

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110221\
 Data File : VY006587.D
 Acq On : 02 Nov 2021 19:23
 Operator : SY/MD
 Sample : M4427-04
 Misc : 4.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Nov 03 02:03:00 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)

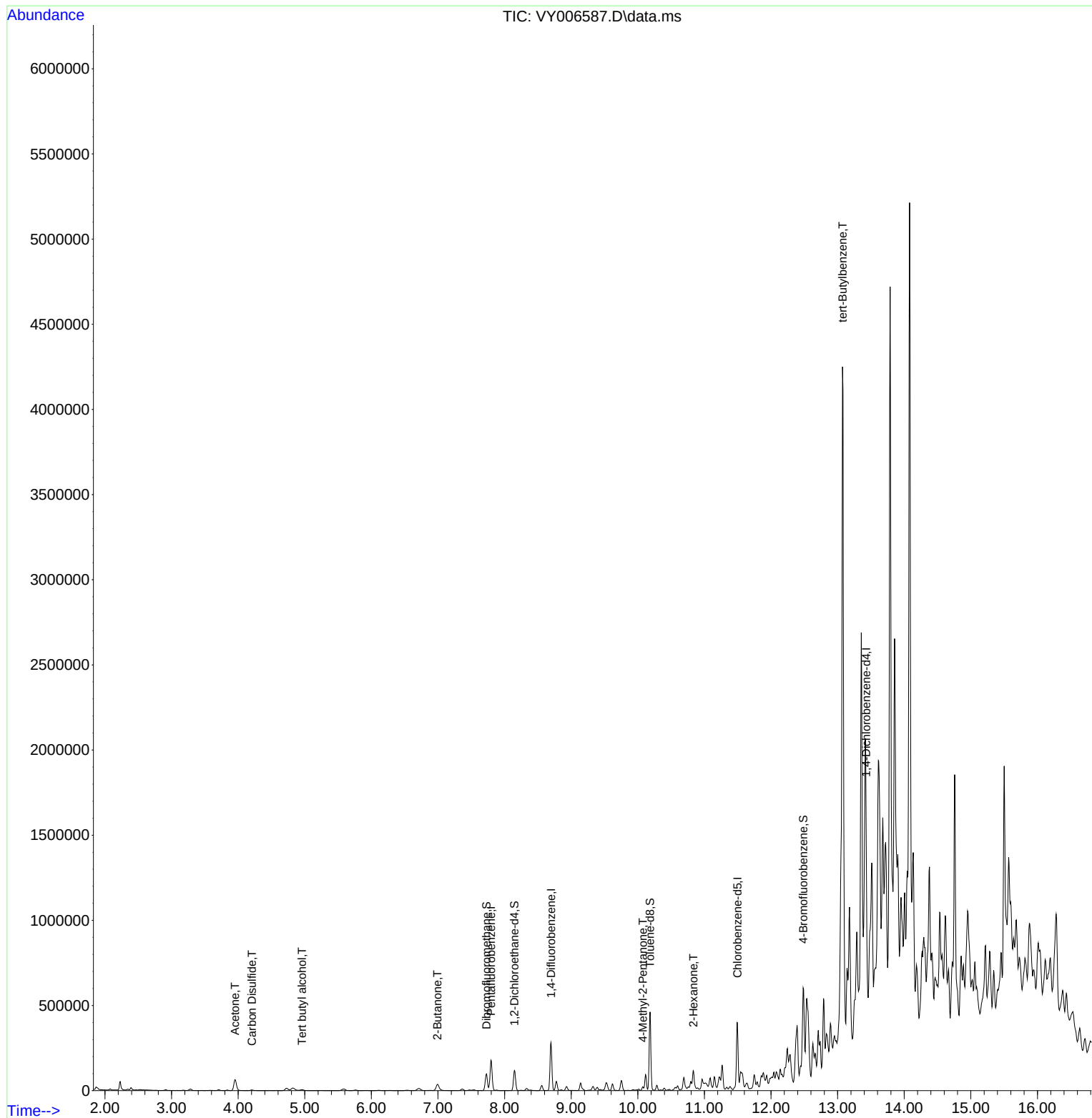
Internal Standards						
1) Pentafluorobenzene	7.795	168	130103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	220605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	187577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	43437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	94975	59.322	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.640%	
35) Dibromofluoromethane	7.728	113	66468	54.057	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.120%	
50) Toluene-d8	10.185	98	288588	55.366	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.740%	
62) 4-Bromofluorobenzene	12.483	95	75053	42.745	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.480%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	10097	69.421	ug/l	99
16) Acetone	3.954	43	109686	237.929	ug/l	97
17) Carbon Disulfide	4.204	76	5947	1.544	ug/l	100
25) 2-Butanone	6.990	43	44021	72.888	ug/l #	87
51) 4-Methyl-2-Pentanone	10.075	43	15003	10.695	ug/l	94
59) 2-Hexanone	10.837	43	9915	9.766	ug/l	84
83) tert-Butylbenzene	13.074	119	1358680	621.442	ug/l	98

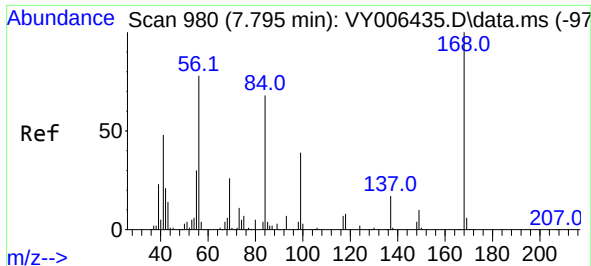
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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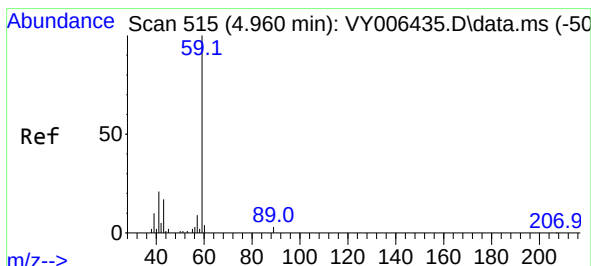
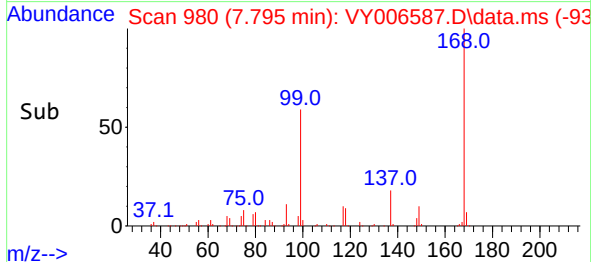
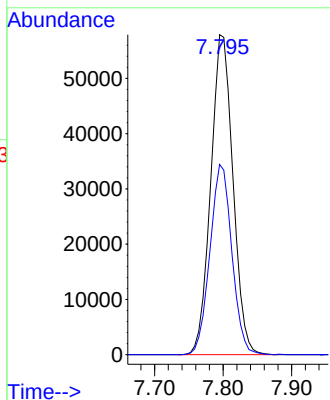
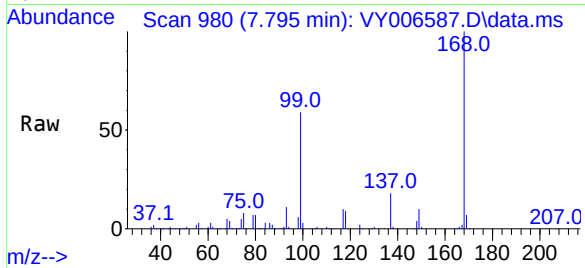




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006587.D
Acq: 02 Nov 2021 19:23

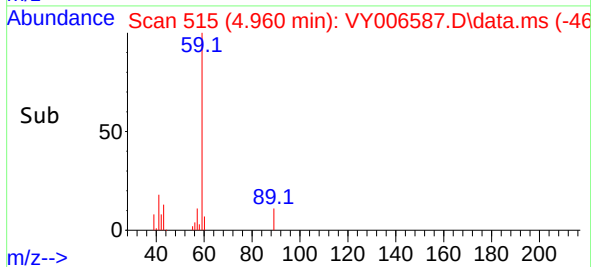
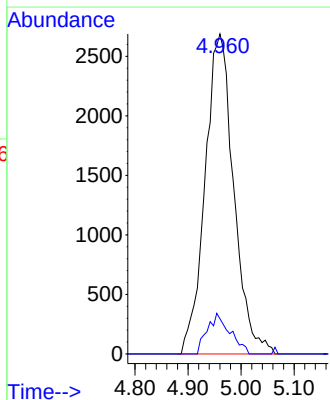
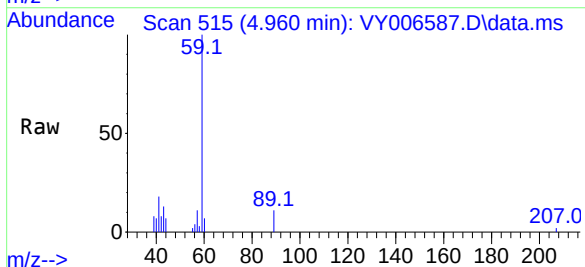
Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-4-20211029-7.5-8M

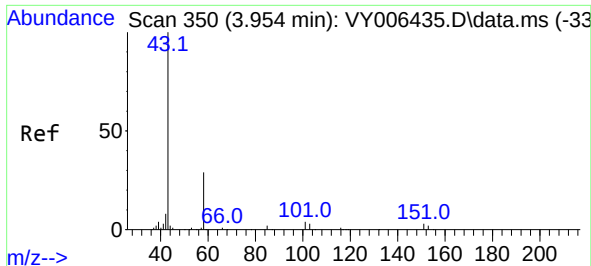
Tgt Ion:168 Resp: 130103
Ion Ratio Lower Upper
168 100
99 59.4 44.8 67.2



#11
Tert butyl alcohol
Concen: 69.421 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY006587.D
Acq: 02 Nov 2021 19:23

Tgt Ion: 59 Resp: 10097
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

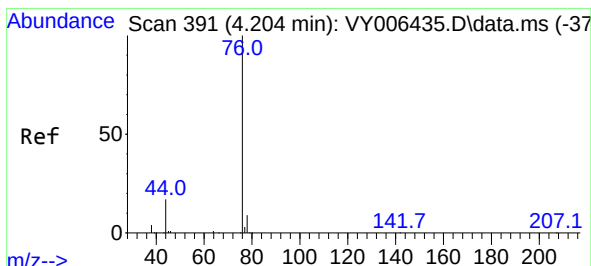
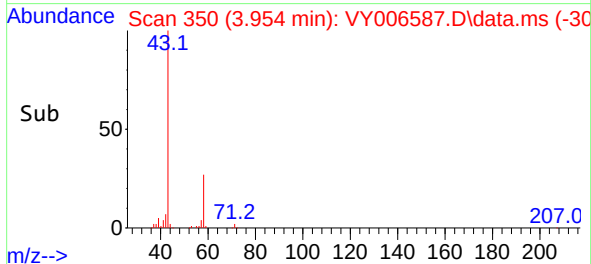
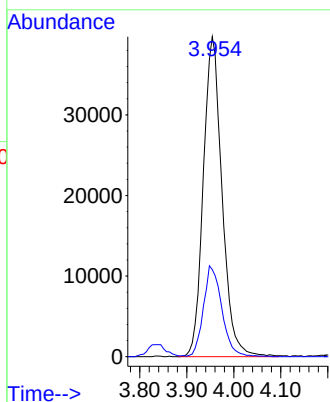
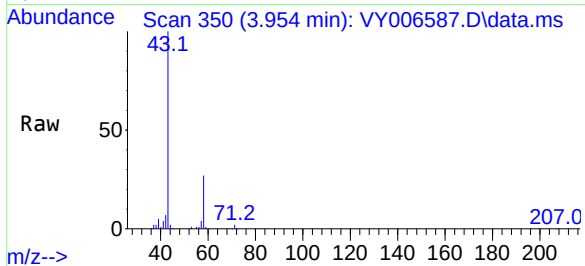




#16
Acetone
Concen: 237.929 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006587.D
Acq: 02 Nov 2021 19:23

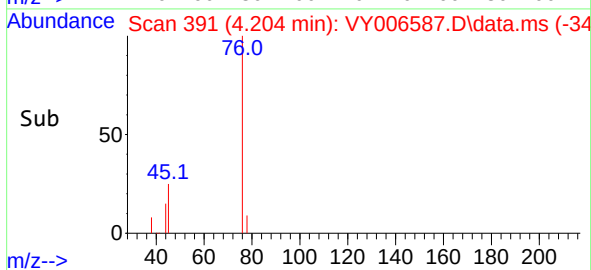
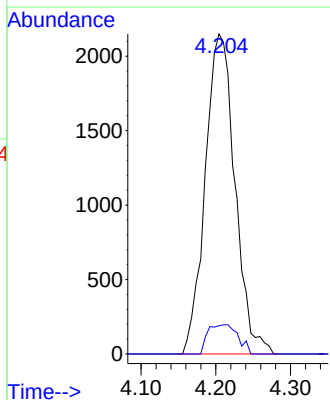
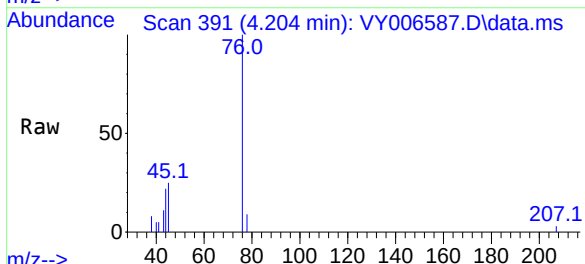
Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-4-20211029-7.5-8M

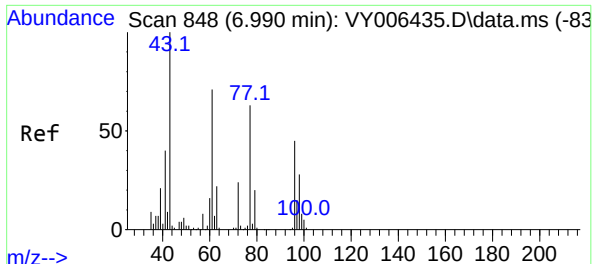
Tgt Ion: 43 Resp: 109686
Ion Ratio Lower Upper
43 100
58 27.2 22.9 34.3



#17
Carbon Disulfide
Concen: 1.544 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY006587.D
Acq: 02 Nov 2021 19:23

Tgt Ion: 76 Resp: 5947
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7





#25

2-Butanone

Concen: 72.888 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.000 min

Lab File: VY006587.D

Acq: 02 Nov 2021 19:23

Instrument :

MSVOA_Y

ClientSampleId :

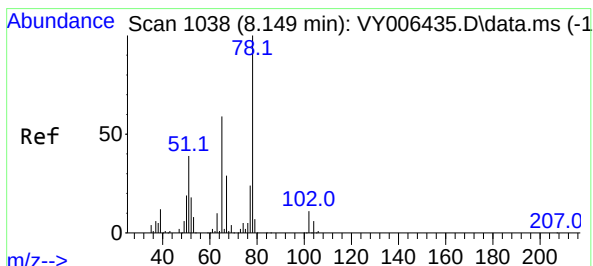
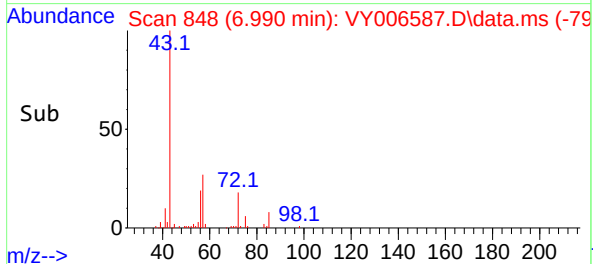
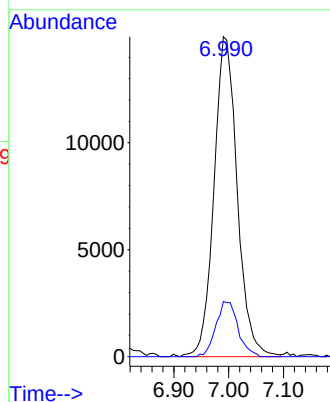
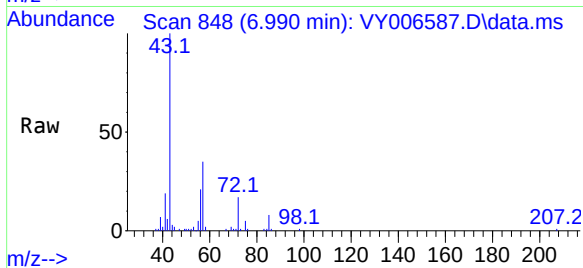
FDR-BH-4-20211029-7.5-8M

Tgt Ion: 43 Resp: 44021

Ion Ratio Lower Upper

43 100

72 17.3 18.9 28.3#



#33

1,2-Dichloroethane-d4

Concen: 59.322 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY006587.D

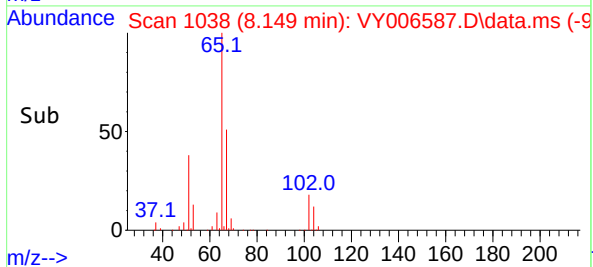
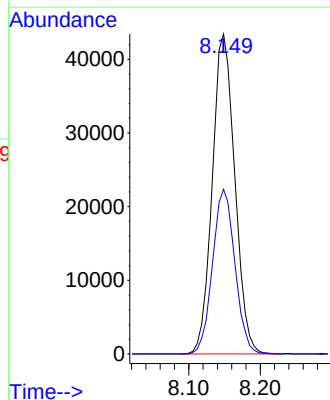
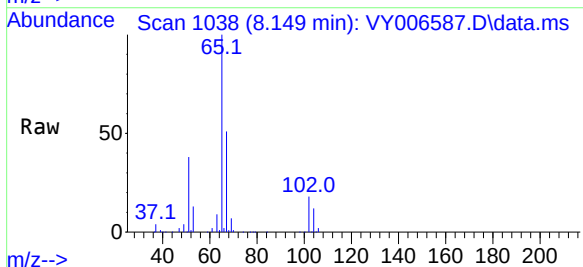
Acq: 02 Nov 2021 19:23

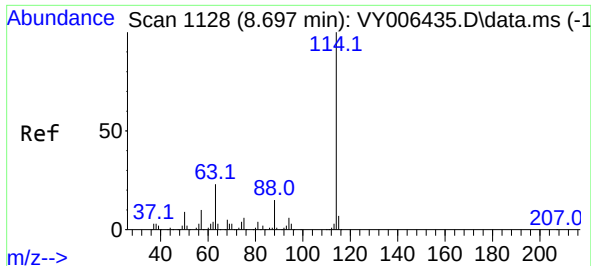
Tgt Ion: 65 Resp: 94975

Ion Ratio Lower Upper

65 100

67 51.1 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: VY006587.D

Acq: 02 Nov 2021 19:23

Instrument :

MSVOA_Y

ClientSampleId :

FDR-BH-4-20211029-7.5-8M

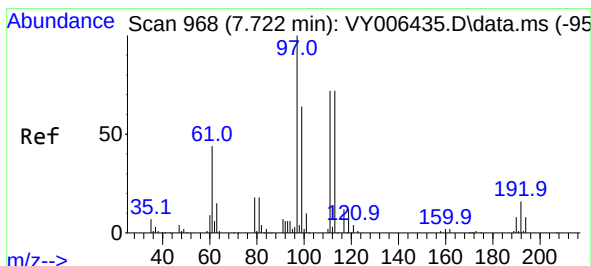
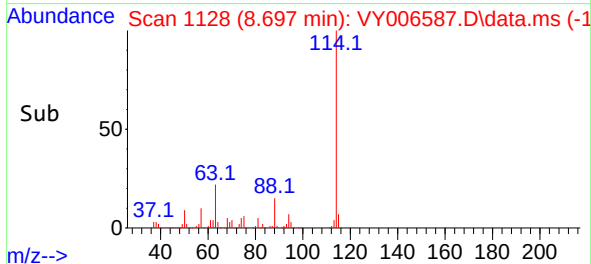
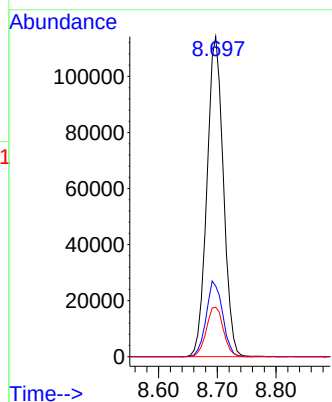
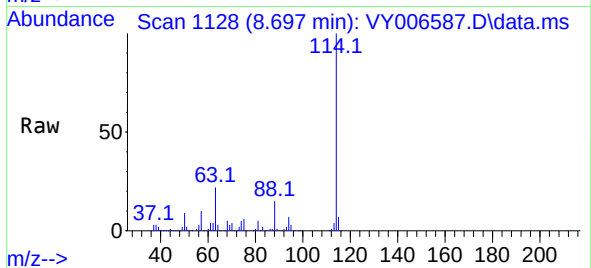
Tgt Ion:114 Resp: 220605

Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.0

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.057 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006587.D

Acq: 02 Nov 2021 19:23

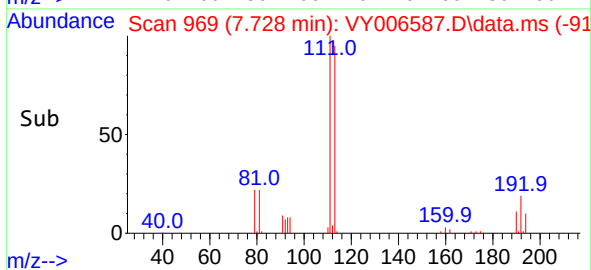
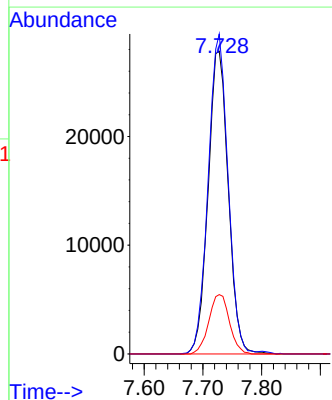
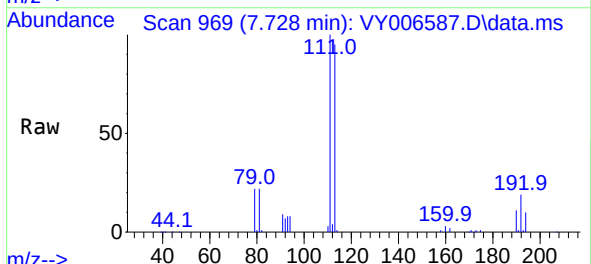
Tgt Ion:113 Resp: 66468

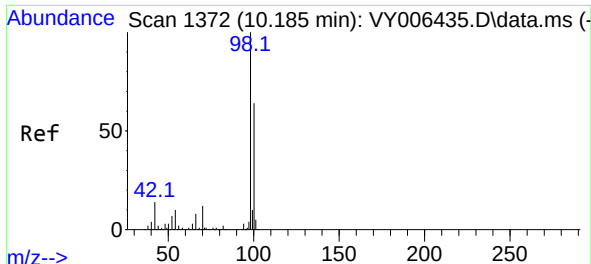
Ion Ratio Lower Upper

113 100

111 103.8 82.3 123.5

192 20.0 17.4 26.2

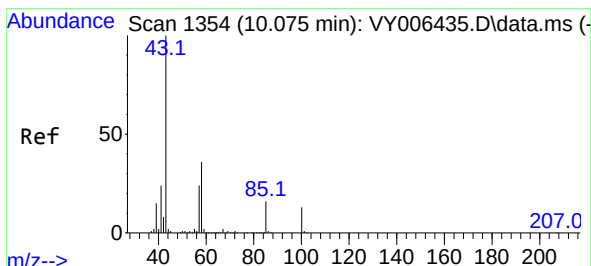
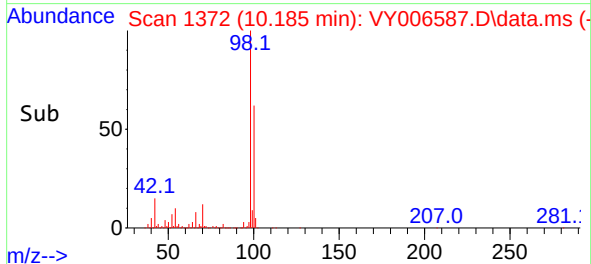
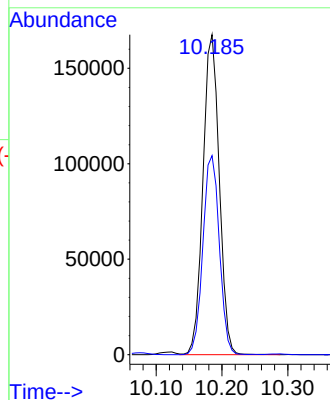
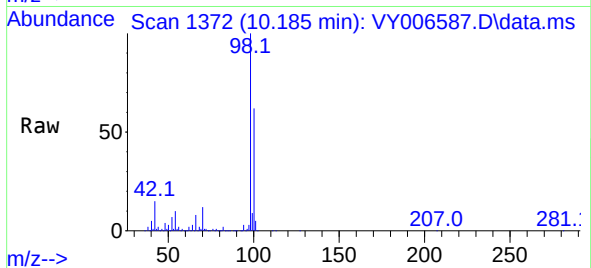




#50
Toluene-d8
Concen: 55.366 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006587.D
Acq: 02 Nov 2021 19:23

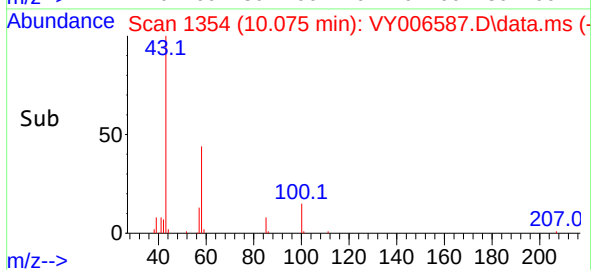
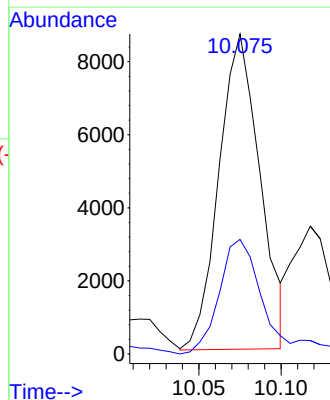
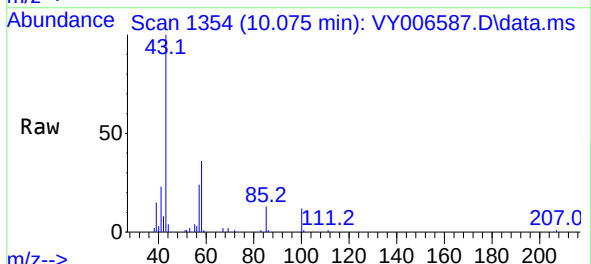
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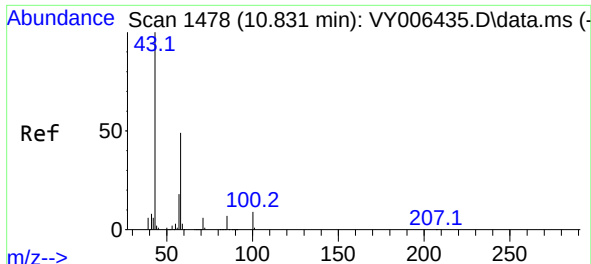
Tgt Ion: 98 Resp: 288588
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 10.695 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY006587.D
Acq: 02 Nov 2021 19:23

Tgt Ion: 43 Resp: 15003
Ion Ratio Lower Upper
43 100
58 39.6 28.7 43.1

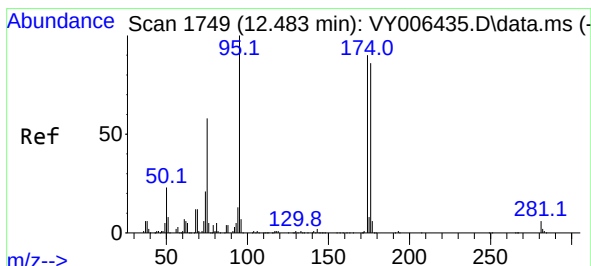
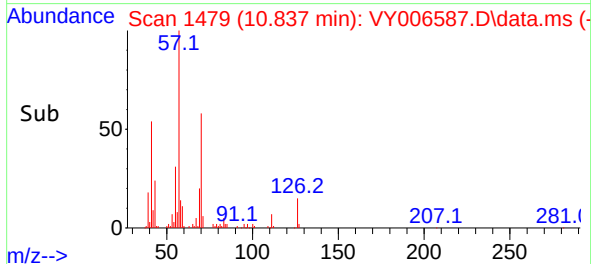
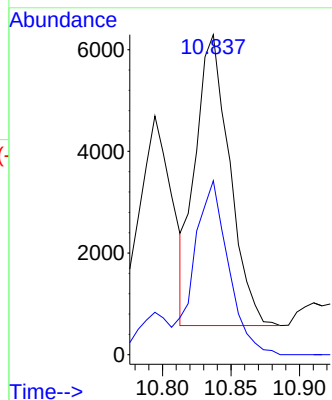
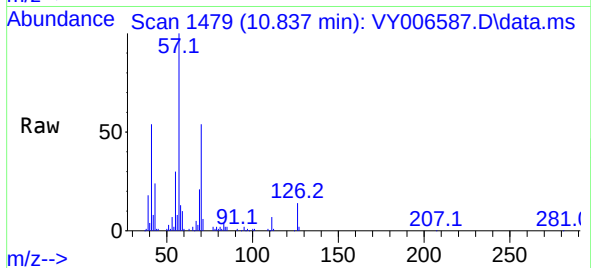




#59
2-Hexanone
Concen: 9.766 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY006587.D
Acq: 02 Nov 2021 19:23

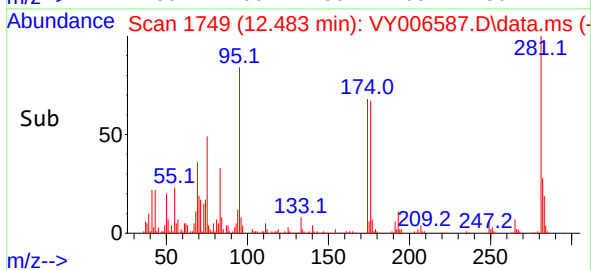
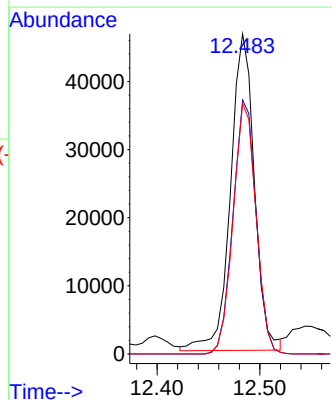
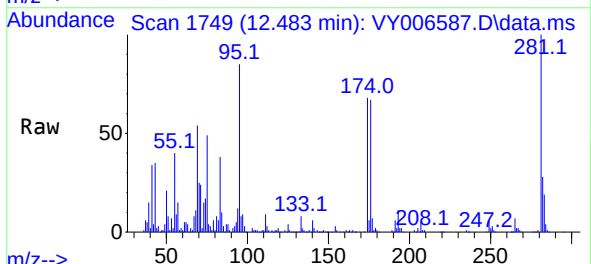
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ClientSampleId : FDR-BH-4-20211029-7.5-8M

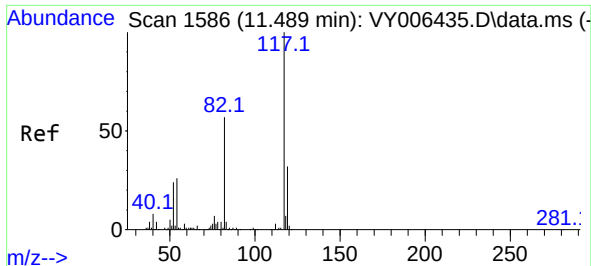
Tgt Ion: 43 Resp: 9915
Ion Ratio Lower Upper
43 100
58 59.9 24.6 73.6



#62
4-Bromofluorobenzene
Concen: 42.745 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006587.D
Acq: 02 Nov 2021 19:23

Tgt Ion: 95 Resp: 75053
Ion Ratio Lower Upper
95 100
174 77.1 0.0 177.0
176 76.0 0.0 169.4

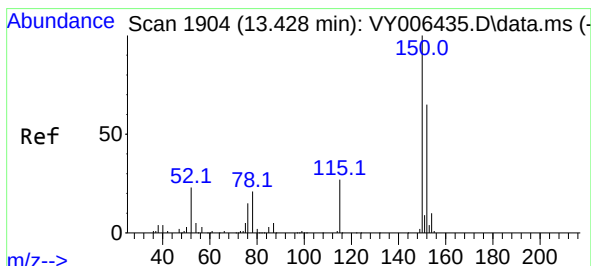
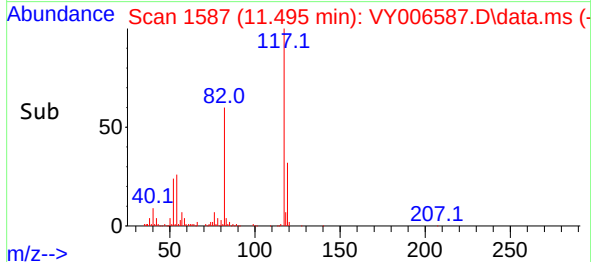
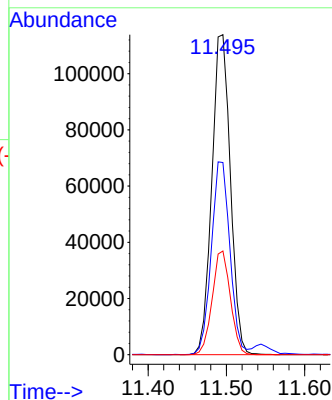
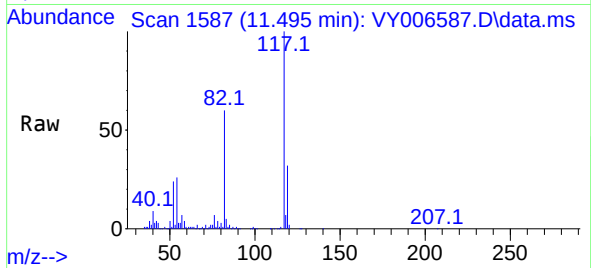




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY006587.D
Acq: 02 Nov 2021 19:23

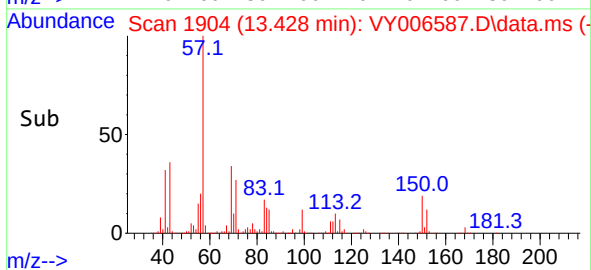
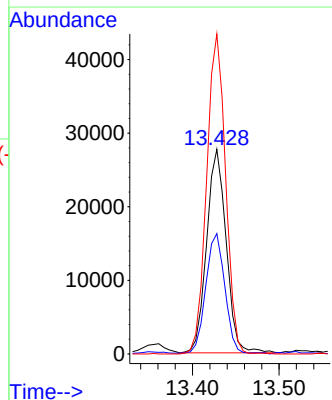
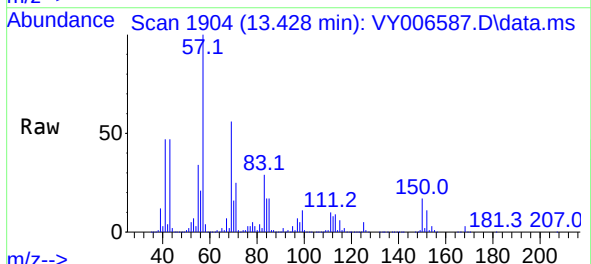
Instrument :
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ClientSampleId :
FDR-BH-4-20211029-7.5-8M

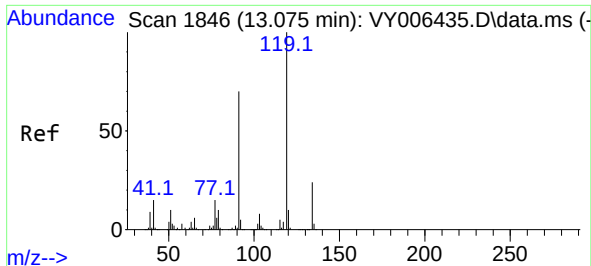
Tgt Ion:	117	Resp:	187577
Ion	Ratio	Lower	Upper
117	100		
82	60.0	45.7	68.5
119	32.4	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006587.D
Acq: 02 Nov 2021 19:23

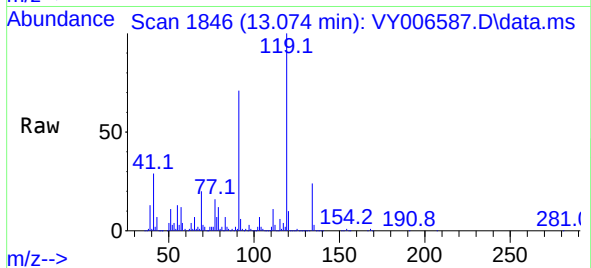
Tgt Ion:	152	Resp:	43437
Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.5	85.5
150	152.0	0.0	348.2





#83
tert-Butylbenzene
Concen: 621.442 ug/l
RT: 13.074 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006587.D
Acq: 02 Nov 2021 19:23

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



Tgt Ion:119 Resp: 1358680
Ion Ratio Lower Upper
119 100
91 71.5 34.8 104.5
134 24.4 13.0 38.9

