

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110221\
 Data File : VY006574.D
 Acq On : 02 Nov 2021 13:53
 Operator : SY/MD
 Sample : M4427-02
 Misc : 4.63G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Nov 03 02:01:15 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)

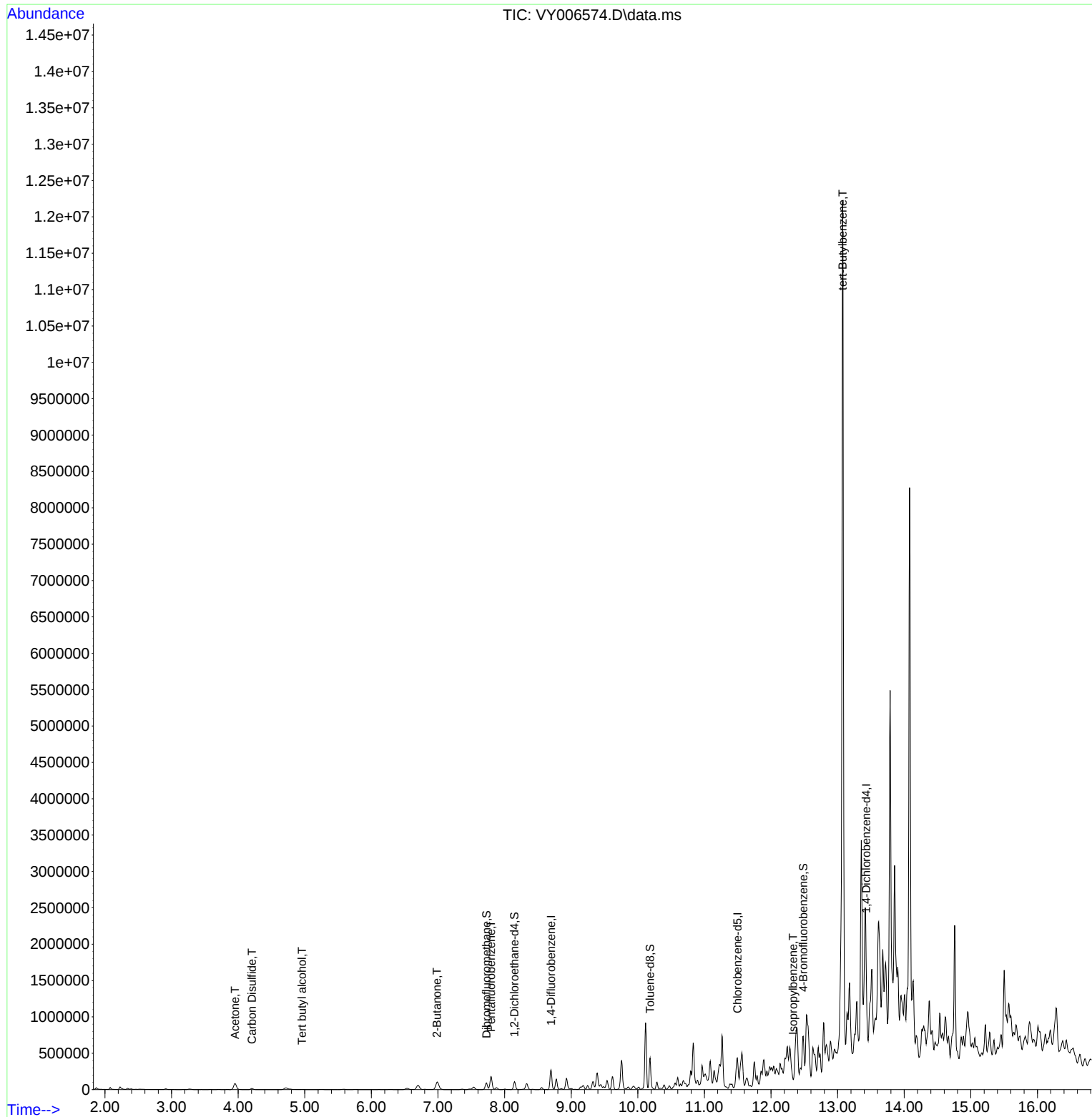
Internal Standards						
1) Pentafluorobenzene	7.795	168	128393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	211070	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	150465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	21075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	84293	53.351	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.700%	
35) Dibromofluoromethane	7.728	113	61810	52.540	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.080%	
50) Toluene-d8	10.184	98	263004	52.737	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.480%	
62) 4-Bromofluorobenzene	12.483	95	44235	26.331	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 52.660%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	6027	41.990	ug/l	98
16) Acetone	3.954	43	97262	213.789	ug/l #	88
17) Carbon Disulfide	4.204	76	28554	7.510	ug/l	98
25) 2-Butanone	6.984	43	70055	117.538	ug/l #	62
73) Isopropylbenzene	12.330	105	1508	1.023	ug/l	76
83) tert-Butylbenzene	13.074	119	4333072	4084.805	ug/l	98

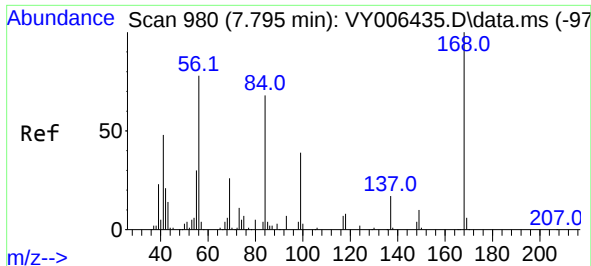
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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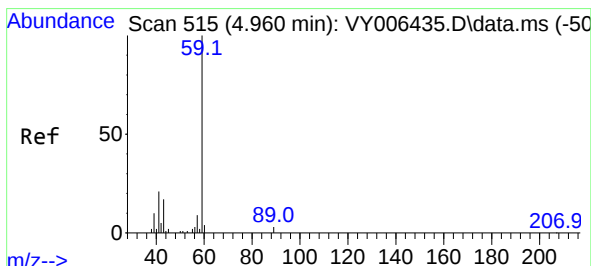
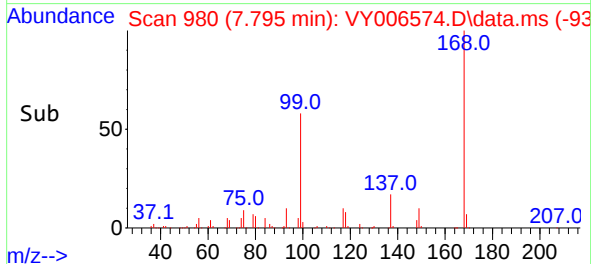
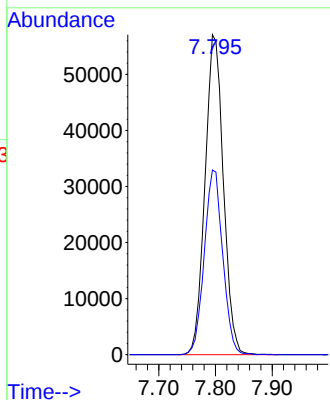
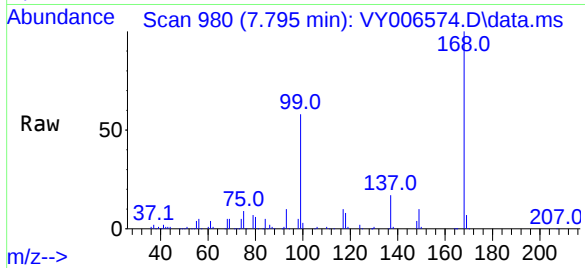




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006574.D
Acq: 02 Nov 2021 13:53

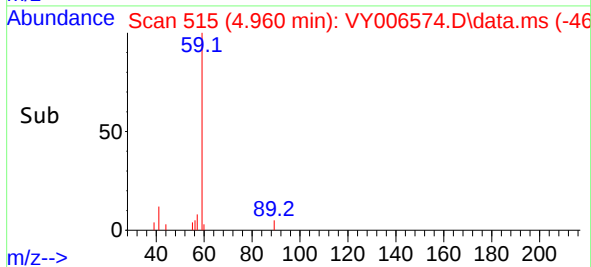
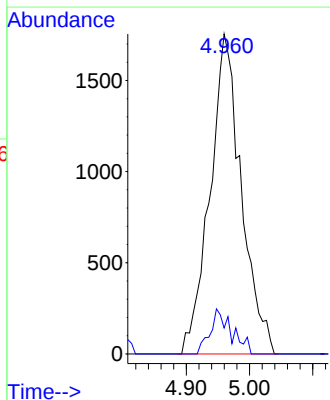
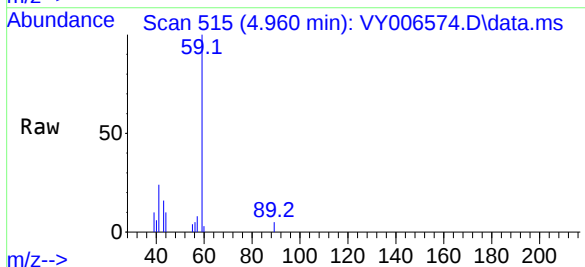
Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-5-20211029-6.5-7

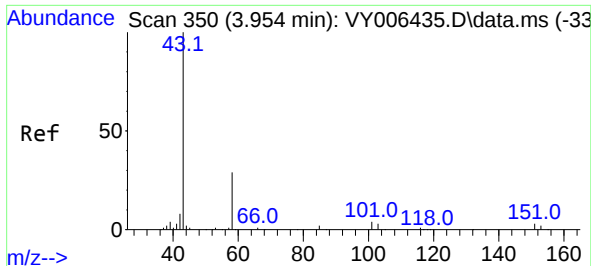
Tgt Ion:168 Resp: 128393
Ion Ratio Lower Upper
168 100
99 57.7 44.8 67.2



#11
Tert butyl alcohol
Concen: 41.990 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY006574.D
Acq: 02 Nov 2021 13:53

Tgt Ion: 59 Resp: 6027
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.4

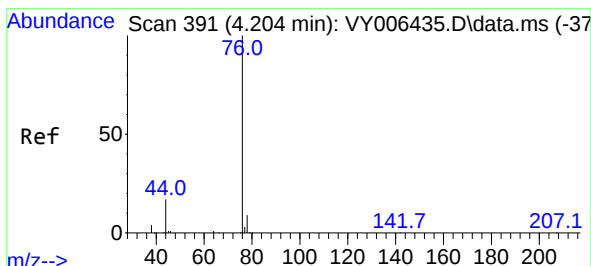
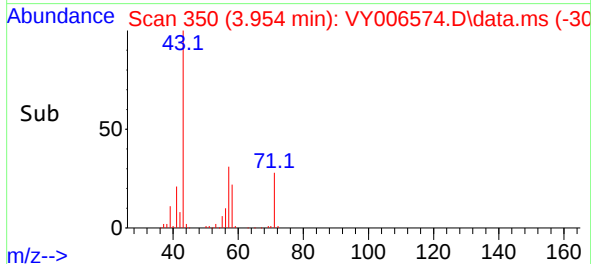
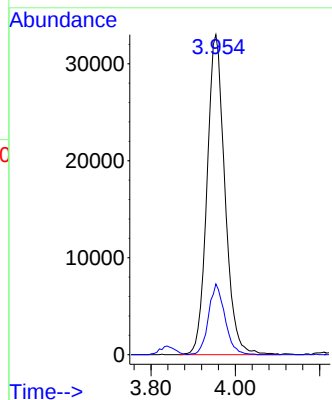
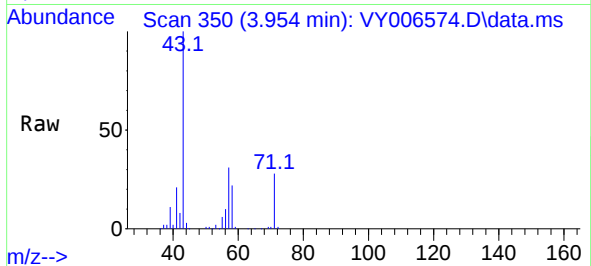




#16
Acetone
Concen: 213.789 ug/l
RT: 3.954 min Scan# 311
Delta R.T. -0.000 min
Lab File: VY006574.D
Acq: 02 Nov 2021 13:53

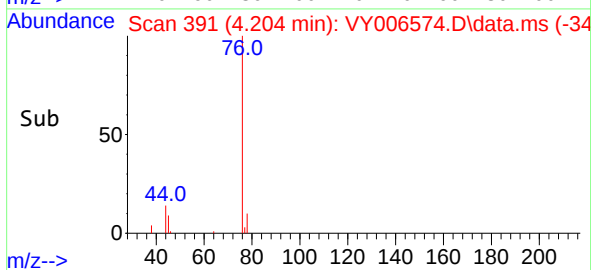
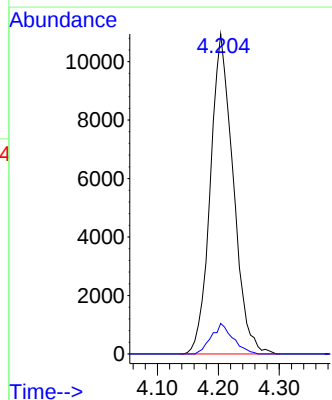
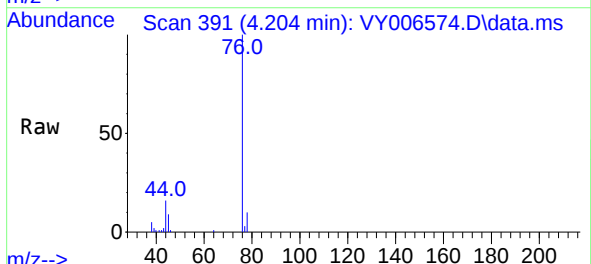
Instrument :
MSVOA_Y
ClientSampleId :
FDR-BH-5-20211029-6.5-7

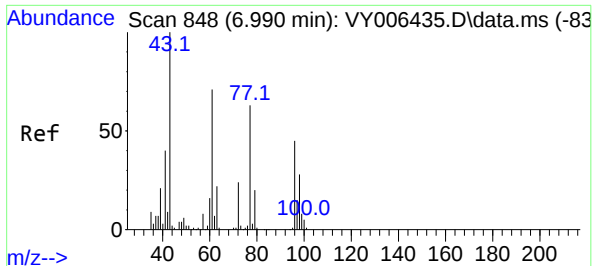
Tgt Ion: 43 Resp: 97262
Ion Ratio Lower Upper
43 100
58 22.1 22.9 34.3#



#17
Carbon Disulfide
Concen: 7.510 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY006574.D
Acq: 02 Nov 2021 13:53

Tgt Ion: 76 Resp: 28554
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7





#25

2-Butanone

Concen: 117.538 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY006574.D

Acq: 02 Nov 2021 13:53

Instrument :

MSVOA_Y

ClientSampleId :

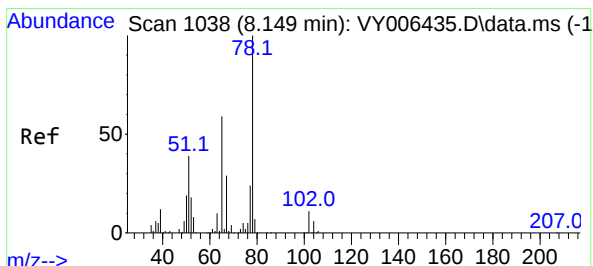
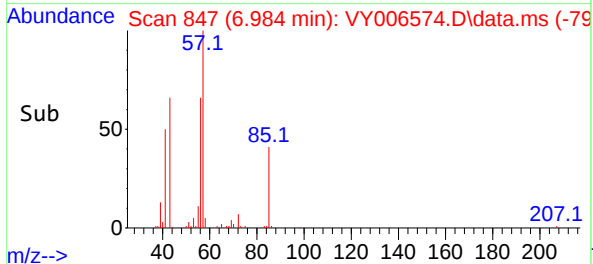
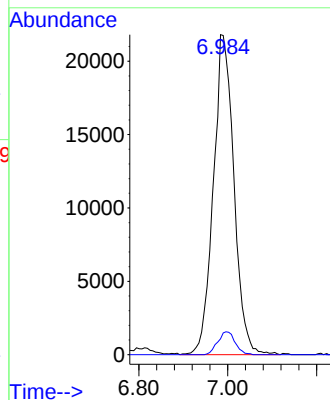
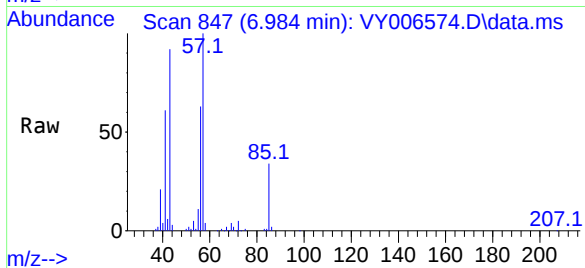
FDR-BH-5-20211029-6.5-7

Tgt Ion: 43 Resp: 70055

Ion Ratio Lower Upper

43 100

72 4.9 18.9 28.3#



#33

1,2-Dichloroethane-d4

Concen: 53.351 ug/l

RT: 8.148 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY006574.D

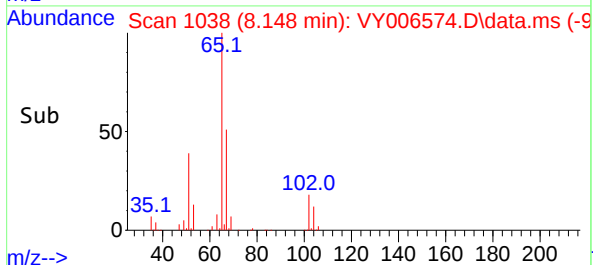
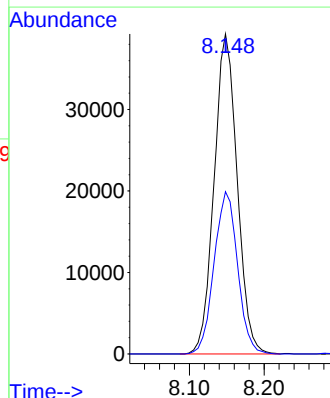
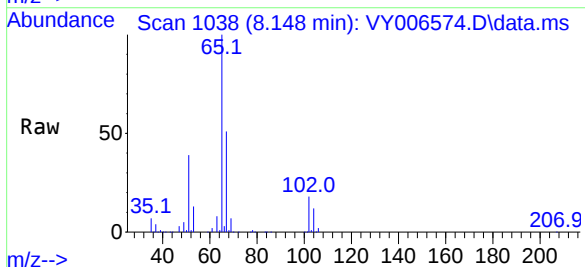
Acq: 02 Nov 2021 13:53

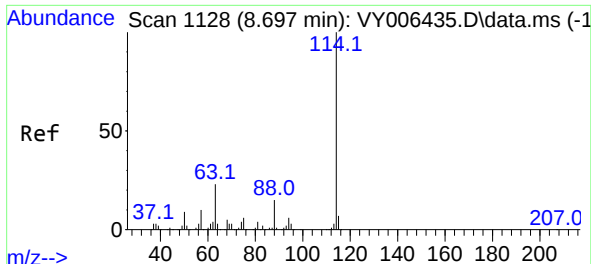
Tgt Ion: 65 Resp: 84293

Ion Ratio Lower Upper

65 100

67 51.6 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: VY006574.D

Acq: 02 Nov 2021 13:53

Instrument :

MSVOA_Y

ClientSampleId :

FDR-BH-5-20211029-6.5-7

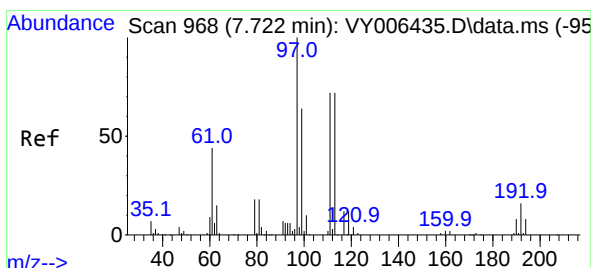
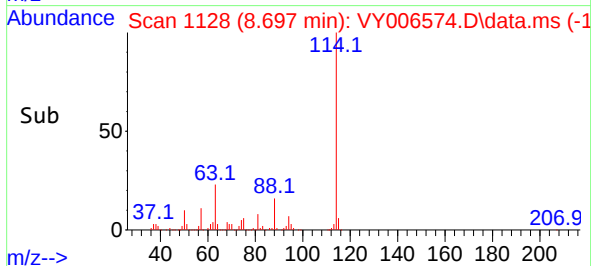
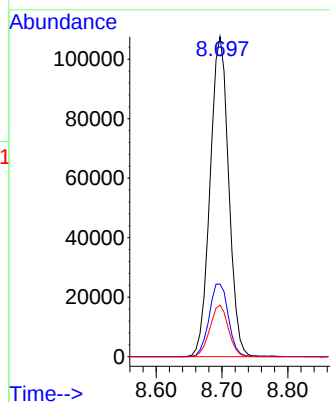
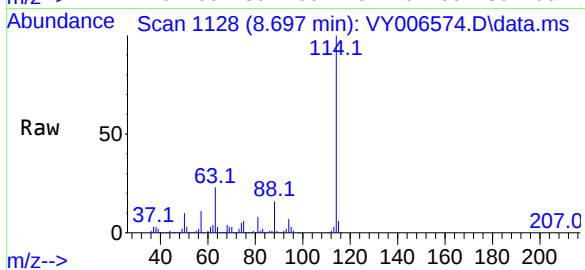
Tgt Ion:114 Resp: 211070

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.0

88 16.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.540 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006574.D

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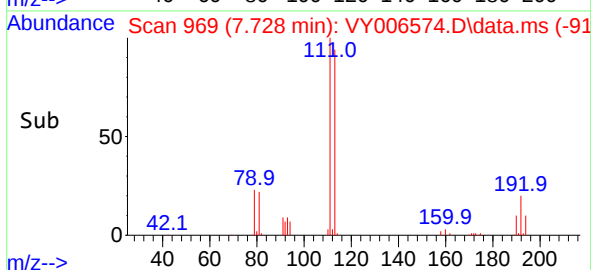
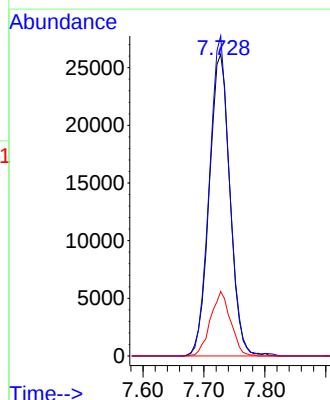
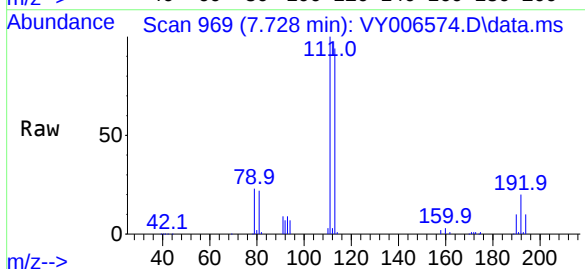
Tgt Ion:113 Resp: 61810

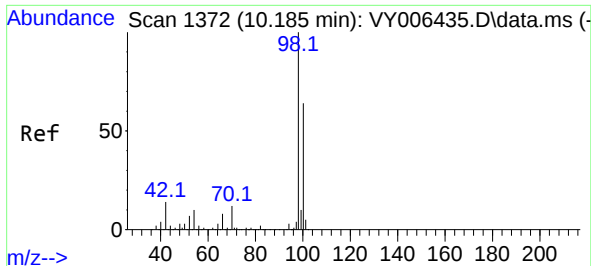
Ion Ratio Lower Upper

113 100

111 102.8 82.3 123.5

192 20.8 17.4 26.2

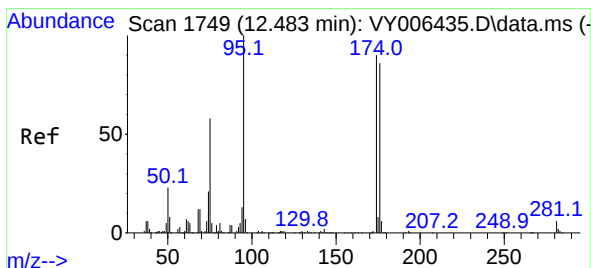
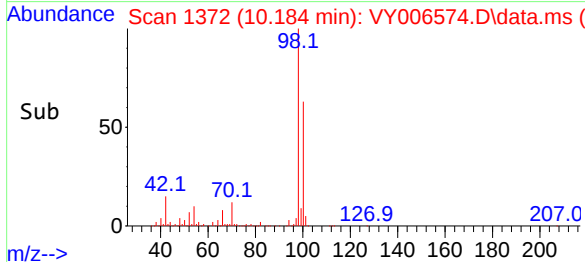
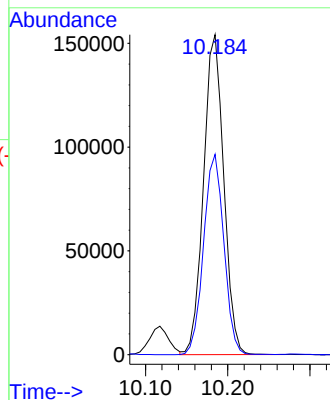
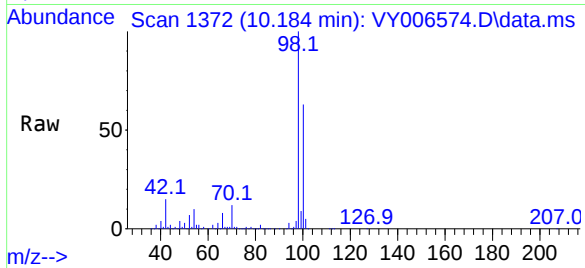




#50
Toluene-d8
Concen: 52.737 ug/l
RT: 10.184 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006574.D
Acq: 02 Nov 2021 13:53

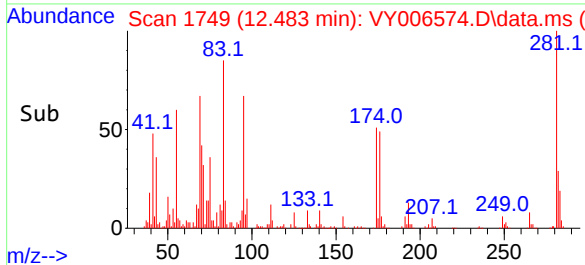
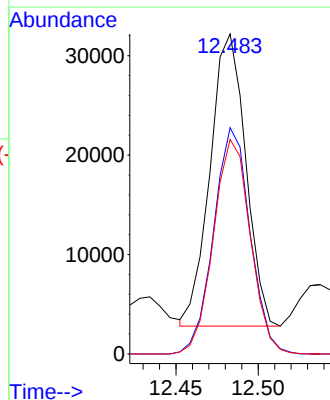
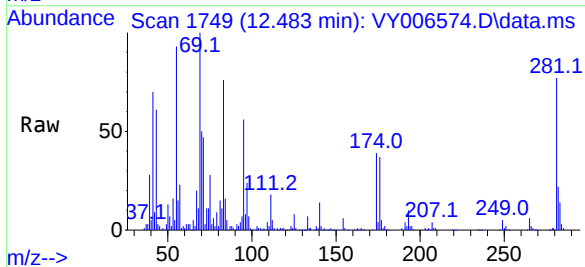
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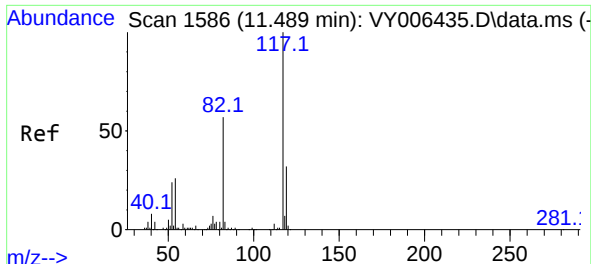
Tgt Ion: 98 Resp: 263004
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 26.331 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006574.D
Acq: 02 Nov 2021 13:53

Tgt Ion: 95 Resp: 44235
Ion Ratio Lower Upper
95 100
174 79.5 0.0 177.0
176 75.8 0.0 169.4

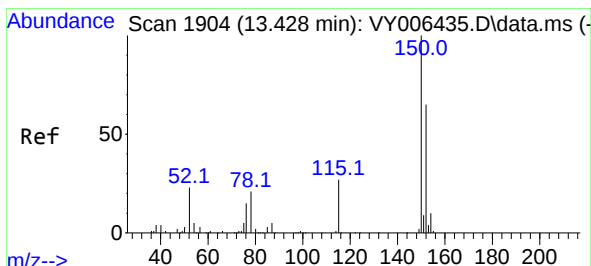
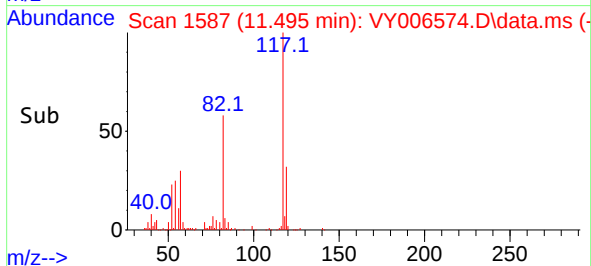
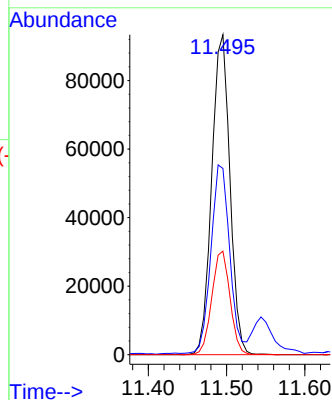
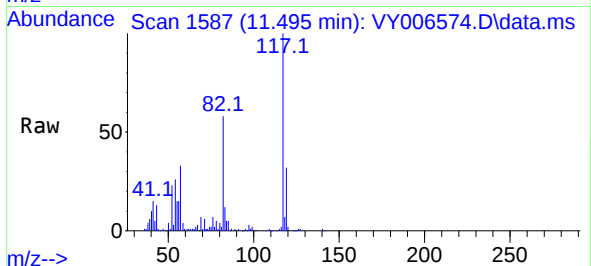




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006574.D
Acq: 02 Nov 2021 13:53

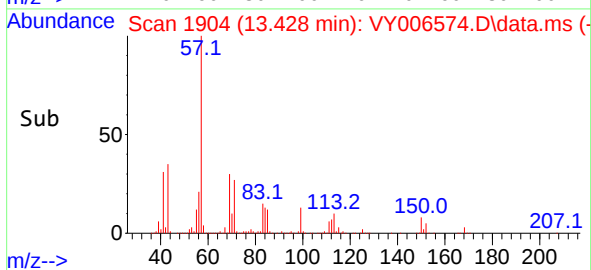
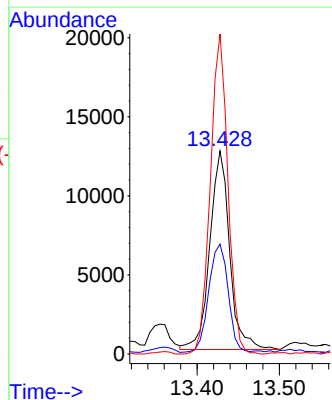
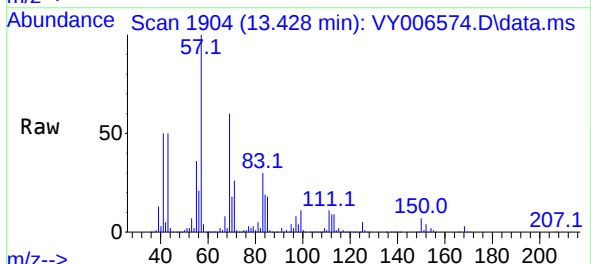
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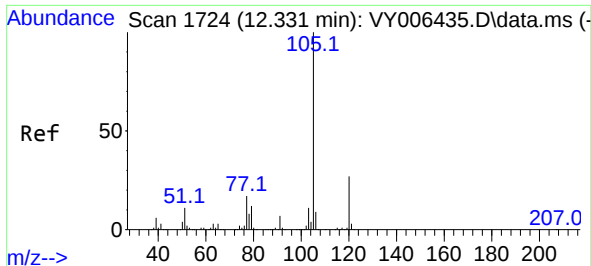
Tgt Ion:	117	Resp:	150465
Ion	Ratio	Lower	Upper
117	100		
82	57.8	45.7	68.5
119	32.3	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006574.D
Acq: 02 Nov 2021 13:53

Tgt Ion:	152	Resp:	21075
Ion	Ratio	Lower	Upper
152	100		
115	52.7	28.5	85.5
150	142.6	0.0	348.2

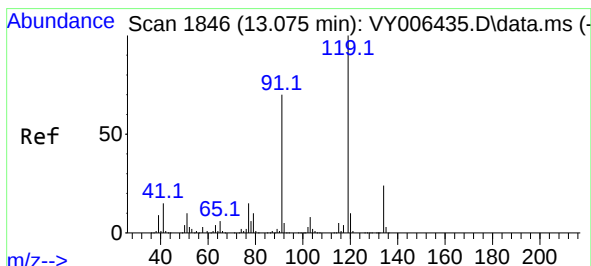
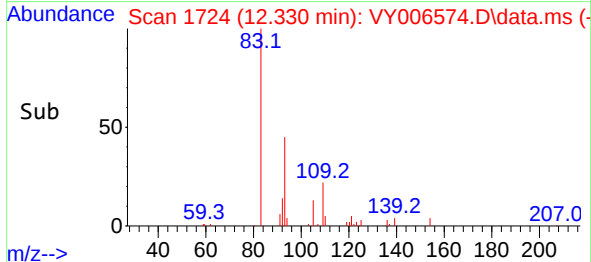
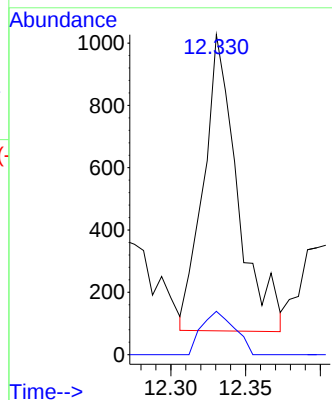
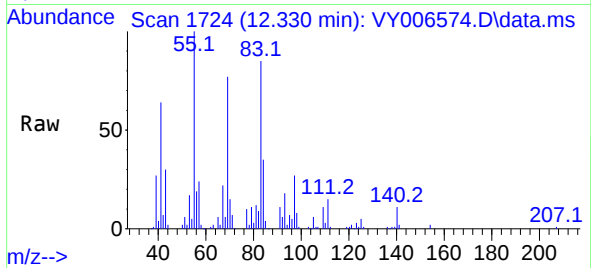




#73
Isopropylbenzene
Concen: 1.023 ug/l
RT: 12.330 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006574.D
Acq: 02 Nov 2021 13:53

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Tgt Ion:105 Resp: 1508
Ion Ratio Lower Upper
105 100
120 14.2 13.3 39.9



#83
tert-Butylbenzene
Concen: 4084.805 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY006574.D
Acq: 02 Nov 2021 13:53

Tgt Ion:119 Resp: 4333072
Ion Ratio Lower Upper
119 100
91 71.6 34.8 104.5
134 25.0 13.0 38.9

