

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110321\
 Data File : VY006605.D
 Acq On : 03 Nov 2021 16:20
 Operator : SY/MD
 Sample : M4427-05RE
 Misc : 3.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Nov 03 21:21:33 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)

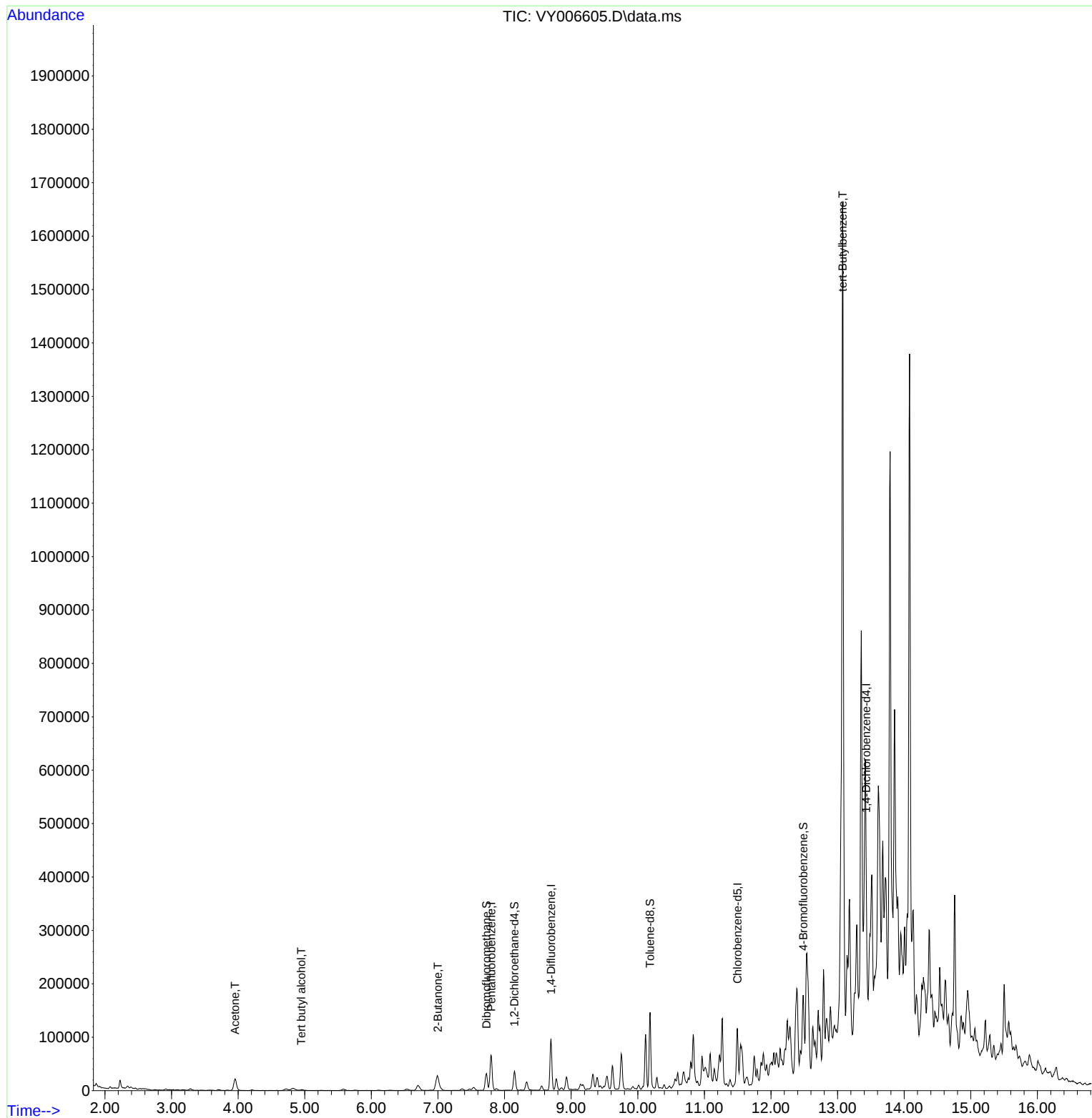
Internal Standards						
1) Pentafluorobenzene	7.801	168	49206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	74936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	43927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	28159	46.504	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.000%
35) Dibromofluoromethane	7.728	113	21521	51.526	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.060%
50) Toluene-d8	10.185	98	89880	50.763	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.520%
62) 4-Bromofluorobenzene	12.483	95	11476	19.241	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	38.480%
Target Compounds						
11) Tert butyl alcohol	4.948	59	3042	55.300	ug/l #	84
16) Acetone	3.954	43	29791	170.864	ug/l	99
25) 2-Butanone	6.996	43	19727	86.362	ug/l #	72
83) tert-Butylbenzene	13.075	119	543174	2283.916	ug/l	98

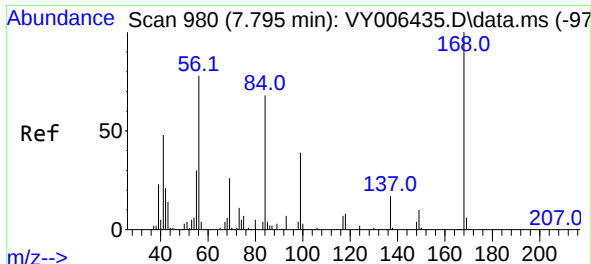
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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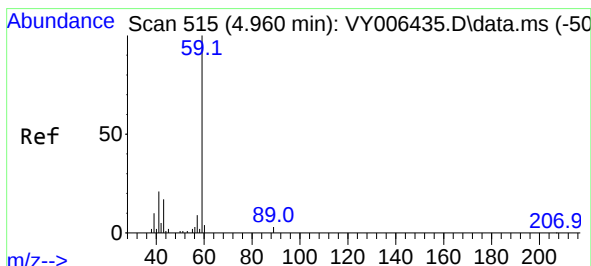
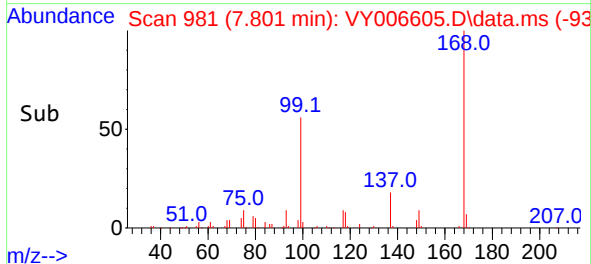
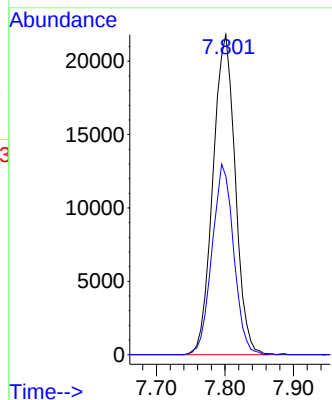
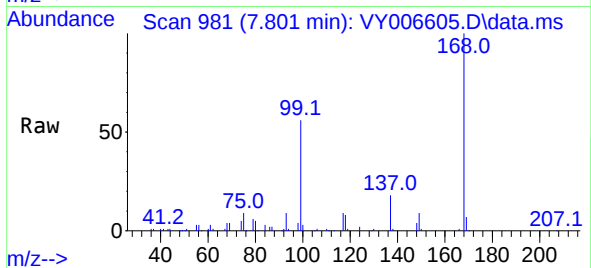




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006605.D
Acq: 03 Nov 2021 16:20

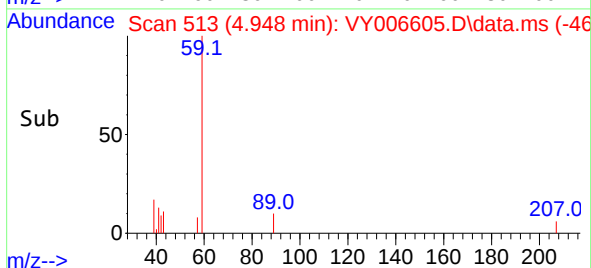
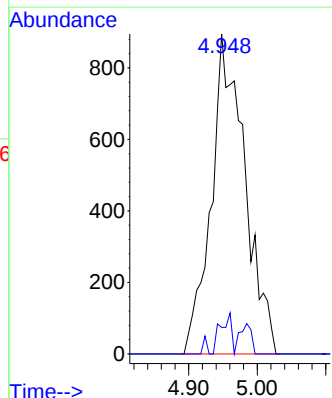
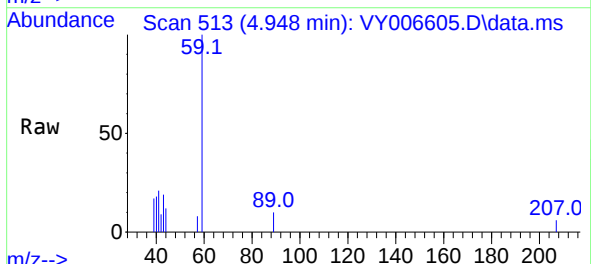
Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-4-20211029-7.5-8SRE

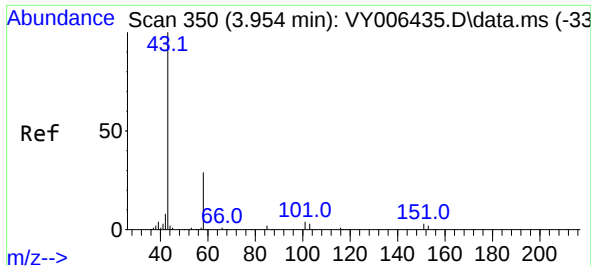
Tgt Ion:168 Resp: 49206
Ion Ratio Lower Upper
168 100
99 55.8 44.8 67.2



#11
Tert butyl alcohol
Concen: 55.300 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY006605.D
Acq: 03 Nov 2021 16:20

Tgt Ion: 59 Resp: 3042
Ion Ratio Lower Upper
59 100
57 4.2 8.2 12.4#

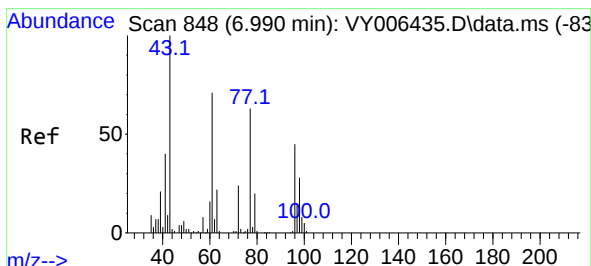
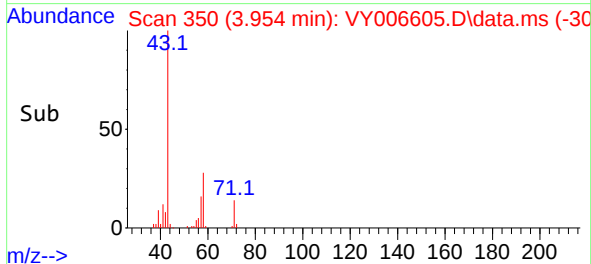
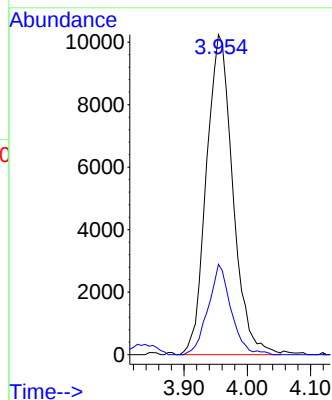
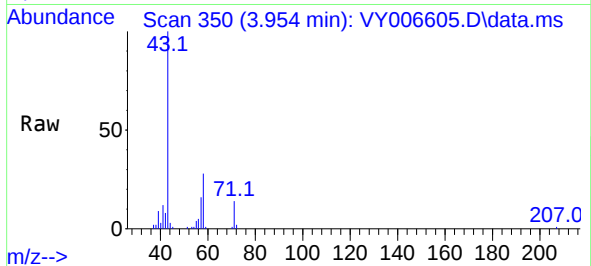




#16
Acetone
Concen: 170.864 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY006605.D
Acq: 03 Nov 2021 16:20

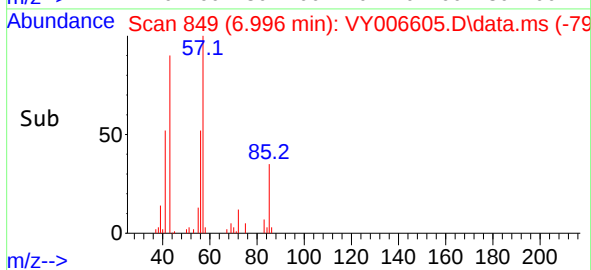
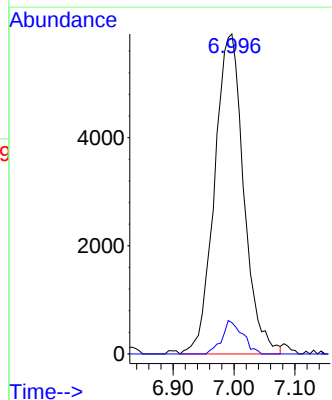
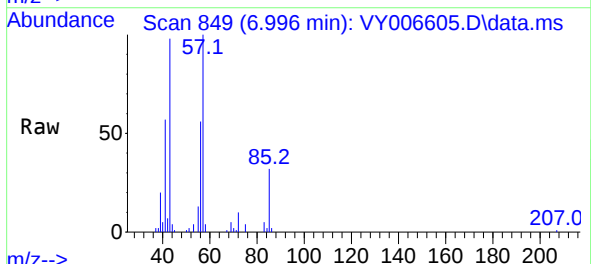
Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-4-20211029-7.5-8SRE

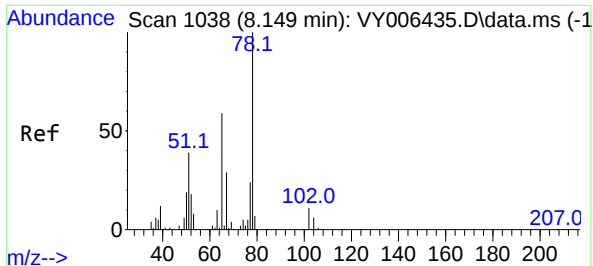
Tgt Ion: 43 Resp: 29791
Ion Ratio Lower Upper
43 100
58 28.3 22.9 34.3



#25
2-Butanone
Concen: 86.362 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY006605.D
Acq: 03 Nov 2021 16:20

Tgt Ion: 43 Resp: 19727
Ion Ratio Lower Upper
43 100
72 9.8 18.9 28.3#





#33

1,2-Dichloroethane-d4

Concen: 46.504 ug/l

RT: 8.149 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY006605.D

Acq: 03 Nov 2021 16:20

Instrument :

MSVOA_Y

ClientSampleId :

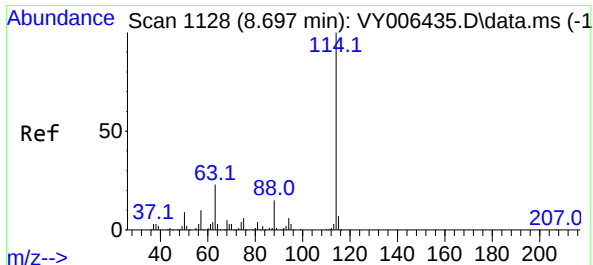
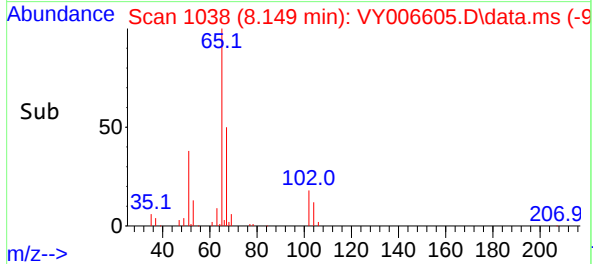
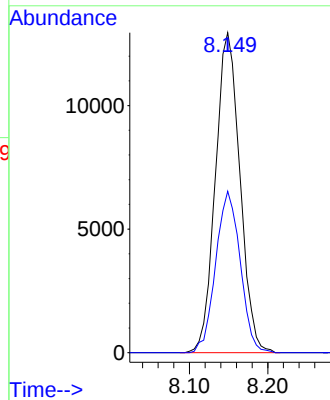
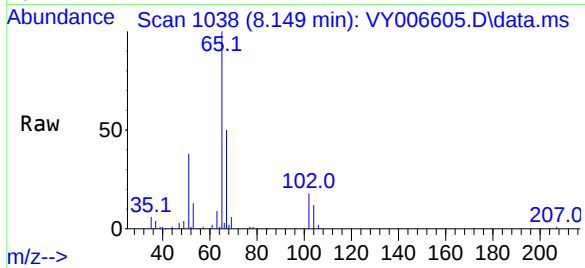
FDR-BH-4-20211029-7.5-8SRE

Tgt Ion: 65 Resp: 28159

Ion Ratio Lower Upper

65 100

67 50.5 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: VY006605.D

Acq: 03 Nov 2021 16:20

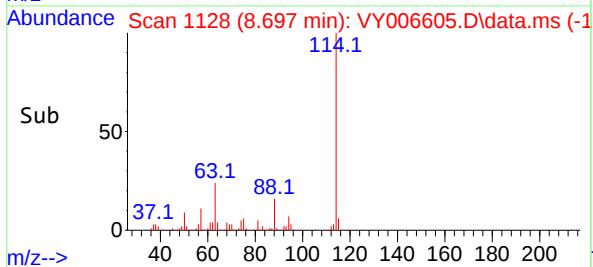
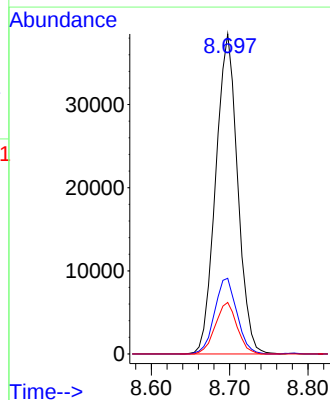
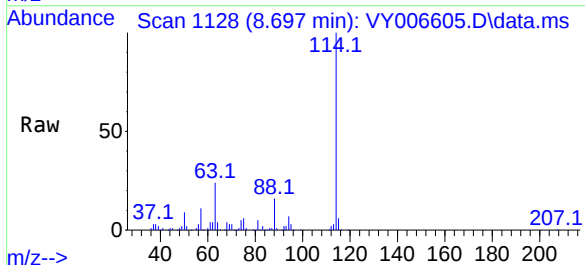
Tgt Ion: 114 Resp: 74936

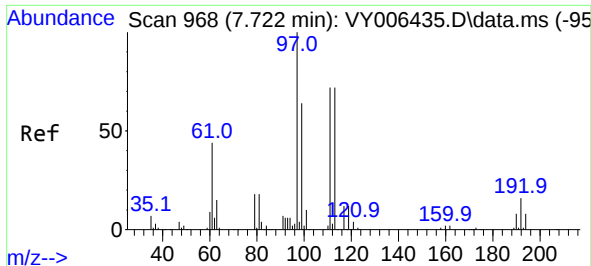
Ion Ratio Lower Upper

114 100

63 23.6 0.0 45.0

88 16.1 0.0 30.6

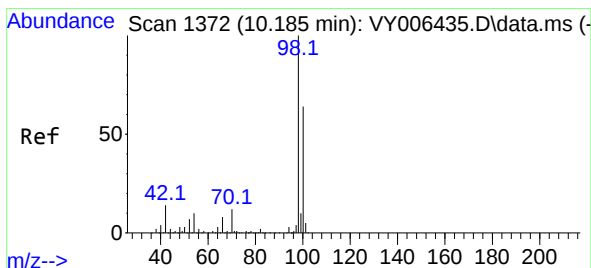
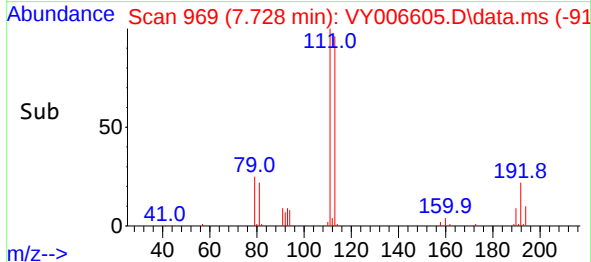
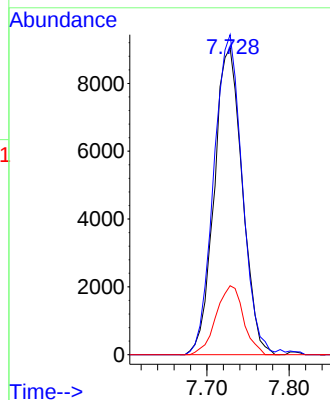
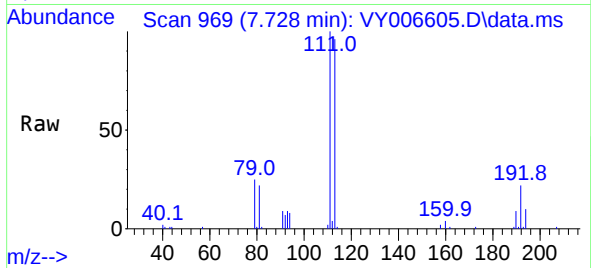




#35
Dibromofluoromethane
Concen: 51.526 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY006605.D
Acq: 03 Nov 2021 16:20

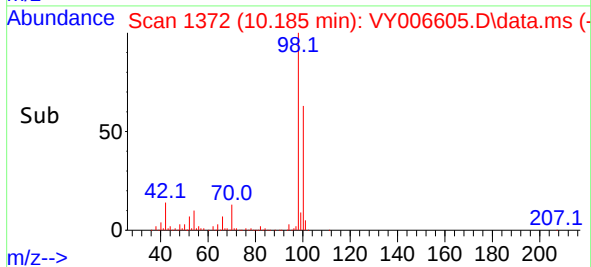
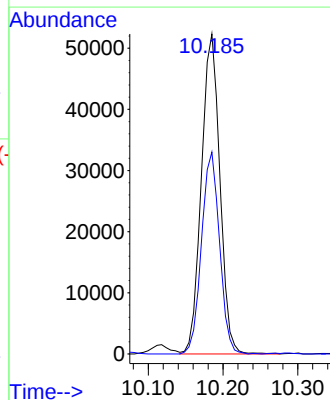
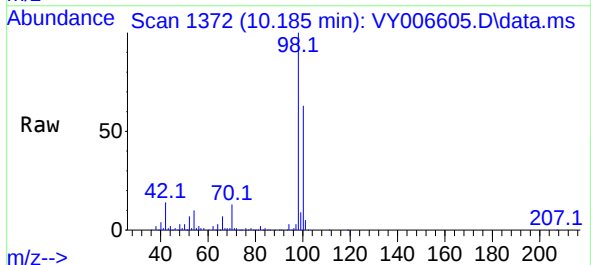
Instrument :
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ClientSampleId :
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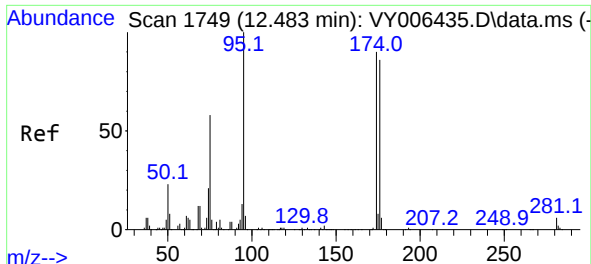
Tgt Ion:113 Resp: 21521
Ion Ratio Lower Upper
113 100
111 105.2 82.3 123.5
192 21.8 17.4 26.2



#50
Toluene-d8
Concen: 50.763 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006605.D
Acq: 03 Nov 2021 16:20

Tgt Ion: 98 Resp: 89880
Ion Ratio Lower Upper
98 100
100 61.5 50.9 76.3

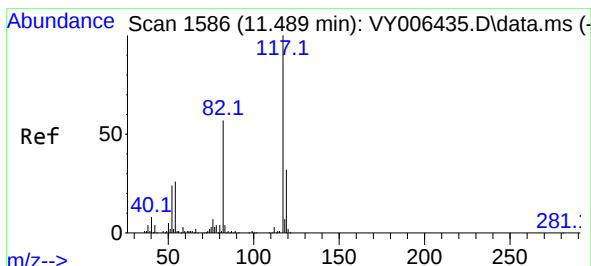
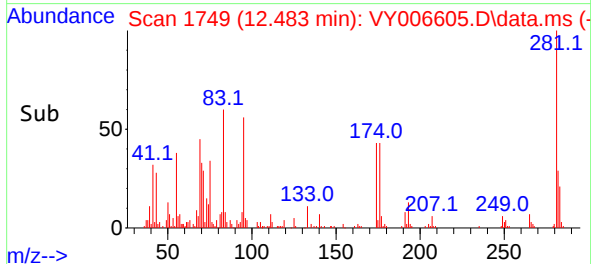
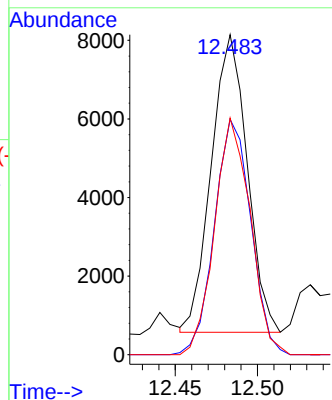
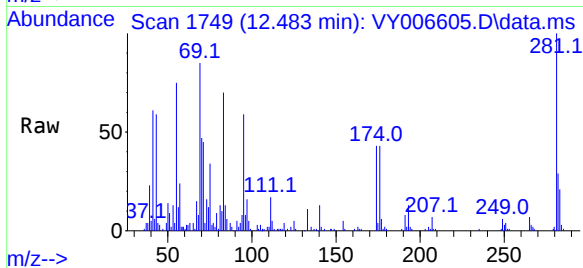




#62
4-Bromofluorobenzene
Concen: 19.241 ug/l
RT: 12.483 min Scan# 11476
Delta R.T. 0.000 min
Lab File: VY006605.D
Acq: 03 Nov 2021 16:20

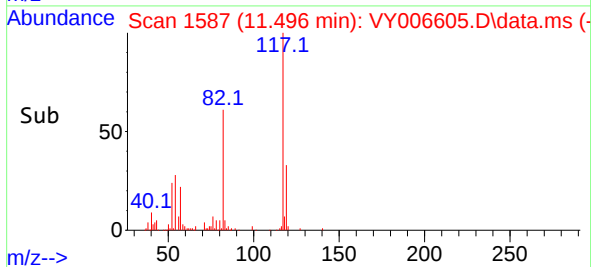
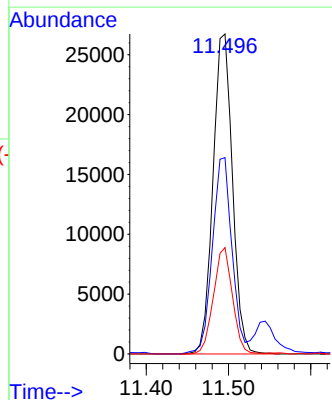
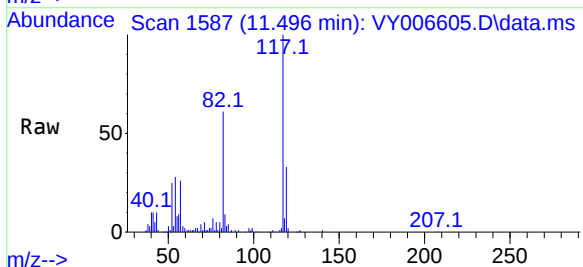
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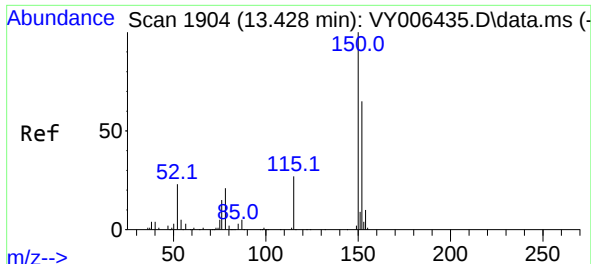
Tgt Ion:	95	Resp:	11476
Ion Ratio	Lower	Upper	
95	100		
174	80.4	0.0	177.0
176	79.0	0.0	169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006605.D
Acq: 03 Nov 2021 16:20

Tgt Ion:	117	Resp:	43927
Ion Ratio	Lower	Upper	
117	100		
82	61.4	45.7	68.5
119	33.3	25.5	38.3

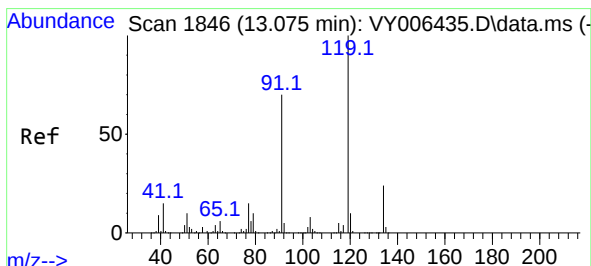
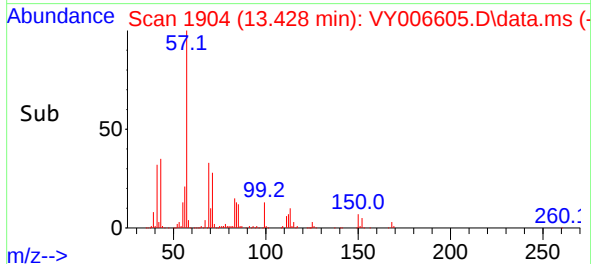
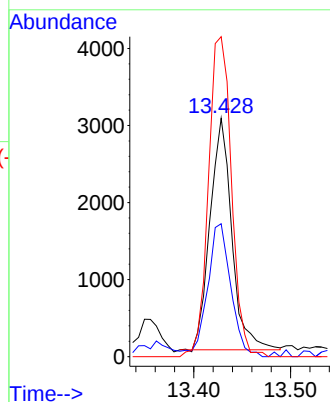
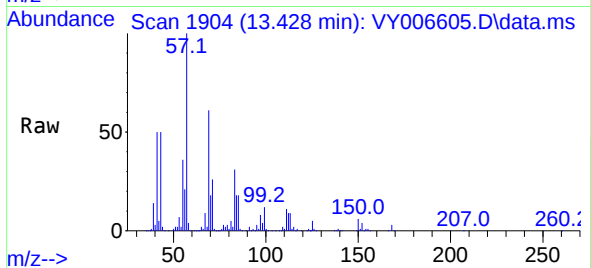




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006605.D
 Acq: 03 Nov 2021 16:20

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

Tgt Ion:152 Resp: 4725
 Ion Ratio Lower Upper
 152 100
 115 61.4 28.5 85.5
 150 145.4 0.0 348.2



#83
 tert-Butylbenzene
 Concen: 2283.916 ug/l
 RT: 13.075 min Scan# 1846
 Delta R.T. 0.000 min
 Lab File: VY006605.D
 Acq: 03 Nov 2021 16:20

Tgt Ion:119 Resp: 543174
 Ion Ratio Lower Upper
 119 100
 91 71.2 34.8 104.5
 134 24.4 13.0 38.9

