

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041921\
 Data File : VY004490.D
 Acq On : 19 Apr 2021 12:09
 Operator : SY/MD
 Sample : M2051-05
 Misc : 5.14G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 0124055

Quant Time: Apr 20 01:46:41 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)

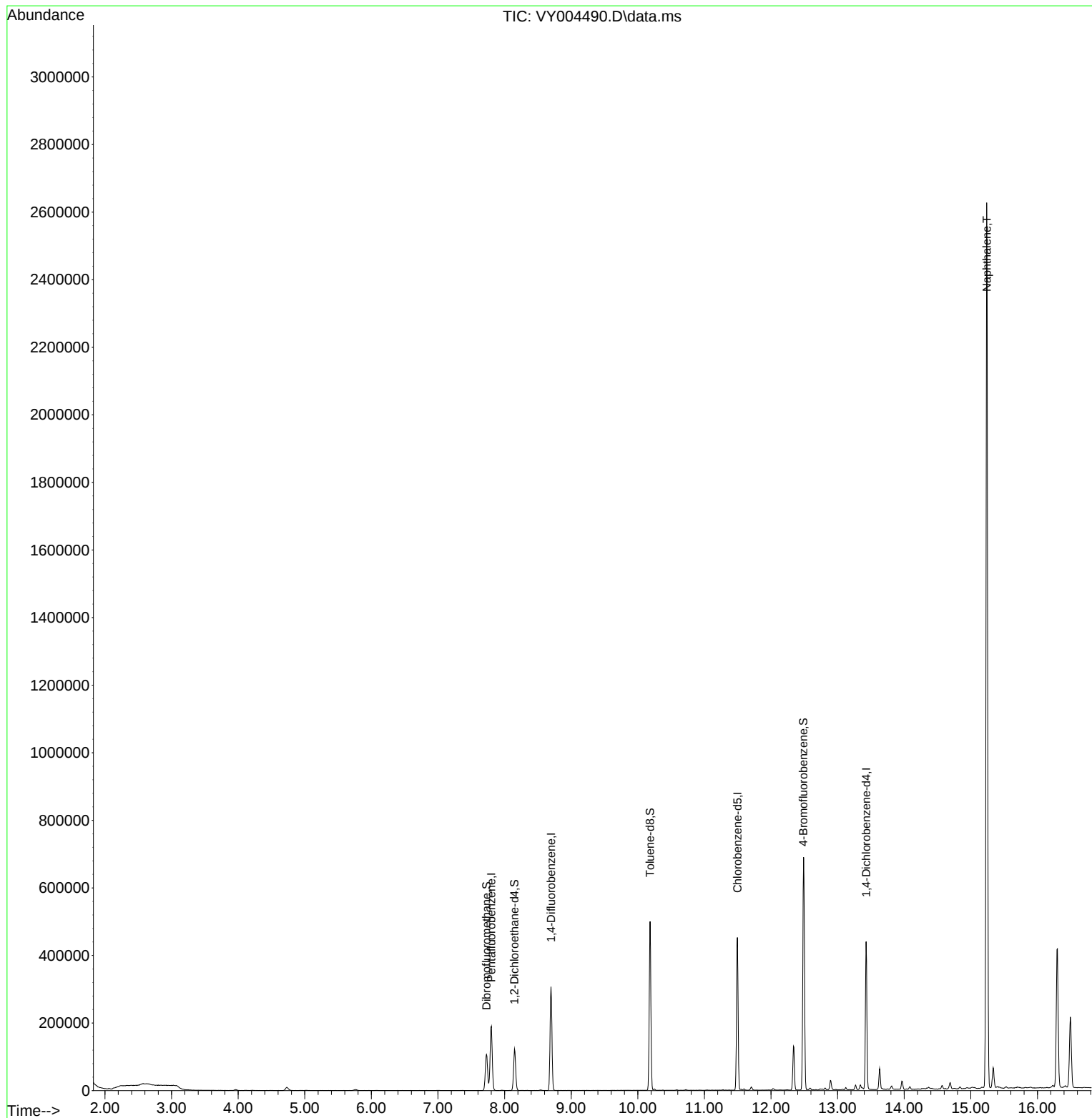
Internal Standards						
1) Pentafluorobenzene	7.801	168	145907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	251174	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	233437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104249	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	91830	56.65	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	113.30%	
35) Dibromofluoromethane	7.728	113	76079	54.58	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	109.16%	
50) Toluene-d8	10.185	98	306968	51.77	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	103.54%	
62) 4-Bromofluorobenzene	12.483	95	106741	53.05	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	106.10%	
Target Compounds						Qvalue
95) Naphthalene	15.239	128	2007751	466.59	ug/l	100

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

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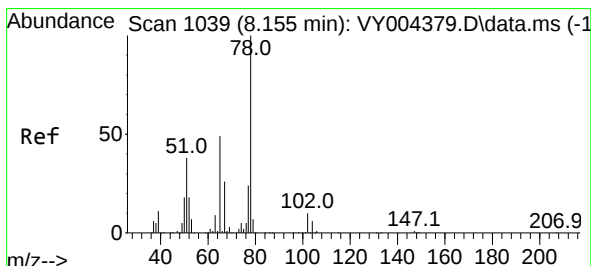
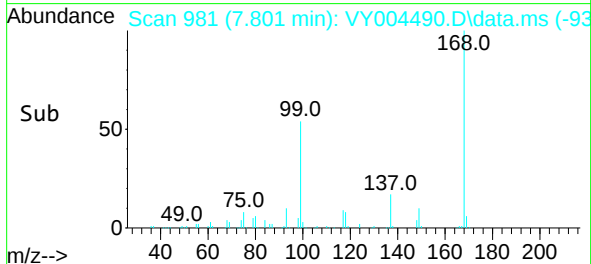
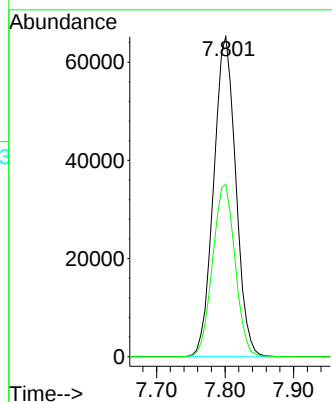
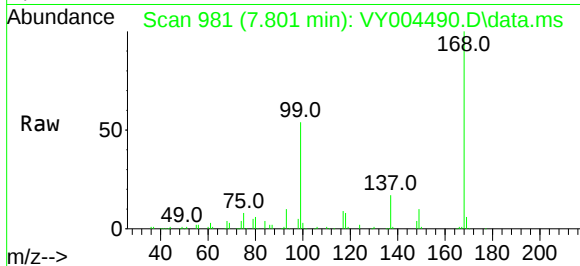




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004490.D
Acq: 19 Apr 2021 12:09

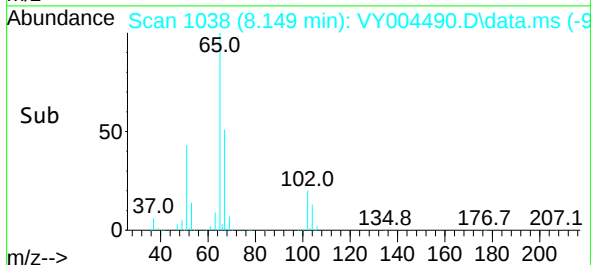
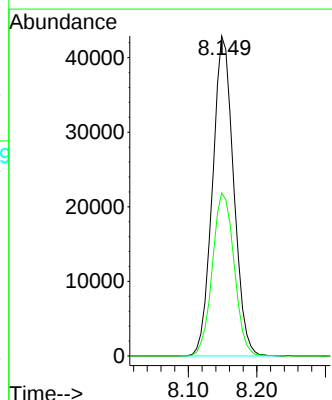
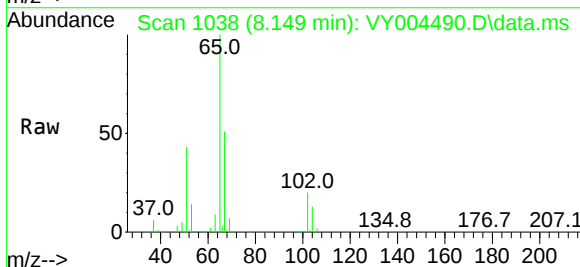
Instrument :
MSVOA_Y
ClientSampleId :
0124055

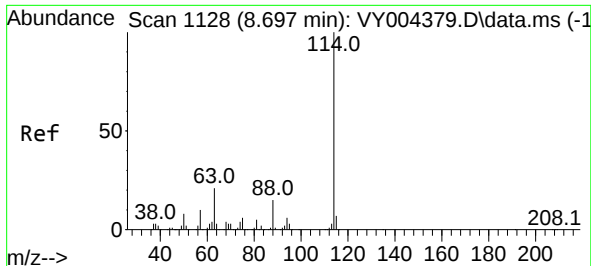
Tgt Ion:168 Resp: 145907
Ion Ratio Lower Upper
168 100
99 53.9 45.5 68.3



#33
1,2-Dichloroethane-d4
Concen: 56.65 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004490.D
Acq: 19 Apr 2021 12:09

Tgt Ion: 65 Resp: 91830
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.4

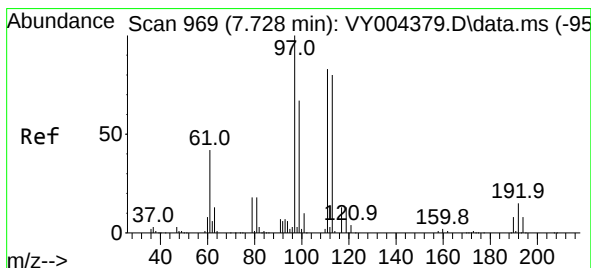
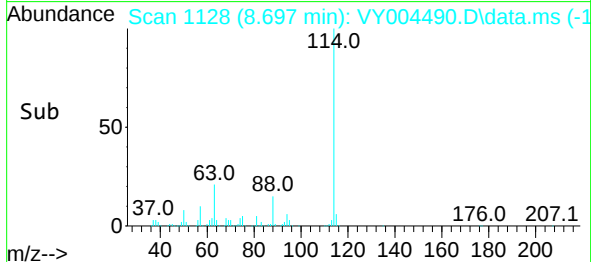
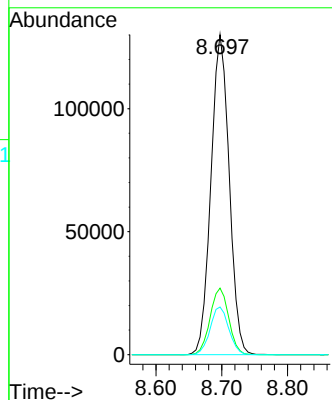
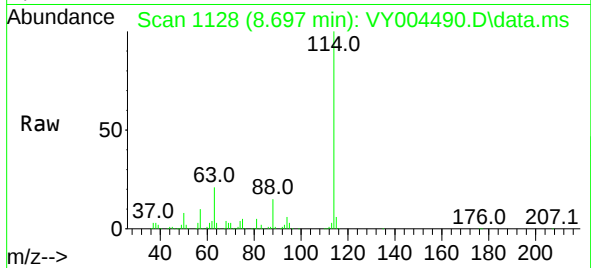




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004490.D
Acq: 19 Apr 2021 12:09

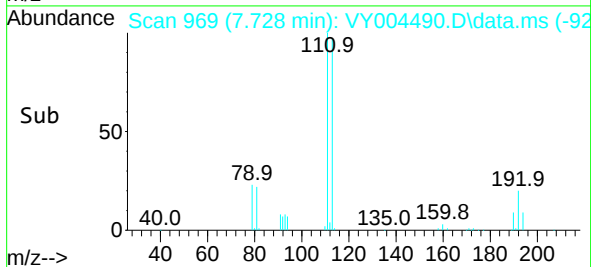
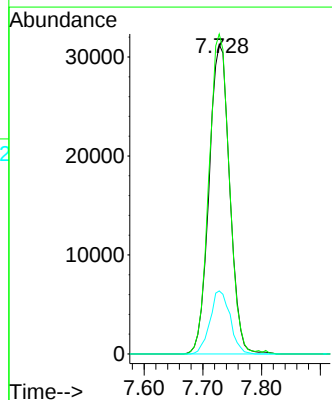
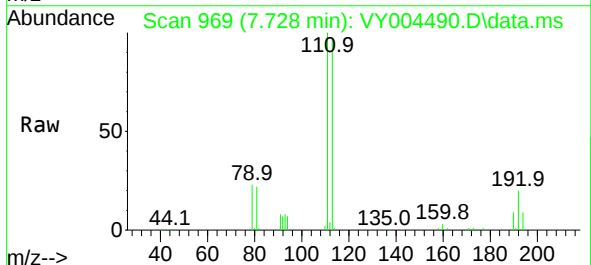
Instrument :
MSVOA_Y
ClientSampleId :
0124055

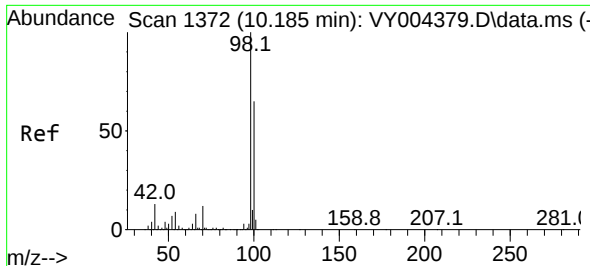
Tgt Ion:114 Resp: 251174
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.4
88 14.9 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.58 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004490.D
Acq: 19 Apr 2021 12:09

Tgt Ion:113 Resp: 76079
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 19.9 16.1 24.1

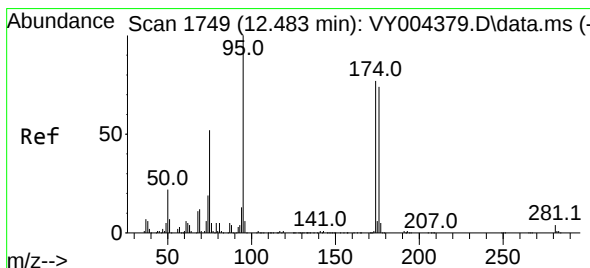
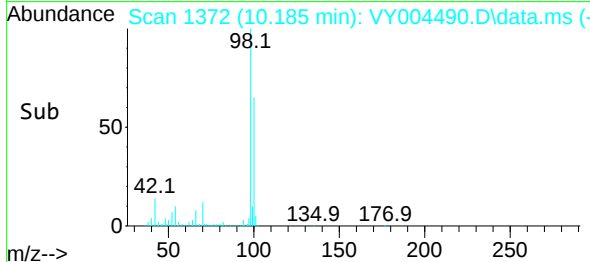
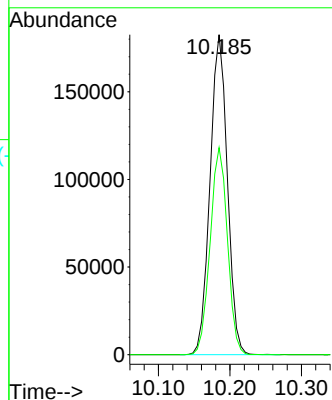
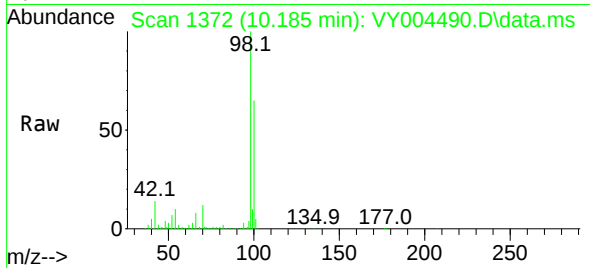




#50
Toluene-d8
Concen: 51.77 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004490.D
Acq: 19 Apr 2021 12:09

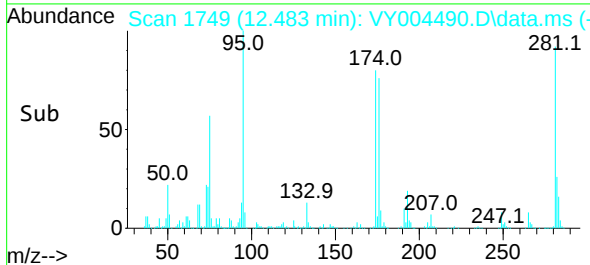
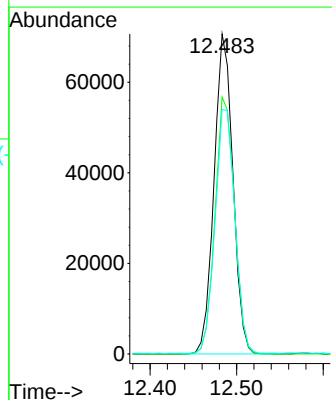
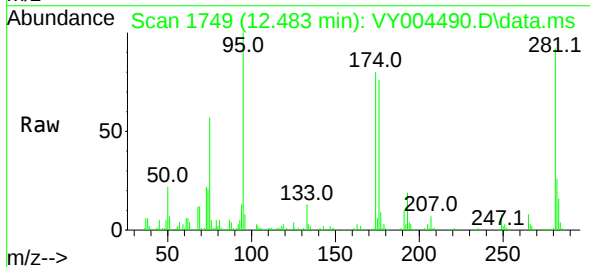
Instrument :
MSVOA_Y
ClientSampleId :
0124055

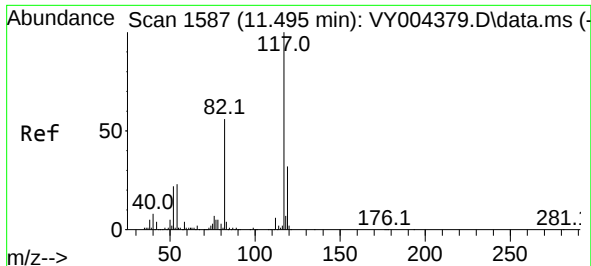
Tgt Ion: 98 Resp: 306968
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.05 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004490.D
Acq: 19 Apr 2021 12:09

Tgt Ion: 95 Resp: 106741
Ion Ratio Lower Upper
95 100
174 82.9 0.0 162.4
176 80.7 0.0 156.0

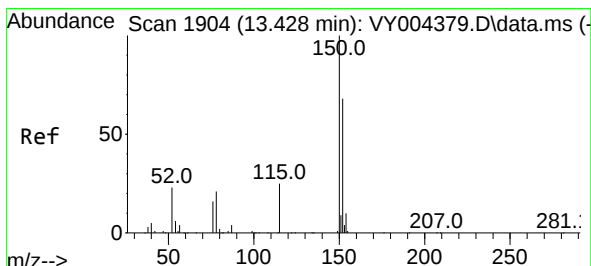
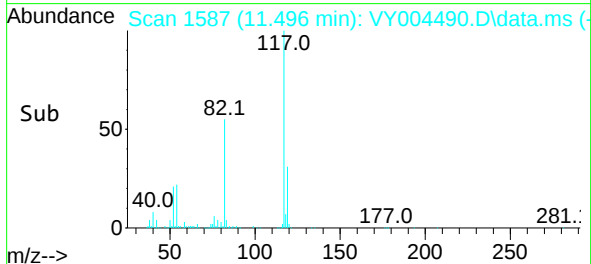
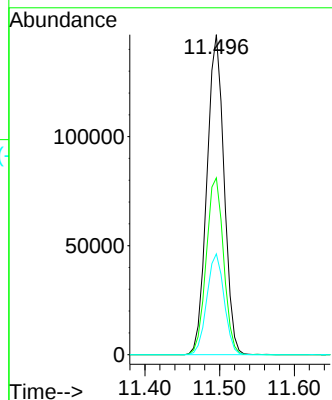
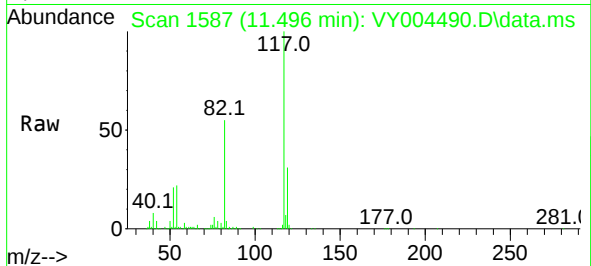




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004490.D
Acq: 19 Apr 2021 12:09

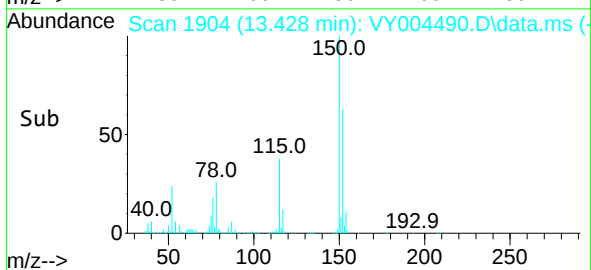
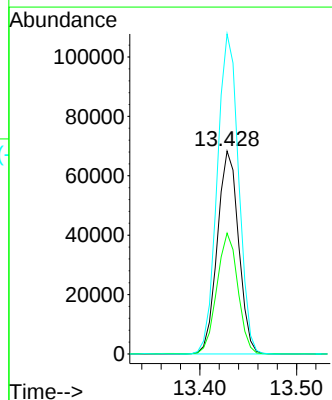
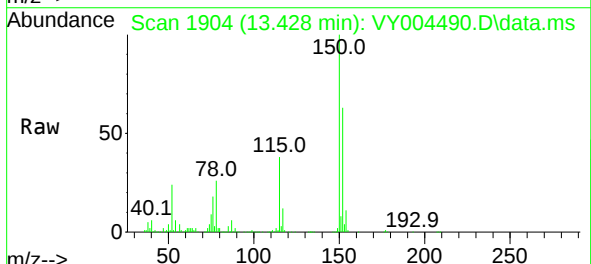
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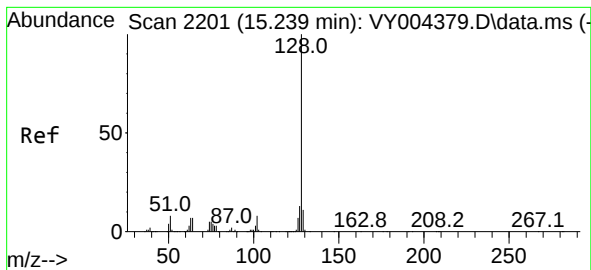
Tgt Ion:117 Resp: 233437
Ion Ratio Lower Upper
117 100
82 55.2 44.9 67.3
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004490.D
Acq: 19 Apr 2021 12:09

Tgt Ion:152 Resp: 104249
Ion Ratio Lower Upper
152 100
115 58.9 29.6 88.8
150 158.7 0.0 348.4





#95
Naphthalene
Concen: 466.59 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004490.D
Acq: 19 Apr 2021 12:09

Instrument :
MSVOA_Y
ClientSampleId :
0124055

Tgt Ion:128 Resp: 2007751
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.9 8.8 13.2

