

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112421\
 Data File : VY006887.D
 Acq On : 24 Nov 2021 19:12
 Operator : SY/MD
 Sample : M4842-01
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-112421

Quant Time: Nov 26 09:59:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

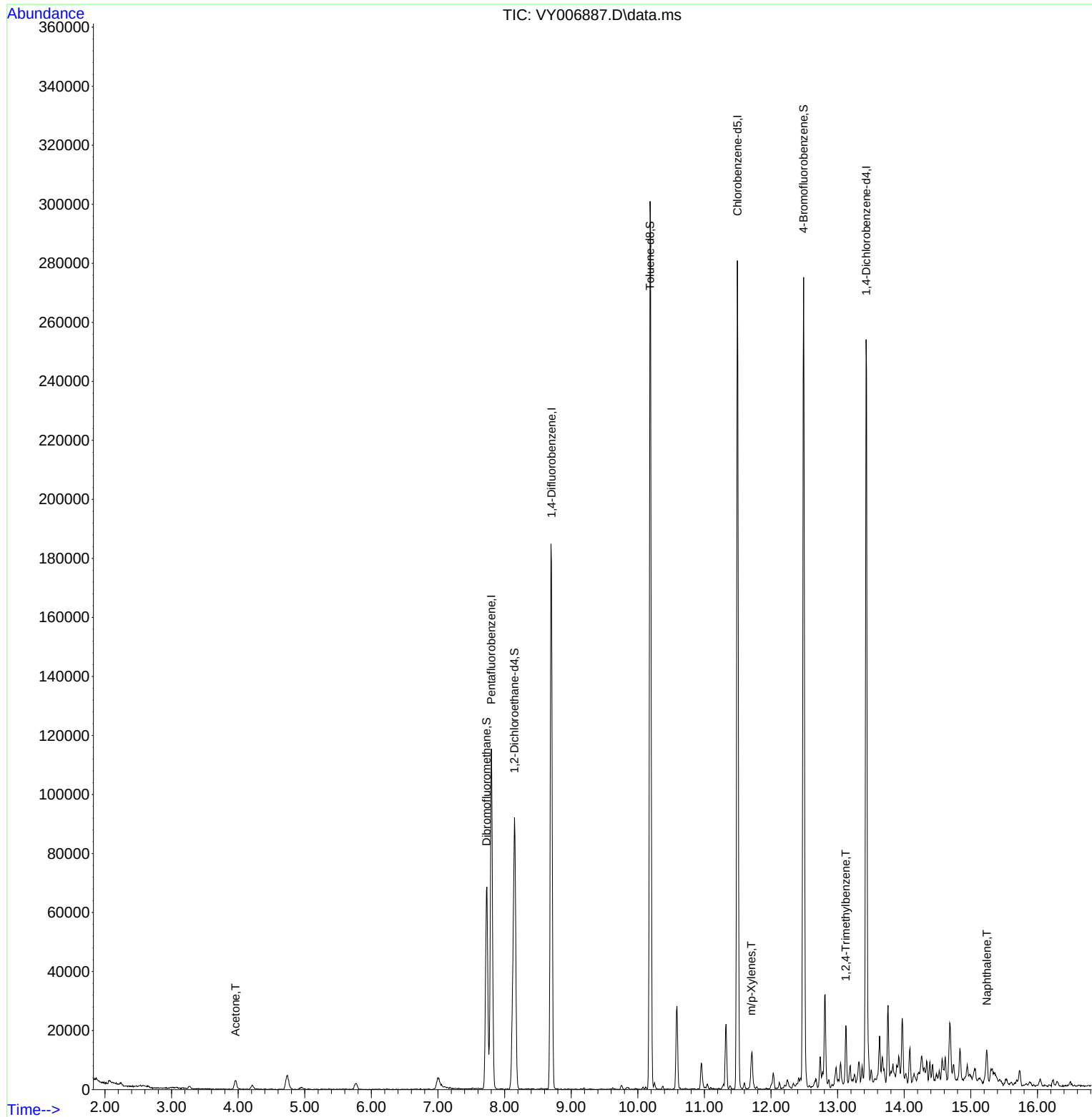
Internal Standards						
1) Pentafluorobenzene	7.801	168	85896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	148027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	139884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	63684	56.569	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.140%
35) Dibromofluoromethane	7.728	113	45327	49.852	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.700%
50) Toluene-d8	10.185	98	186576	49.588	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.180%
62) 4-Bromofluorobenzene	12.489	95	59476	46.889	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.780%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	5286	15.454	ug/l	94
68) m/p-Xylenes	11.703	106	2209	1.074	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	9938	2.654	ug/l	99
95) Naphthalene	15.239	128	8209	3.793	ug/l	97

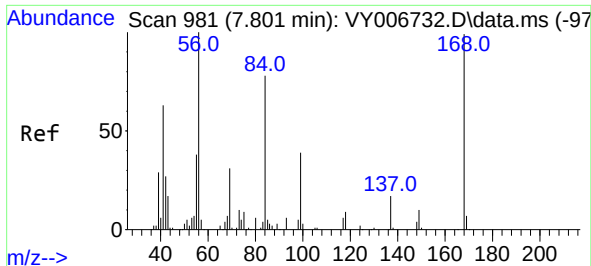
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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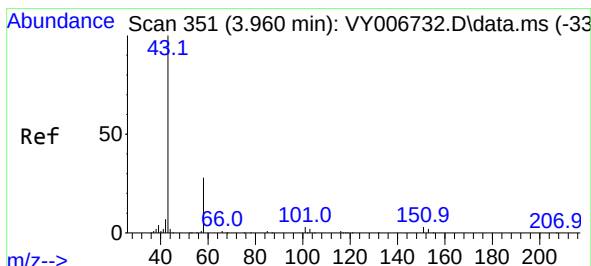
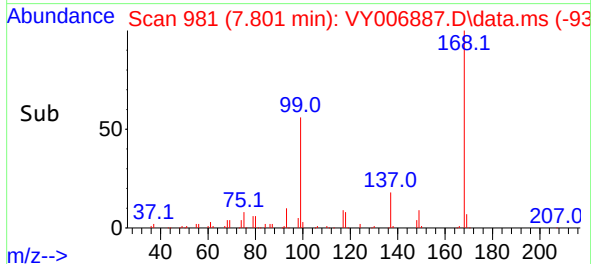
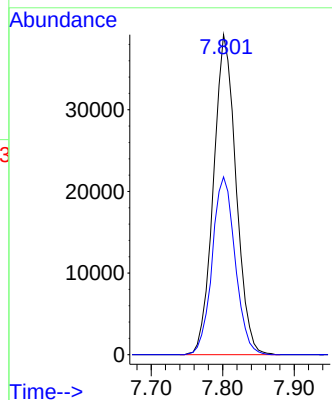
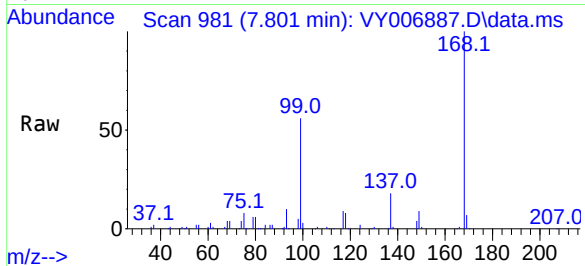




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006887.D
Acq: 24 Nov 2021 19:12

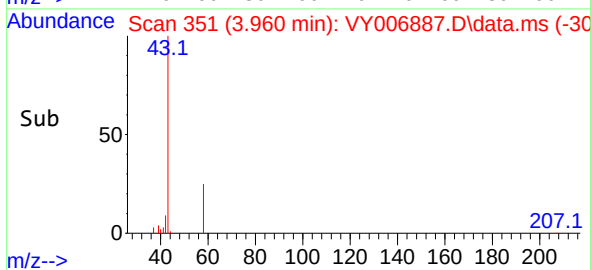
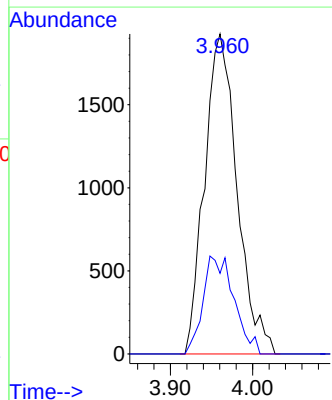
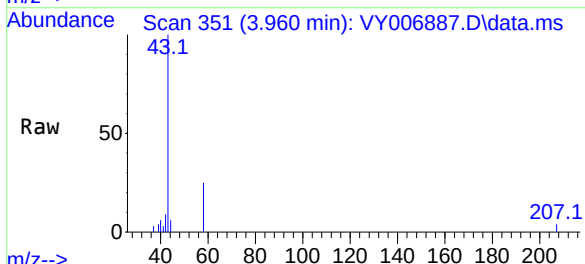
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-112421

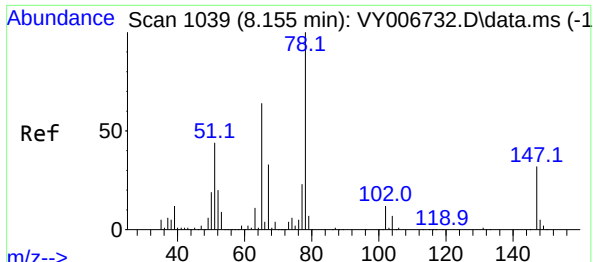
Tgt Ion:168 Resp: 85896
Ion Ratio Lower Upper
168 100
99 55.6 44.8 67.2



#16
Acetone
Concen: 15.454 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY006887.D
Acq: 24 Nov 2021 19:12

Tgt Ion: 43 Resp: 5286
Ion Ratio Lower Upper
43 100
58 25.2 22.9 34.3

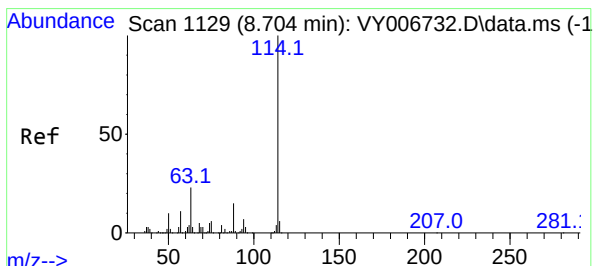
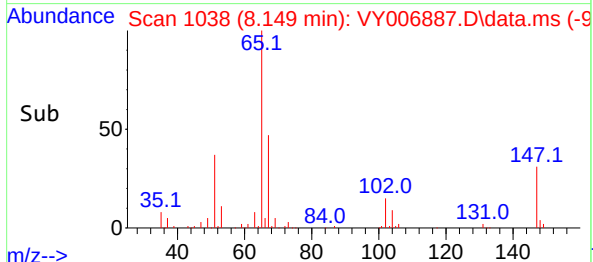
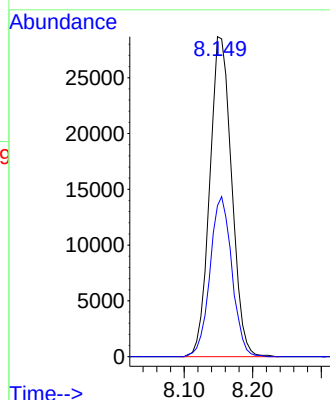
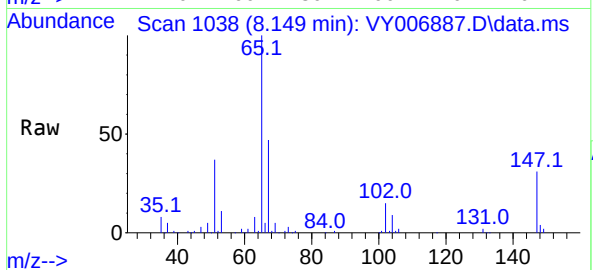




#33
1,2-Dichloroethane-d4
Concen: 56.569 ug/l
RT: 8.149 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY006887.D
Acq: 24 Nov 2021 19:12

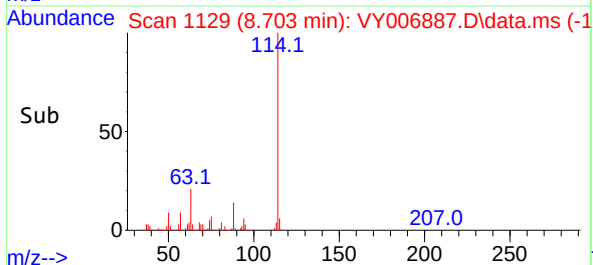
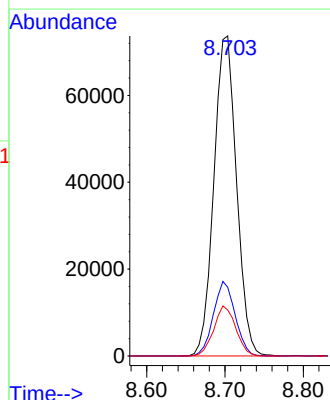
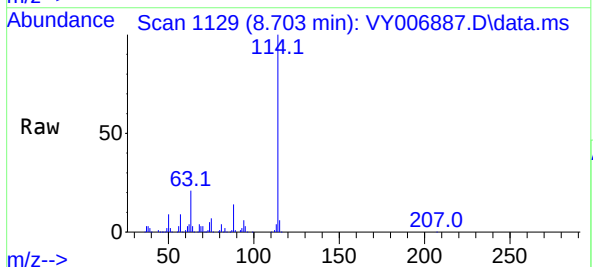
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-112421

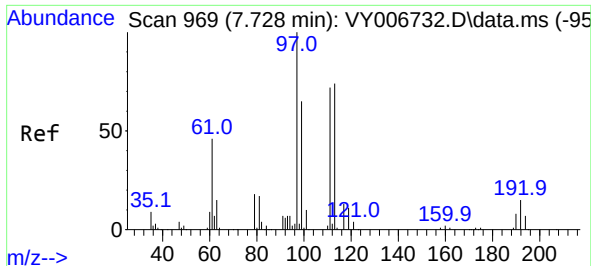
Tgt Ion: 65 Resp: 63684
Ion Ratio Lower Upper
65 100
67 49.8 0.0 98.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VY006887.D
Acq: 24 Nov 2021 19:12

Tgt Ion: 114 Resp: 148027
Ion Ratio Lower Upper
114 100
63 21.5 0.0 45.0
88 14.4 0.0 30.6

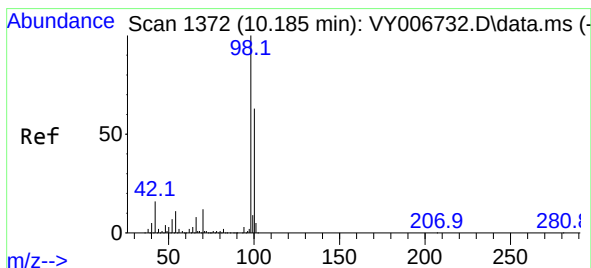
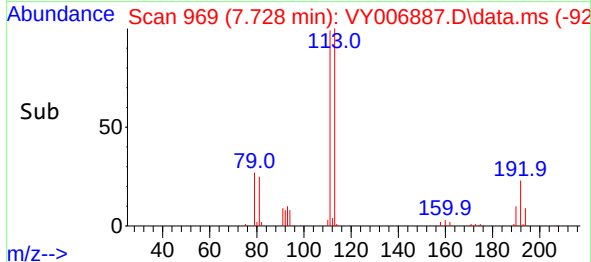
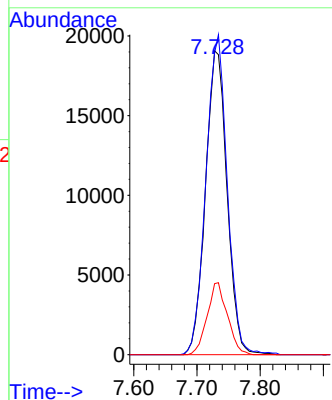
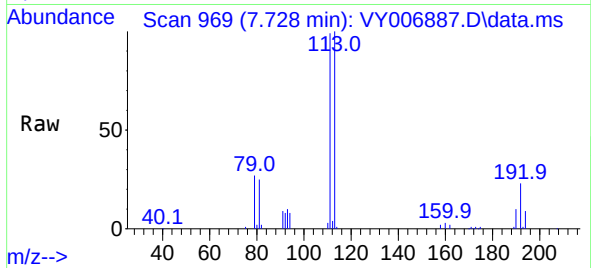




#35
Dibromofluoromethane
Concen: 49.852 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY006887.D
Acq: 24 Nov 2021 19:12

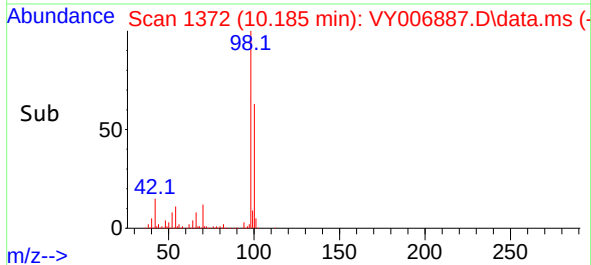
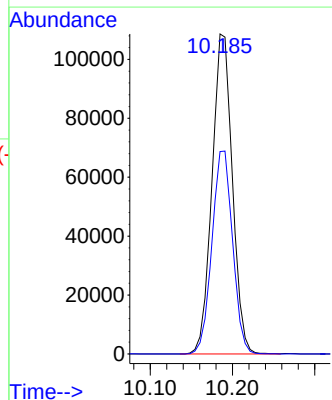
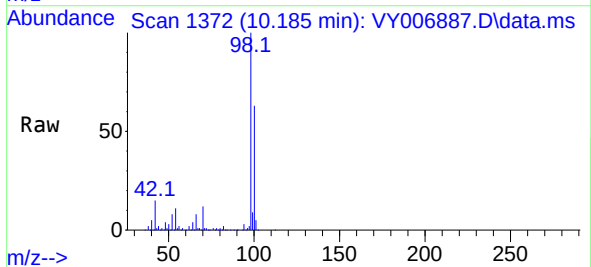
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-112421

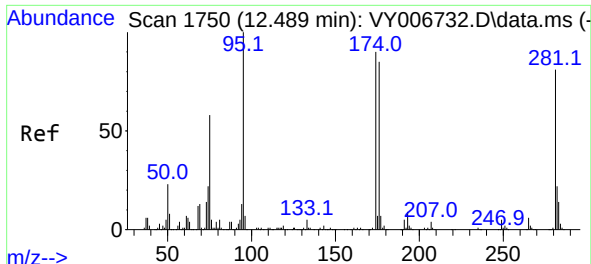
Tgt Ion:113 Resp: 45327
Ion Ratio Lower Upper
113 100
111 104.3 82.3 123.5
192 22.2 17.4 26.2



#50
Toluene-d8
Concen: 49.588 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006887.D
Acq: 24 Nov 2021 19:12

Tgt Ion: 98 Resp: 186576
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3

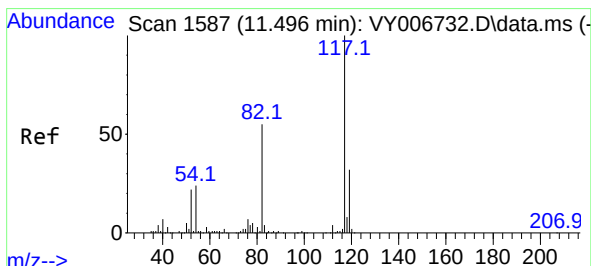
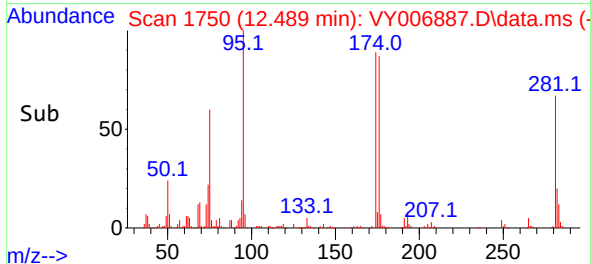
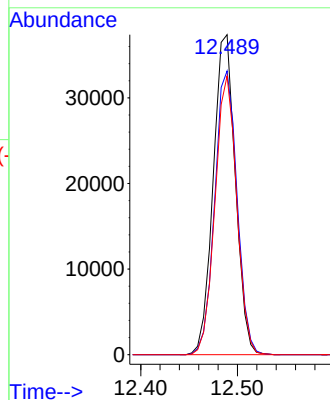
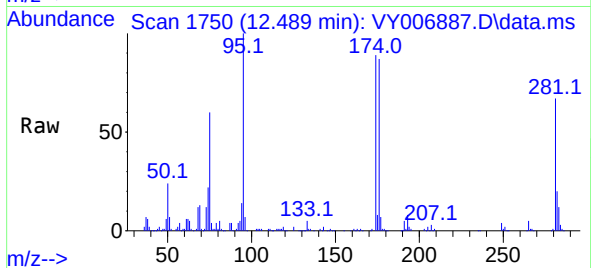




#62
4-Bromofluorobenzene
Concen: 46.889 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY006887.D
Acq: 24 Nov 2021 19:12

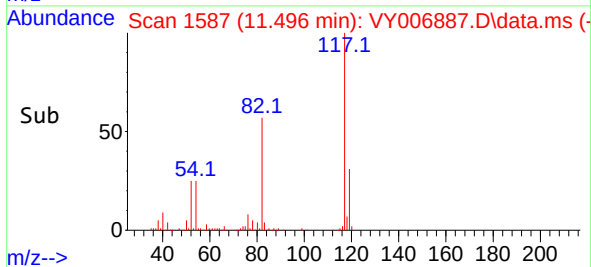
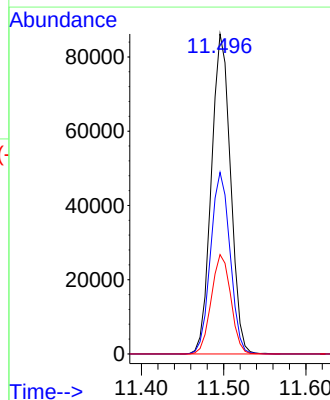
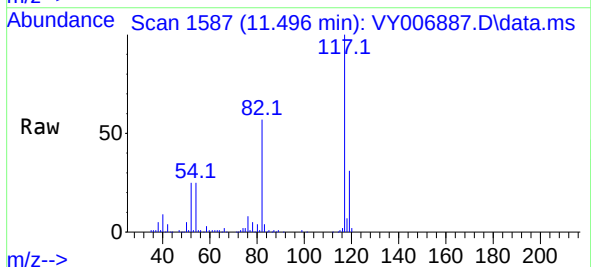
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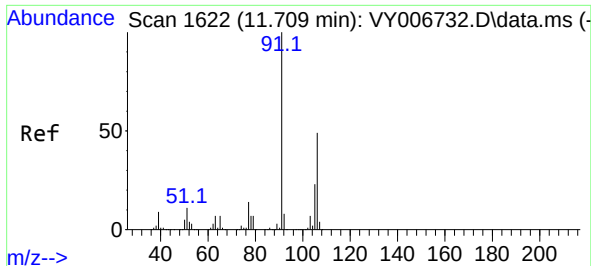
Tgt Ion: 95 Resp: 59476
Ion Ratio Lower Upper
95 100
174 89.3 0.0 177.0
176 85.2 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006887.D
Acq: 24 Nov 2021 19:12

Tgt Ion: 117 Resp: 139884
Ion Ratio Lower Upper
117 100
82 56.8 45.7 68.5
119 31.1 25.5 38.3

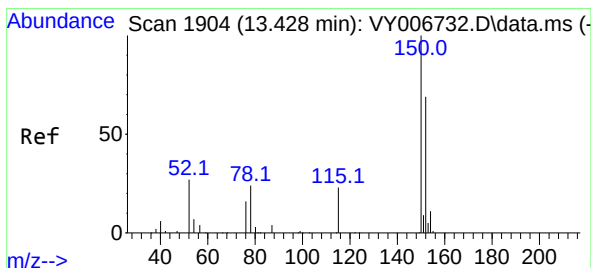
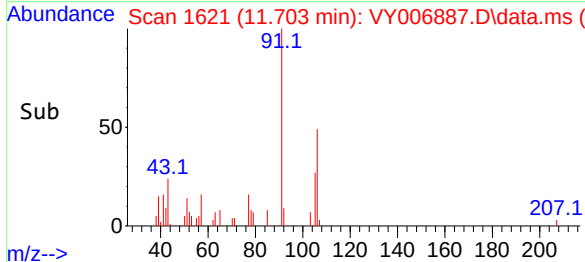
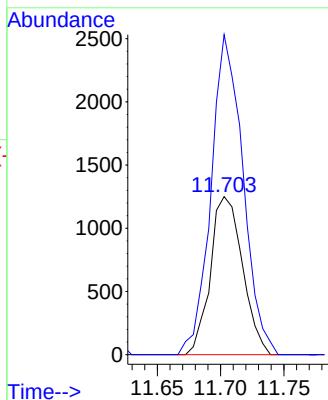
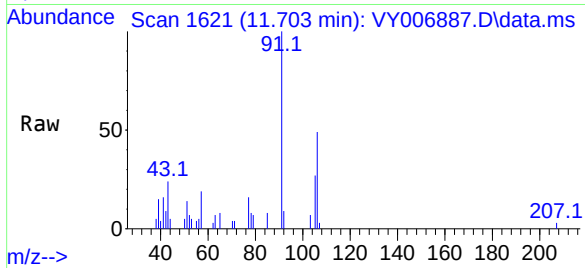




#68
m/p-Xylenes
Concen: 1.074 ug/l
RT: 11.703 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY006887.D
Acq: 24 Nov 2021 19:12

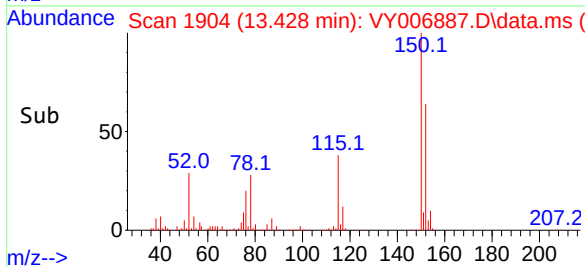
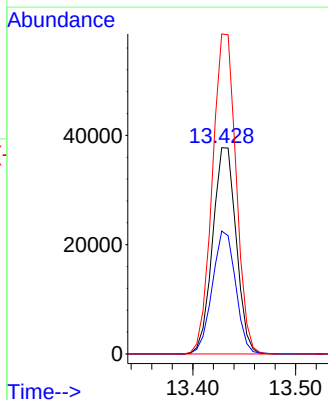
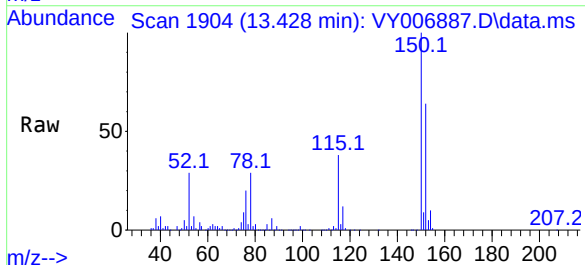
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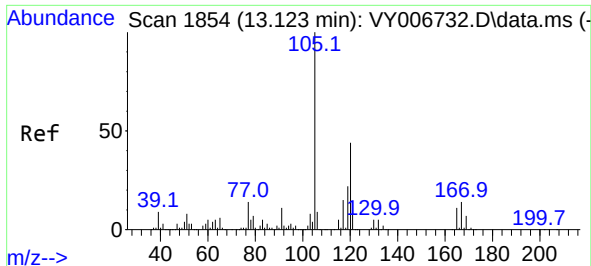
Tgt Ion:106 Resp: 2209
Ion Ratio Lower Upper
106 100
91 201.2 167.5 251.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006887.D
Acq: 24 Nov 2021 19:12

Tgt Ion:152 Resp: 60086
Ion Ratio Lower Upper
152 100
115 59.2 28.5 85.5
150 156.0 0.0 348.2

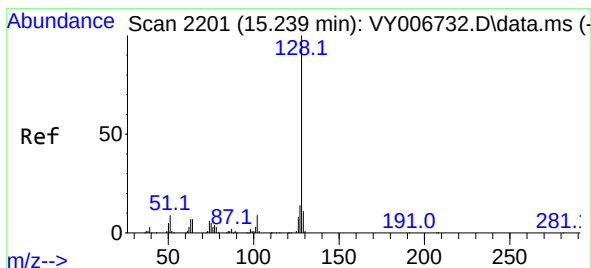
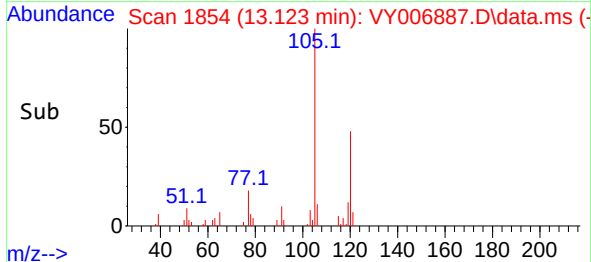
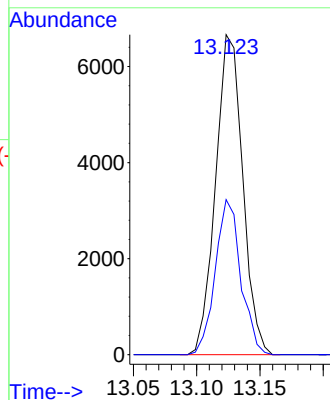
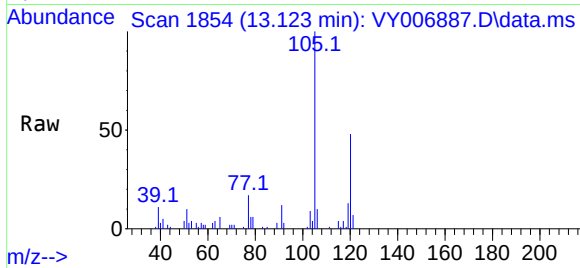




#84
1,2,4-Trimethylbenzene
Concen: 2.654 ug/l
RT: 13.123 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006887.D
Acq: 24 Nov 2021 19:12

Instrument :
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Tgt Ion:105 Resp: 9938
Ion Ratio Lower Upper
105 100
120 45.5 22.6 67.8



#95
Naphthalene
Concen: 3.793 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY006887.D
Acq: 24 Nov 2021 19:12

Tgt Ion:128 Resp: 8209
Ion Ratio Lower Upper
128 100
127 14.4 11.0 16.4
129 12.9 8.9 13.3

