

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010307.D
 Acq On : 03 Sep 2022 03:46
 Operator : KP/MD
 Sample : N4379-14
 Misc : 6.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07-12-13

Quant Time: Sep 03 06:12:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

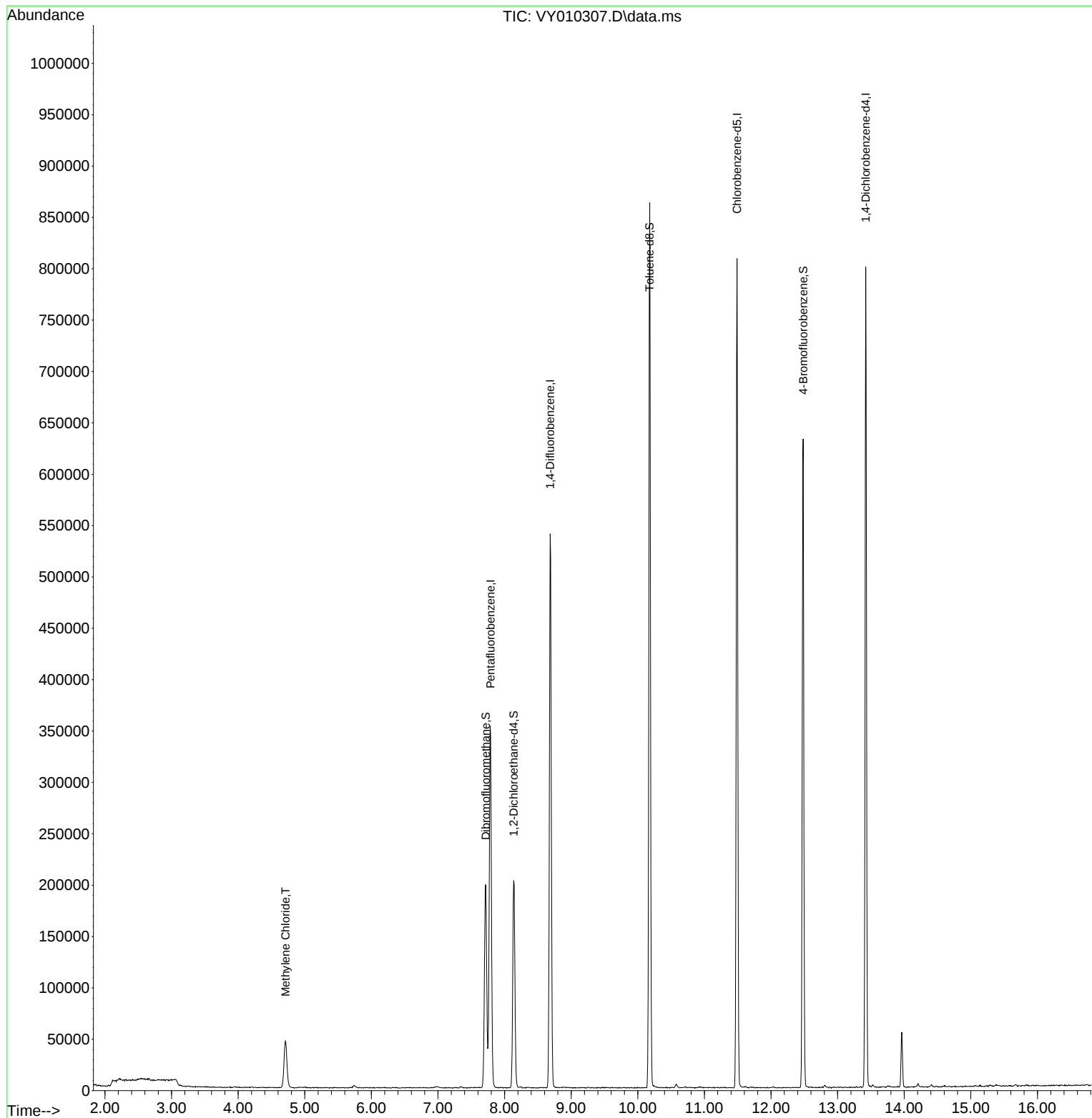
Internal Standards						
1) Pentafluorobenzene	7.789	168	280893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	473059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	436208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	202959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	160571	55.749	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.500%
35) Dibromofluoromethane	7.716	113	142425	45.225	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.460%
50) Toluene-d8	10.179	98	558395	52.960	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.920%
62) 4-Bromofluorobenzene	12.483	95	196658	46.078	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.160%
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	35216	10.135	ug/l	84

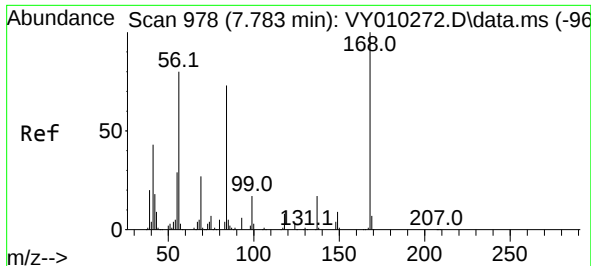
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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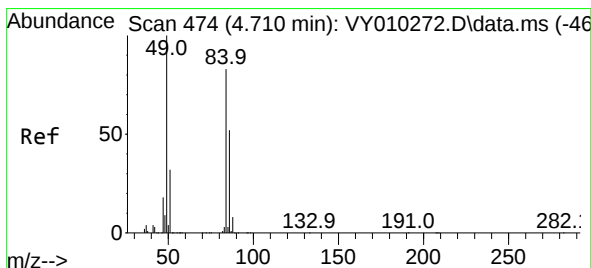
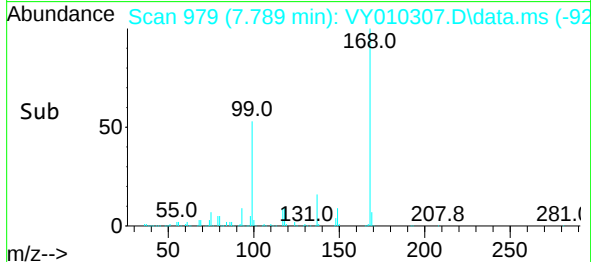
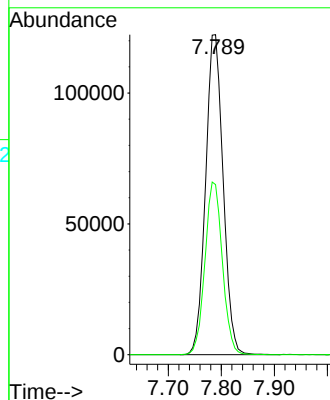
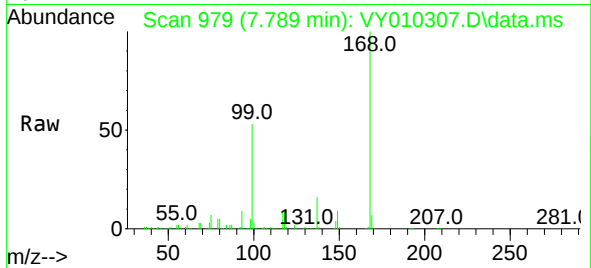




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010307.D
Acq: 03 Sep 2022 03:46

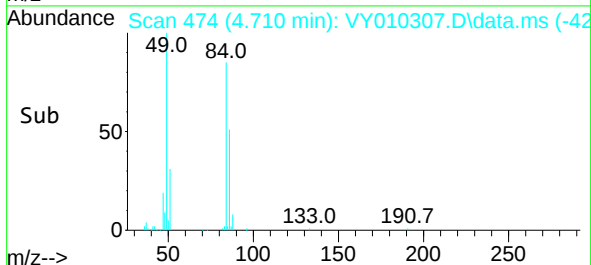
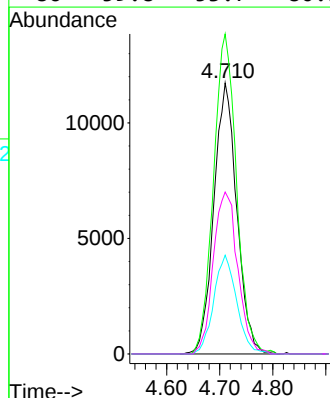
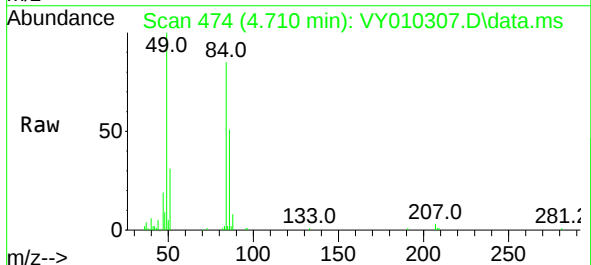
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-12-13

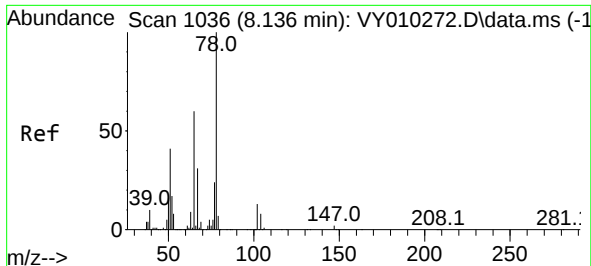
Tgt Ion:168 Resp: 280893
Ion Ratio Lower Upper
168 100
99 53.2 46.9 70.3



#20
Methylene Chloride
Concen: 10.135 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010307.D
Acq: 03 Sep 2022 03:46

Tgt Ion: 84 Resp: 35216
Ion Ratio Lower Upper
84 100
49 118.1 114.4 171.6
51 36.4 35.3 52.9
86 59.8 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 55.749 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY010307.D

Acq: 03 Sep 2022 03:46

Instrument :

MSVOA_Y

ClientSampleId :

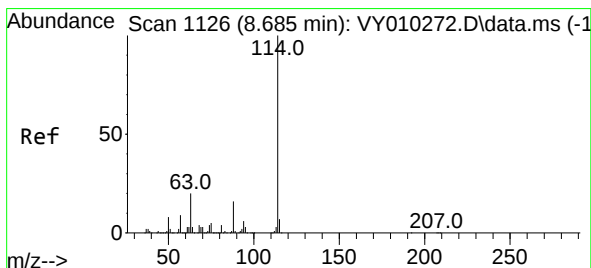
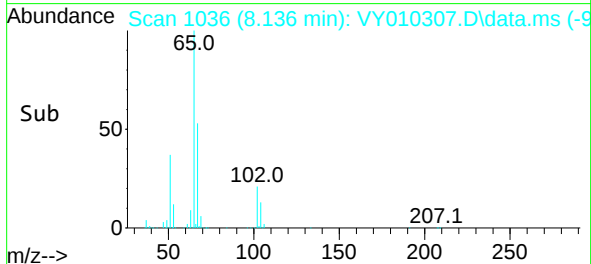
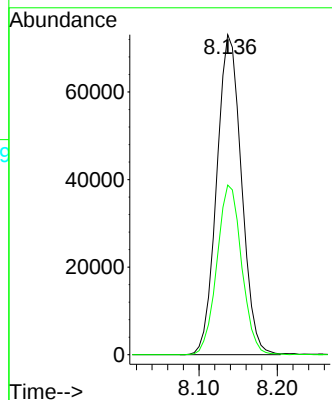
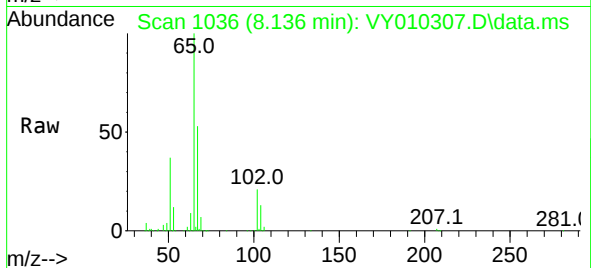
SB-07-12-13

Tgt Ion: 65 Resp: 160571

Ion Ratio Lower Upper

65 100

67 52.9 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010307.D

Acq: 03 Sep 2022 03:46

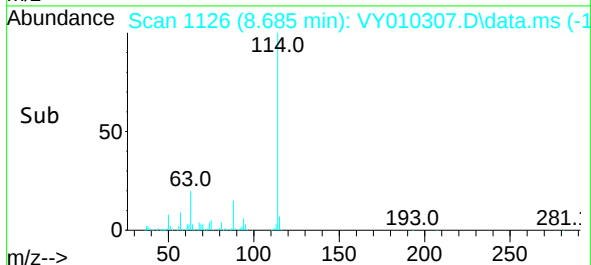
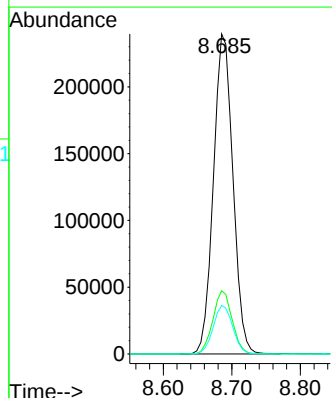
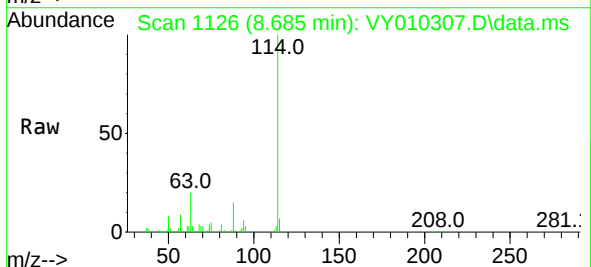
Tgt Ion: 114 Resp: 473059

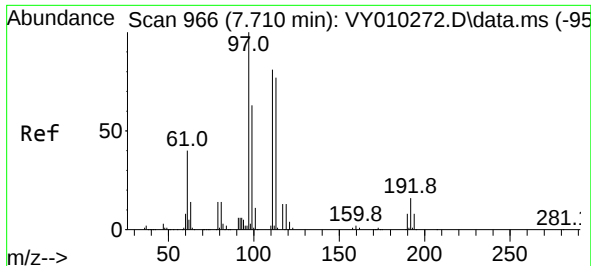
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 15.2 0.0 31.8

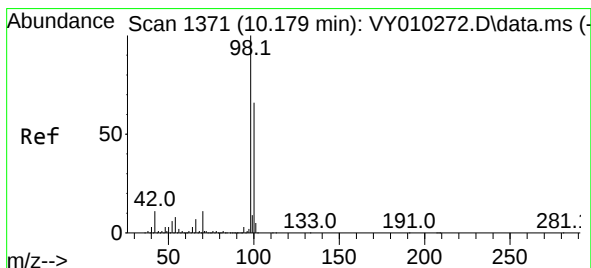
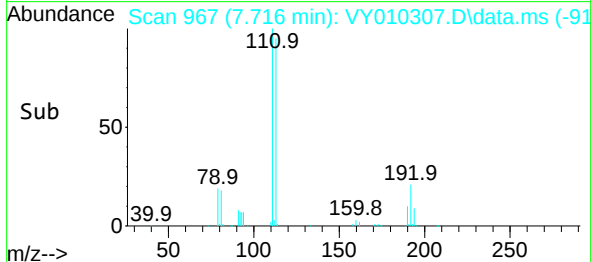
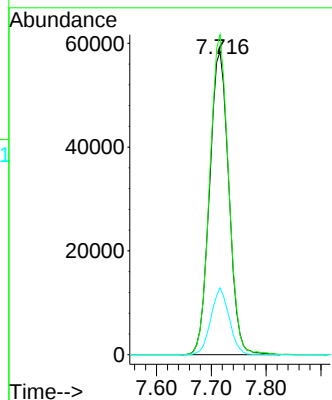
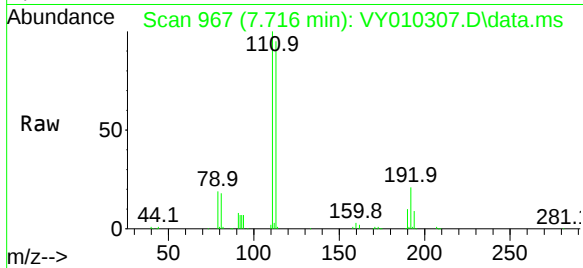




#35
Dibromofluoromethane
Concen: 45.225 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010307.D
Acq: 03 Sep 2022 03:46

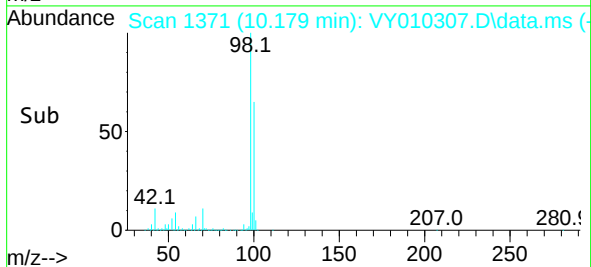
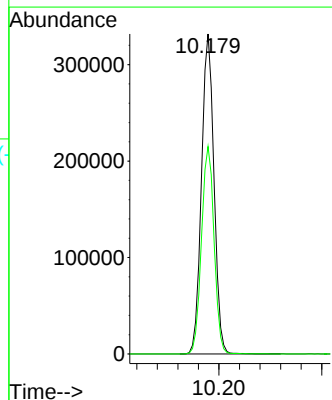
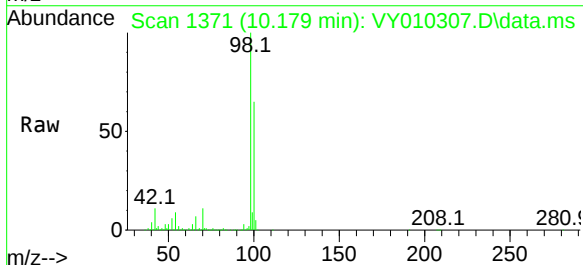
Instrument :
MSVOA_Y
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SB-07-12-13

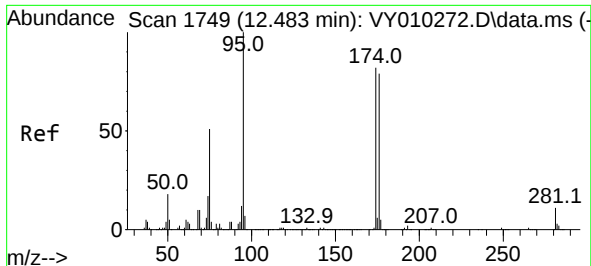
Tgt Ion:113 Resp: 142425
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 20.8 17.6 26.4



#50
Toluene-d8
Concen: 52.960 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010307.D
Acq: 03 Sep 2022 03:46

Tgt Ion: 98 Resp: 558395
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

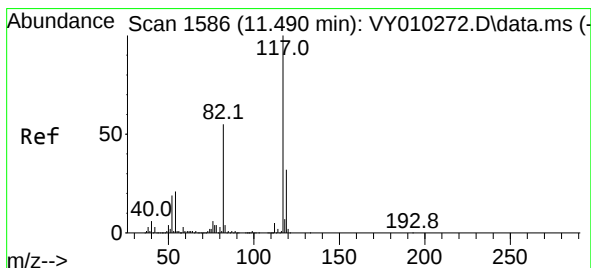
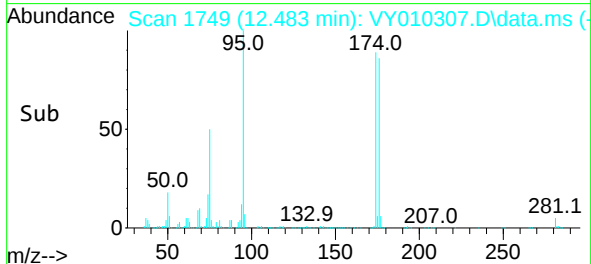
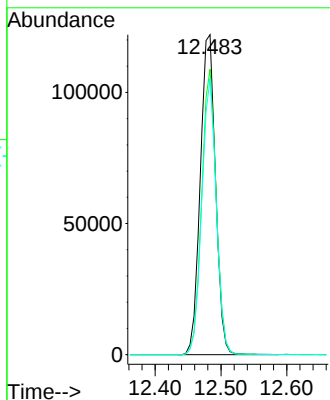
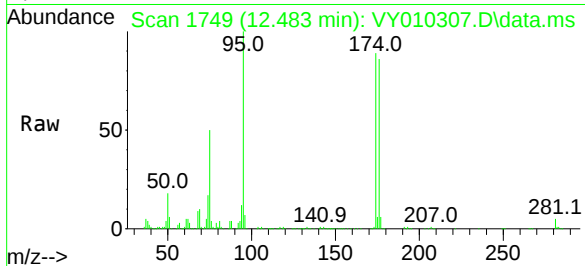




#62
4-Bromofluorobenzene
Concen: 46.078 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010307.D
Acq: 03 Sep 2022 03:46

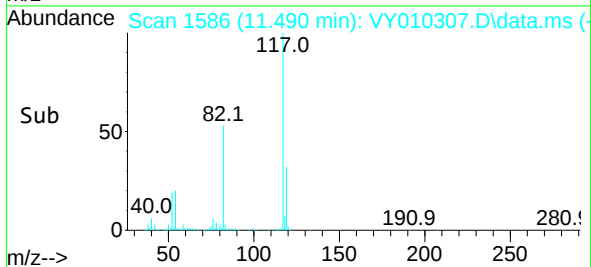
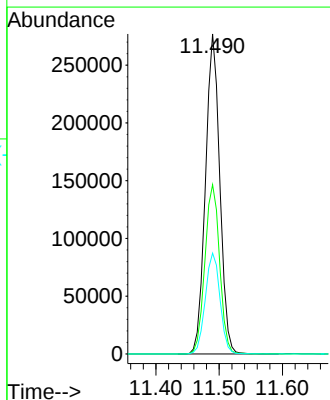
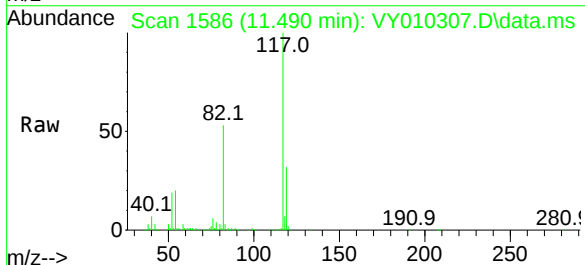
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-12-13

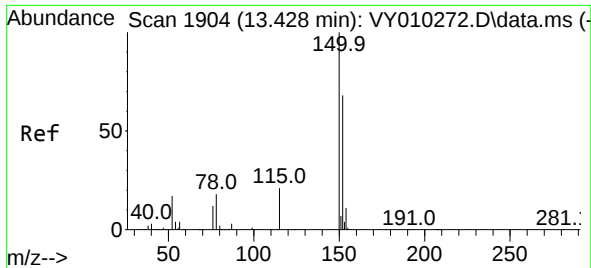
Tgt Ion: 95 Resp: 196658
Ion Ratio Lower Upper
95 100
174 85.3 0.0 177.0
176 82.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010307.D
Acq: 03 Sep 2022 03:46

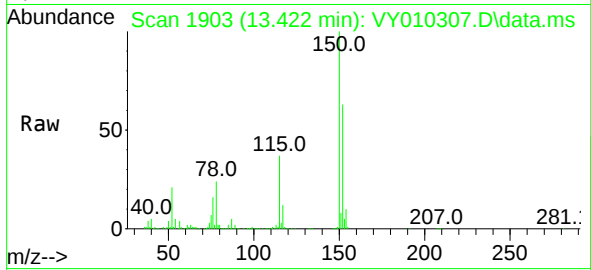
Tgt Ion: 117 Resp: 436208
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 31.5 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY010307.D
 Acq: 03 Sep 2022 03:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07-12-13



Tgt Ion:152 Resp: 202959

Ion	Ratio	Lower	Upper
152	100		
115	57.5	28.2	84.7
150	156.8	0.0	347.6

