

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011421\
 Data File : VY003929.D
 Acq On : 14 Jan 2021 19:10
 Operator : SY/MD
 Sample : M1139-01
 Misc : 6.43G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-01-011421

Quant Time: Jan 15 01:00:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 12 11:47:10 2021
 Response via : Initial Calibration

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

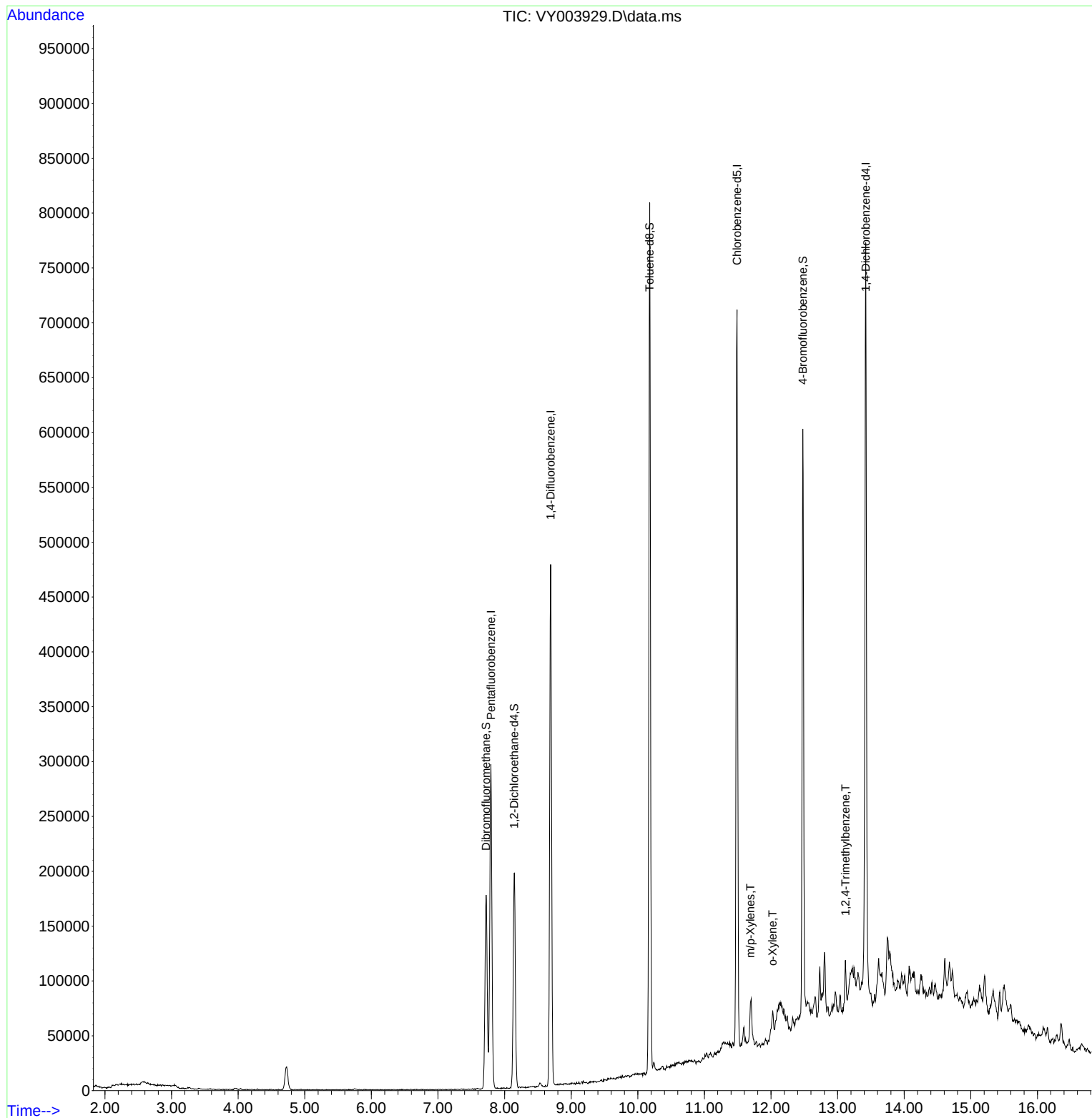
Internal Standards						
1) Pentafluorobenzene	7.795	168	224250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	374909	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	345513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	152795	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	151438	43.47	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.94%
35) Dibromofluoromethane	7.722	113	120500	39.33	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.66%
50) Toluene-d8	10.179	98	479155	38.59	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.18%
62) 4-Bromofluorobenzene	12.477	95	161331	35.58	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.16%
Target Compounds						Qvalue
68) m/p-Xylenes	11.691	106	12484	1.96	ug/l	100
69) o-Xylene	12.026	106	5995	1.00	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	18772	1.60	ug/l	98

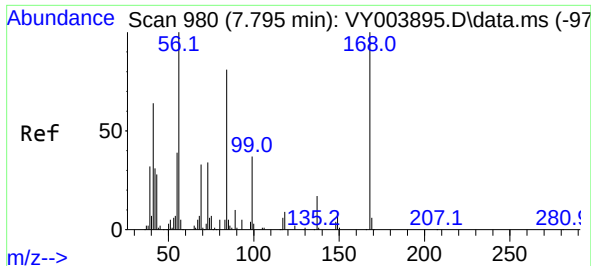
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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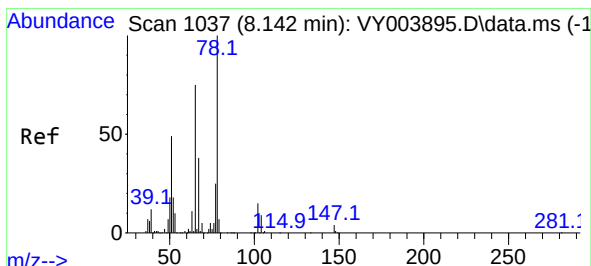
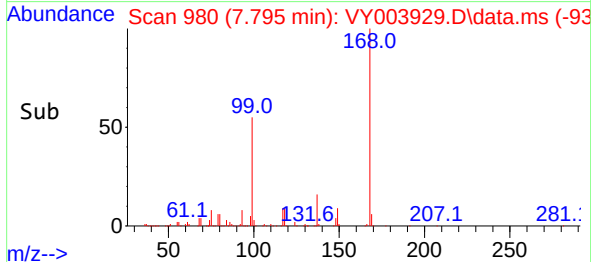
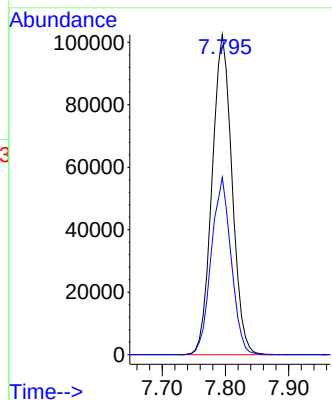
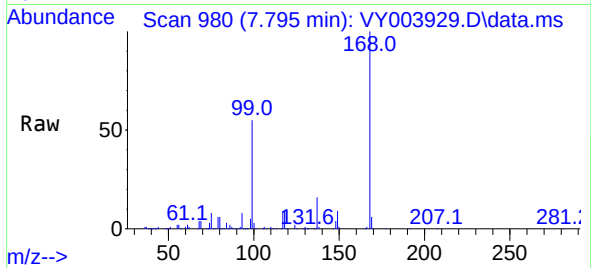




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY003929.D
Acq: 14 Jan 2021 19:10

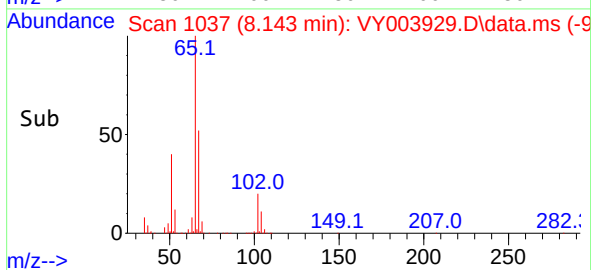
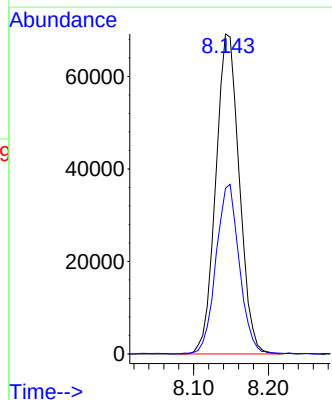
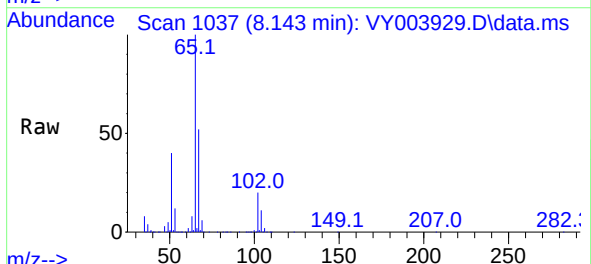
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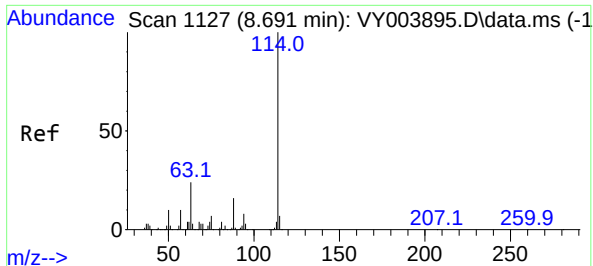
Tgt Ion:168 Resp: 224250
Ion Ratio Lower Upper
168 100
99 55.4 40.4 60.6



#33
1,2-Dichloroethane-d4
Concen: 43.47 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY003929.D
Acq: 14 Jan 2021 19:10

Tgt Ion: 65 Resp: 151438
Ion Ratio Lower Upper
65 100
67 52.9 0.0 102.2

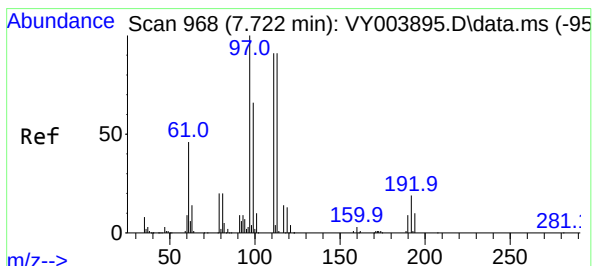
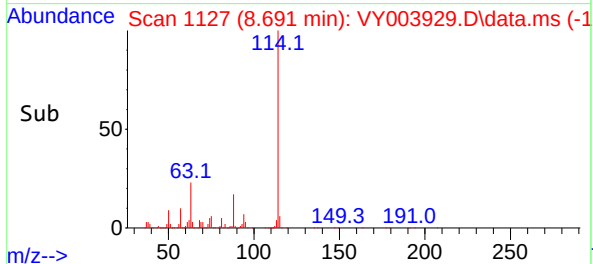
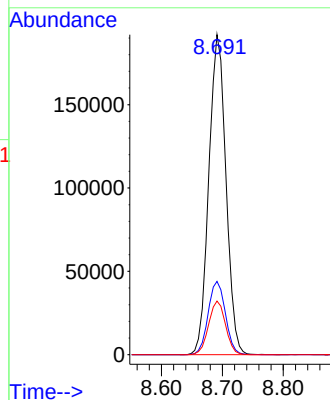
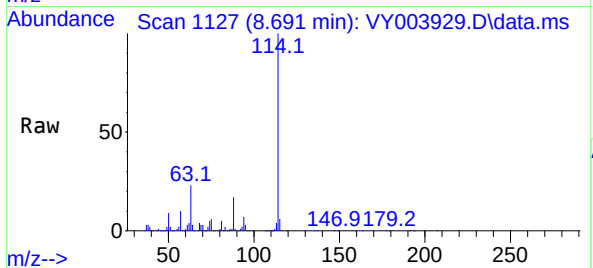




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY003929.D
Acq: 14 Jan 2021 19:10

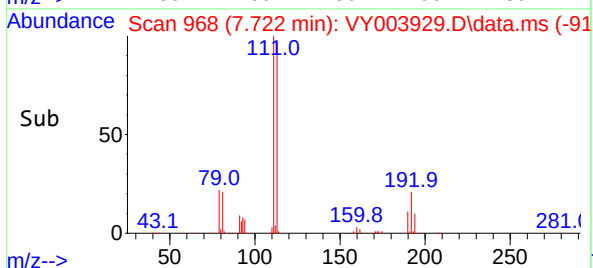
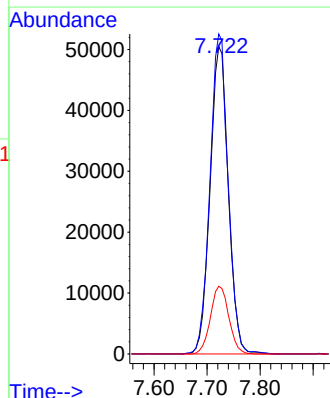
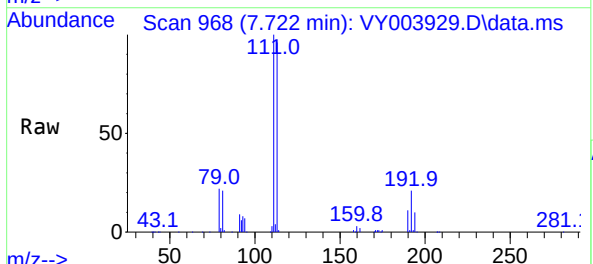
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MSVOA_Y
ClientSampleId :
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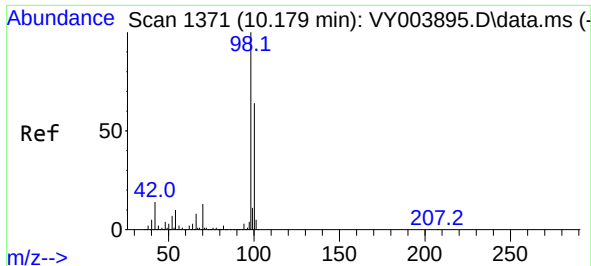
Tgt Ion:	114	Resp:	374909
Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	38.8
88	16.8	0.0	31.4



#35
Dibromofluoromethane
Concen: 39.33 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY003929.D
Acq: 14 Jan 2021 19:10

Tgt Ion:	113	Resp:	120500
Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.0	124.6
192	22.2	19.8	29.6

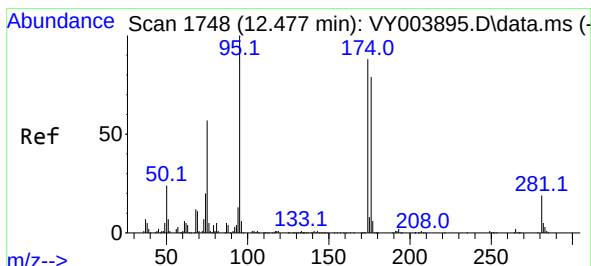
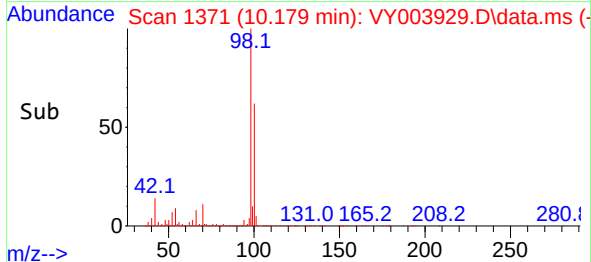
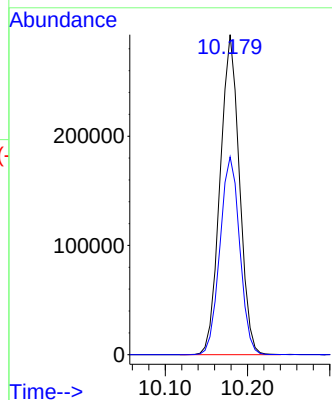
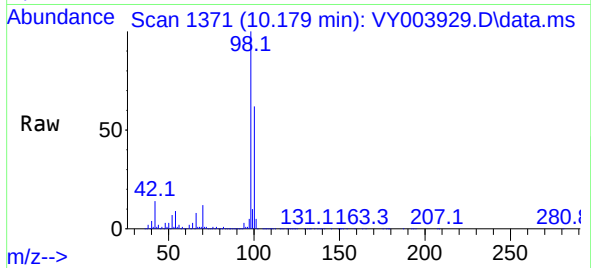




#50
Toluene-d8
Concen: 38.59 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY003929.D
Acq: 14 Jan 2021 19:10

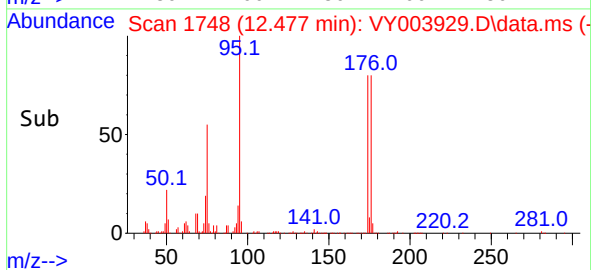
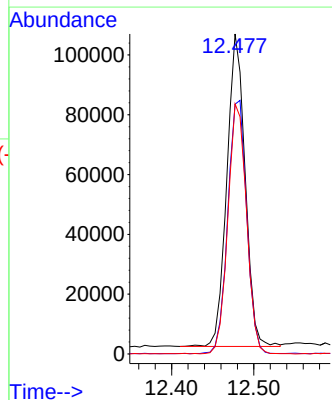
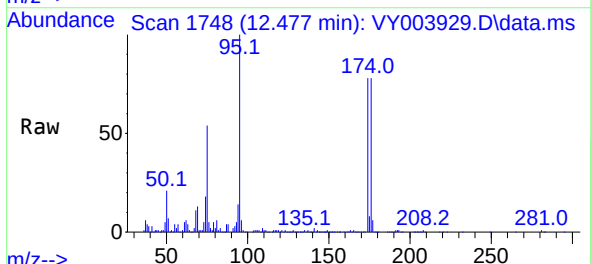
Instrument :
MSVOA_Y
ClientSampleId :
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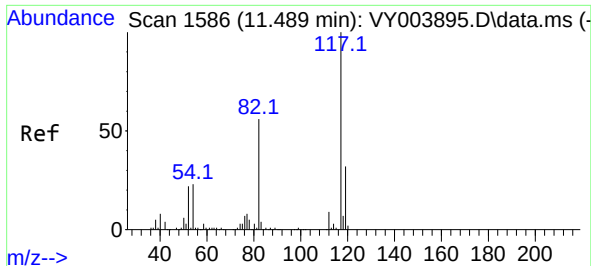
Tgt Ion: 98 Resp: 479155
Ion Ratio Lower Upper
98 100
100 63.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 35.58 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY003929.D
Acq: 14 Jan 2021 19:10

Tgt Ion: 95 Resp: 161331
Ion Ratio Lower Upper
95 100
174 83.6 0.0 193.2
176 81.5 0.0 187.0

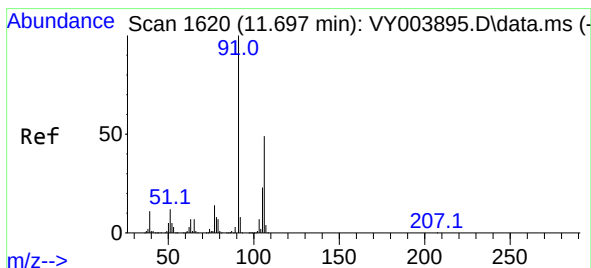
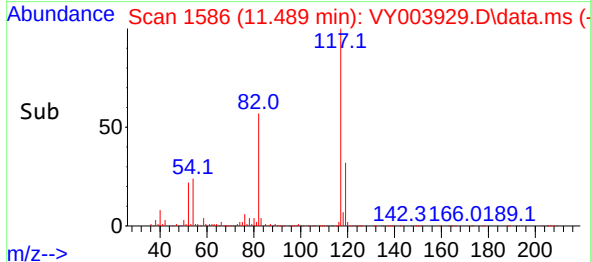
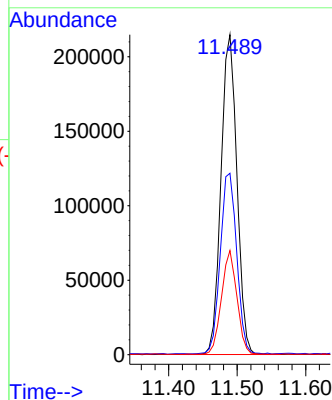
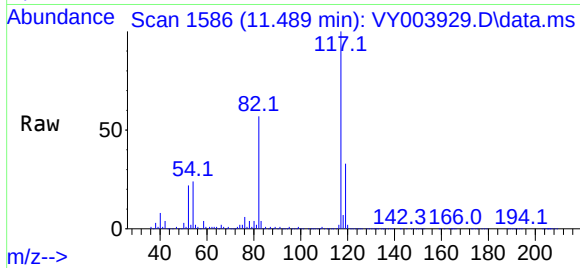




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY003929.D
Acq: 14 Jan 2021 19:10

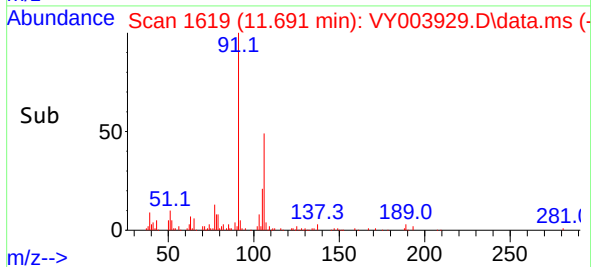
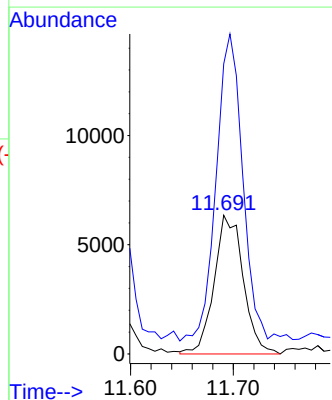
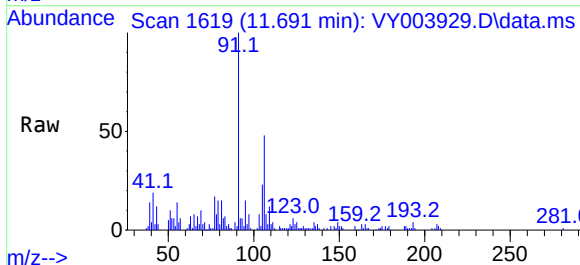
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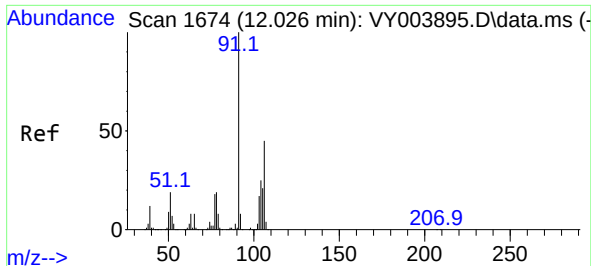
Tgt Ion:117 Resp: 345513
Ion Ratio Lower Upper
117 100
82 56.4 43.9 65.9
119 32.5 26.2 39.4



#68
m/p-Xylenes
Concen: 1.96 ug/l
RT: 11.691 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VY003929.D
Acq: 14 Jan 2021 19:10

Tgt Ion:106 Resp: 12484
Ion Ratio Lower Upper
106 100
91 202.8 162.2 243.4

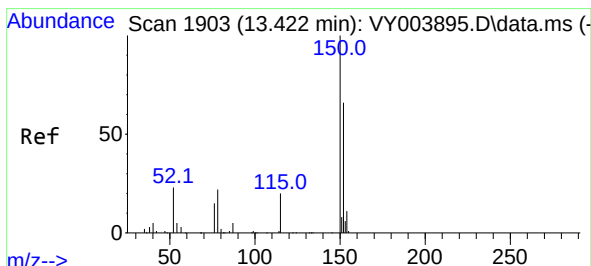
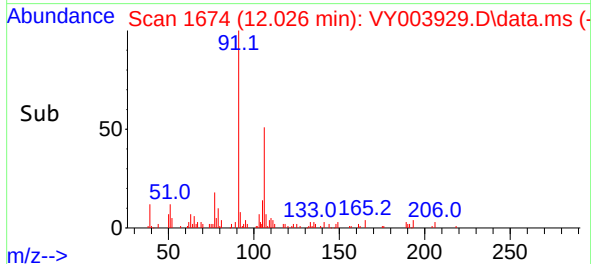
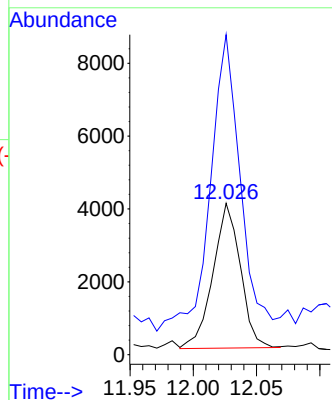
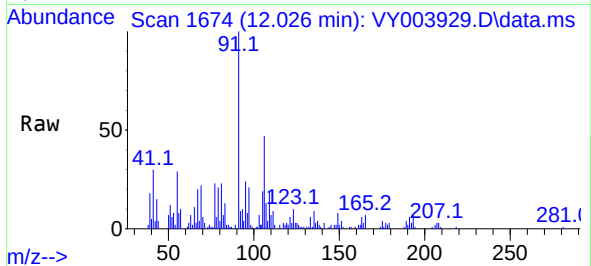




#69
o-Xylene
Concen: 1.00 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY003929.D
Acq: 14 Jan 2021 19:10

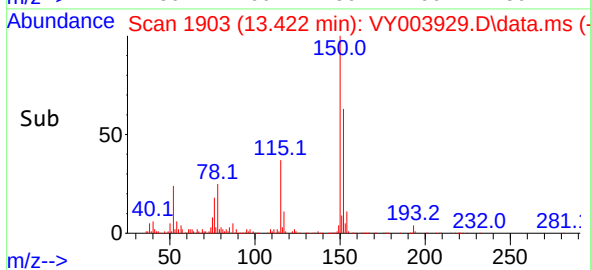
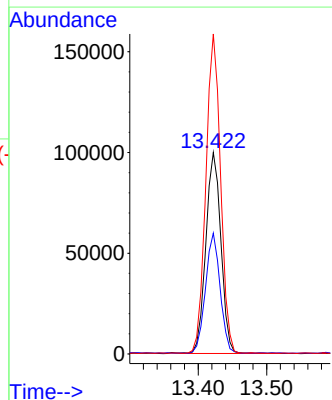
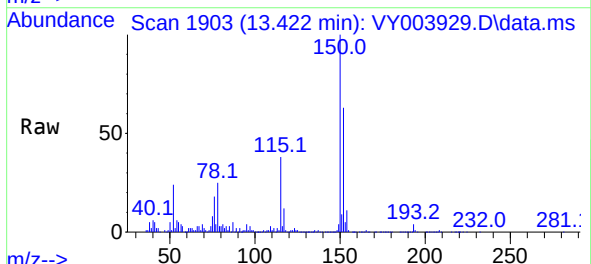
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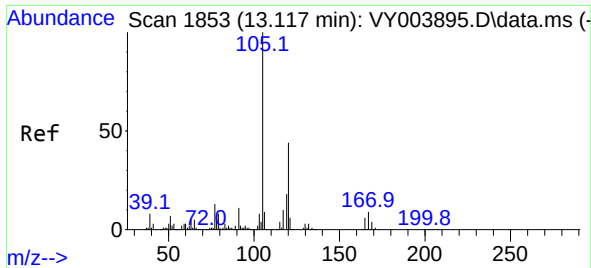
Tgt Ion:106 Resp: 5995
Ion Ratio Lower Upper
106 100
91 223.6 107.6 322.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY003929.D
Acq: 14 Jan 2021 19:10

Tgt Ion:152 Resp: 152795
Ion Ratio Lower Upper
152 100
115 57.8 27.9 83.7
150 155.0 0.0 356.4





#84
 1,2,4-Trimethylbenzene
 Concen: 1.60 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VY003929.D
 Acq: 14 Jan 2021 19:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-01-011421

Tgt Ion:105 Resp: 18772
 Ion Ratio Lower Upper
 105 100
 120 46.8 22.9 68.5

