

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007729.D
 Acq On : 04 Mar 2022 02:07
 Operator : SY/MD
 Sample : N1730-08
 Misc : 6.52g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 15-16-SAMPLE-LOCATION-8

Quant Time: Mar 04 07:31:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

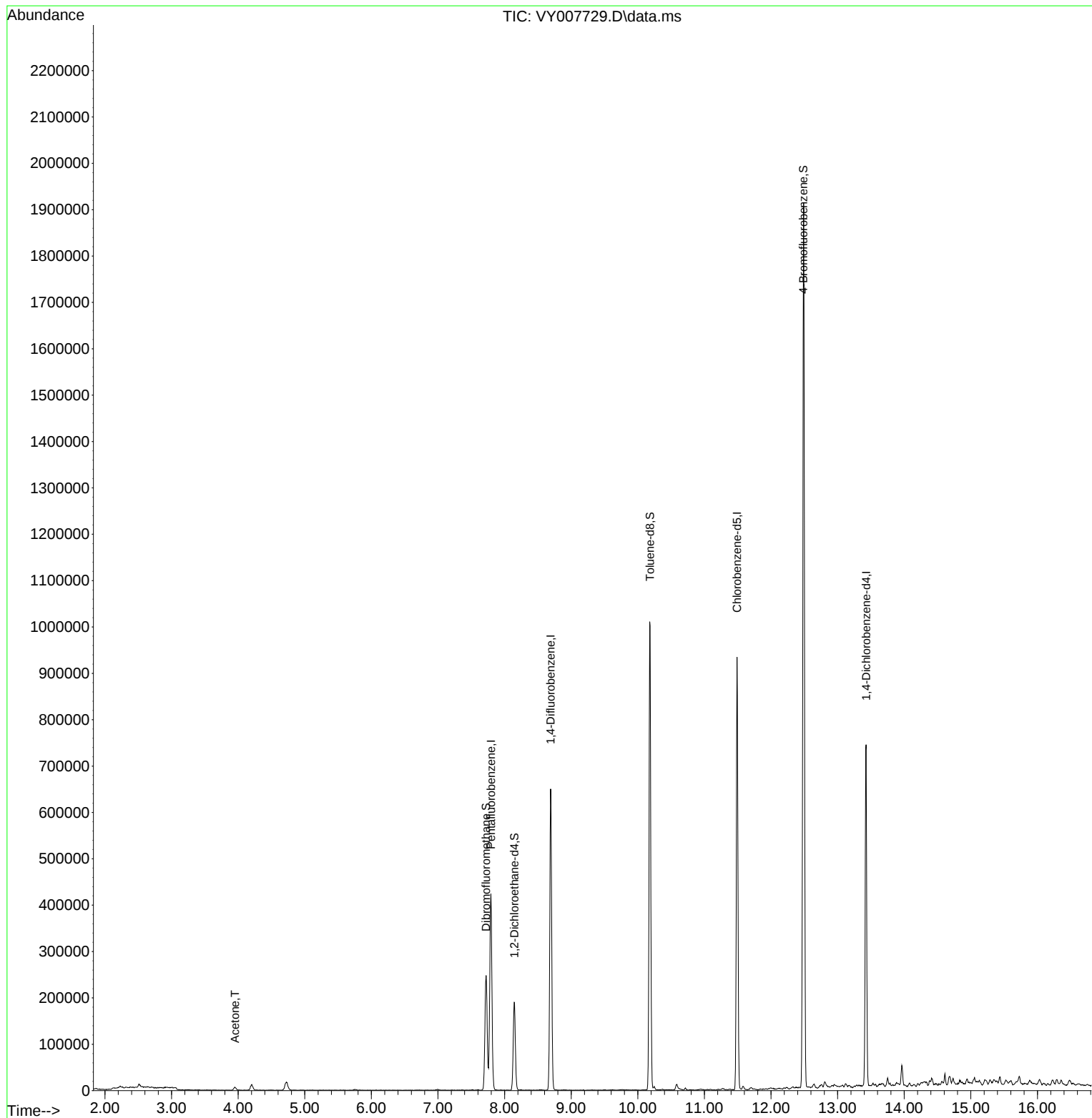
Internal Standards						
1) Pentafluorobenzene	7.795	168	343039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	568340	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	505298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	191087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	147504	41.073	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.140%
35) Dibromofluoromethane	7.722	113	171128	47.096	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.200%
50) Toluene-d8	10.185	98	683314	51.087	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.180%
62) 4-Bromofluorobenzene	12.483	95	193747	44.937	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.880%
Target Compounds						
16) Acetone	3.954	43	10206	13.970	ug/l	Qvalue 94

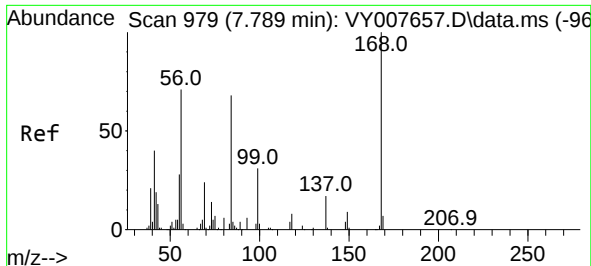
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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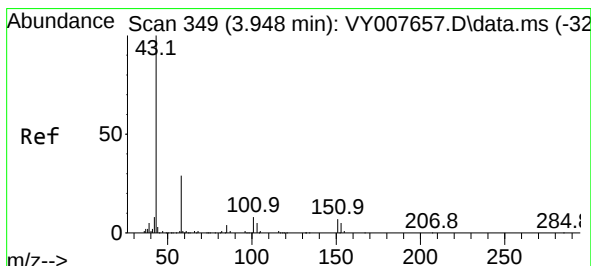
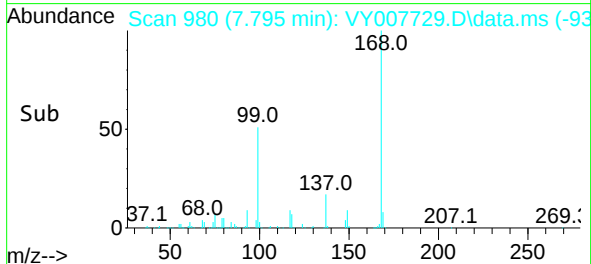
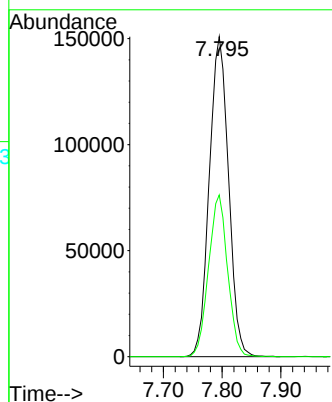
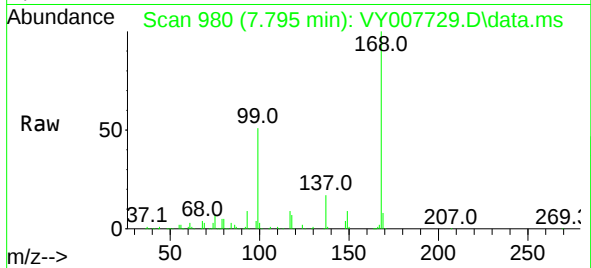




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007729.D
Acq: 04 Mar 2022 02:07

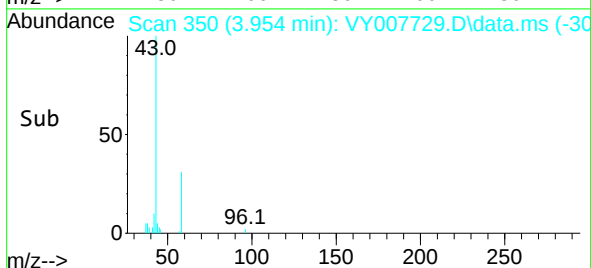
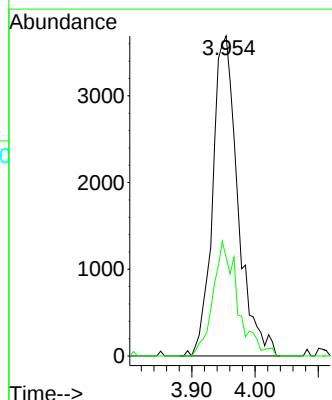
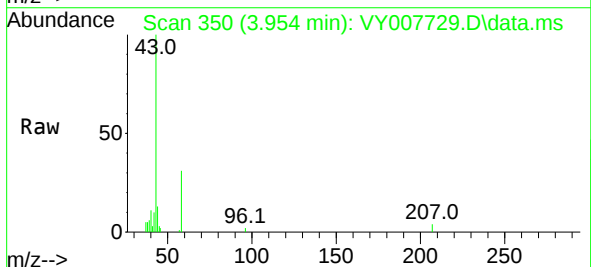
Instrument :
MSVOA_Y
ClientSampleId :
15-16-SAMPLE-LOCATION-8

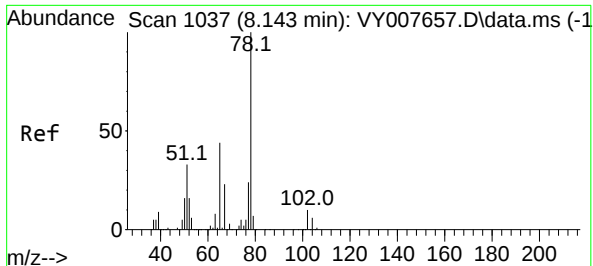
Tgt Ion:168 Resp: 343039
Ion Ratio Lower Upper
168 100
99 50.6 46.9 70.3



#16
Acetone
Concen: 13.970 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007729.D
Acq: 04 Mar 2022 02:07

Tgt Ion: 43 Resp: 10206
Ion Ratio Lower Upper
43 100
58 30.8 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 41.073 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY007729.D

Acq: 04 Mar 2022 02:07

Instrument :

MSVOA_Y

ClientSampleId :

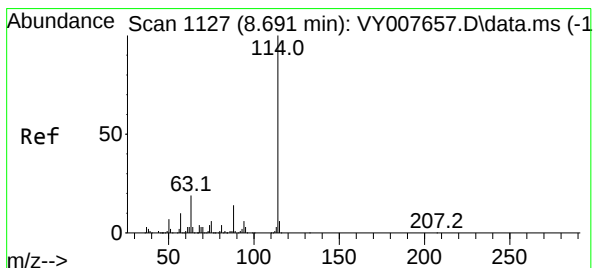
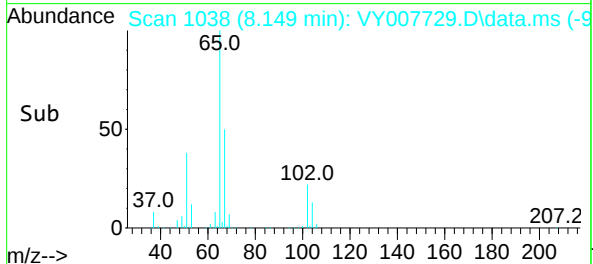
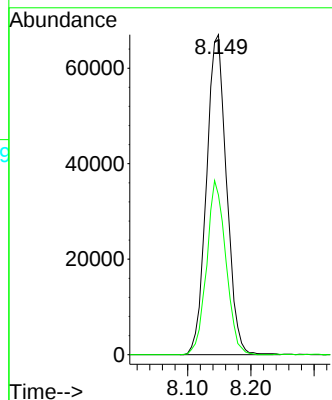
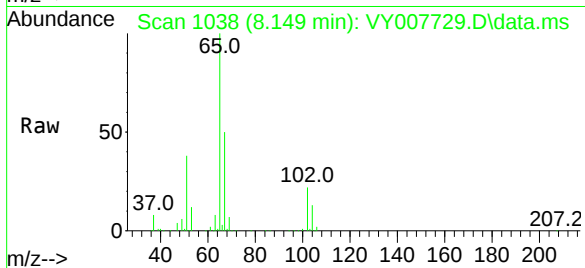
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Tgt Ion: 65 Resp: 147504

Ion Ratio Lower Upper

65 100

67 52.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007729.D

Acq: 04 Mar 2022 02:07

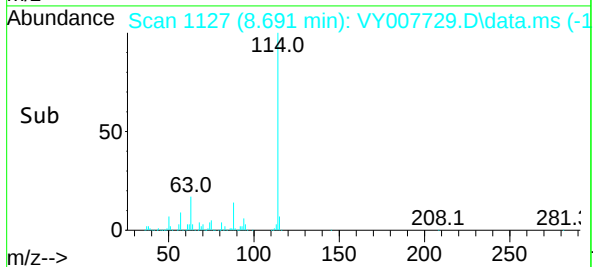
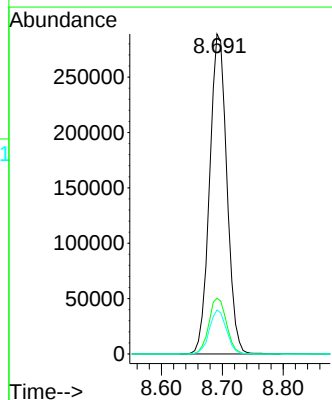
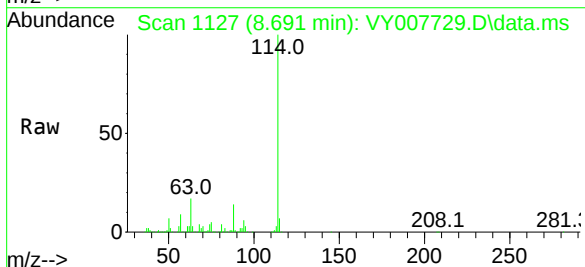
Tgt Ion: 114 Resp: 568340

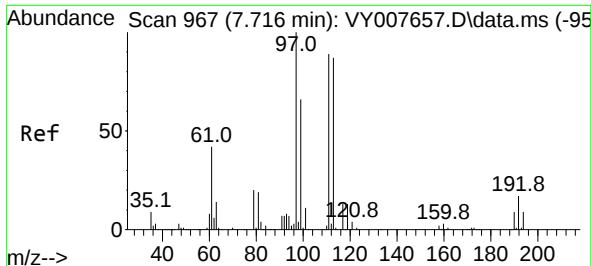
Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 13.7 0.0 31.8

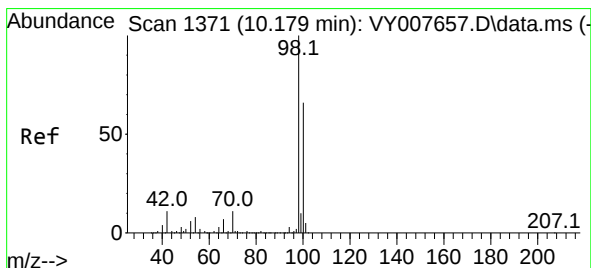
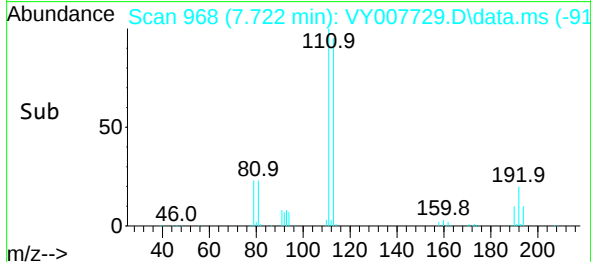
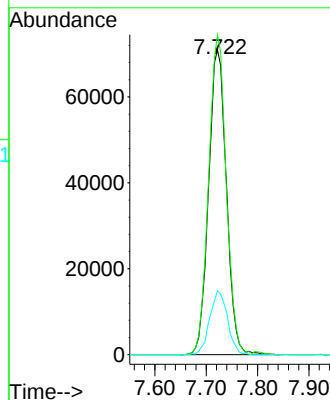
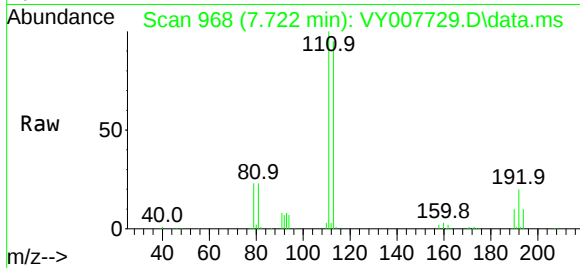




#35
Dibromofluoromethane
Concen: 47.096 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007729.D
Acq: 04 Mar 2022 02:07

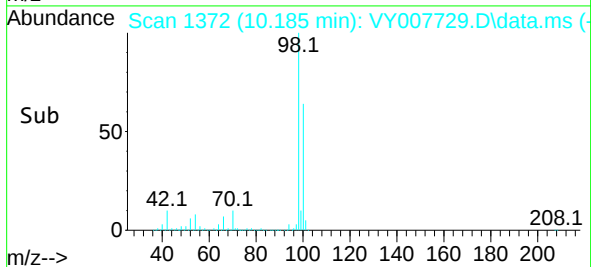
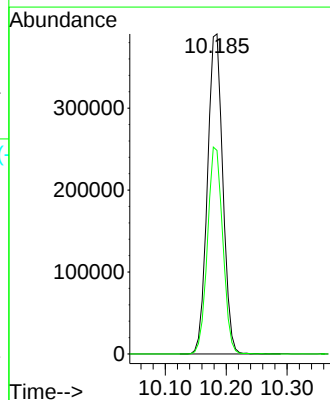
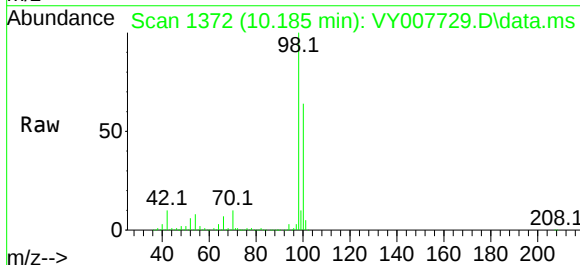
Instrument :
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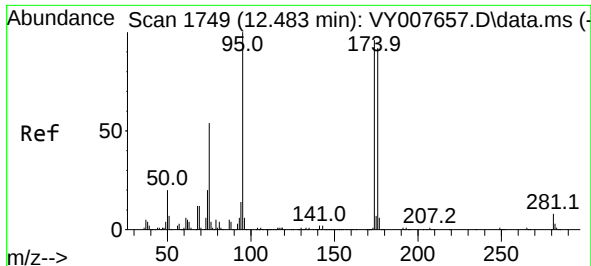
Tgt Ion:113 Resp: 171128
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 20.8 17.6 26.4



#50
Toluene-d8
Concen: 51.087 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY007729.D
Acq: 04 Mar 2022 02:07

Tgt Ion: 98 Resp: 683314
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2

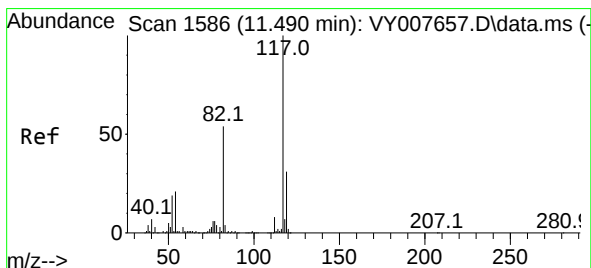
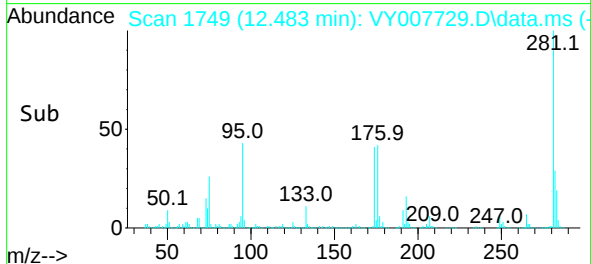
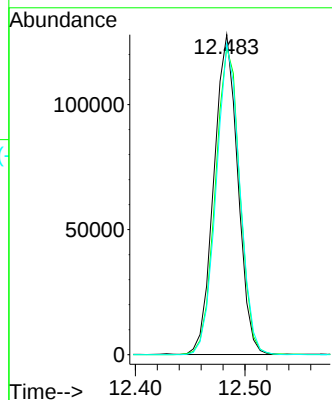
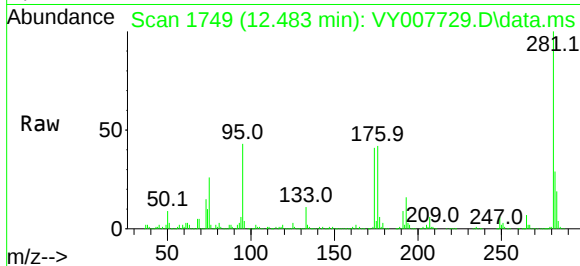




#62
4-Bromofluorobenzene
Concen: 44.937 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007729.D
Acq: 04 Mar 2022 02:07

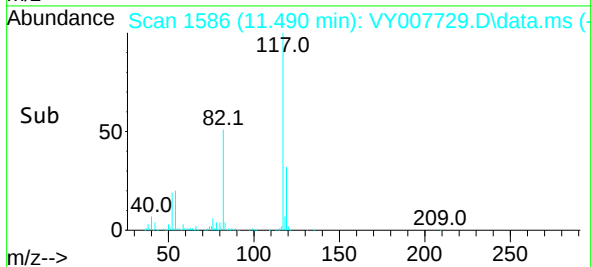
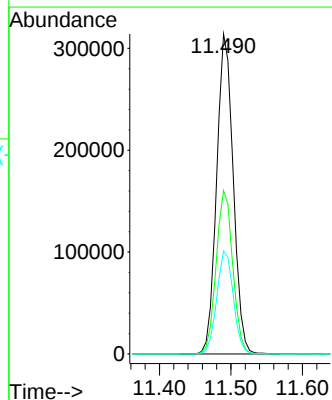
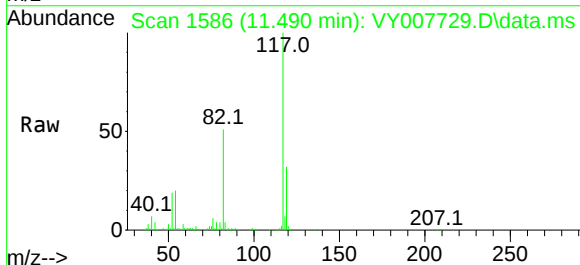
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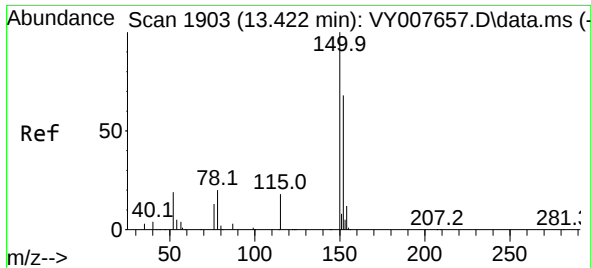
Tgt Ion: 95 Resp: 193747
Ion Ratio Lower Upper
95 100
174 98.1 0.0 177.0
176 96.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007729.D
Acq: 04 Mar 2022 02:07

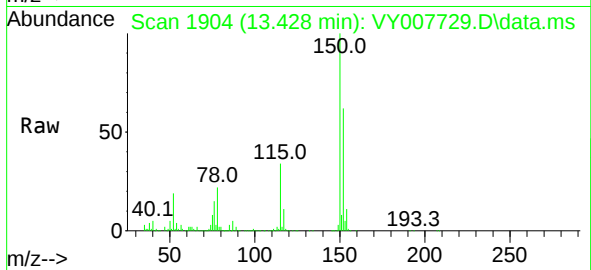
Tgt Ion: 117 Resp: 505298
Ion Ratio Lower Upper
117 100
82 51.0 43.0 64.4
119 32.2 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY007729.D
 Acq: 04 Mar 2022 02:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 15-16-SAMPLE-LOCATION-8



Tgt Ion:152 Resp: 191087
 Ion Ratio Lower Upper
 152 100
 115 53.4 28.2 84.7
 150 155.4 0.0 347.6

