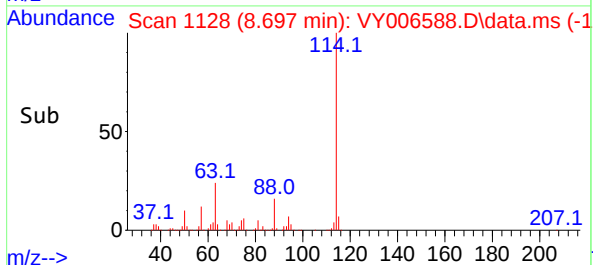
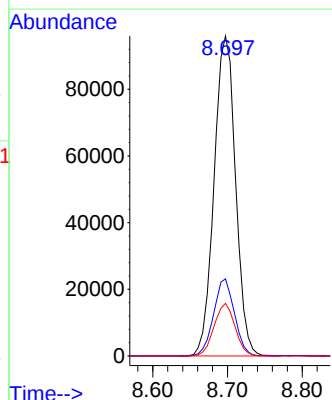
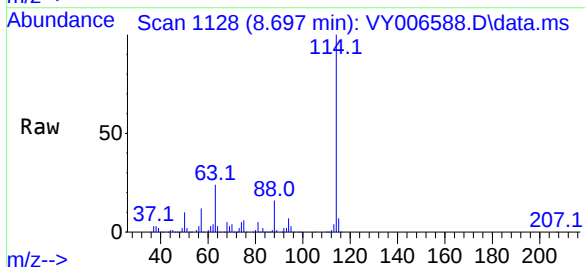
Tgt Ion: 114 Resp: 191404

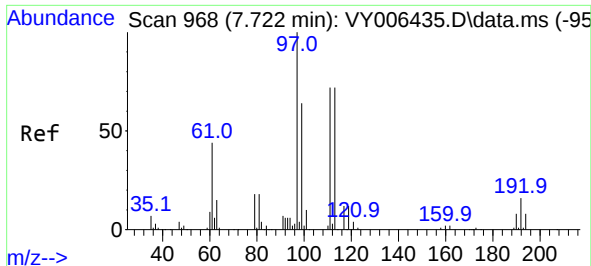
Ion Ratio Lower Upper

114 100

63 24.1 0.0 45.0

88 16.4 0.0 30.6

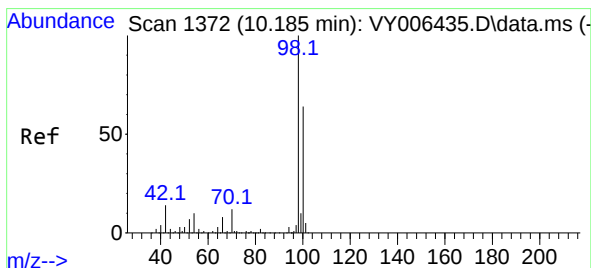
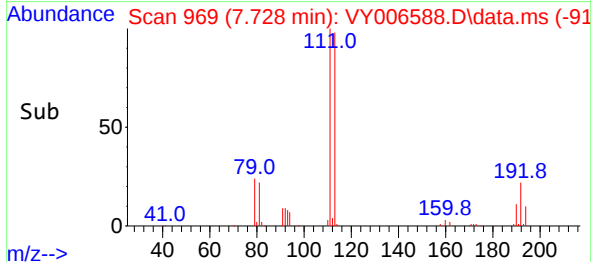
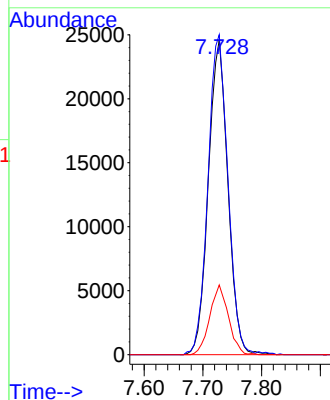
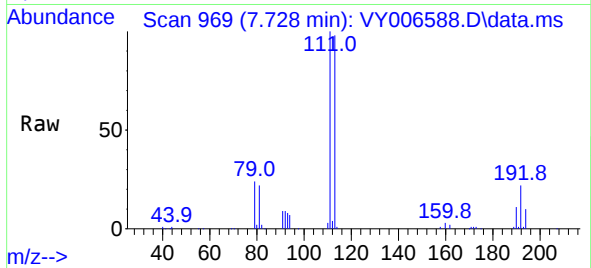




#35
Dibromofluoromethane
Concen: 53.257 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006588.D
Acq: 02 Nov 2021 19:47

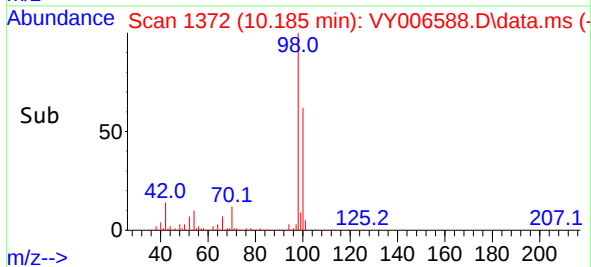
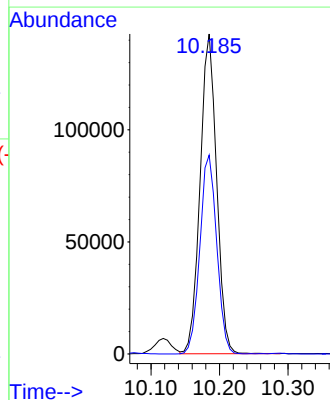
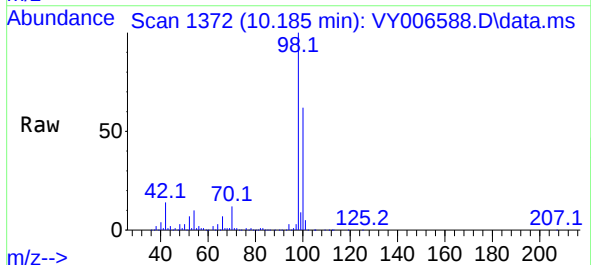
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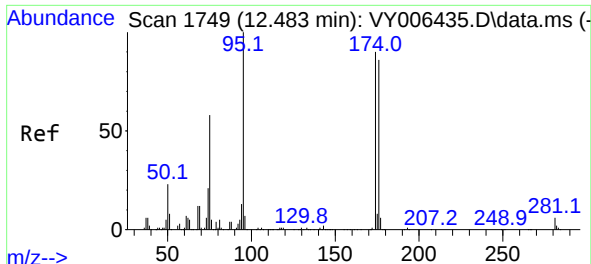
Tgt Ion:113 Resp: 56816
Ion Ratio Lower Upper
113 100
111 103.5 82.3 123.5
192 21.1 17.4 26.2



#50
Toluene-d8
Concen: 52.892 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006588.D
Acq: 02 Nov 2021 19:47

Tgt Ion: 98 Resp: 239203
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3

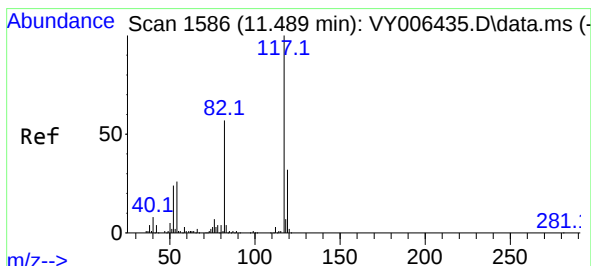
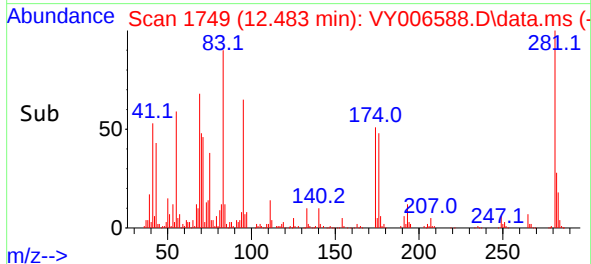
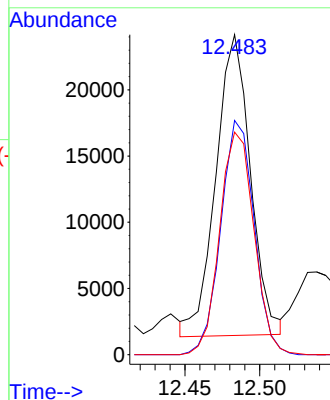
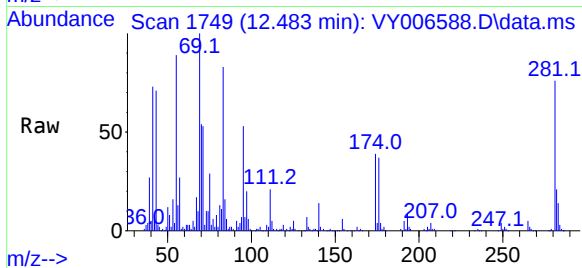




#62
4-Bromofluorobenzene
Concen: 23.926 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006588.D
Acq: 02 Nov 2021 19:47

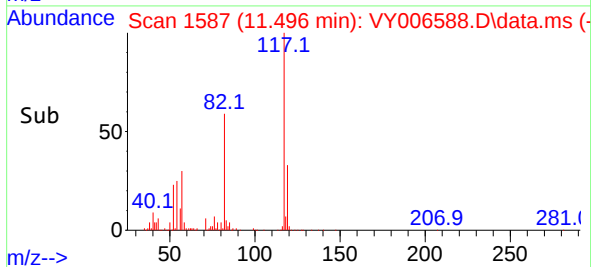
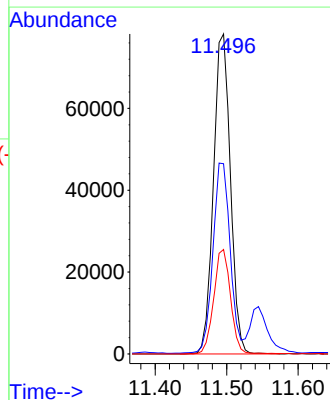
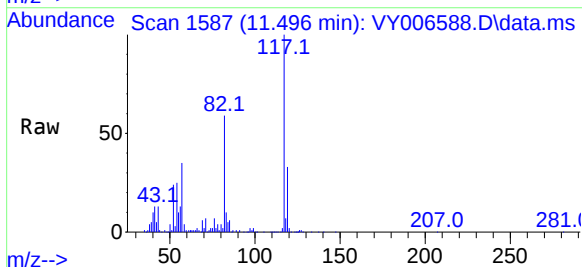
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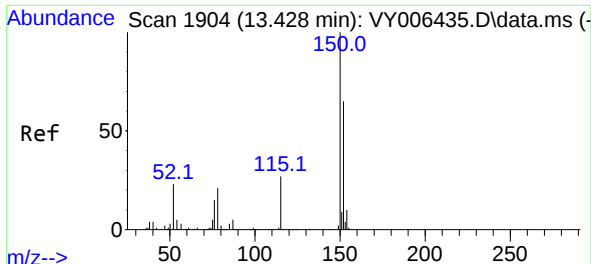
Tgt Ion: 95	Resp: 36450
Ion Ratio	Lower Upper
95 100	
174 75.2	0.0 177.0
176 73.6	0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006588.D
Acq: 02 Nov 2021 19:47

Tgt Ion: 117	Resp: 128387
Ion Ratio	Lower Upper
117 100	
82 59.2	45.7 68.5
119 32.6	25.5 38.3

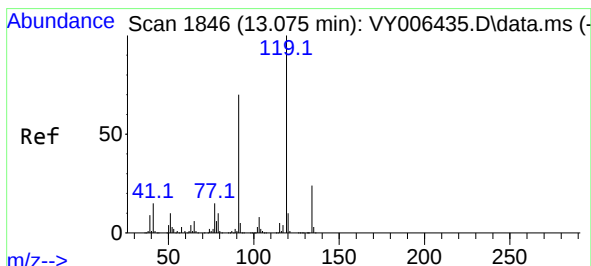
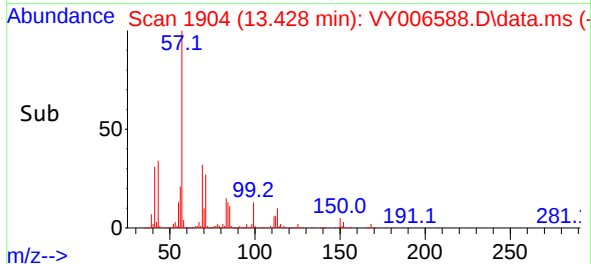
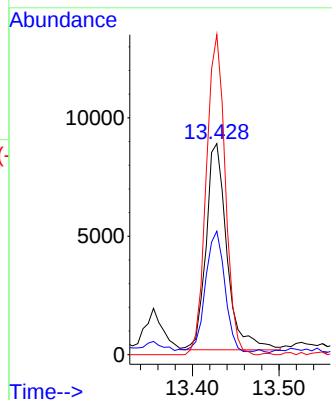
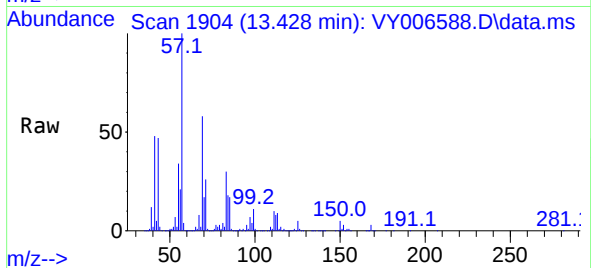




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006588.D
Acq: 02 Nov 2021 19:47

Instrument : MSVOA_Y
ClientSampleId : FDR-BH-4-20211029-7.5-8S

Tgt Ion:152 Resp: 14641
Ion Ratio Lower Upper
152 100
115 53.5 28.5 85.5
150 140.6 0.0 348.2



#83
tert-Butylbenzene
Concen: 3085.821 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY006588.D
Acq: 02 Nov 2021 19:47

Tgt Ion:119 Resp: 2274042
Ion Ratio Lower Upper
119 100
91 71.4 34.8 104.5
134 24.6 13.0 38.9

