

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030822\
 Data File : VY007781.D
 Acq On : 08 Mar 2022 15:41
 Operator : SY/MD
 Sample : N1832-01
 Misc : 6.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-02-03072022

Quant Time: Mar 09 00:27:19 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)

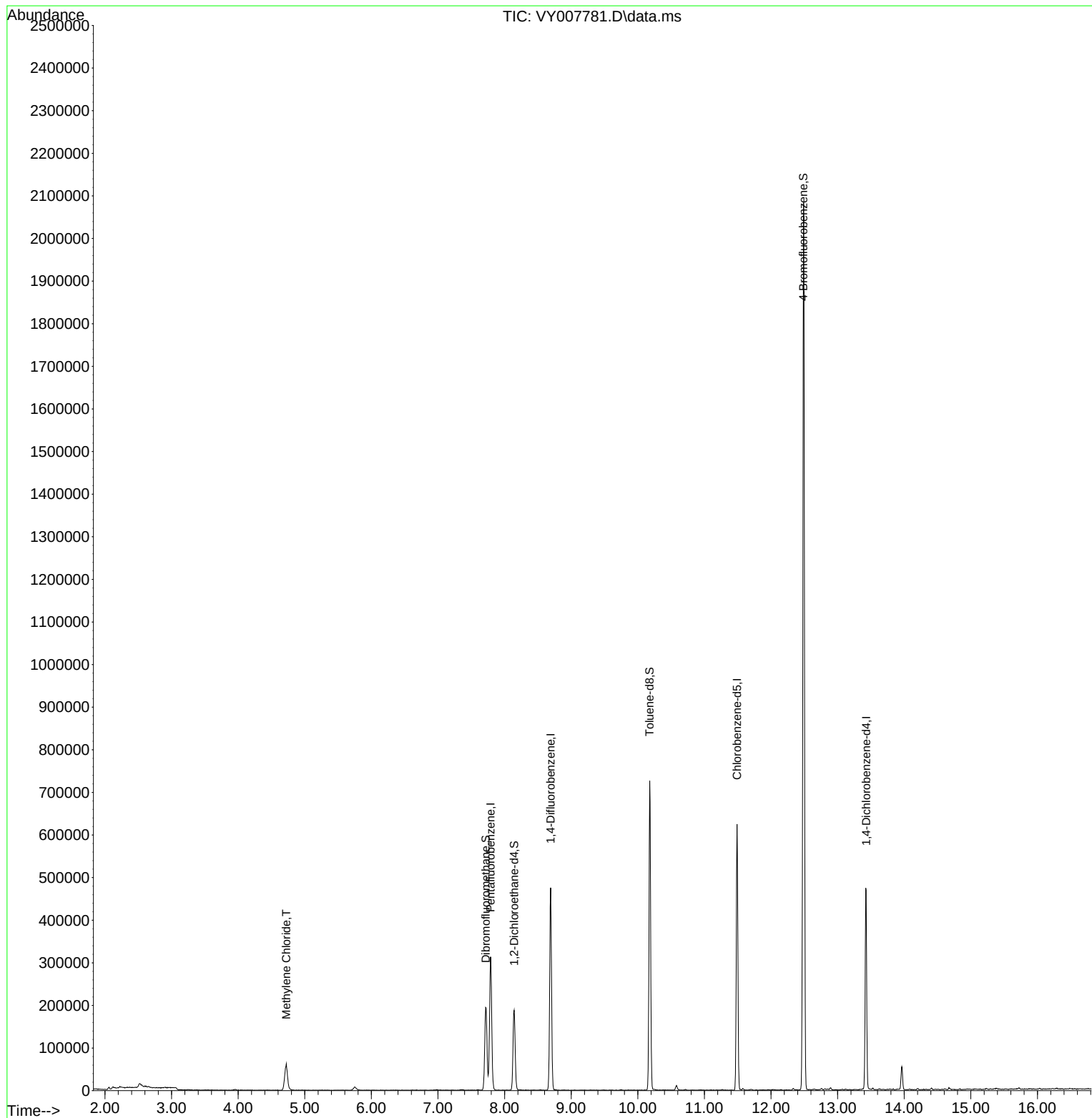
Internal Standards						
1) Pentafluorobenzene	7.789	168	245445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	401287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	335351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	120910	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	142026	55.272	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.540%
35) Dibromofluoromethane	7.716	113	133845	52.170	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.340%
50) Toluene-d8	10.179	98	466181	49.363	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.720%
62) 4-Bromofluorobenzene	12.483	95	130482	42.863	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.720%
Target Compounds						Qvalue
20) Methylene Chloride	4.722	84	44068	14.471	ug/l	# 79

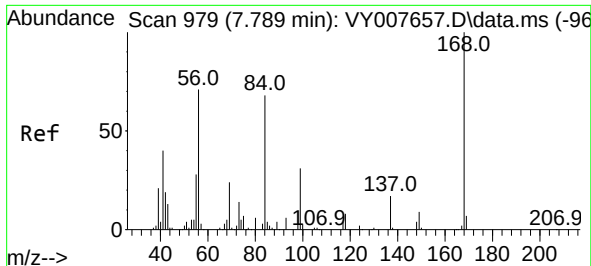
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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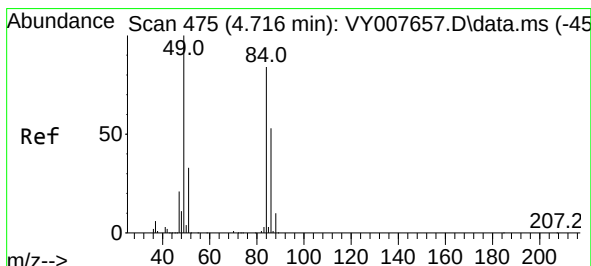
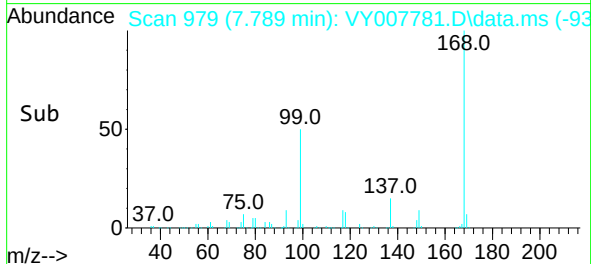
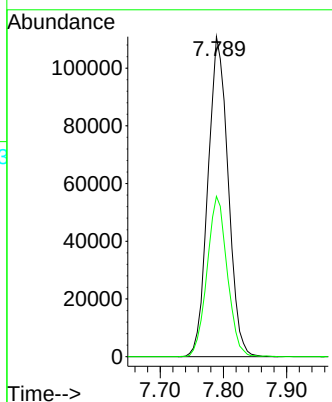
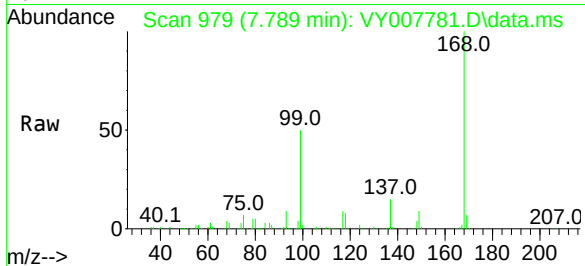




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007781.D
Acq: 08 Mar 2022 15:41

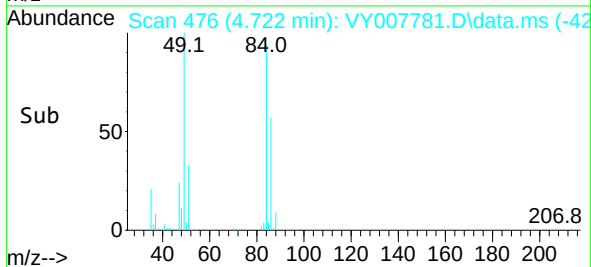
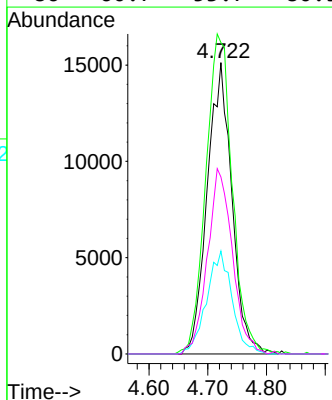
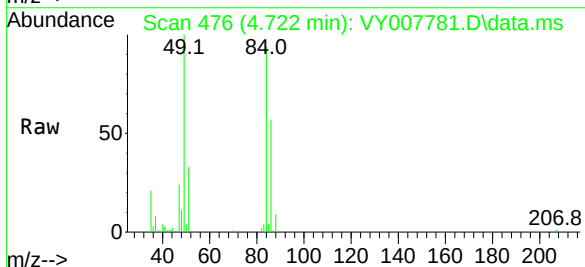
Instrument :
MSVOA_Y
ClientSampleId :
BU-02-03072022

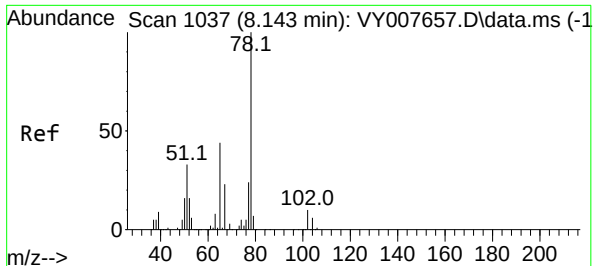
Tgt Ion:168 Resp: 245445
Ion Ratio Lower Upper
168 100
99 50.1 46.9 70.3



#20
Methylene Chloride
Concen: 14.471 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY007781.D
Acq: 08 Mar 2022 15:41

Tgt Ion: 84 Resp: 44068
Ion Ratio Lower Upper
84 100
49 106.2 114.4 171.6#
51 35.3 35.3 52.9
86 60.7 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 55.272 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY007781.D

Acq: 08 Mar 2022 15:41

Instrument :

MSVOA_Y

ClientSampleId :

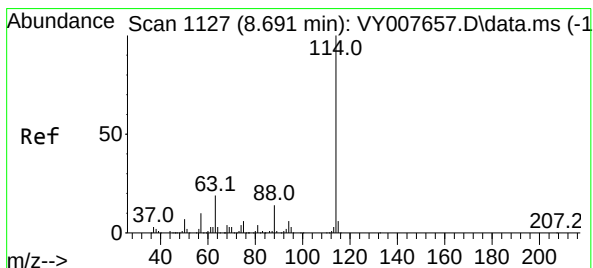
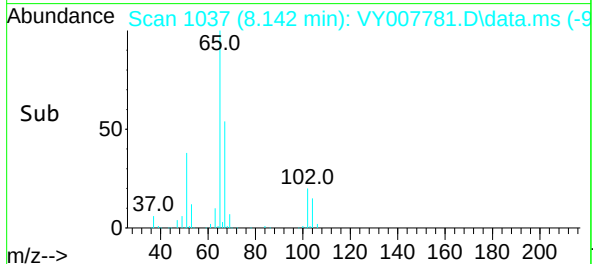
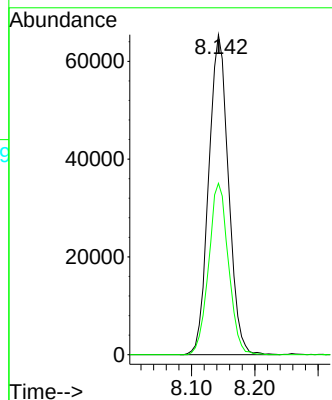
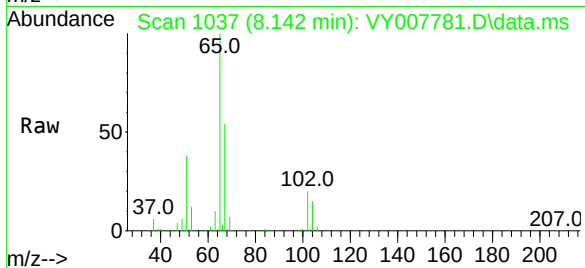
BU-02-03072022

Tgt Ion: 65 Resp: 142026

Ion Ratio Lower Upper

65 100

67 53.4 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: VY007781.D

Acq: 08 Mar 2022 15:41

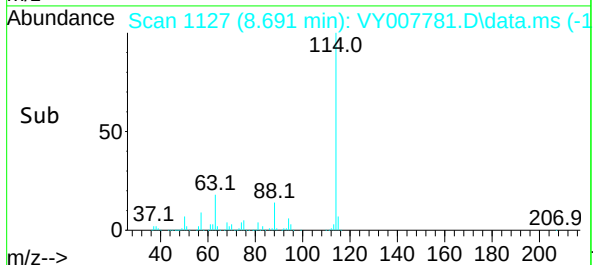
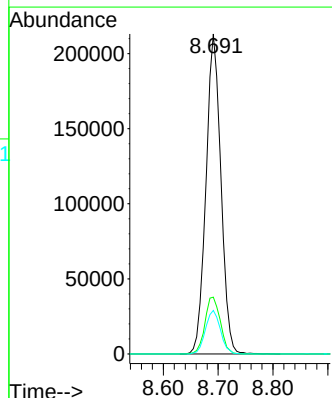
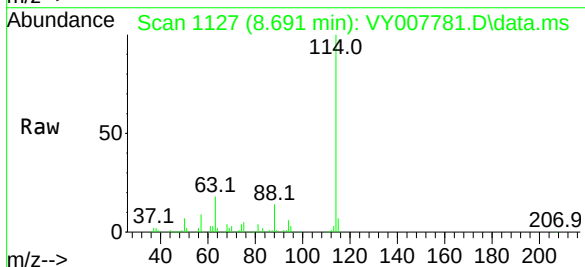
Tgt Ion: 114 Resp: 401287

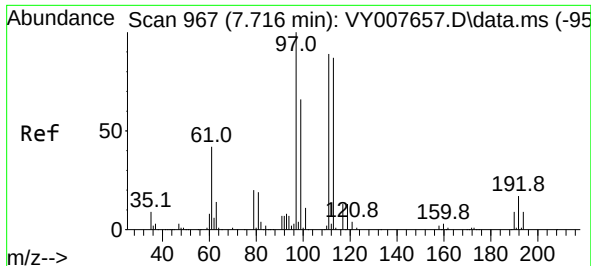
Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 13.6 0.0 31.8

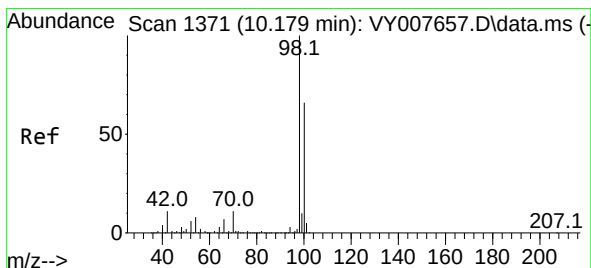
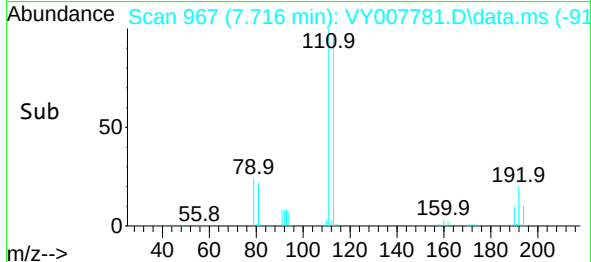
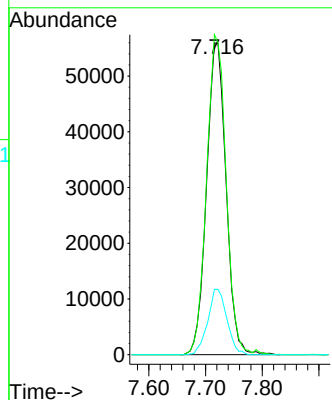
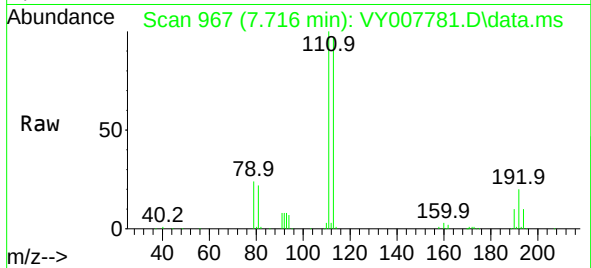




#35
Dibromofluoromethane
Concen: 52.170 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007781.D
Acq: 08 Mar 2022 15:41

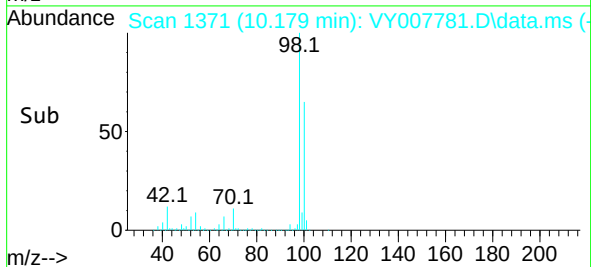
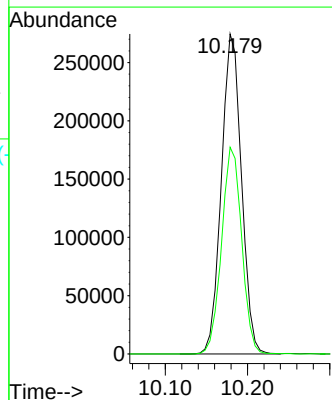
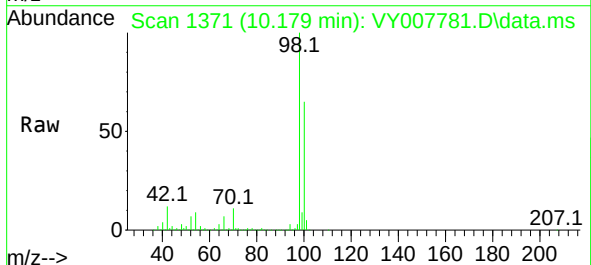
Instrument :
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ClientSampleId :
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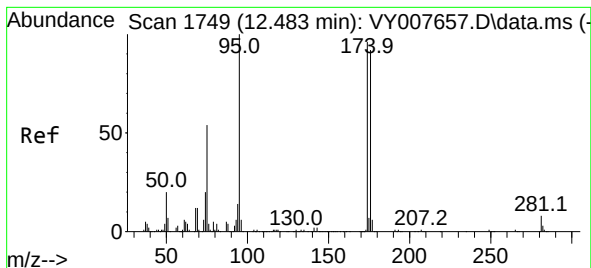
Tgt Ion:113 Resp: 133845
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 20.5 17.6 26.4



#50
Toluene-d8
Concen: 49.363 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007781.D
Acq: 08 Mar 2022 15:41

Tgt Ion: 98 Resp: 466181
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

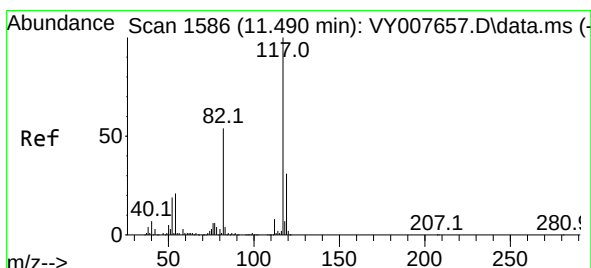
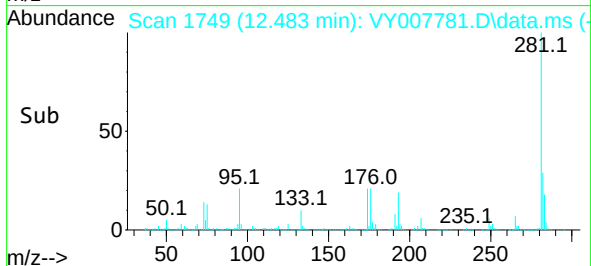
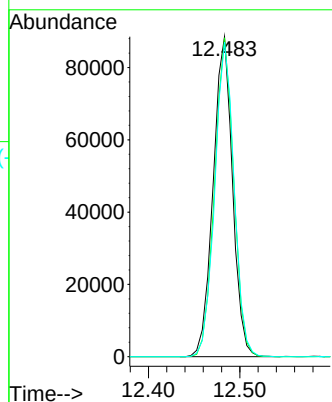
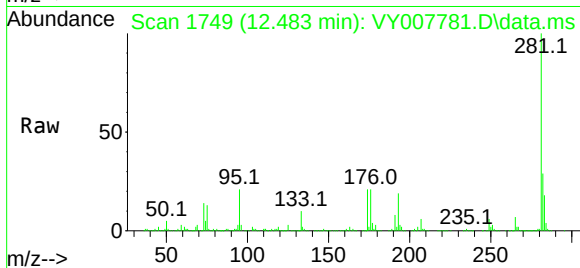




#62
4-Bromofluorobenzene
Concen: 42.863 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007781.D
Acq: 08 Mar 2022 15:41

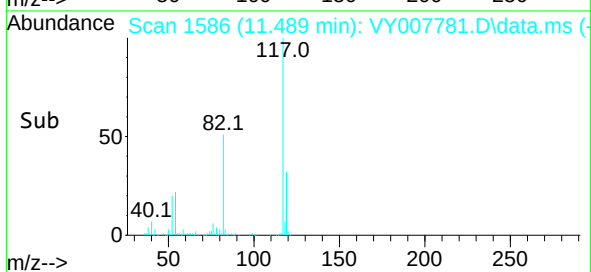
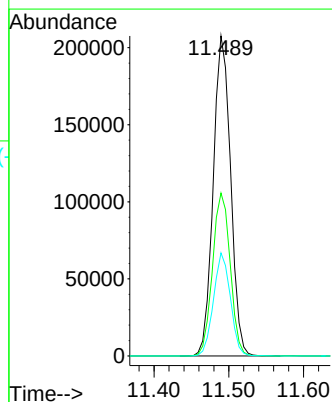
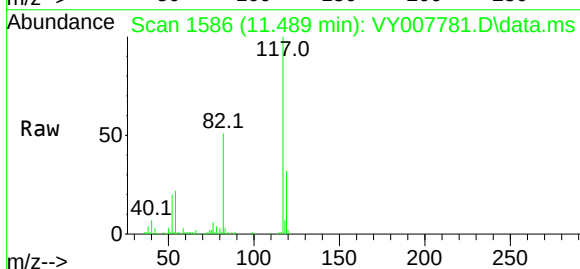
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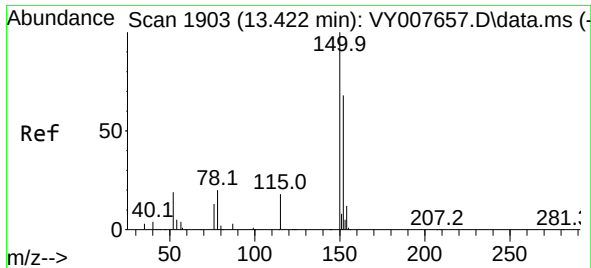
Tgt Ion: 95 Resp: 130482
Ion Ratio Lower Upper
95 100
174 98.5 0.0 177.0
176 98.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007781.D
Acq: 08 Mar 2022 15:41

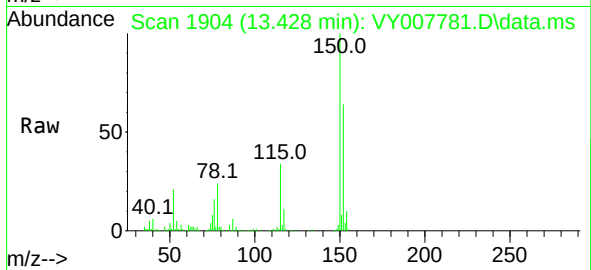
Tgt Ion: 117 Resp: 335351
Ion Ratio Lower Upper
117 100
82 50.9 43.0 64.4
119 32.2 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY007781.D
 Acq: 08 Mar 2022 15:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-02-03072022



Tgt Ion:152 Resp: 120910
 Ion Ratio Lower Upper
 152 100
 115 54.5 28.2 84.7
 150 155.6 0.0 347.6

