

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010302.D
 Acq On : 03 Sep 2022 01:49
 Operator : KP/MD
 Sample : N4379-07
 Misc : 4.94g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-9-11MSD

Quant Time: Sep 03 06:10:56 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)

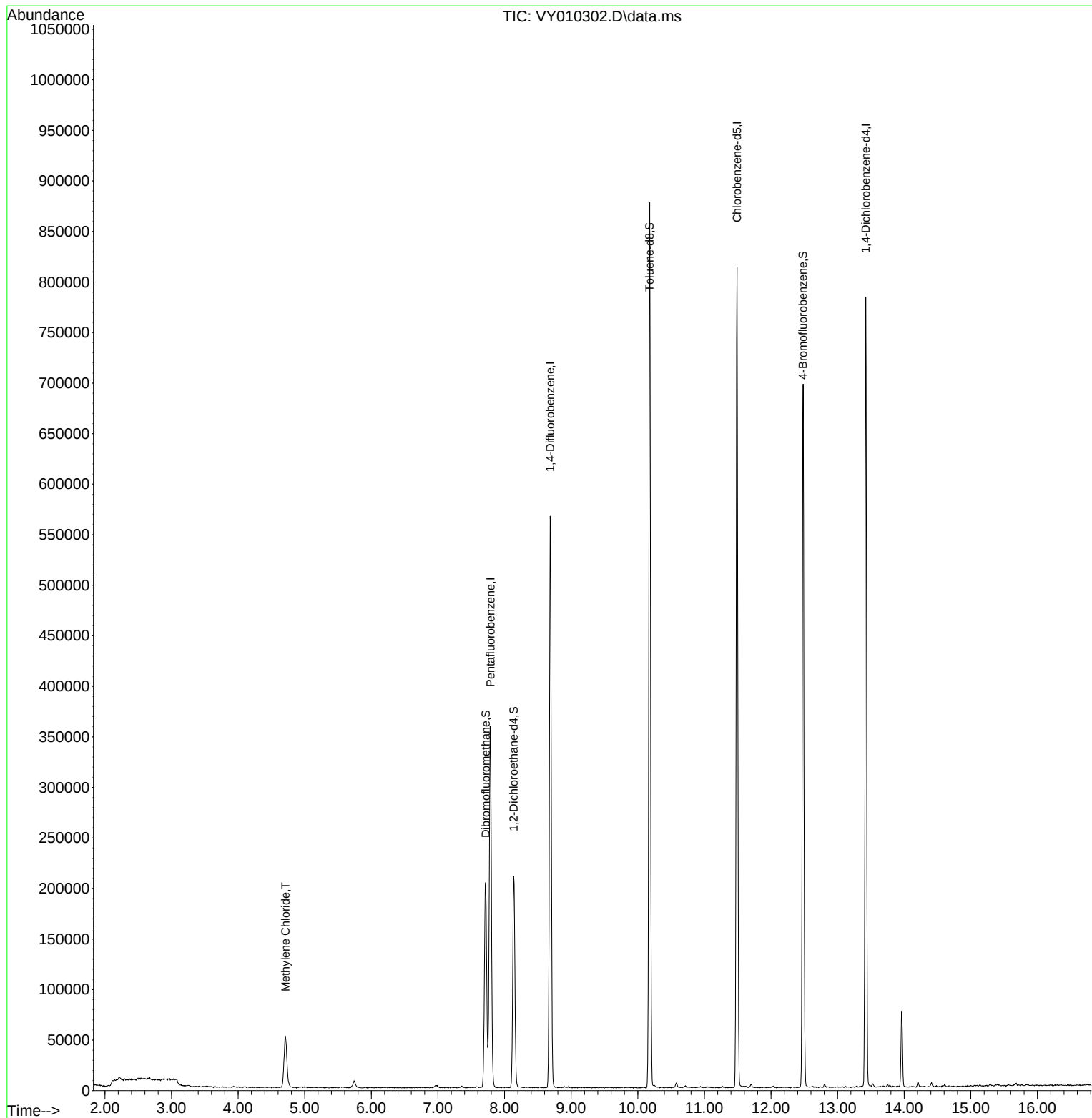
Internal Standards						
1) Pentafluorobenzene	7.789	168	286603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	484780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	451714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	204408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	167565	57.018	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.040%
35) Dibromofluoromethane	7.716	113	146525	45.402	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.800%
50) Toluene-d8	10.179	98	576204	53.328	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.660%
62) 4-Bromofluorobenzene	12.477	95	201671	46.115	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.240%
Target Compounds						
20) Methylene Chloride	4.710	84	38102	10.747	ug/l	Qvalue # 81

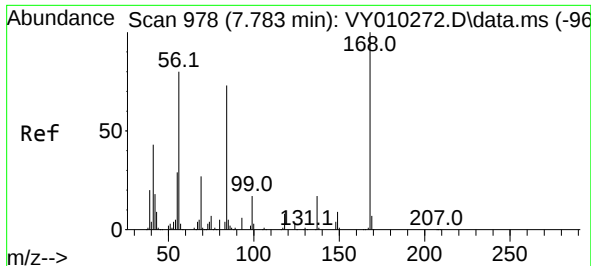
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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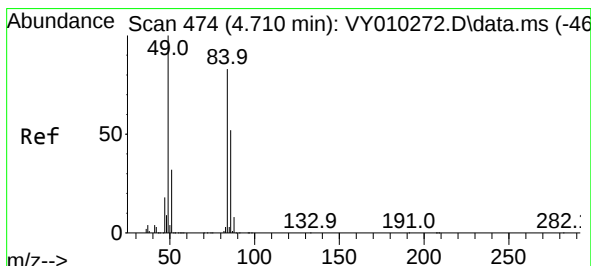
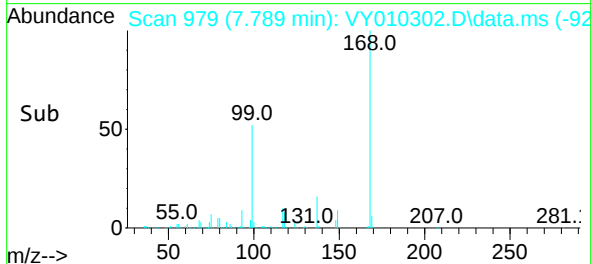
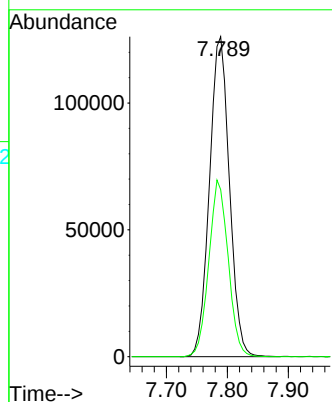
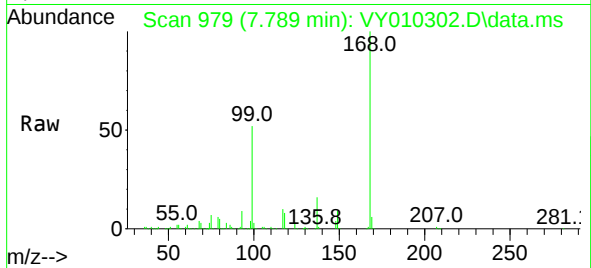




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010302.D
Acq: 03 Sep 2022 01:49

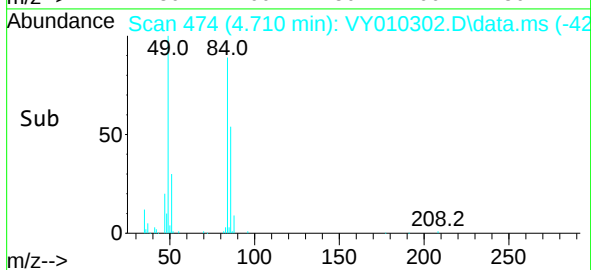
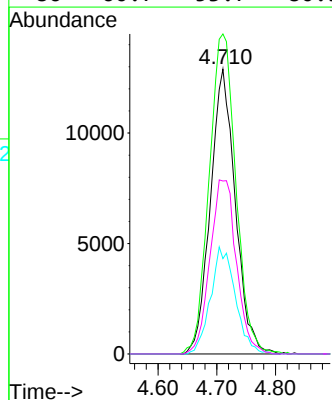
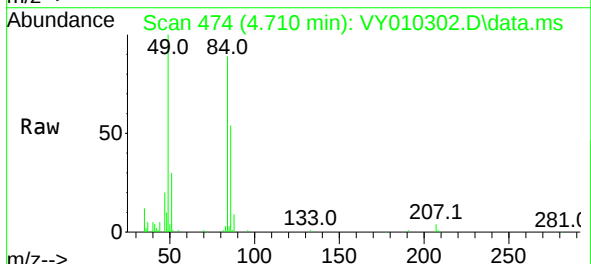
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-9-11MSD

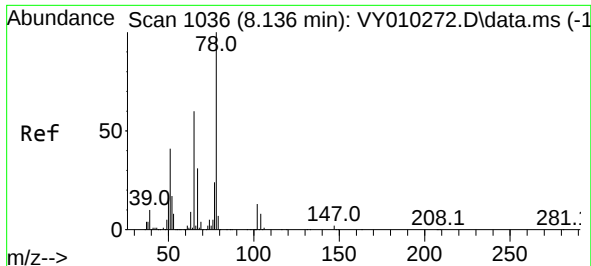
Tgt Ion:168 Resp: 286603
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#20
Methylene Chloride
Concen: 10.747 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010302.D
Acq: 03 Sep 2022 01:49

Tgt Ion: 84 Resp: 38102
Ion Ratio Lower Upper
84 100
49 112.4 114.4 171.6#
51 33.5 35.3 52.9#
86 60.7 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 57.018 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY010302.D

Acq: 03 Sep 2022 01:49

Instrument :

MSVOA_Y

ClientSampleId :

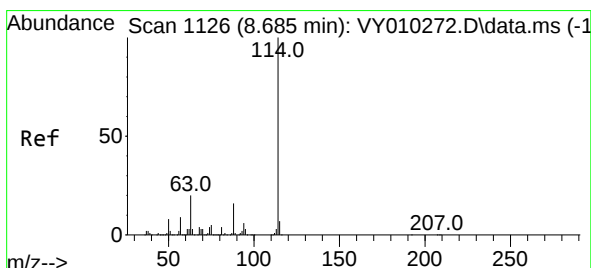
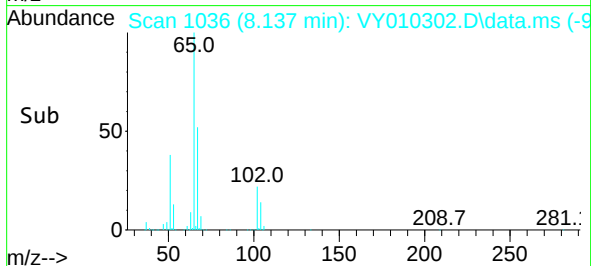
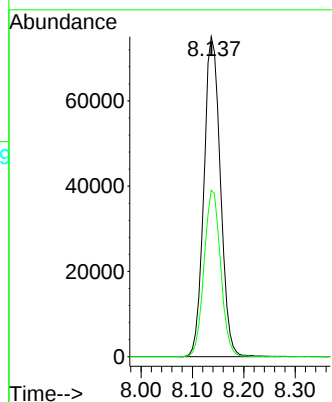
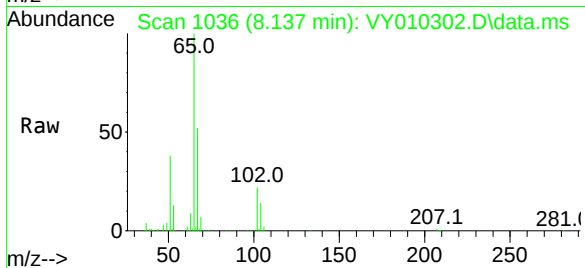
SB-03-9-11MSD

Tgt Ion: 65 Resp: 167565

Ion Ratio Lower Upper

65 100

67 52.1 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: VY010302.D

Acq: 03 Sep 2022 01:49

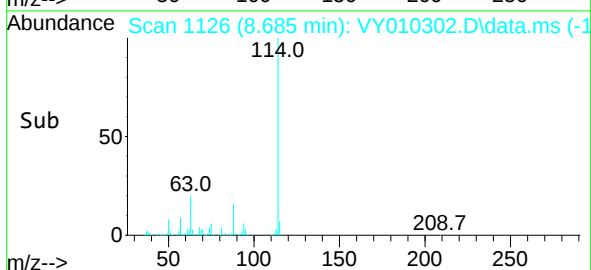
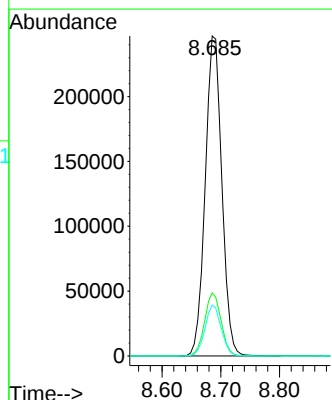
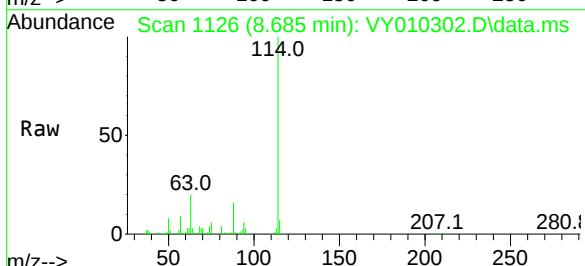
Tgt Ion: 114 Resp: 484780

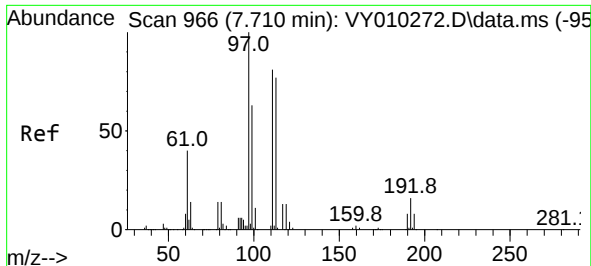
Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.9 0.0 31.8

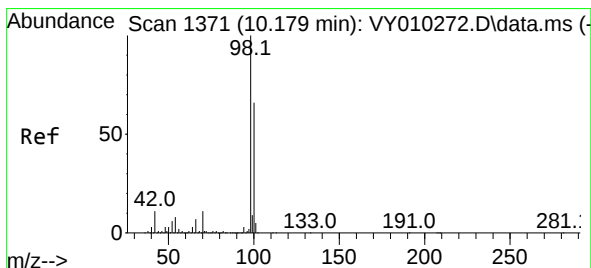
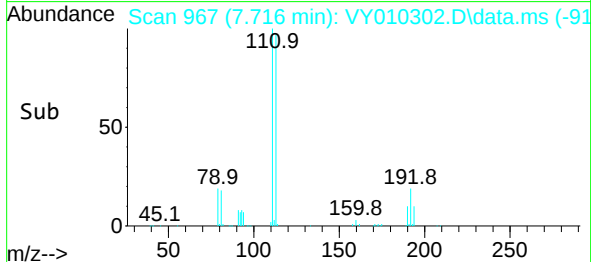
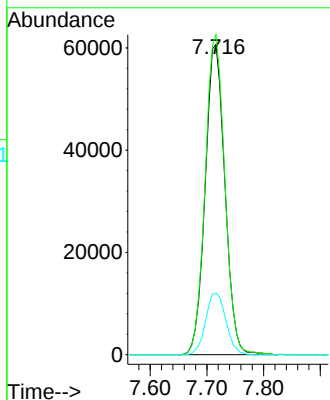
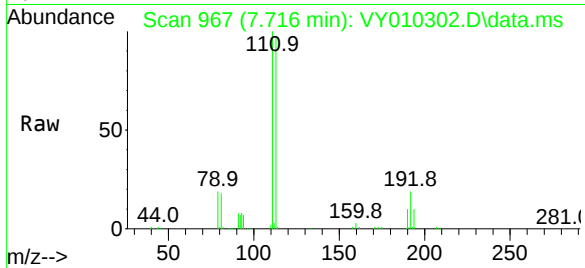




#35
Dibromofluoromethane
Concen: 45.402 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010302.D
Acq: 03 Sep 2022 01:49

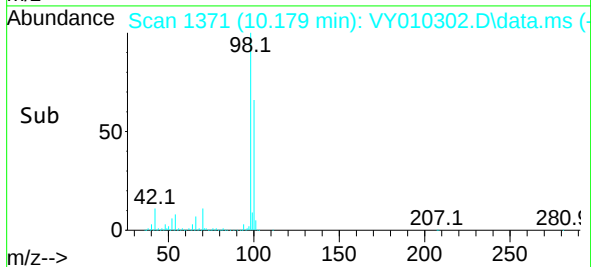
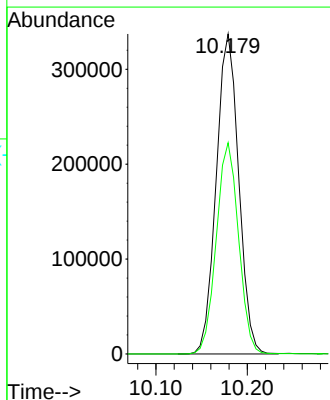
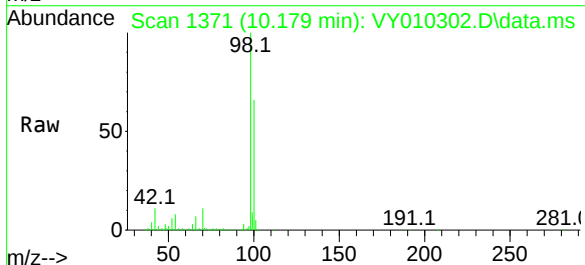
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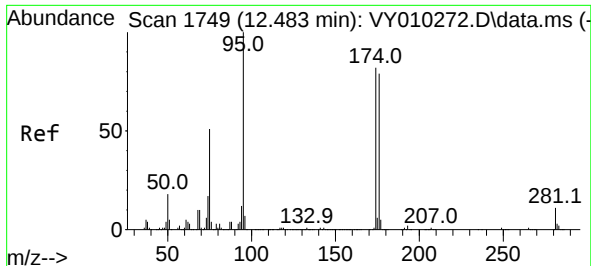
Tgt Ion:113 Resp: 146525
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 20.4 17.6 26.4



#50
Toluene-d8
Concen: 53.328 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010302.D
Acq: 03 Sep 2022 01:49

Tgt Ion: 98 Resp: 576204
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2

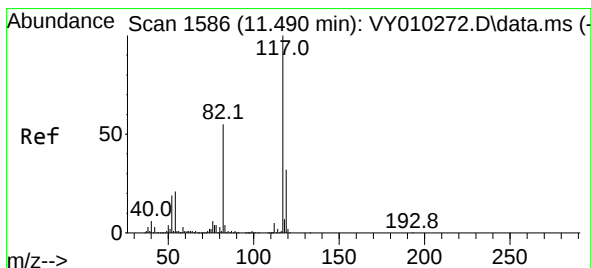
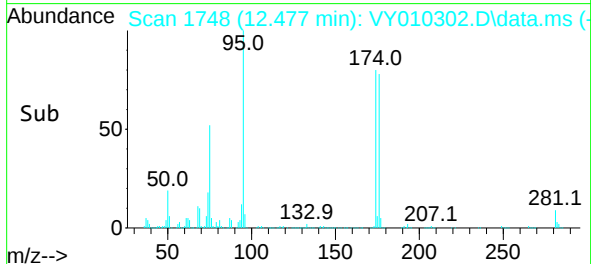
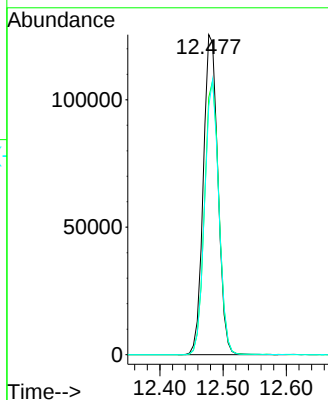
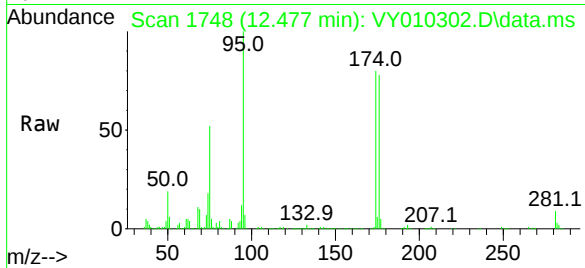




#62
4-Bromofluorobenzene
Concen: 46.115 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010302.D
Acq: 03 Sep 2022 01:49

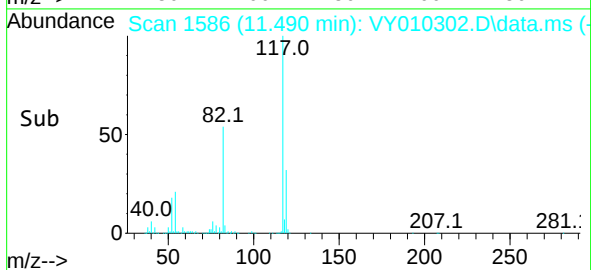
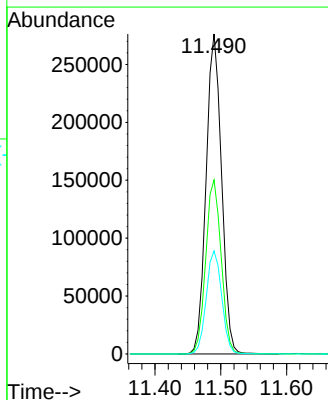
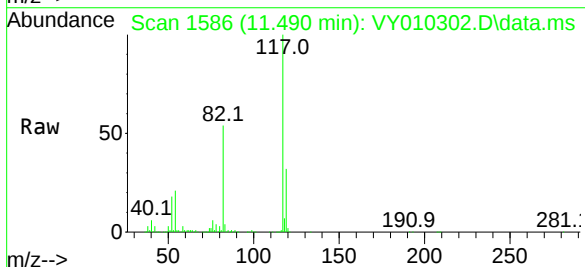
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-9-11MSD

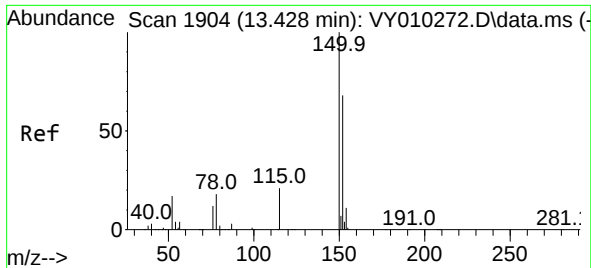
Tgt Ion: 95 Resp: 201671
Ion Ratio Lower Upper
95 100
174 84.7 0.0 177.0
176 83.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010302.D
Acq: 03 Sep 2022 01:49

Tgt Ion: 117 Resp: 451714
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 32.2 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: VY010302.D
 Acq: 03 Sep 2022 01:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-9-11MSD

Tgt Ion:152 Resp: 204408

Ion	Ratio	Lower	Upper
152	100		
115	58.3	28.2	84.7
150	157.5	0.0	347.6

