

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007731.D
 Acq On : 04 Mar 2022 02:54
 Operator : SY/MD
 Sample : N1730-10
 Misc : 6.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 19-20-SAMPLE-LOCATION-10

Quant Time: Mar 04 07:31:46 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	318824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	528640	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	469797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	182074	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	127492	38.196	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.400%
35) Dibromofluoromethane	7.722	113	152088	45.000	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.000%
50) Toluene-d8	10.185	98	629573	50.604	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.200%
62) 4-Bromofluorobenzene	12.483	95	174148	43.425	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.860%

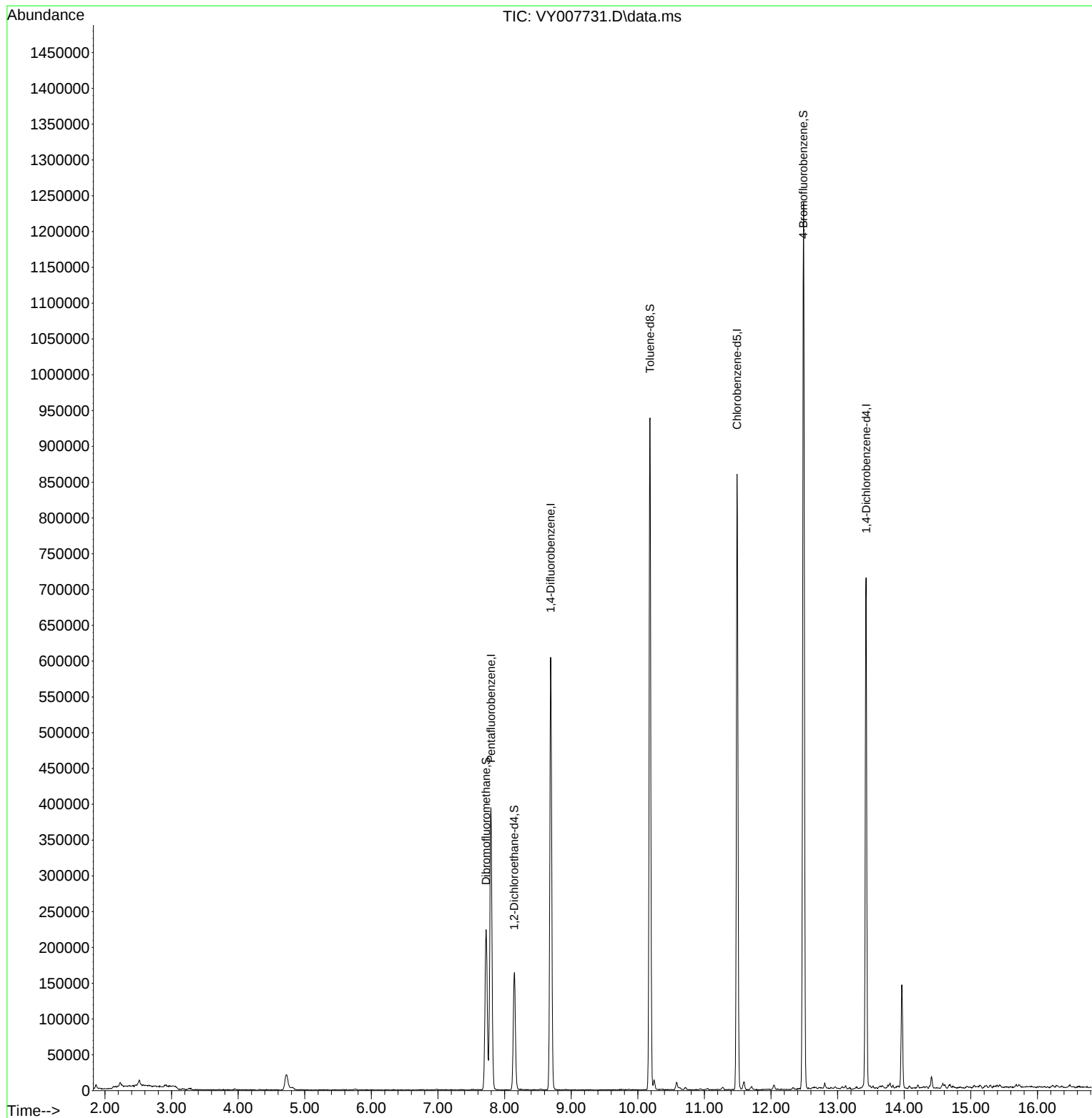
Target Compounds	Qvalue

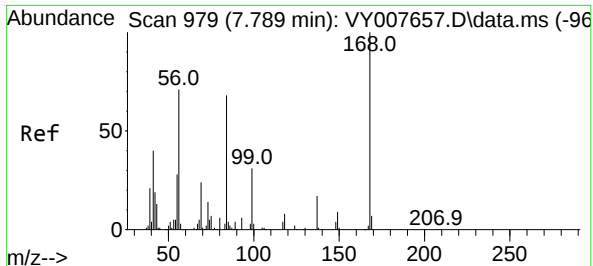
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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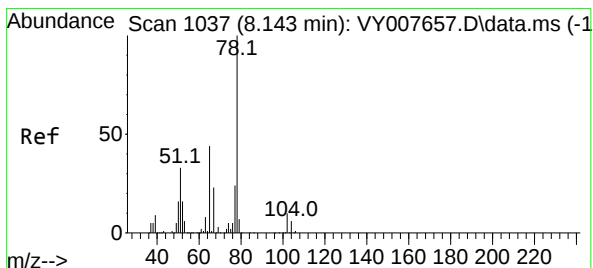
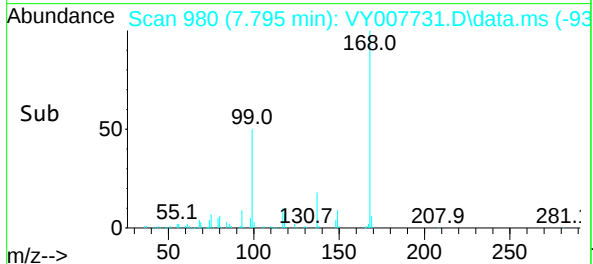
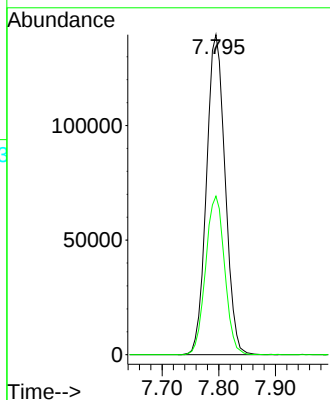
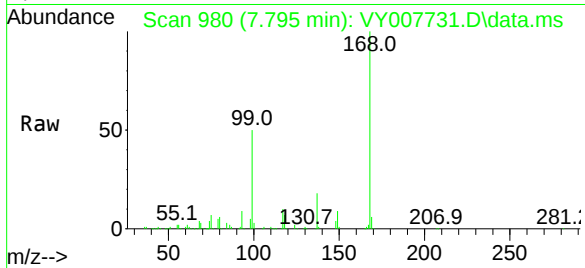




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007731.D
Acq: 04 Mar 2022 02:54

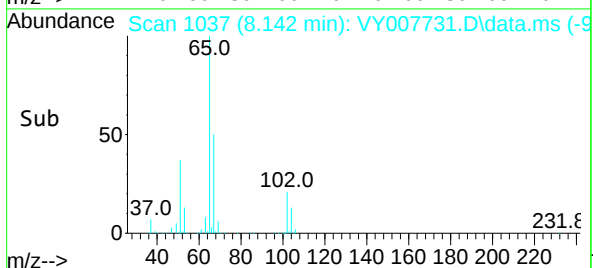
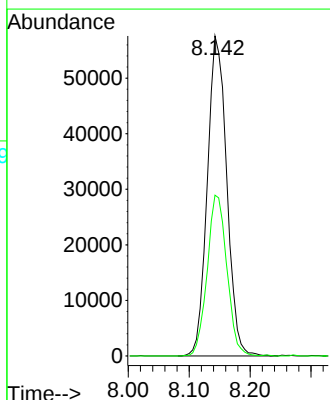
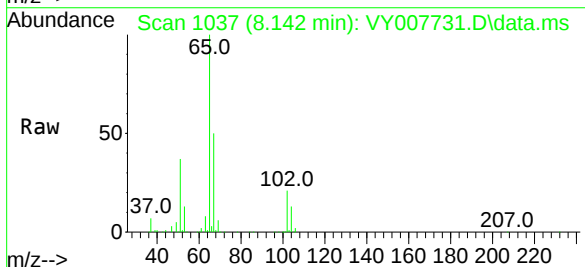
Instrument :
MSVOA_Y
ClientSampleId :
19-20-SAMPLE-LOCATION-10

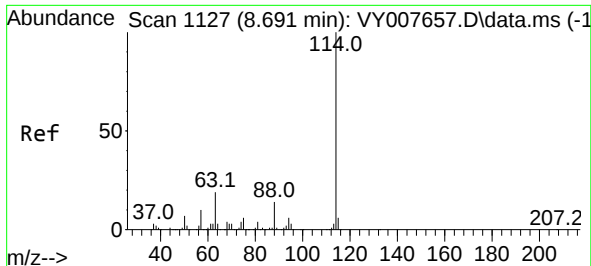
Tgt Ion:168 Resp: 318824
Ion Ratio Lower Upper
168 100
99 49.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 38.196 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007731.D
Acq: 04 Mar 2022 02:54

Tgt Ion: 65 Resp: 127492
Ion Ratio Lower Upper
65 100
67 51.0 0.0 99.4

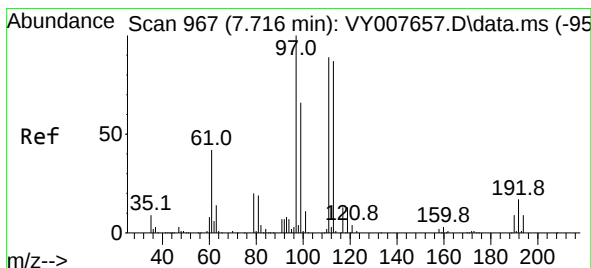
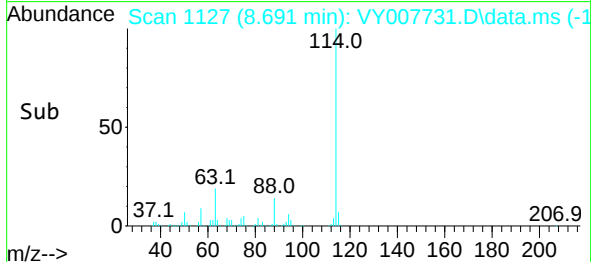
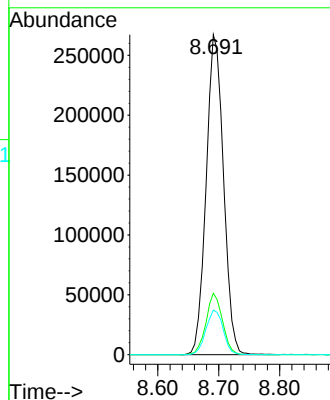
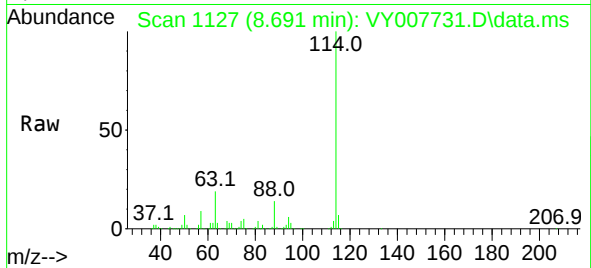




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007731.D
Acq: 04 Mar 2022 02:54

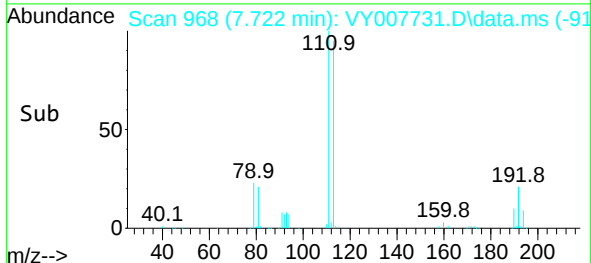
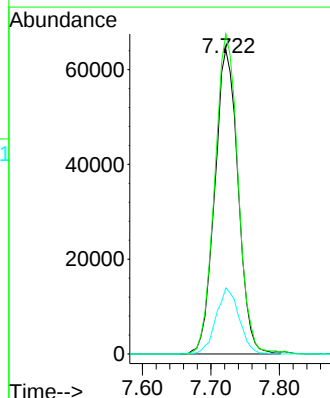
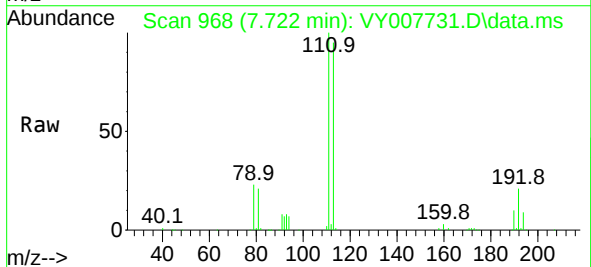
Instrument :
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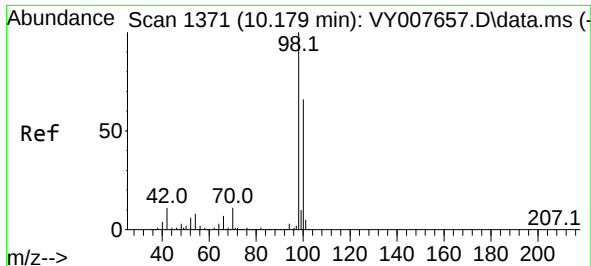
Tgt Ion:114 Resp: 528640
Ion Ratio Lower Upper
114 100
63 19.2 0.0 43.2
88 14.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 45.000 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007731.D
Acq: 04 Mar 2022 02:54

Tgt Ion:113 Resp: 152088
Ion Ratio Lower Upper
113 100
111 105.3 82.6 124.0
192 21.3 17.6 26.4

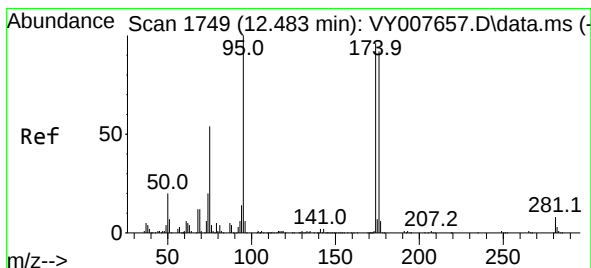
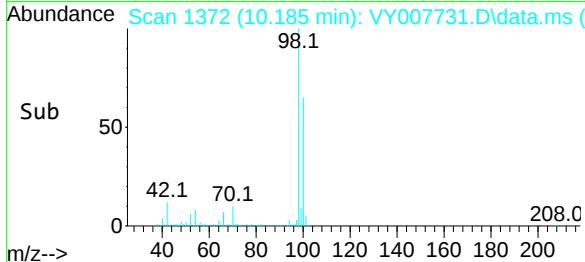
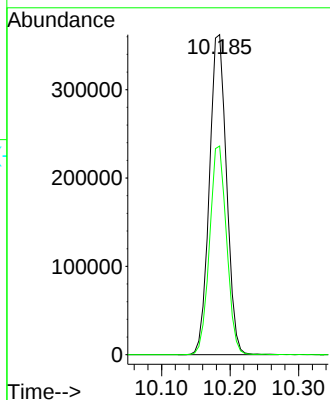
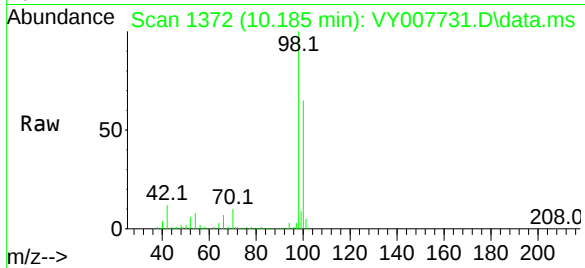




#50
Toluene-d8
Concen: 50.604 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY007731.D
Acq: 04 Mar 2022 02:54

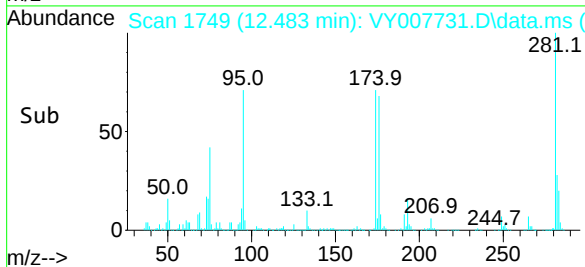
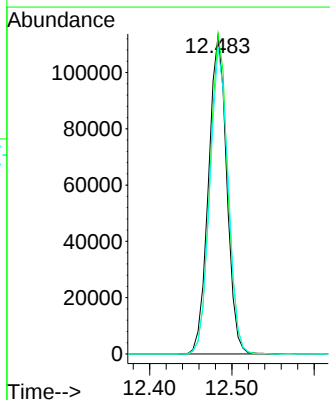
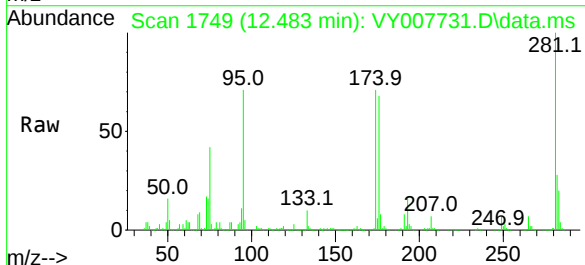
Instrument :
MSVOA_Y
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19-20-SAMPLE-LOCATION-10

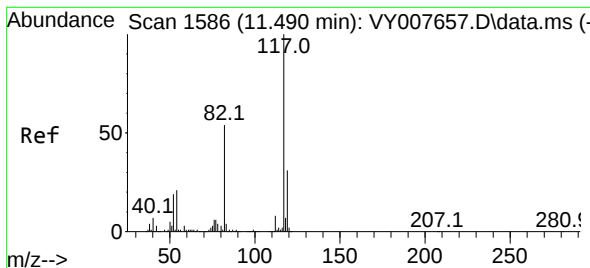
Tgt Ion: 98 Resp: 629573
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.425 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007731.D
Acq: 04 Mar 2022 02:54

Tgt Ion: 95 Resp: 174148
Ion Ratio Lower Upper
95 100
174 98.5 0.0 177.0
176 96.3 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY007731.D

Acq: 04 Mar 2022 02:54

Instrument :

MSVOA_Y

ClientSampleId :

19-20-SAMPLE-LOCATION-10

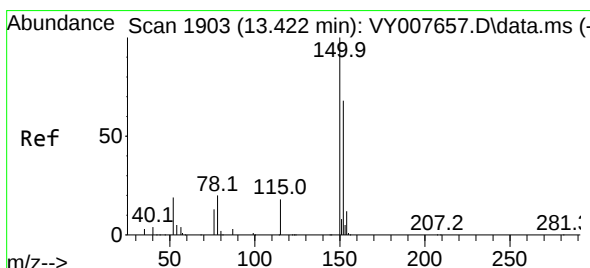
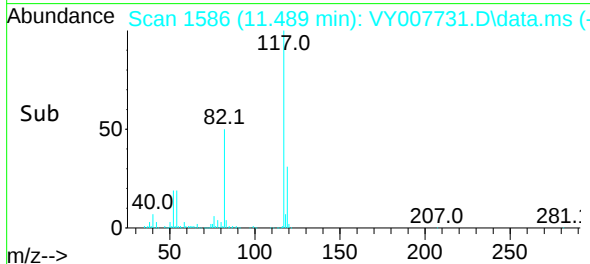
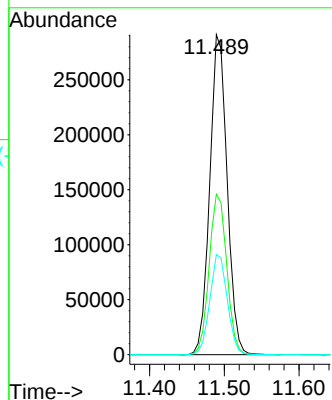
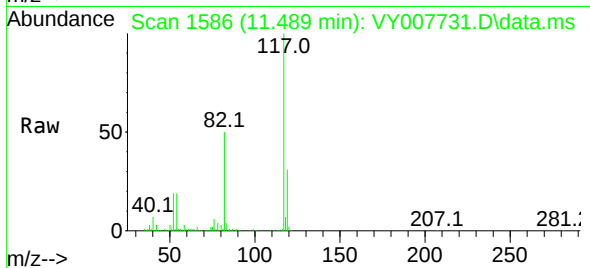
Tgt Ion:117 Resp: 469797

Ion Ratio Lower Upper

117 100

82 50.2 43.0 64.4

119 31.3 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: VY007731.D

Acq: 04 Mar 2022 02:54

Tgt Ion:152 Resp: 182074

Ion Ratio Lower Upper

152 100

115 55.1 28.2 84.7

150 159.5 0.0 347.6

