

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110221\
 Data File : VY006591.D
 Acq On : 02 Nov 2021 20:57
 Operator : SY/MD
 Sample : M4427-08
 Misc : 2.90G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FDR-BH-2-20211029-6.5-7

Quant Time: Nov 03 02:03:42 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)

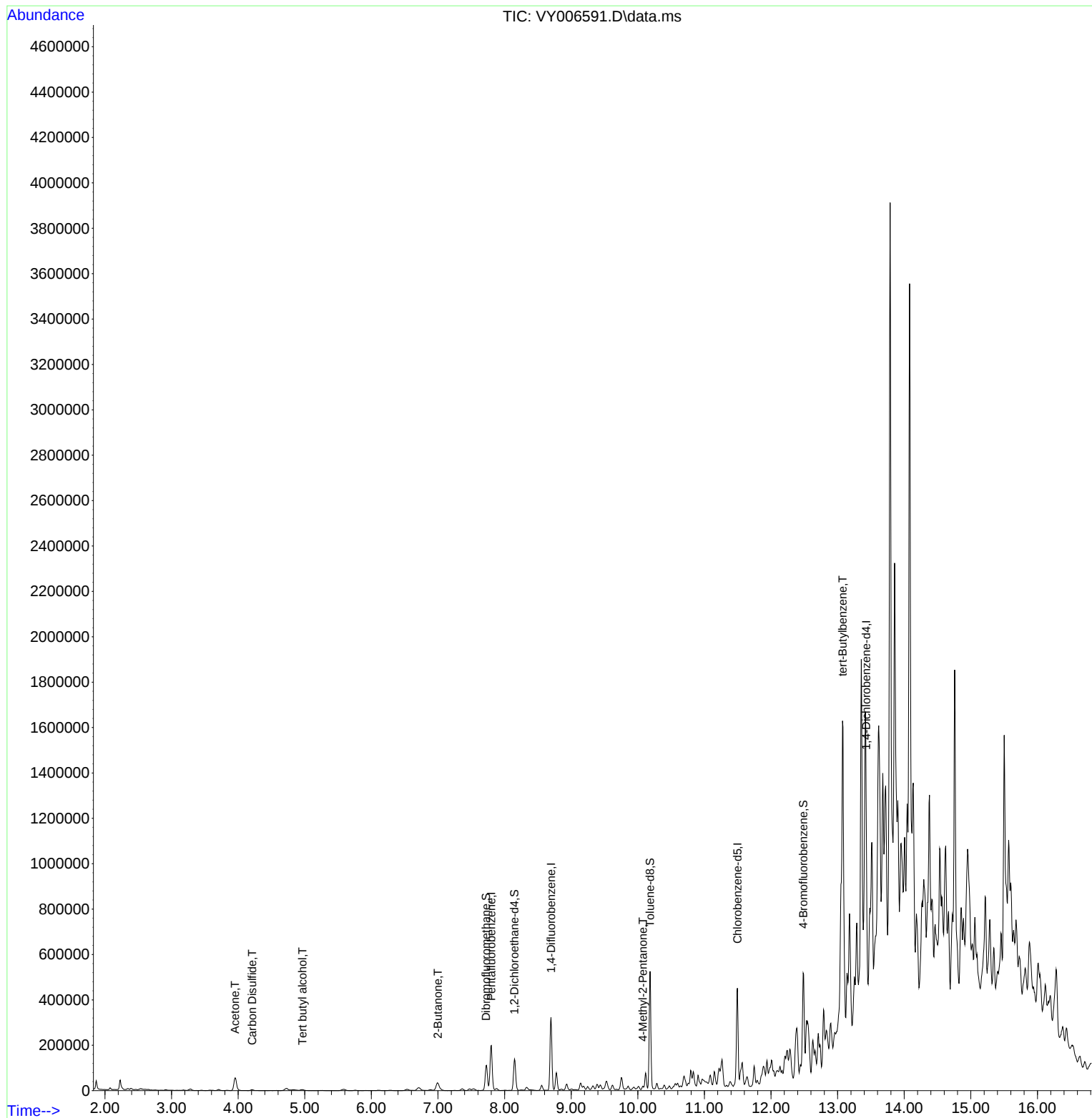
Internal Standards						
1) Pentafluorobenzene	7.801	168	149856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	250647	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	205826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	52218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	107490	58.289	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.580%	
35) Dibromofluoromethane	7.722	113	77140	55.217	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.440%	
50) Toluene-d8	10.185	98	322022	54.375	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.760%	
62) 4-Bromofluorobenzene	12.483	95	80936	40.570	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 81.140%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	8443	50.398	ug/l	98
16) Acetone	3.954	43	95164	179.218	ug/l	97
17) Carbon Disulfide	4.210	76	5175	1.166	ug/l #	93
25) 2-Butanone	6.996	43	36841	52.959	ug/l #	84
51) 4-Methyl-2-Pentanone	10.075	43	10489	6.581	ug/l	98
83) tert-Butylbenzene	13.075	119	401971	152.939	ug/l	97

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

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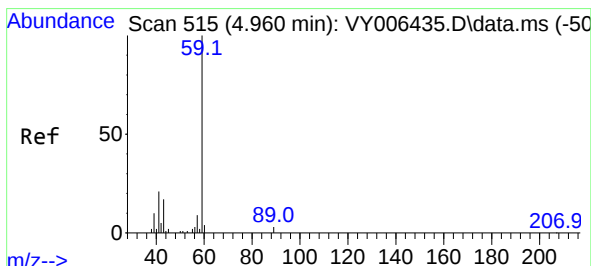
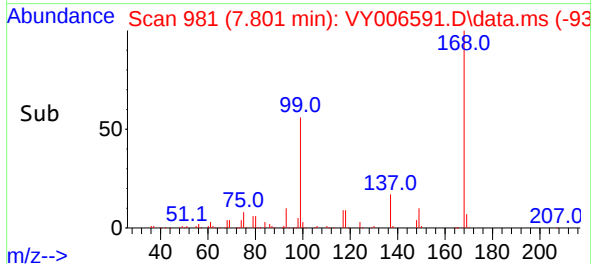
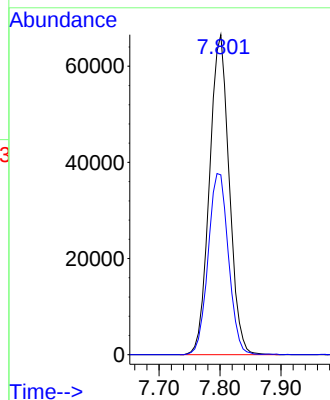
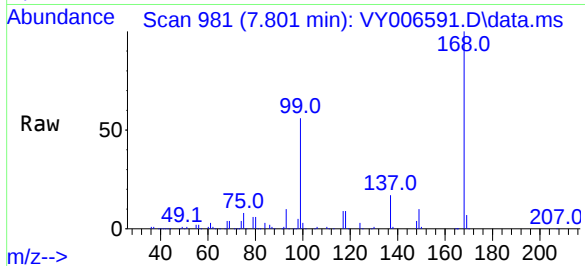




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006591.D
Acq: 02 Nov 2021 20:57

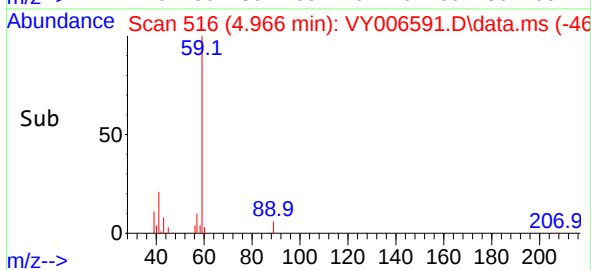
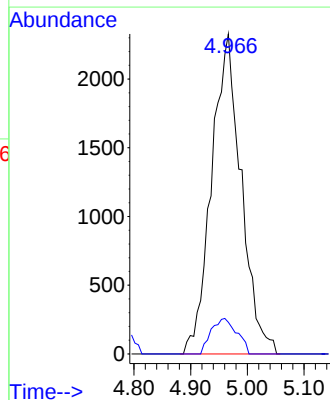
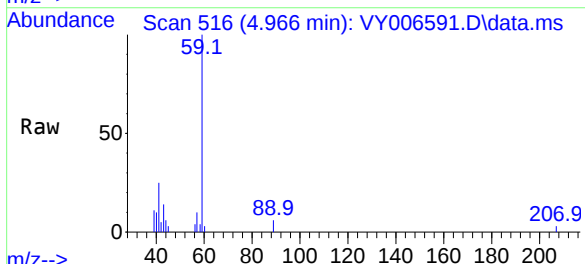
Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-2-20211029-6.5-7

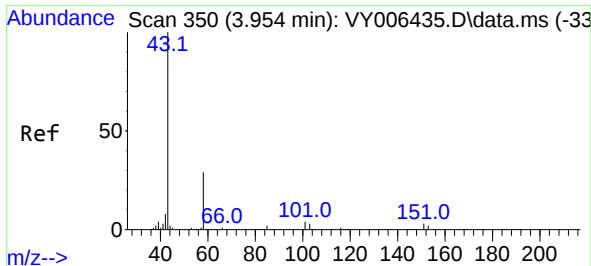
Tgt Ion:168 Resp: 149856
Ion Ratio Lower Upper
168 100
99 56.2 44.8 67.2



#11
Tert butyl alcohol
Concen: 50.398 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY006591.D
Acq: 02 Nov 2021 20:57

Tgt Ion: 59 Resp: 8443
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.4

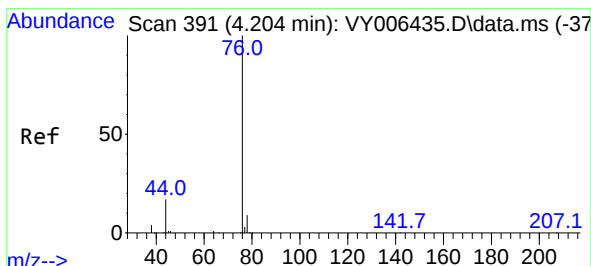
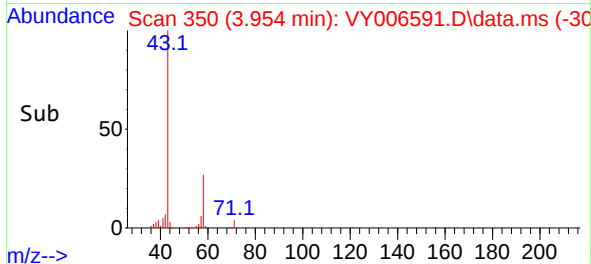
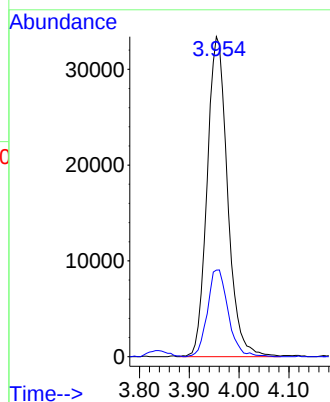
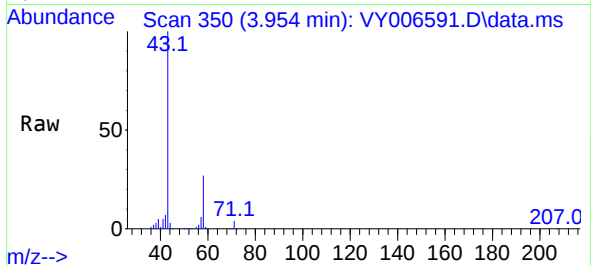




#16
Acetone
Concen: 179.218 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY006591.D
Acq: 02 Nov 2021 20:57

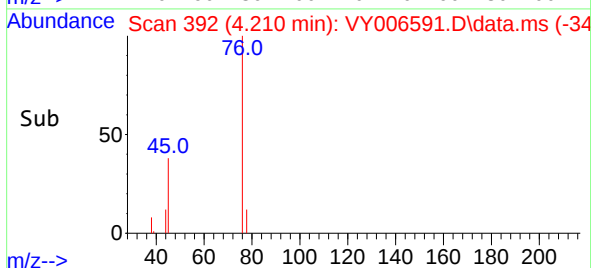
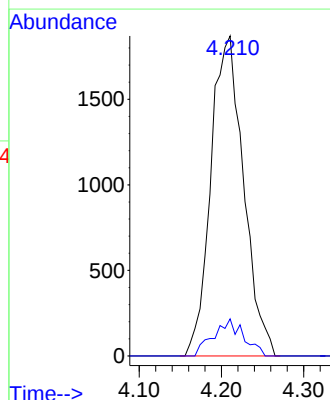
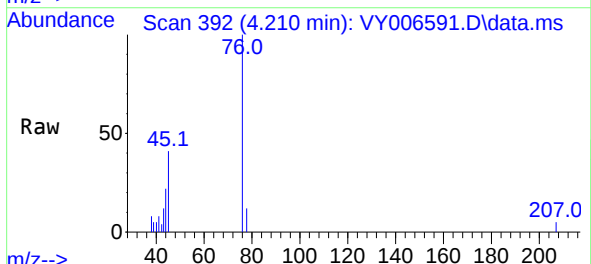
Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-2-20211029-6.5-7

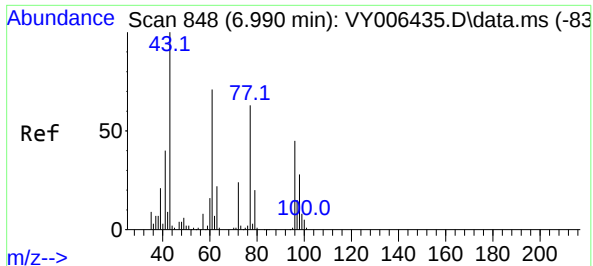
Tgt Ion: 43 Resp: 95164
Ion Ratio Lower Upper
43 100
58 27.1 22.9 34.3



#17
Carbon Disulfide
Concen: 1.166 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY006591.D
Acq: 02 Nov 2021 20:57

Tgt Ion: 76 Resp: 5175
Ion Ratio Lower Upper
76 100
78 11.6 7.1 10.7#





#25

2-Butanone

Concen: 52.959 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY006591.D

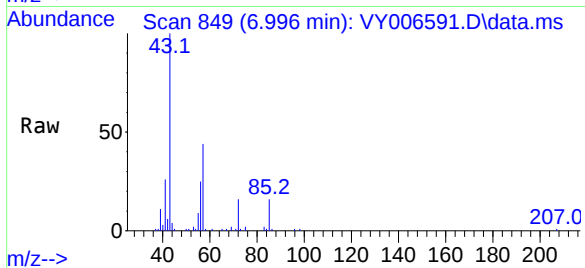
Acq: 02 Nov 2021 20:57

Instrument :

MSVOA_Y

ClientSampleId :

FDR-BH-2-20211029-6.5-7

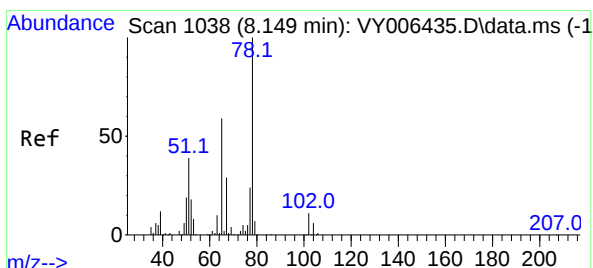
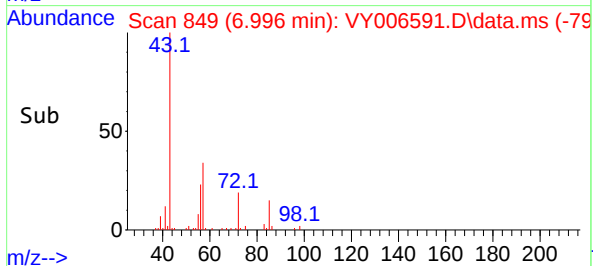
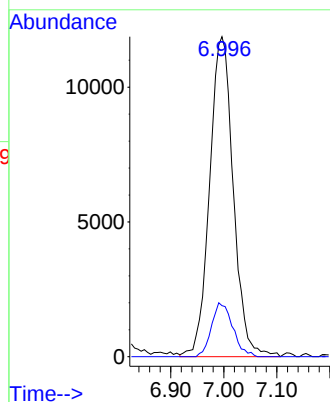


Tgt Ion: 43 Resp: 36841

Ion Ratio Lower Upper

43 100

72 15.9 18.9 28.3#



#33

1,2-Dichloroethane-d4

Concen: 58.289 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY006591.D

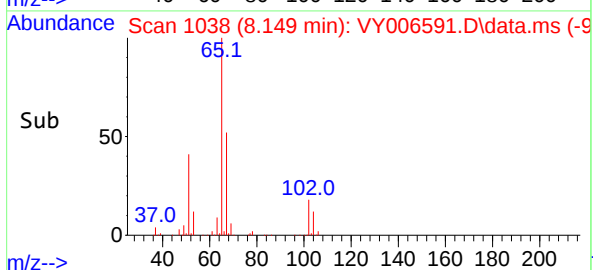
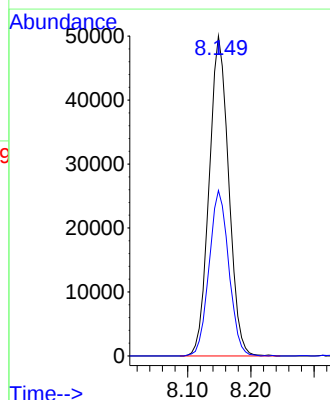
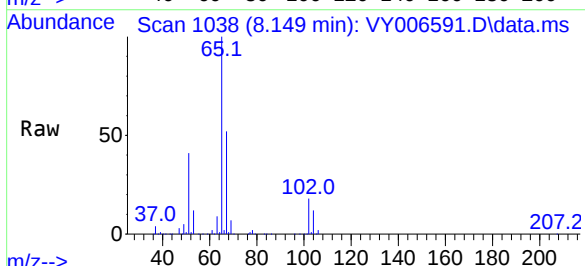
Acq: 02 Nov 2021 20:57

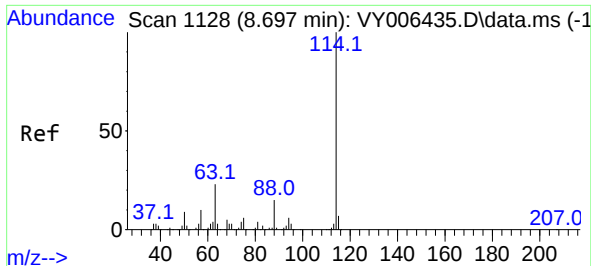
Tgt Ion: 65 Resp: 107490

Ion Ratio Lower Upper

65 100

67 52.1 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: VY006591.D

Acq: 02 Nov 2021 20:57

Instrument :

MSVOA_Y

ClientSampleId :

FDR-BH-2-20211029-6.5-7

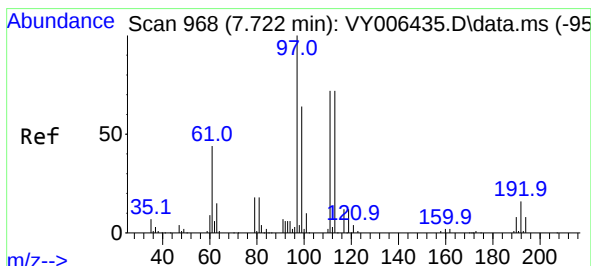
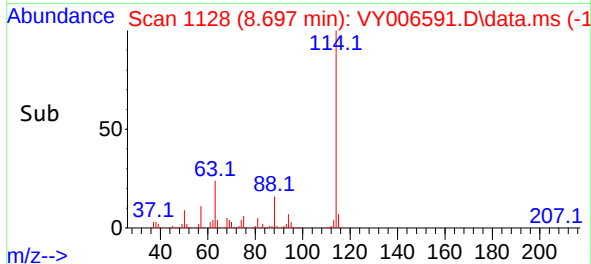
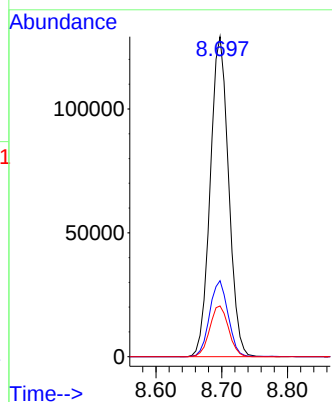
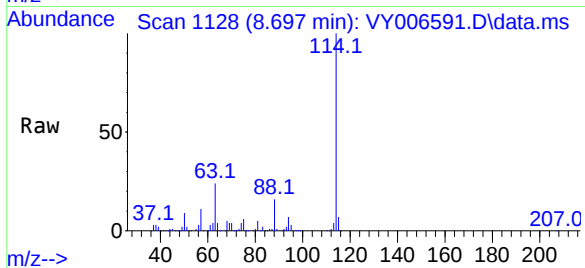
Tgt Ion:114 Resp: 250647

Ion Ratio Lower Upper

114 100

63 23.8 0.0 45.0

88 15.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.217 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY006591.D

Acq: 02 Nov 2021 20:57

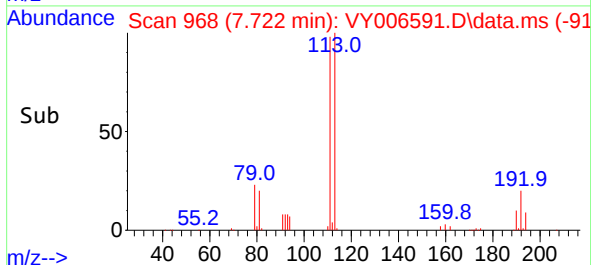
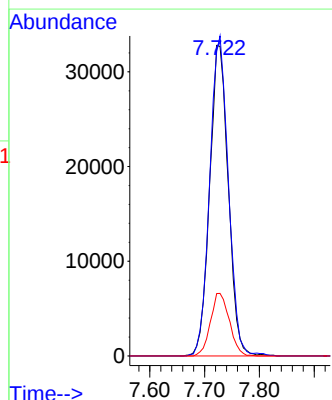
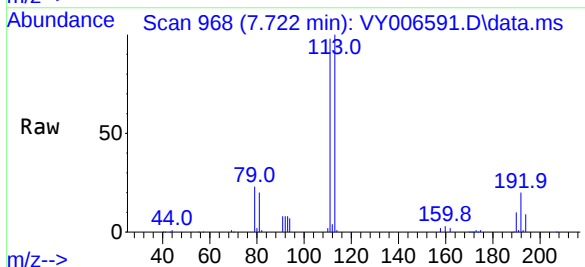
Tgt Ion:113 Resp: 77140

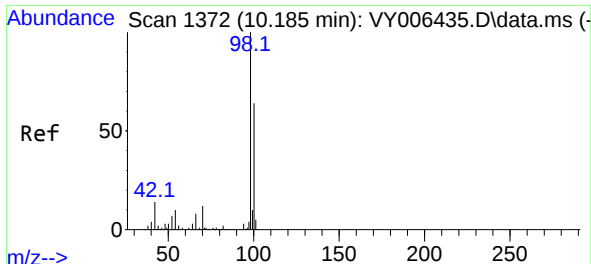
Ion Ratio Lower Upper

113 100

111 103.3 82.3 123.5

192 20.5 17.4 26.2

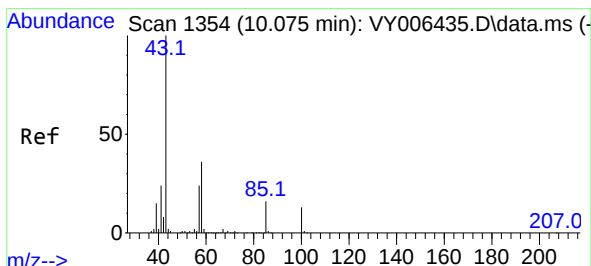
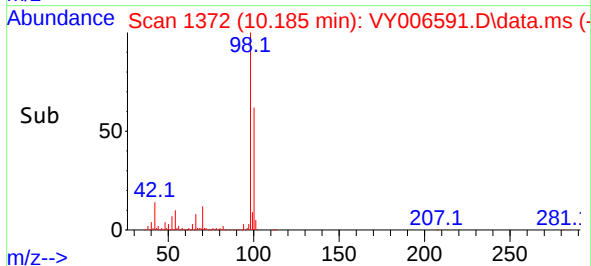
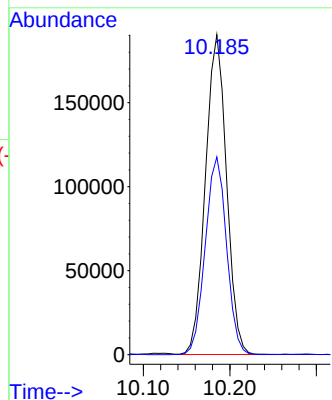
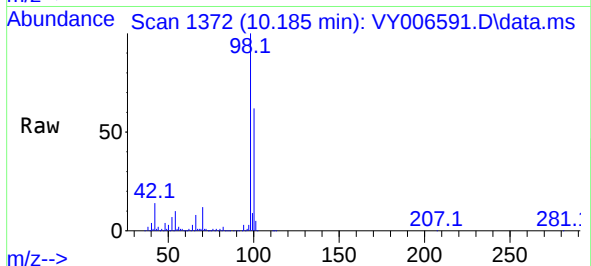




#50
Toluene-d8
Concen: 54.375 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006591.D
Acq: 02 Nov 2021 20:57

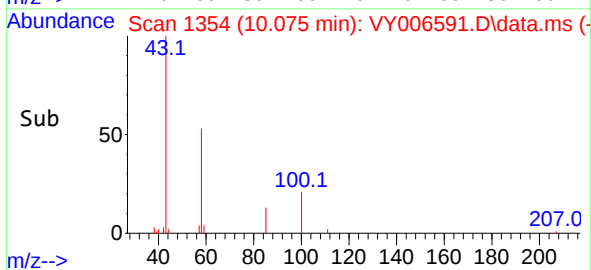
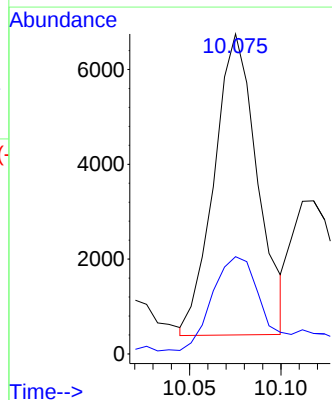
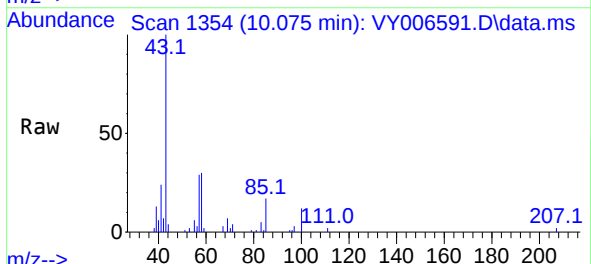
Instrument : MSVOA_Y
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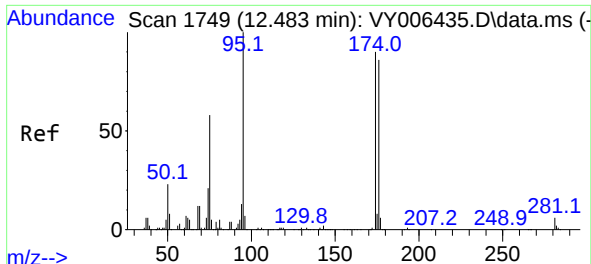
Tgt Ion: 98 Resp: 322022
Ion Ratio Lower Upper
98 100
100 62.5 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 6.581 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY006591.D
Acq: 02 Nov 2021 20:57

Tgt Ion: 43 Resp: 10489
Ion Ratio Lower Upper
43 100
58 35.0 28.7 43.1

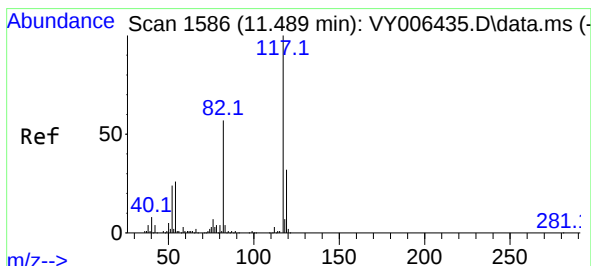
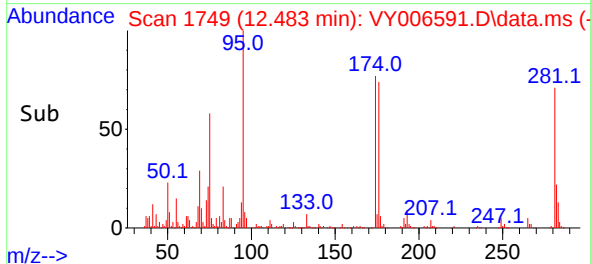
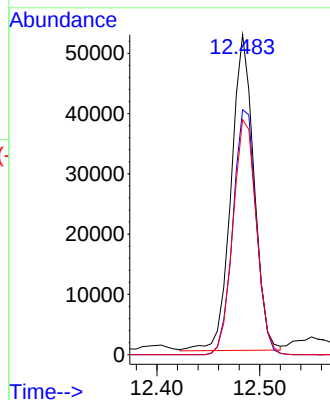
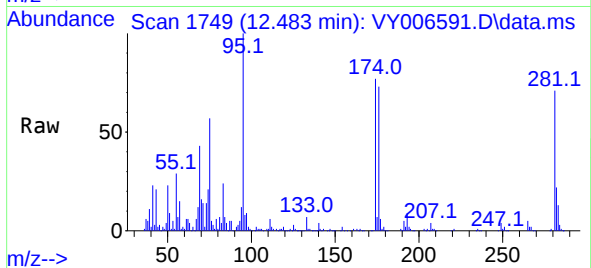




#62
4-Bromofluorobenzene
Concen: 40.570 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006591.D
Acq: 02 Nov 2021 20:57

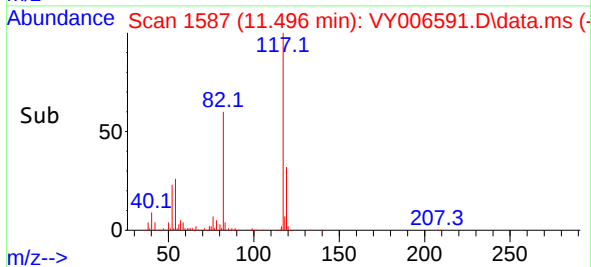
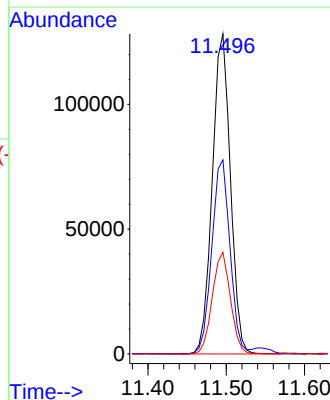
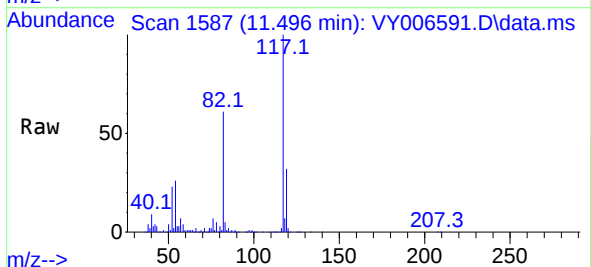
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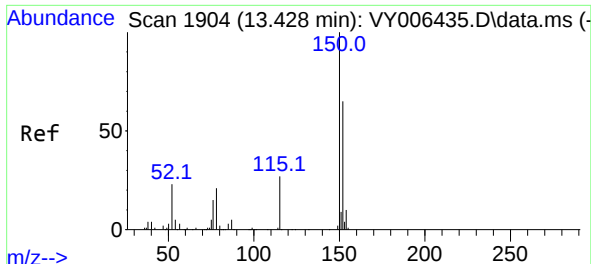
Tgt Ion:	95	Resp:	80936
Ion	Ratio	Lower	Upper
95	100		
174	79.2	0.0	177.0
176	76.5	0.0	169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006591.D
Acq: 02 Nov 2021 20:57

Tgt Ion:	117	Resp:	205826
Ion	Ratio	Lower	Upper
117	100		
82	60.5	45.7	68.5
119	31.7	25.5	38.3

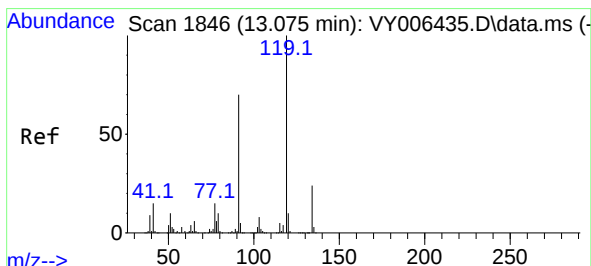
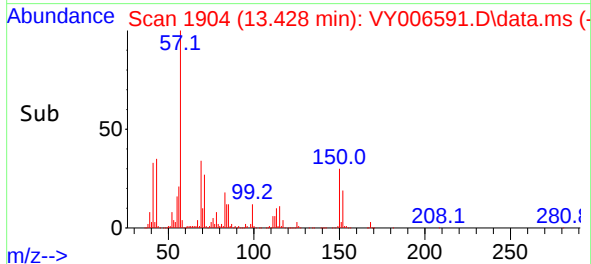
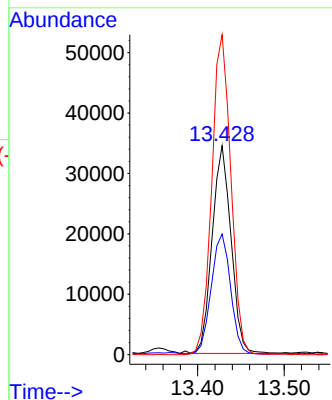
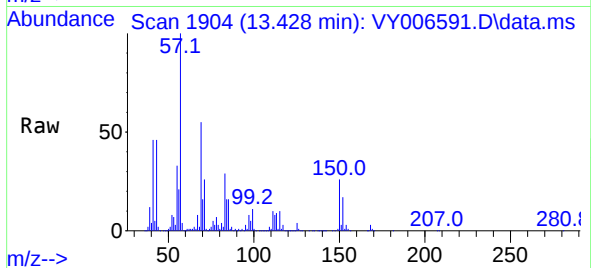




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006591.D
Acq: 02 Nov 2021 20:57

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Tgt Ion:152 Resp: 52218
Ion Ratio Lower Upper
152 100
115 59.2 28.5 85.5
150 155.4 0.0 348.2



#83
tert-Butylbenzene
Concen: 152.939 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY006591.D
Acq: 02 Nov 2021 20:57

Tgt Ion:119 Resp: 401971
Ion Ratio Lower Upper
119 100
91 72.7 34.8 104.5
134 24.4 13.0 38.9

