

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041521\
 Data File : VY004441.D
 Acq On : 15 Apr 2021 15:21
 Operator : SY/MD
 Sample : M2040-01
 Misc : 6.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FILL-A-3

Quant Time: Apr 16 05:04:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

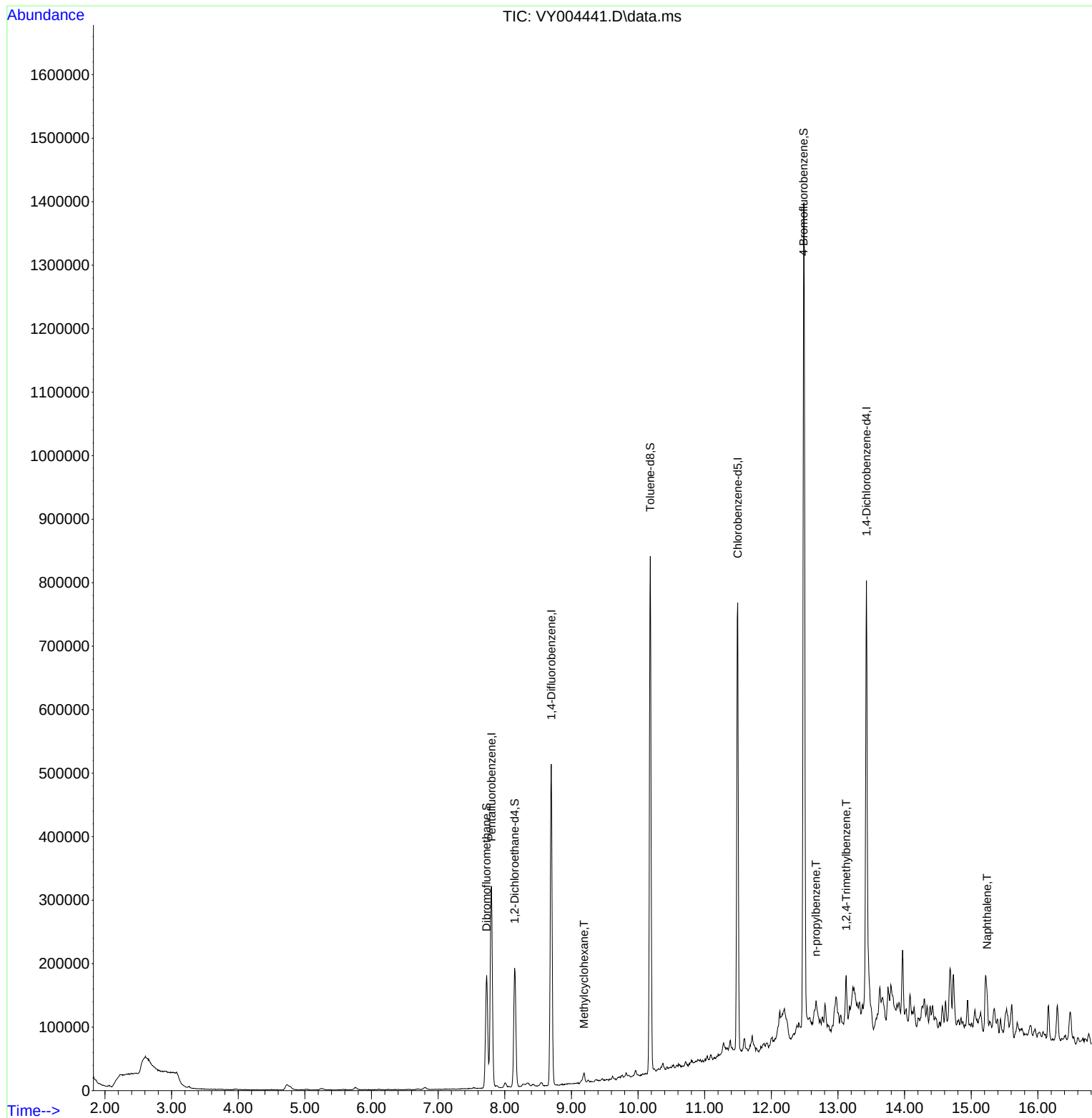
Internal Standards						
1) Pentafluorobenzene	7.801	168	238807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	416736	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	380936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	153946	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	147747	55.68	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.36%
35) Dibromofluoromethane	7.728	113	124393	53.79	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.58%
50) Toluene-d8	10.185	98	512314	52.08	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.16%
62) 4-Bromofluorobenzene	12.483	95	172574	51.70	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.40%
Target Compounds						Qvalue
39) Methylcyclohexane	9.191	83	6358	1.25	ug/l	91
78) n-propylbenzene	12.672	91	20675	1.47	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	36846	3.78	ug/l	97
95) Naphthalene	15.239	128	35297	5.55	ug/l	96

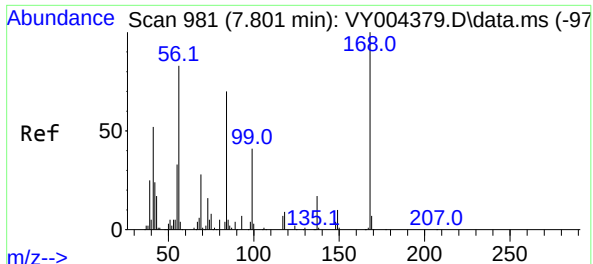
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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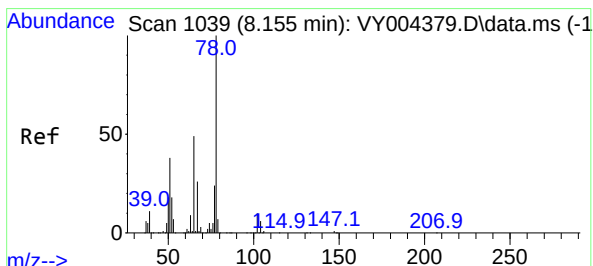
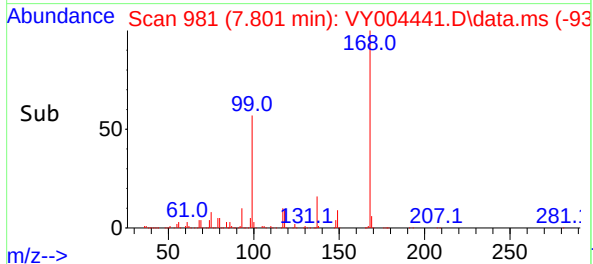
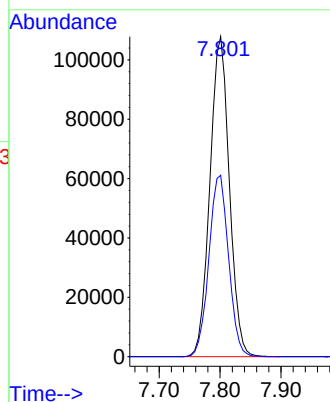
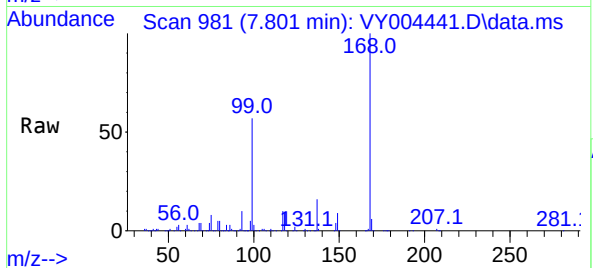




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004441.D
Acq: 15 Apr 2021 15:21

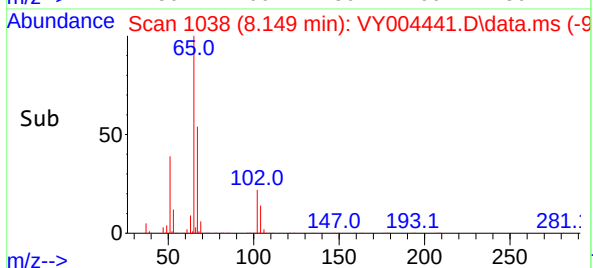
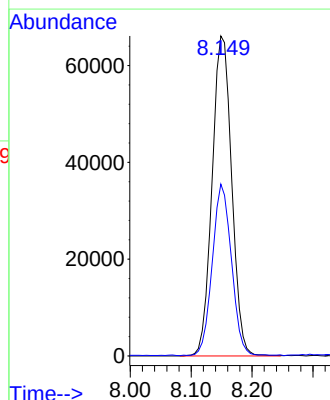
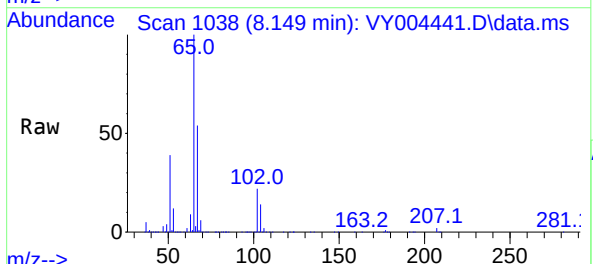
Instrument :
MSVOA_Y
ClientSampleId :
FILL-A-3

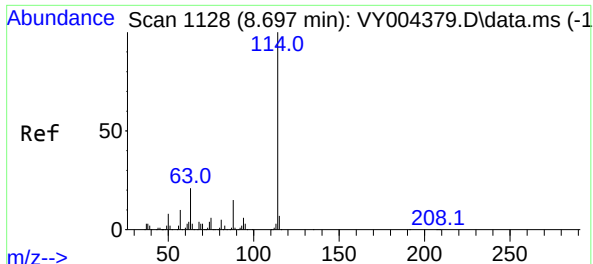
Tgt Ion:168 Resp: 238807
Ion Ratio Lower Upper
168 100
99 56.7 45.5 68.3



#33
1,2-Dichloroethane-d4
Concen: 55.68 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004441.D
Acq: 15 Apr 2021 15:21

Tgt Ion: 65 Resp: 147747
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.4



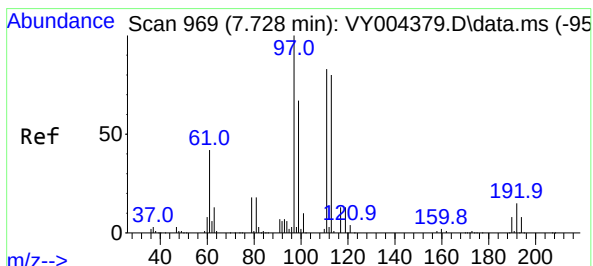
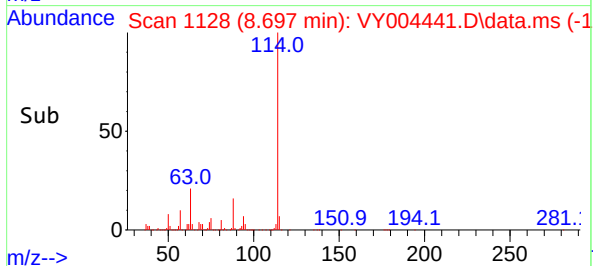
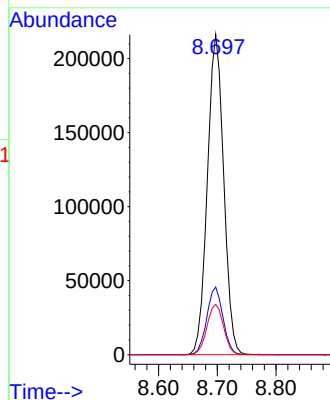
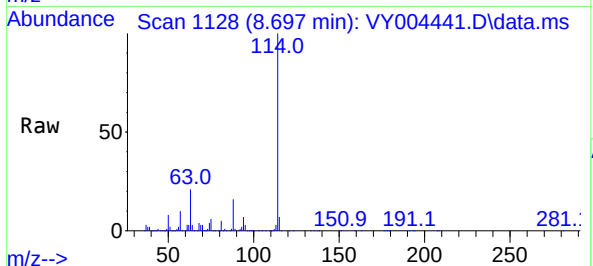


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004441.D
Acq: 15 Apr 2021 15:21

Instrument :
MSVOA_Y
ClientSampleId :
FILL-A-3

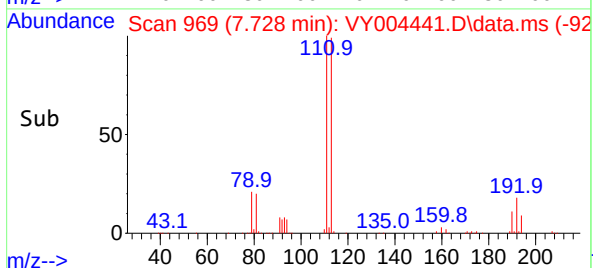
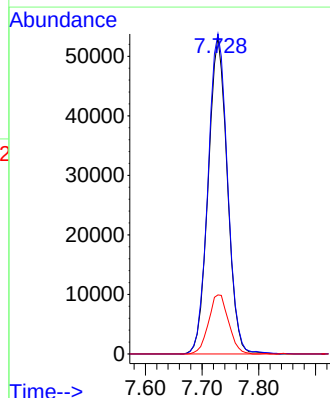
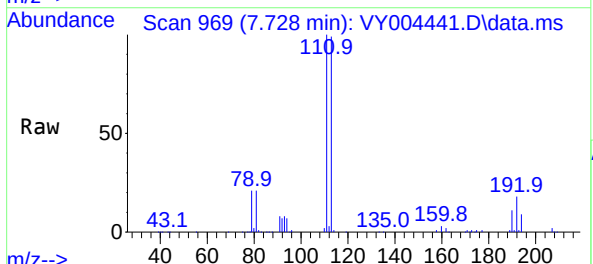
Tgt Ion:	114	Resp:	416736
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	42.4
88	15.7	0.0	30.8

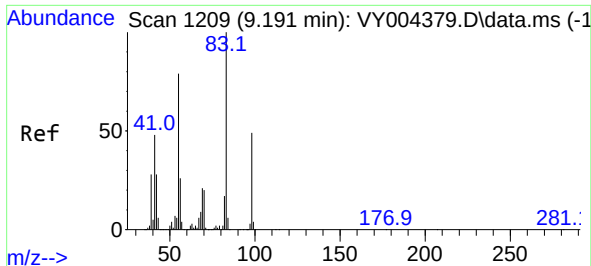


#35

Dibromofluoromethane
Concen: 53.79 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004441.D
Acq: 15 Apr 2021 15:21

Tgt Ion:	113	Resp:	124393
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	123.8
192	19.5	16.1	24.1

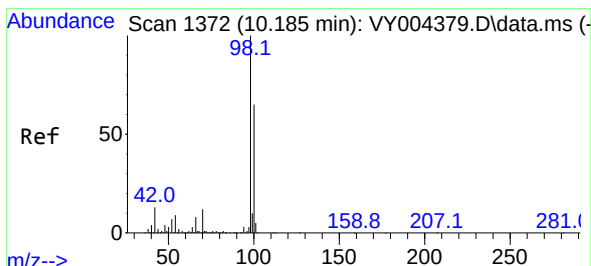
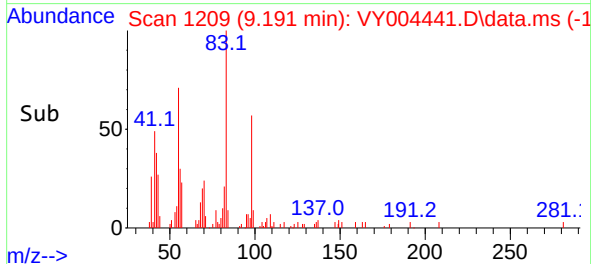
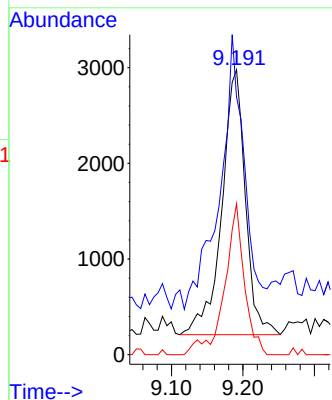
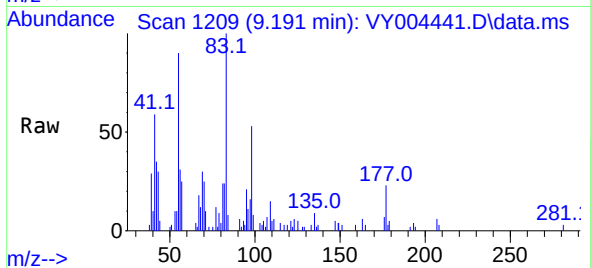




#39
Methylcyclohexane
Concen: 1.25 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.000 min
Lab File: VY004441.D
Acq: 15 Apr 2021 15:21

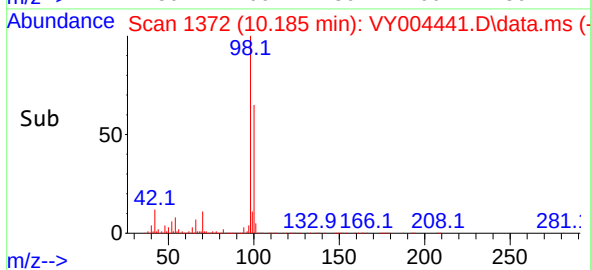
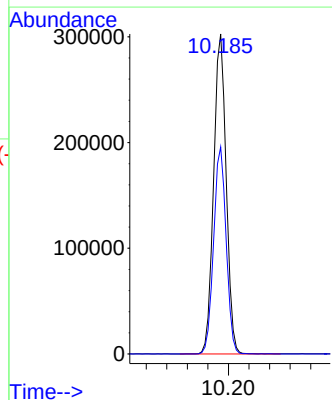
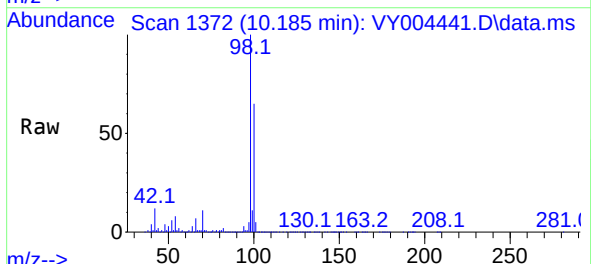
Instrument :
MSVOA_Y
ClientSampleId :
FILL-A-3

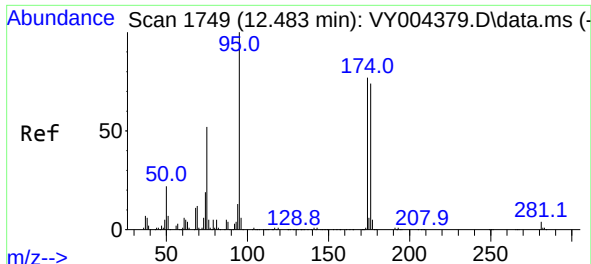
Tgt Ion: 83 Resp: 6358
Ion Ratio Lower Upper
83 100
55 72.8 63.0 94.4
98 57.0 39.2 58.8



#50
Toluene-d8
Concen: 52.08 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004441.D
Acq: 15 Apr 2021 15:21

Tgt Ion: 98 Resp: 512314
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6

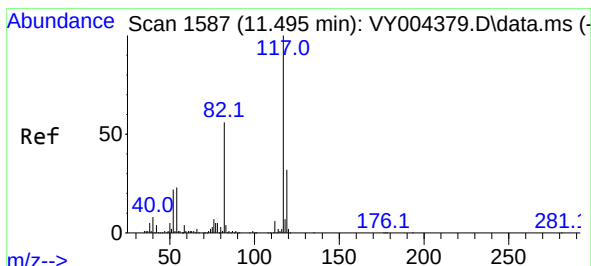
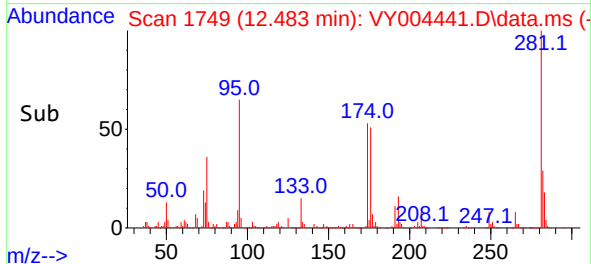
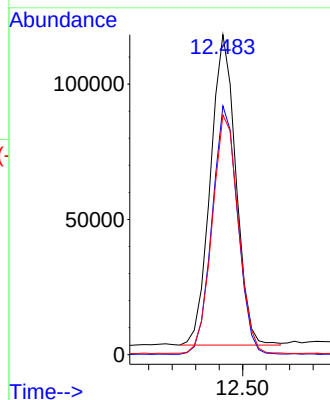
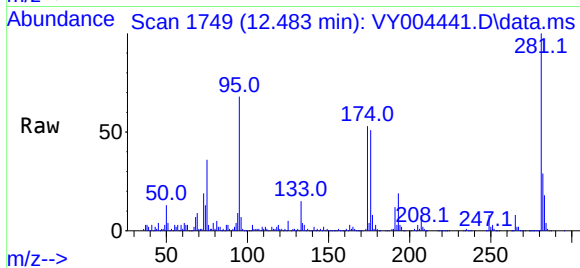




#62
4-Bromofluorobenzene
Concen: 51.70 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004441.D
Acq: 15 Apr 2021 15:21

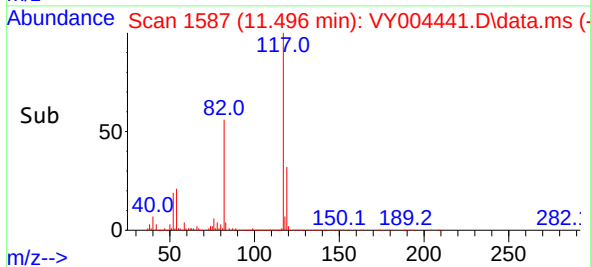
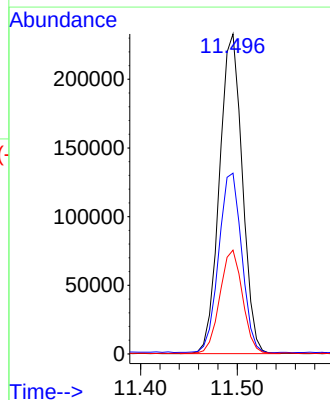
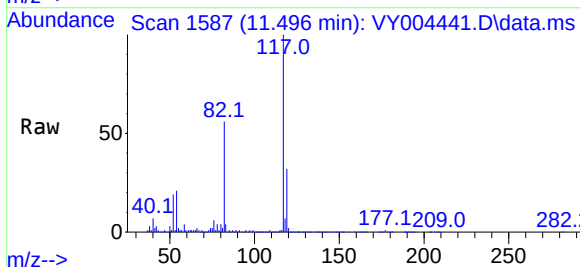
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FILL-A-3

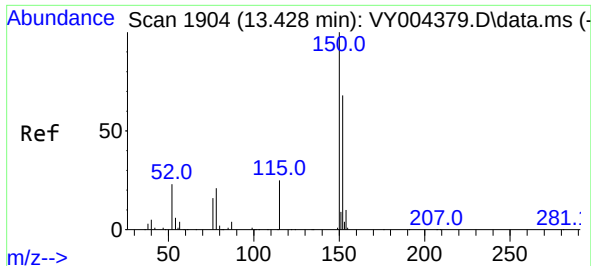
Tgt Ion: 95 Resp: 172574
Ion Ratio Lower Upper
95 100
174 80.4 0.0 162.4
176 78.8 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004441.D
Acq: 15 Apr 2021 15:21

Tgt Ion: 117 Resp: 380936
Ion Ratio Lower Upper
117 100
82 56.1 44.9 67.3
119 32.3 25.4 38.0

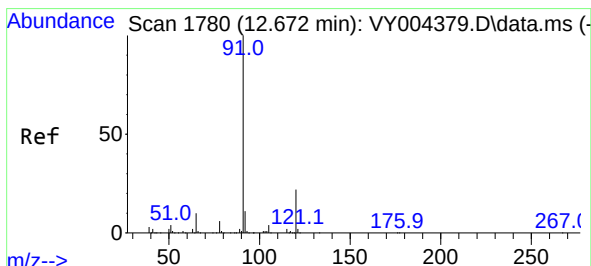
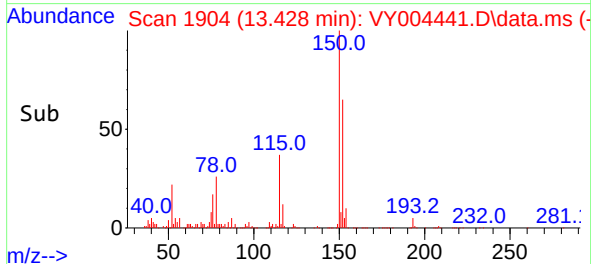
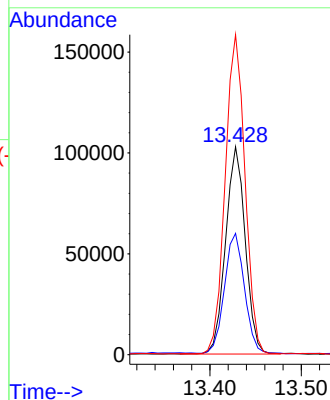
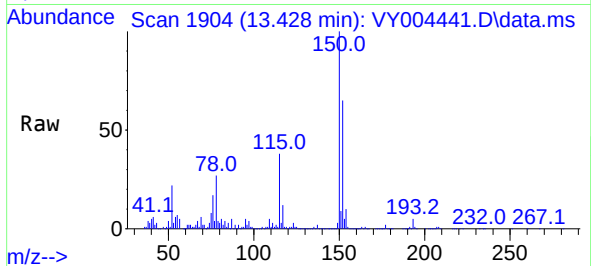




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004441.D
Acq: 15 Apr 2021 15:21

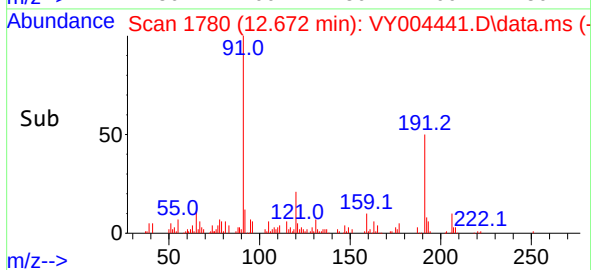
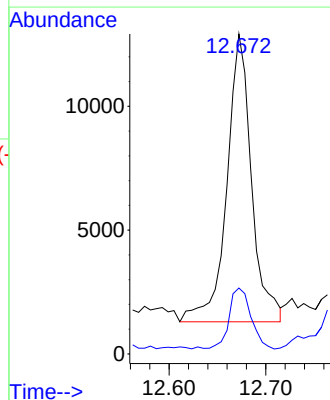
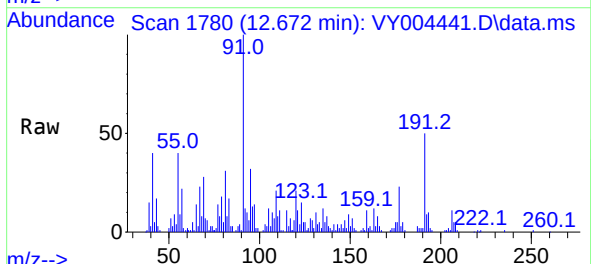
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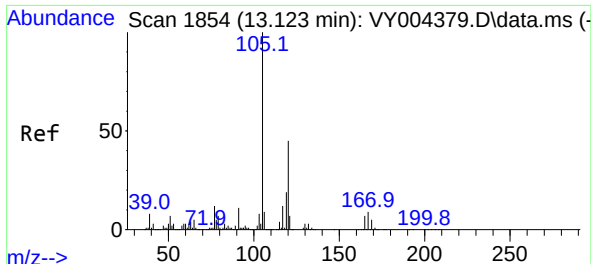
Tgt Ion:152 Resp: 153946
Ion Ratio Lower Upper
152 100
115 59.3 29.6 88.8
150 154.8 0.0 348.4



#78
n-propylbenzene
Concen: 1.47 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004441.D
Acq: 15 Apr 2021 15:21

Tgt Ion: 91 Resp: 20675
Ion Ratio Lower Upper
91 100
120 18.7 11.5 34.4

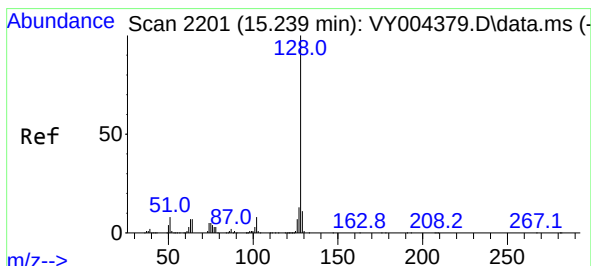
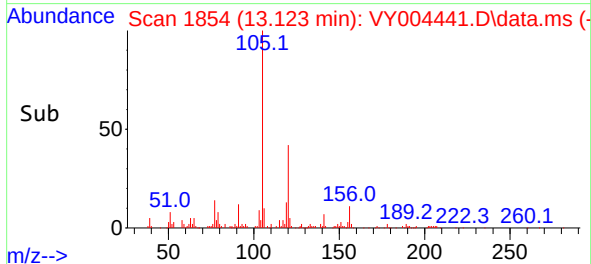
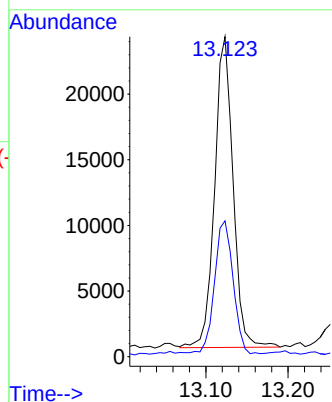
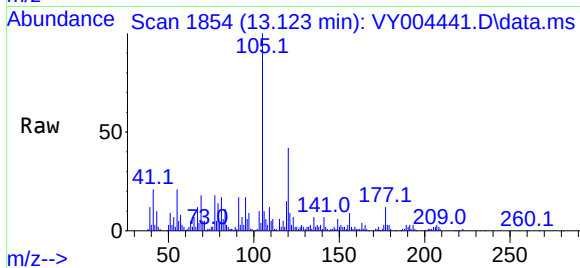




#84
1,2,4-Trimethylbenzene
Concen: 3.78 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004441.D
Acq: 15 Apr 2021 15:21

Instrument :
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ClientSampleId :
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Tgt Ion:105 Resp: 36846
Ion Ratio Lower Upper
105 100
120 43.0 22.4 67.3



#95
Naphthalene
Concen: 5.55 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004441.D
Acq: 15 Apr 2021 15:21

Tgt Ion:128 Resp: 35297
Ion Ratio Lower Upper
128 100
127 14.8 10.2 15.2
129 11.7 8.8 13.2

