

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010310.D
 Acq On : 03 Sep 2022 04:56
 Operator : KP/MD
 Sample : N4379-19
 Misc : 5.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10-9-11

Quant Time: Sep 03 06:13:56 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)

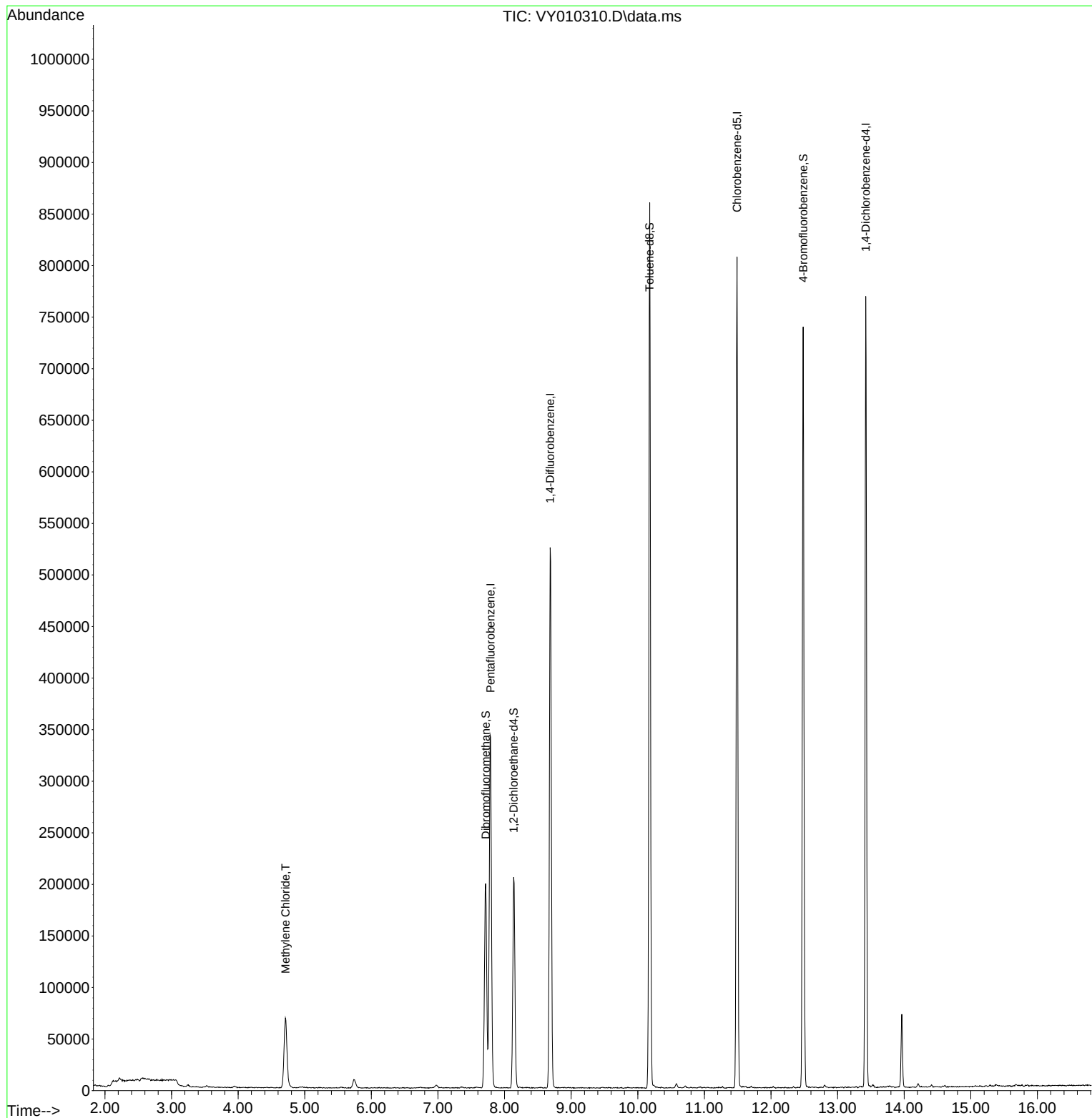
Internal Standards						
1) Pentafluorobenzene	7.789	168	277076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	468240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	439681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	201055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	160935	56.645	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.300%
35) Dibromofluoromethane	7.716	113	140686	45.133	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.260%
50) Toluene-d8	10.179	98	556248	53.299	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.600%
62) 4-Bromofluorobenzene	12.483	95	196572	46.603	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.200%
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	50784	14.817	ug/l	88

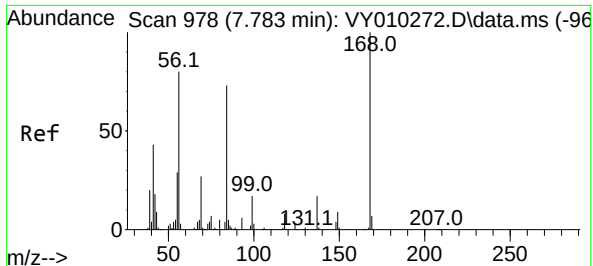
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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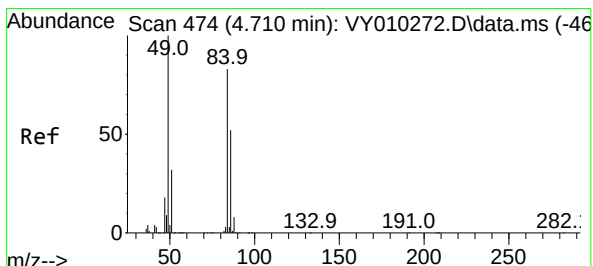
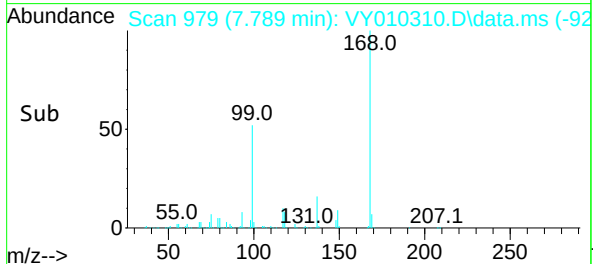
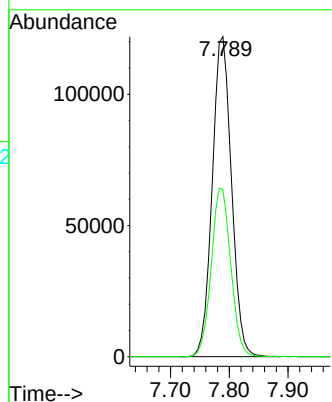
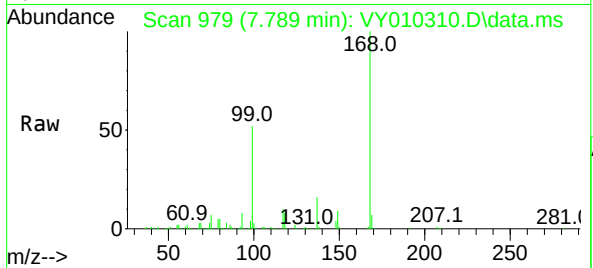




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010310.D
Acq: 03 Sep 2022 04:56

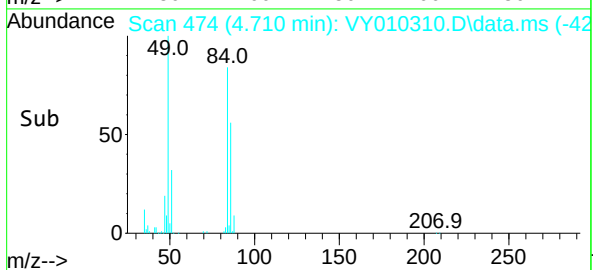
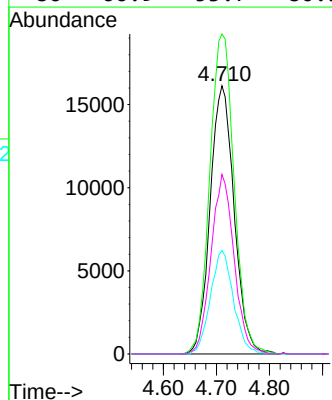
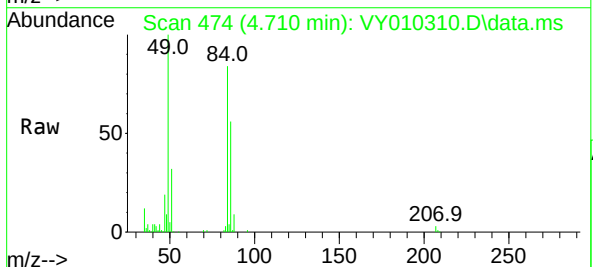
Instrument :
MSVOA_Y
ClientSampleId :
SB-10-9-11

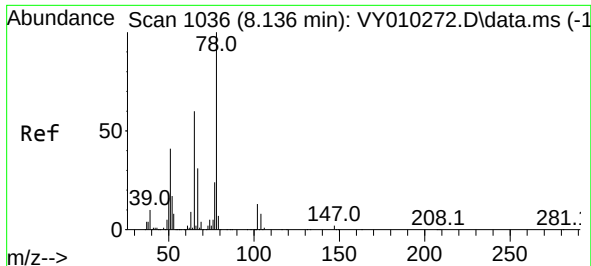
Tgt Ion:168 Resp: 277076
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#20
Methylene Chloride
Concen: 14.817 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010310.D
Acq: 03 Sep 2022 04:56

Tgt Ion: 84 Resp: 50784
Ion Ratio Lower Upper
84 100
49 119.3 114.4 171.6
51 38.6 35.3 52.9
86 66.9 53.7 80.5

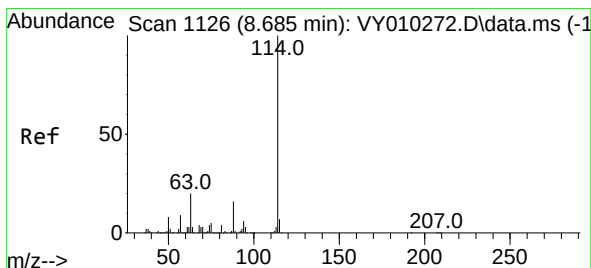
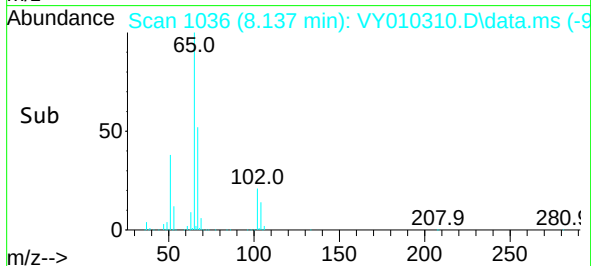
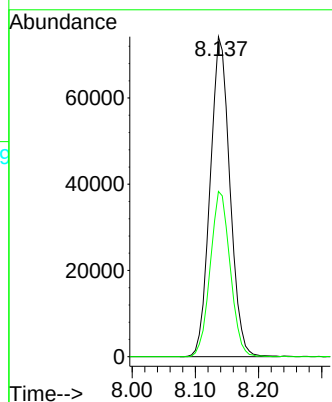
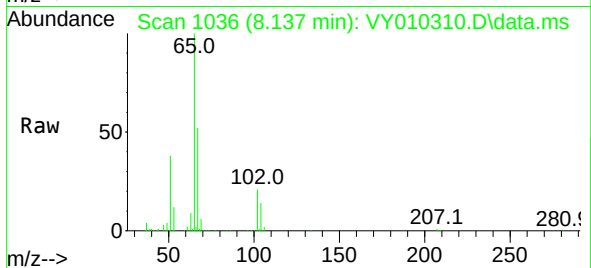




#33
 1,2-Dichloroethane-d4
 Concen: 56.645 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.001 min
 Lab File: VY010310.D
 Acq: 03 Sep 2022 04:56

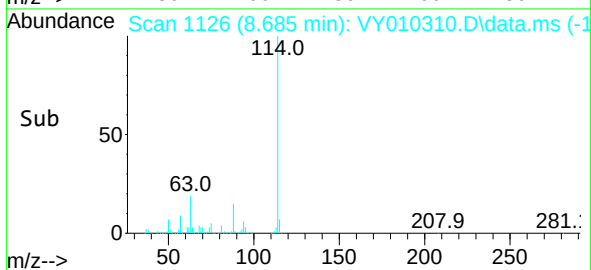
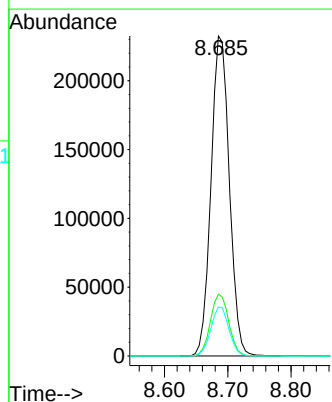
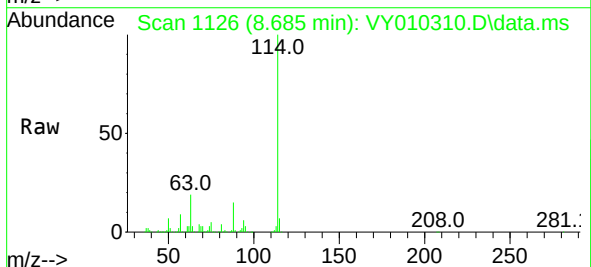
Instrument :
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 ClientSampleId :
 SB-10-9-11

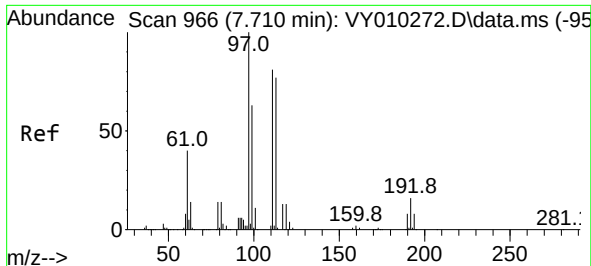
Tgt Ion: 65 Resp: 160935
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY010310.D
 Acq: 03 Sep 2022 04:56

Tgt Ion:114 Resp: 468240
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 43.2
 88 15.3 0.0 31.8

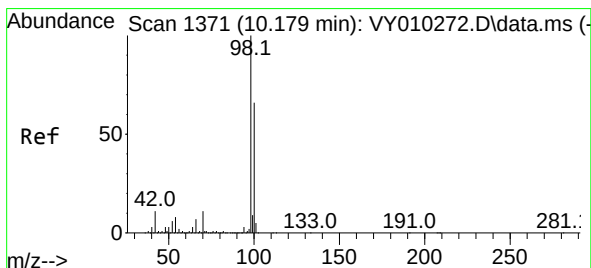
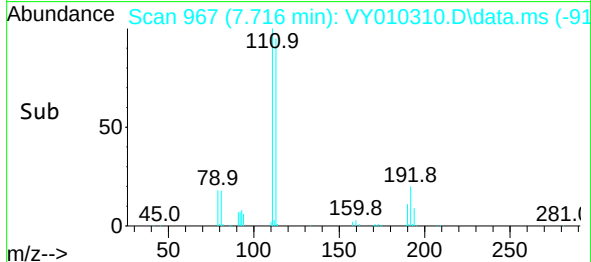
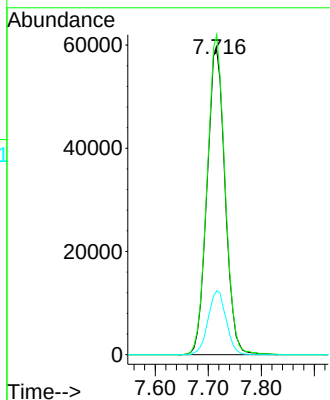
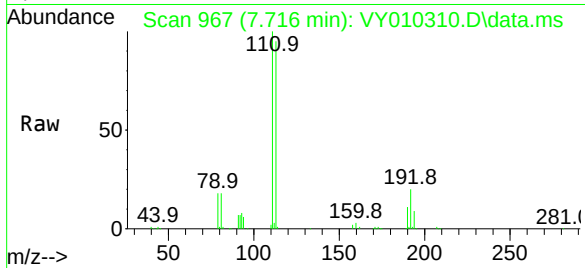




#35
Dibromofluoromethane
Concen: 45.133 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010310.D
Acq: 03 Sep 2022 04:56

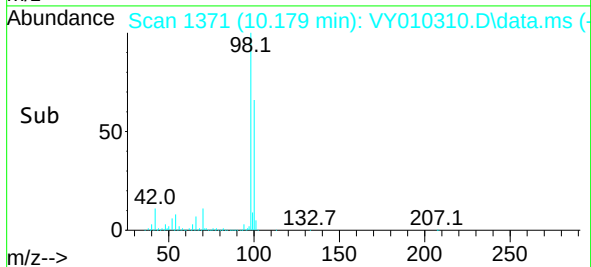
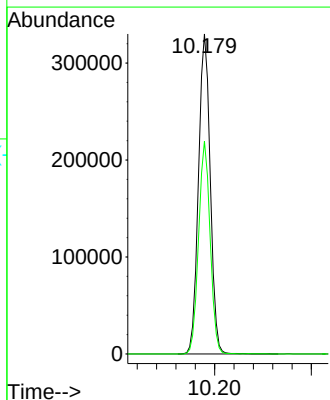
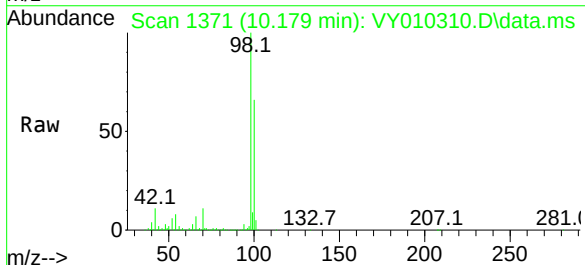
Instrument :
MSVOA_Y
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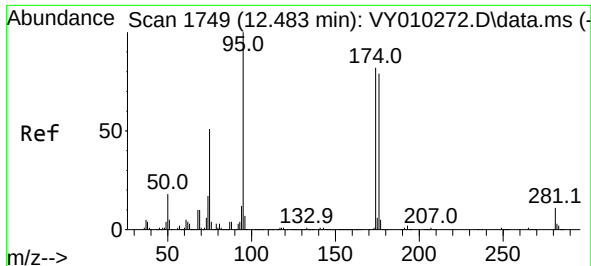
Tgt Ion:113 Resp: 140686
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 20.8 17.6 26.4



#50
Toluene-d8
Concen: 53.299 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010310.D
Acq: 03 Sep 2022 04:56

Tgt Ion: 98 Resp: 556248
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

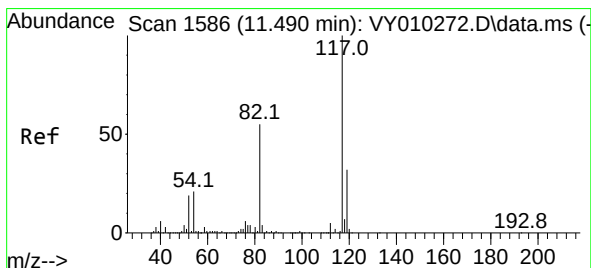
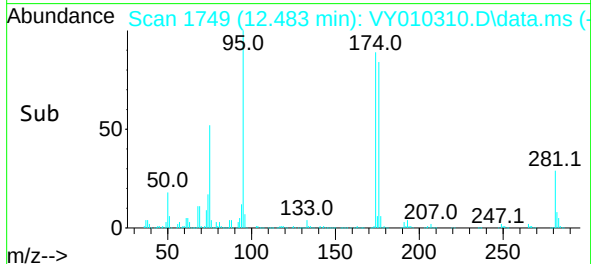
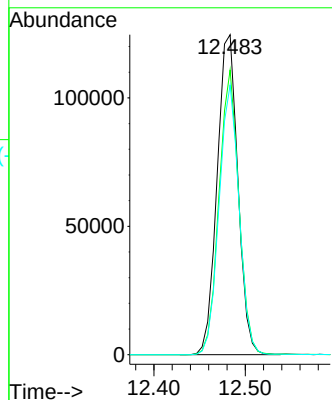
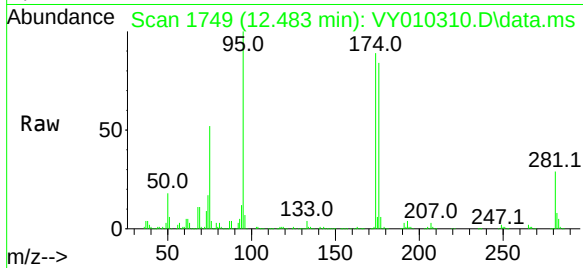




#62
4-Bromofluorobenzene
Concen: 46.603 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010310.D
Acq: 03 Sep 2022 04:56

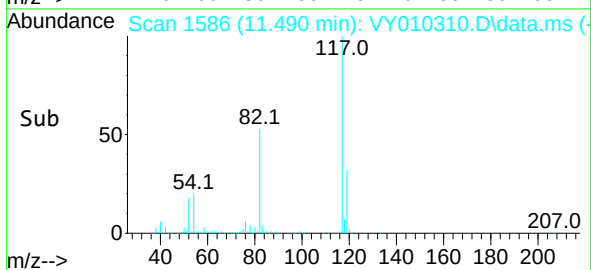
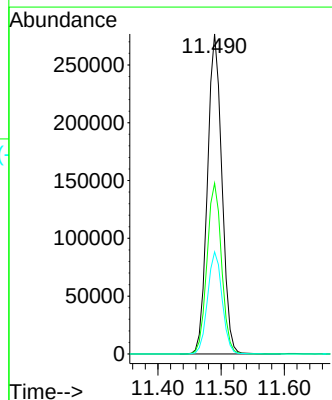
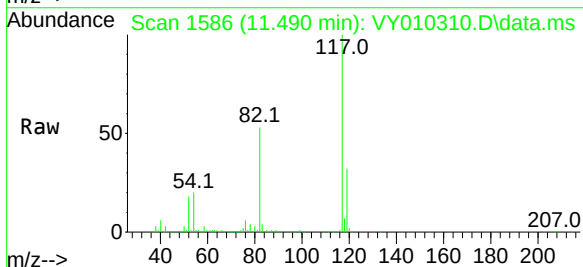
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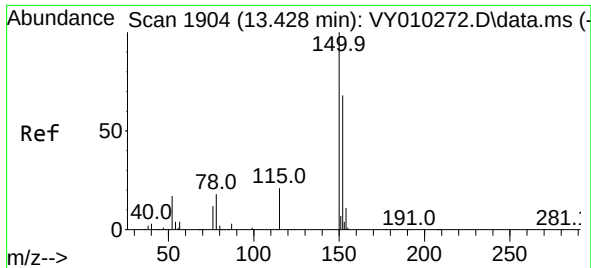
Tgt Ion: 95 Resp: 196572
Ion Ratio Lower Upper
95 100
174 84.9 0.0 177.0
176 81.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010310.D
Acq: 03 Sep 2022 04:56

Tgt Ion: 117 Resp: 439681
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 31.9 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: VY010310.D

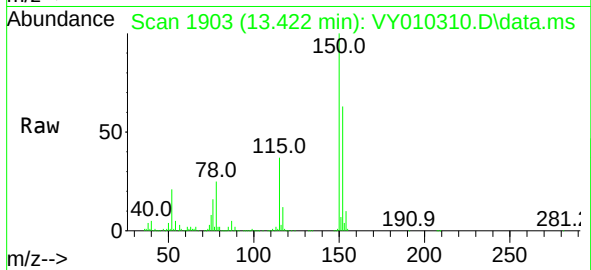
Acq: 03 Sep 2022 04:56

Instrument :

MSVOA_Y

ClientSampleId :

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Tgt Ion:152 Resp: 201055

Ion Ratio Lower Upper

152 100

115 58.2 28.2 84.7

150 159.1 0.0 347.6

