

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010309.D
 Acq On : 03 Sep 2022 04:33
 Operator : KP/MD
 Sample : N4379-17
 Misc : 5.64g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-09-10-12

Quant Time: Sep 03 06:13:30 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)

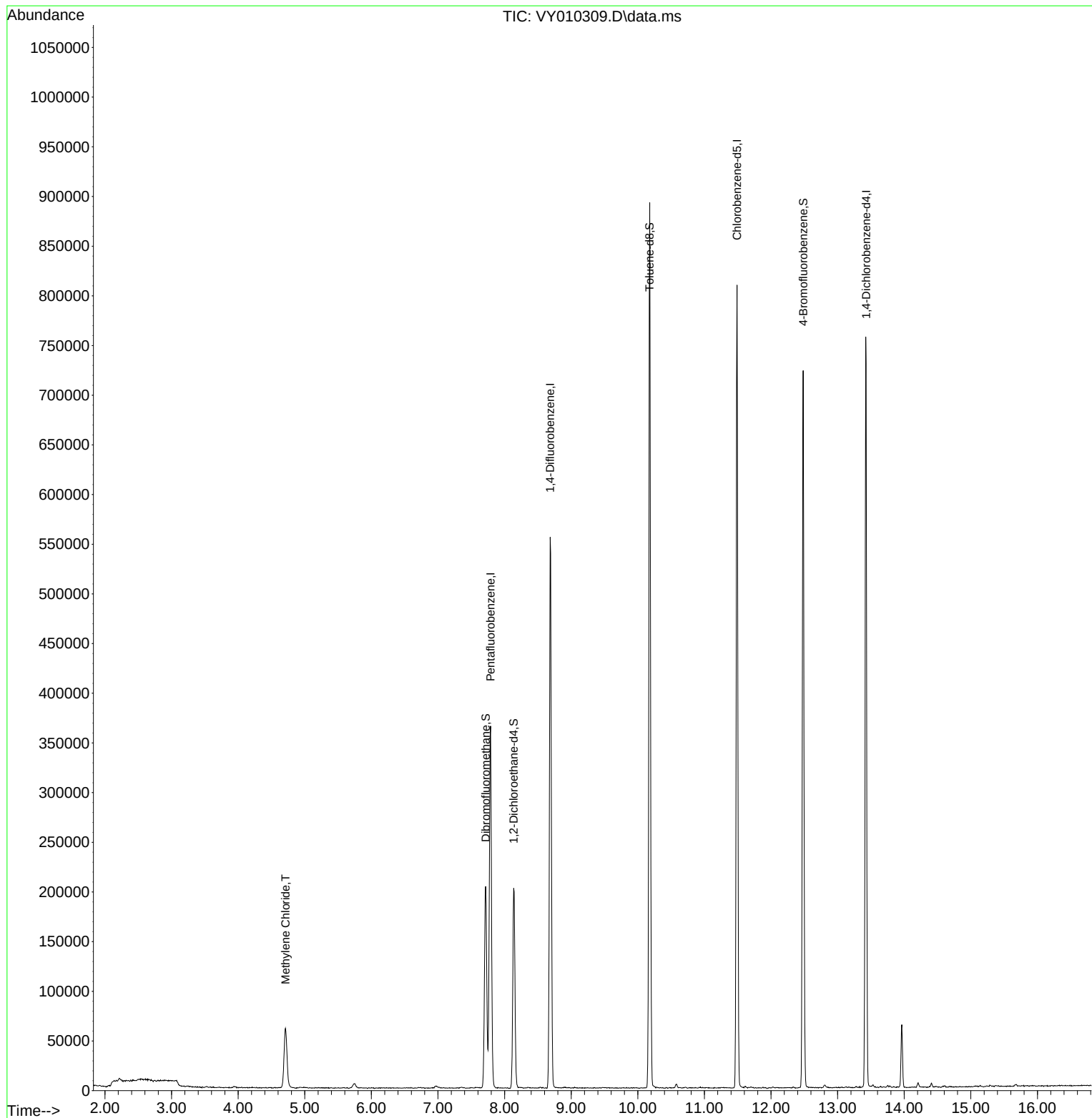
Internal Standards						
1) Pentafluorobenzene	7.789	168	288883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	482144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	446178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	200576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	160440	54.163	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.320%	
35) Dibromofluoromethane	7.715	113	146325	45.588	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.180%	
50) Toluene-d8	10.178	98	572942	53.316	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.640%	
62) 4-Bromofluorobenzene	12.483	95	197570	45.316	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.640%	
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	45967	12.863	ug/l	89

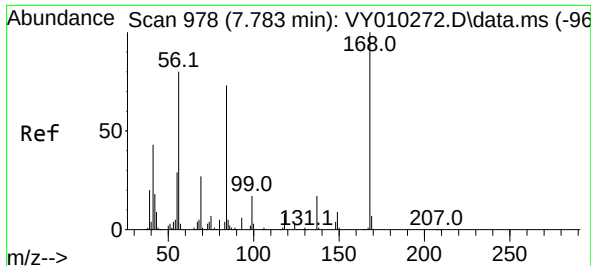
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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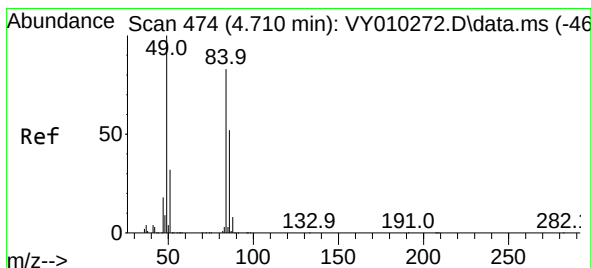
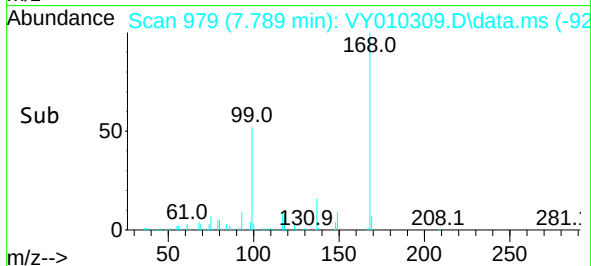
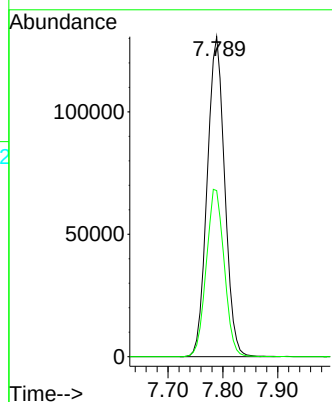
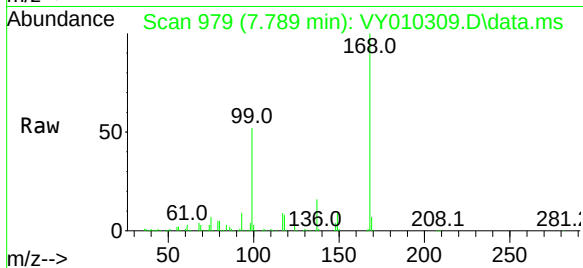




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010309.D
Acq: 03 Sep 2022 04:33

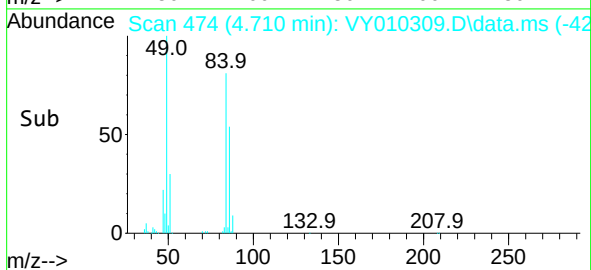
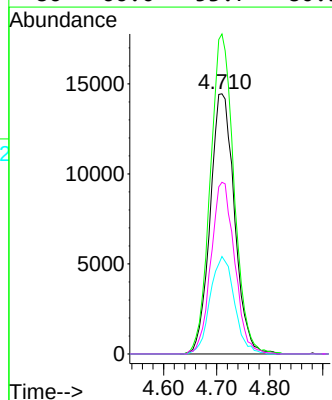
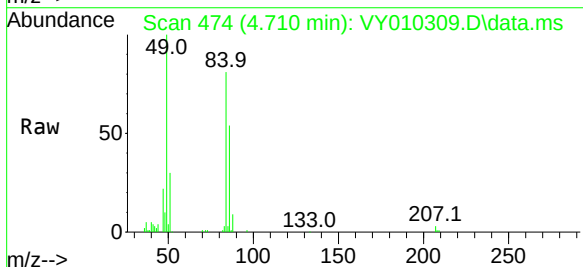
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-10-12

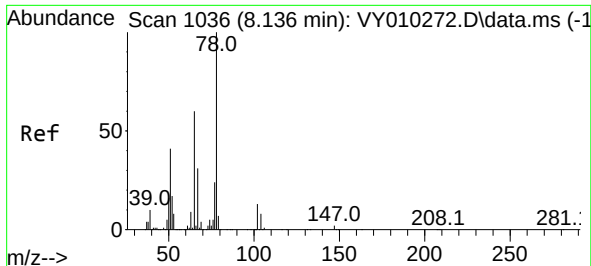
Tgt Ion:168 Resp: 288883
Ion Ratio Lower Upper
168 100
99 51.9 46.9 70.3



#20
Methylene Chloride
Concen: 12.863 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY010309.D
Acq: 03 Sep 2022 04:33

Tgt Ion: 84 Resp: 45967
Ion Ratio Lower Upper
84 100
49 123.0 114.4 171.6
51 37.4 35.3 52.9
86 66.0 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 54.163 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010309.D

Acq: 03 Sep 2022 04:33

Instrument :

MSVOA_Y

ClientSampleId :

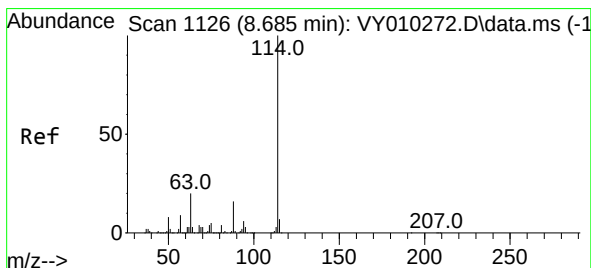
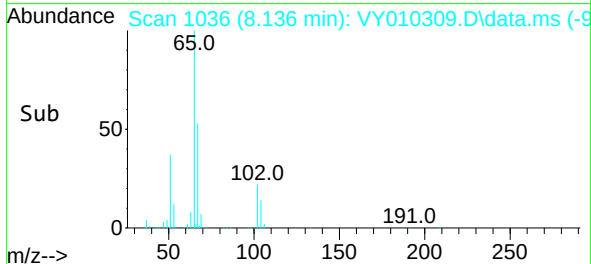
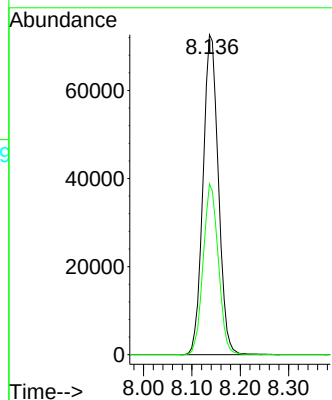
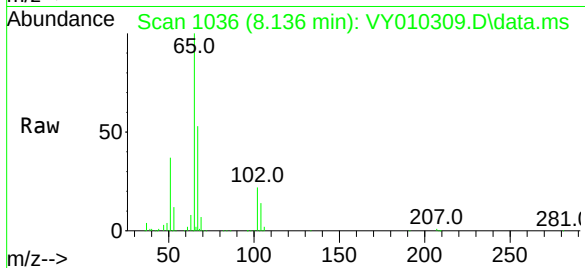
SB-09-10-12

Tgt Ion: 65 Resp: 160440

Ion Ratio Lower Upper

65 100

67 52.7 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: VY010309.D

Acq: 03 Sep 2022 04:33

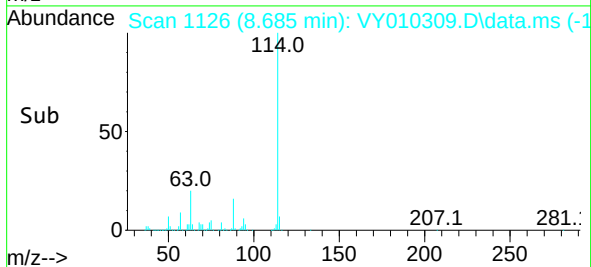
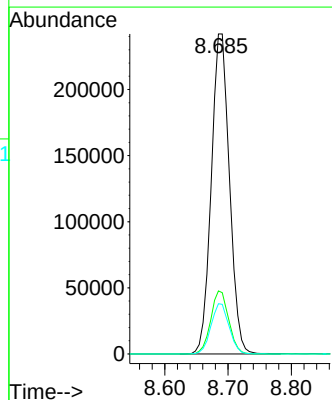
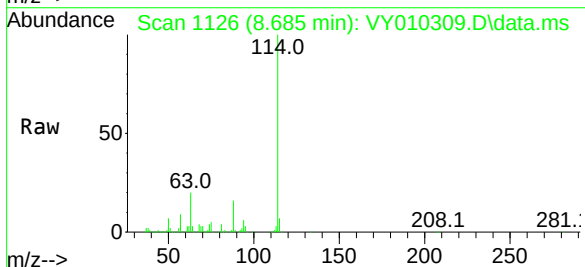
Tgt Ion: 114 Resp: 482144

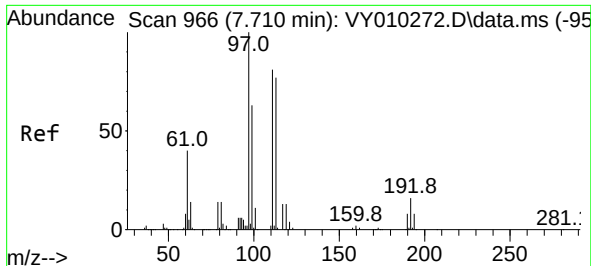
Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.7 0.0 31.8

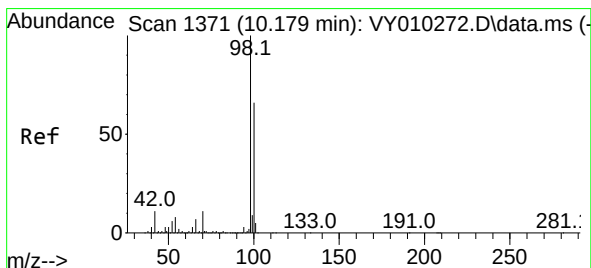
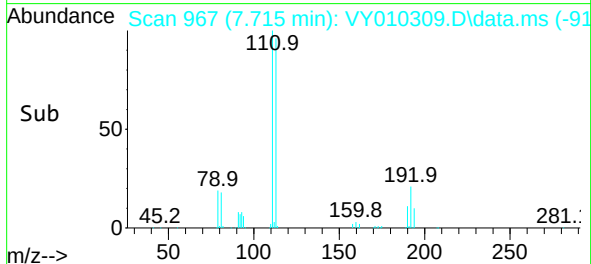
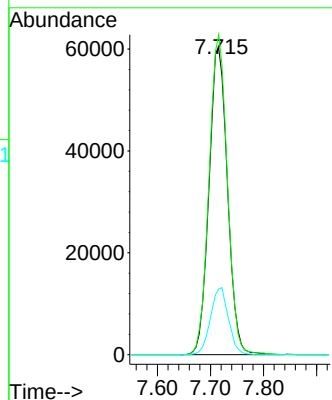
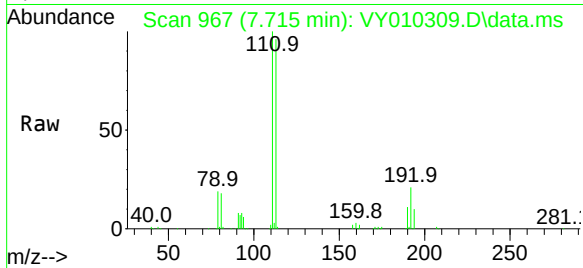




#35
Dibromofluoromethane
Concen: 45.588 ug/l
RT: 7.715 min Scan# 90
Delta R.T. 0.005 min
Lab File: VY010309.D
Acq: 03 Sep 2022 04:33

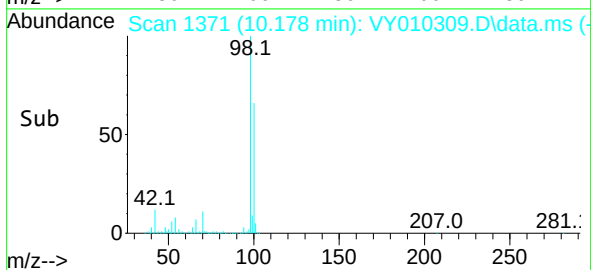
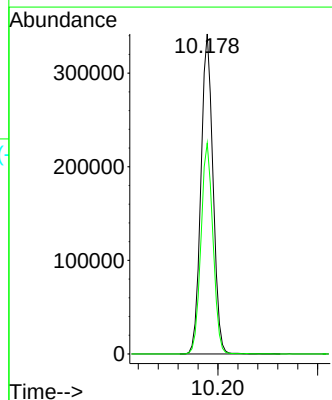
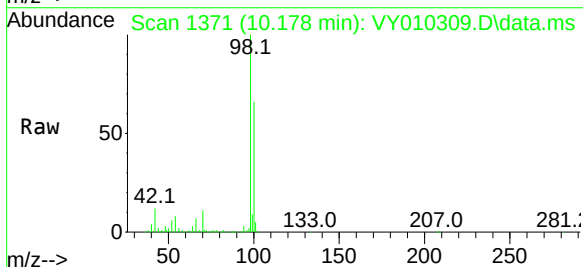
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-10-12

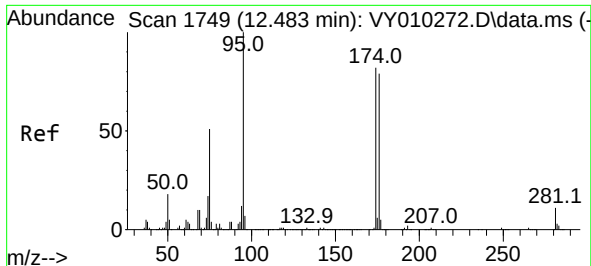
Tgt Ion:113 Resp: 146325
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 21.1 17.6 26.4



#50
Toluene-d8
Concen: 53.316 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY010309.D
Acq: 03 Sep 2022 04:33

Tgt Ion: 98 Resp: 572942
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2

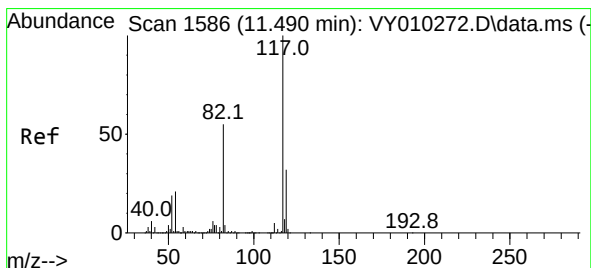
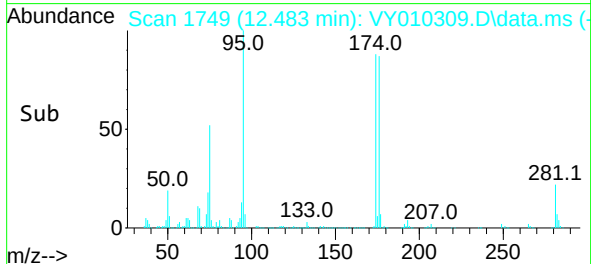
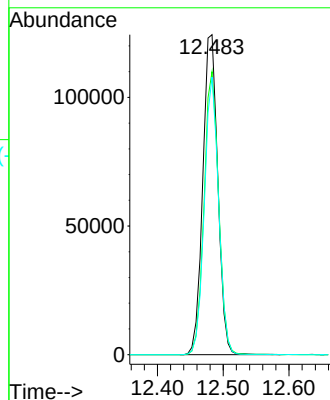
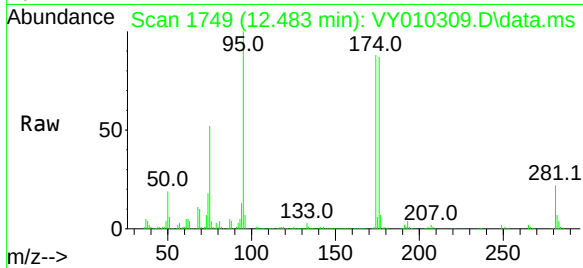




#62
4-Bromofluorobenzene
Concen: 45.316 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY010309.D
Acq: 03 Sep 2022 04:33

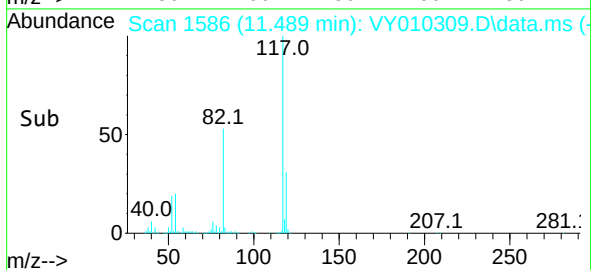
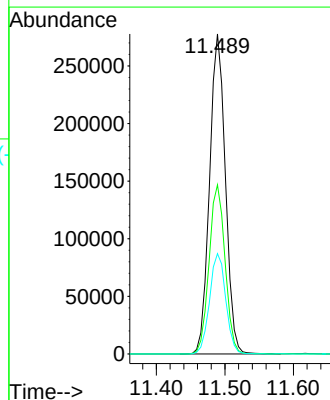
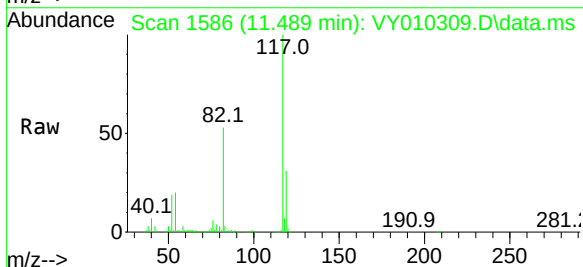
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-10-12

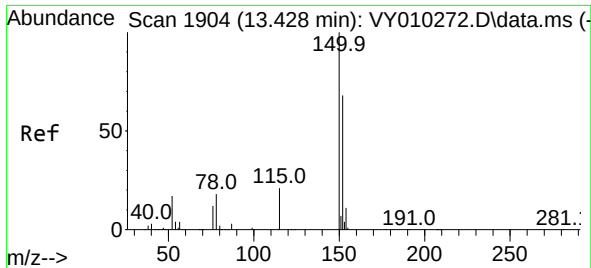
Tgt Ion: 95 Resp: 197570
Ion Ratio Lower Upper
95 100
174 85.6 0.0 177.0
176 82.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010309.D
Acq: 03 Sep 2022 04:33

Tgt Ion: 117 Resp: 446178
Ion Ratio Lower Upper
117 100
82 52.8 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. -0.000 min
 Lab File: VY010309.D
 Acq: 03 Sep 2022 04:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-09-10-12

Tgt Ion:152 Resp: 200576
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.2 84.7
 150 155.8 0.0 347.6

