

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010303.D
 Acq On : 03 Sep 2022 02:12
 Operator : KP/MD
 Sample : N4379-08
 Misc : 5.81g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-04-12-13

Quant Time: Sep 03 06:11:21 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)

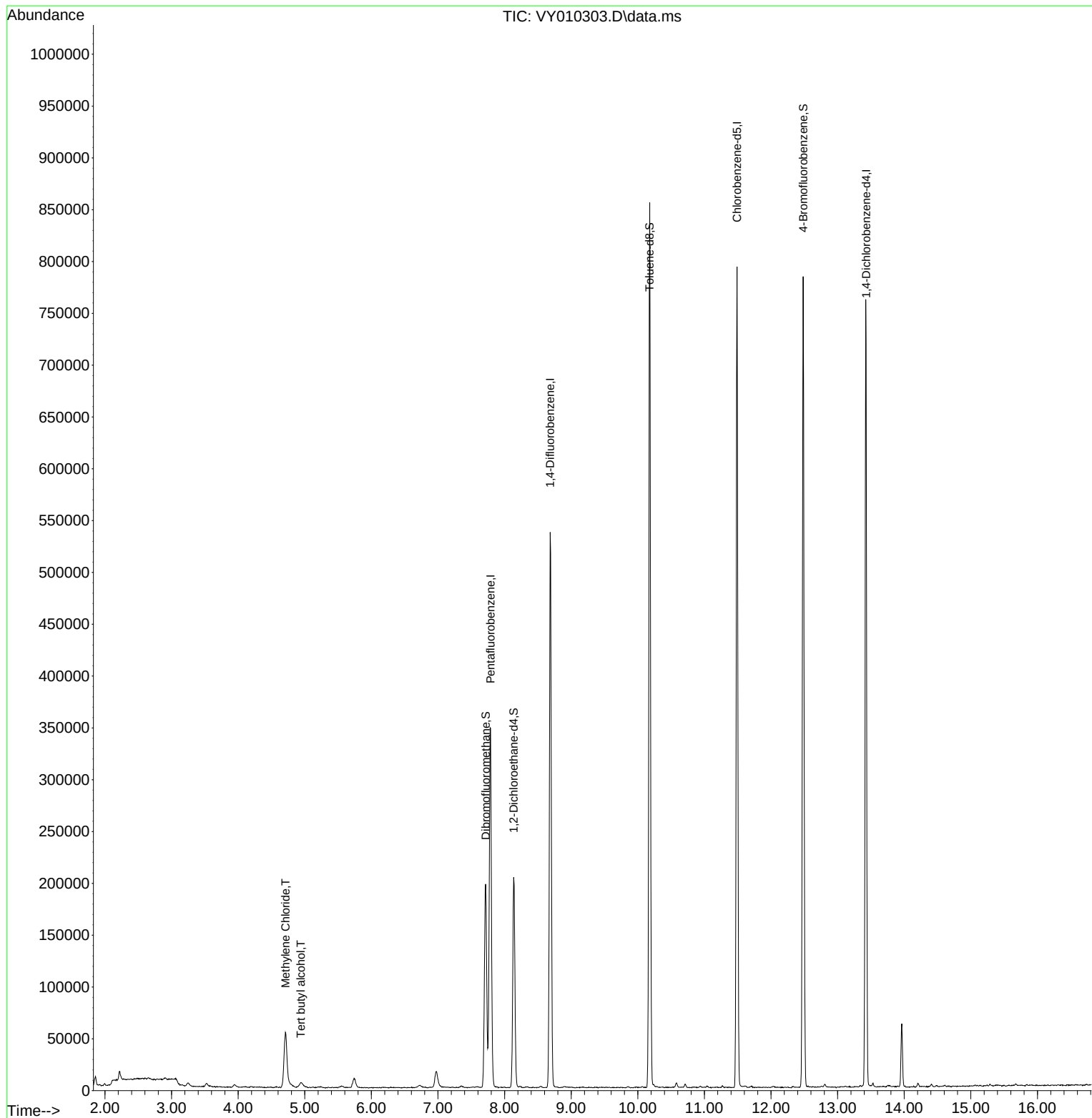
Internal Standards						
1) Pentafluorobenzene	7.789	168	277570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	466232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	432495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	201823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	158818	55.801	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.600%
35) Dibromofluoromethane	7.716	113	140609	45.302	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.600%
50) Toluene-d8	10.179	98	554698	53.380	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.760%
62) 4-Bromofluorobenzene	12.483	95	194607	46.294	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.580%
Target Compounds						
11) Tert butyl alcohol	4.942	59	8813	25.882	ug/l	96
20) Methylene Chloride	4.710	84	40393	11.764	ug/l	86

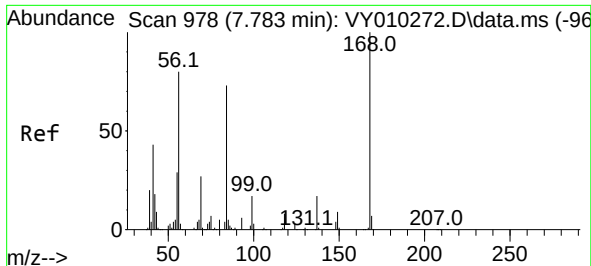
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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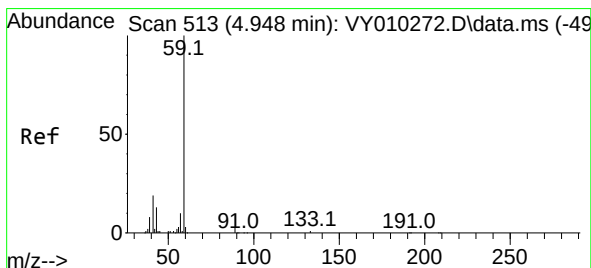
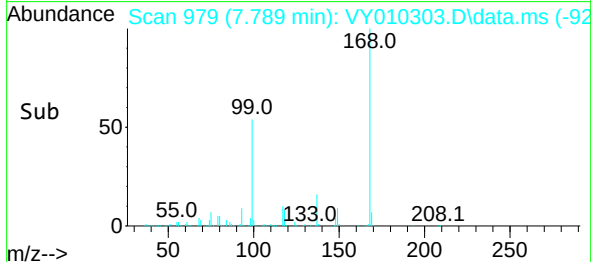
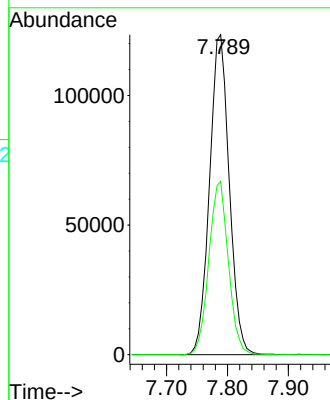
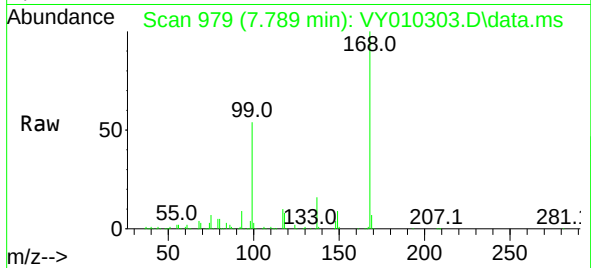




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010303.D
Acq: 03 Sep 2022 02:12

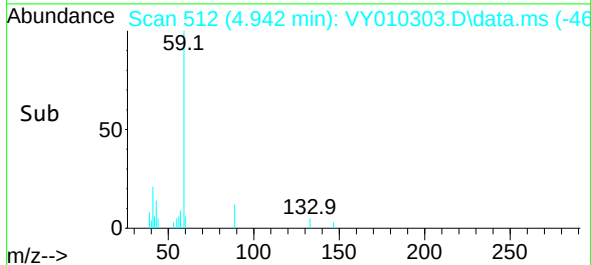
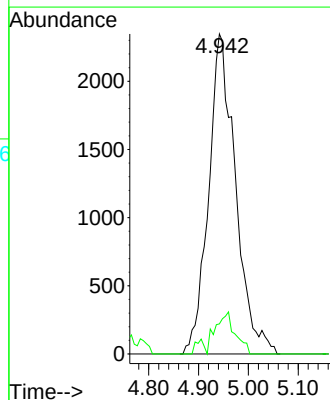
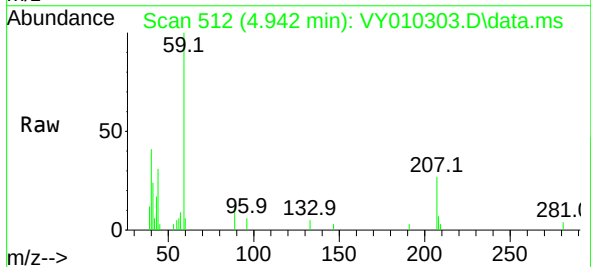
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-12-13

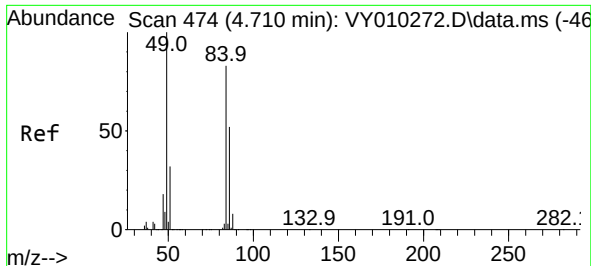
Tgt Ion:168 Resp: 277570
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#11
Tert butyl alcohol
Concen: 25.882 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY010303.D
Acq: 03 Sep 2022 02:12

Tgt Ion: 59 Resp: 8813
Ion Ratio Lower Upper
59 100
57 9.6 6.4 9.6

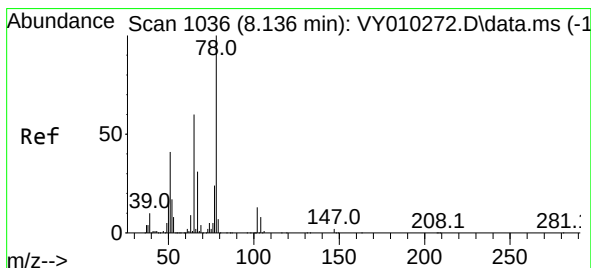
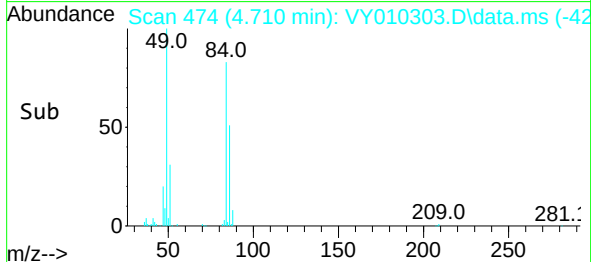
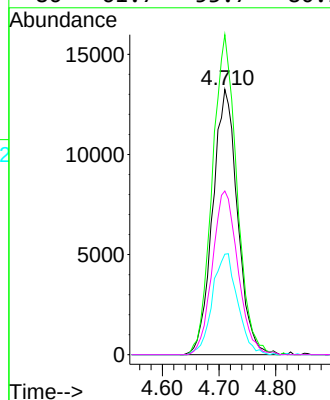
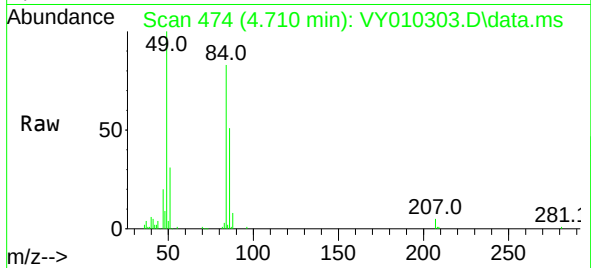




#20
Methylene Chloride
Concen: 11.764 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010303.D
Acq: 03 Sep 2022 02:12

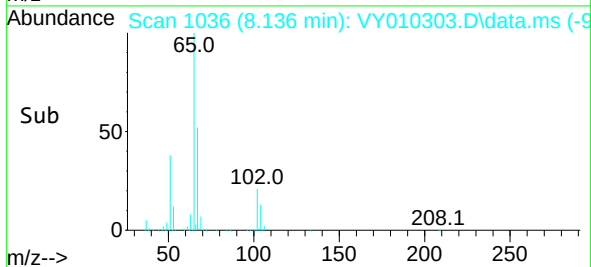
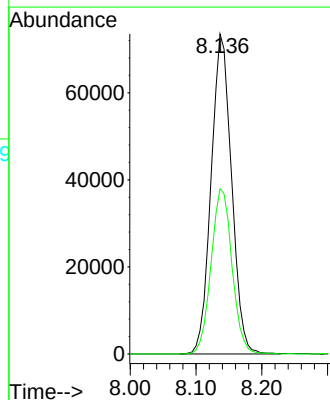
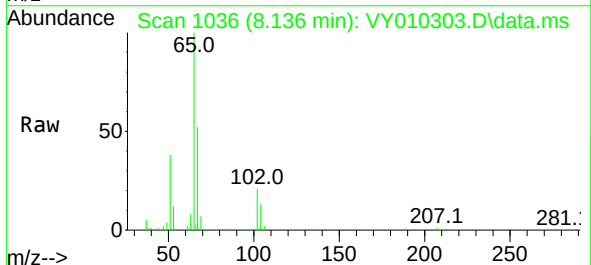
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-12-13

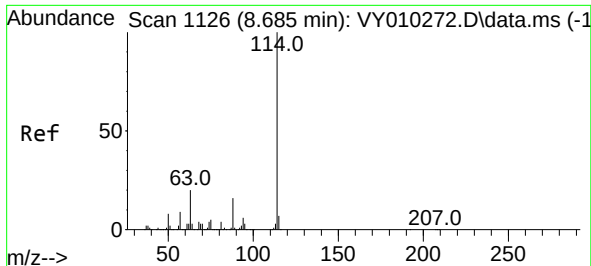
Tgt Ion: 84 Resp: 40393
Ion Ratio Lower Upper
84 100
49 120.7 114.4 171.6
51 37.9 35.3 52.9
86 61.7 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 55.801 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010303.D
Acq: 03 Sep 2022 02:12

Tgt Ion: 65 Resp: 158818
Ion Ratio Lower Upper
65 100
67 53.0 0.0 99.4

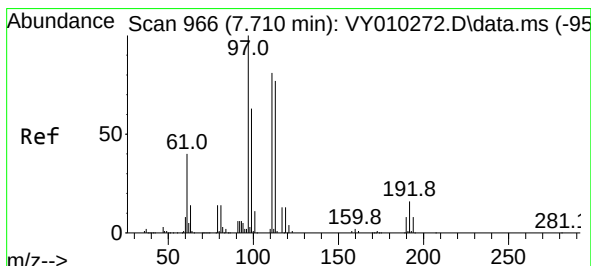
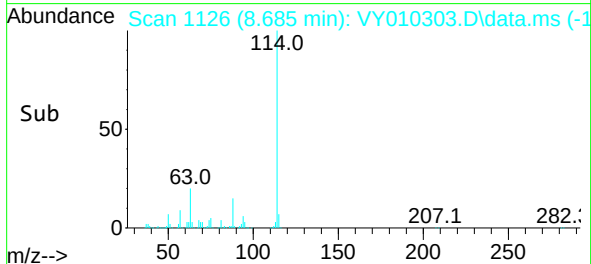
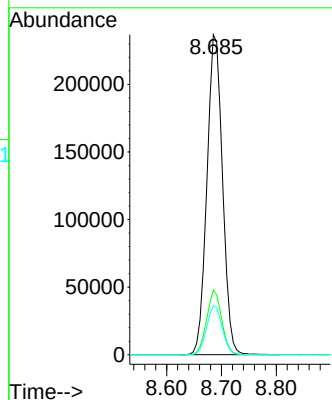
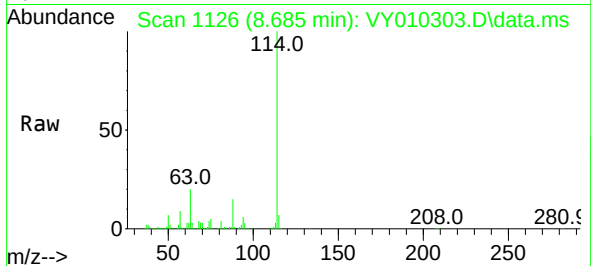




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010303.D
Acq: 03 Sep 2022 02:12

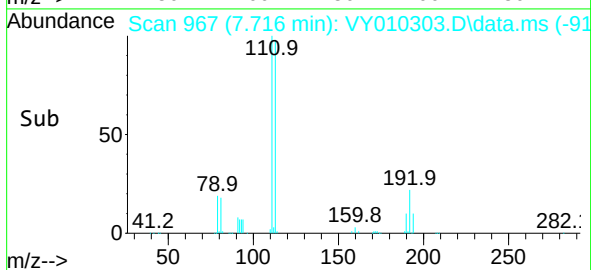
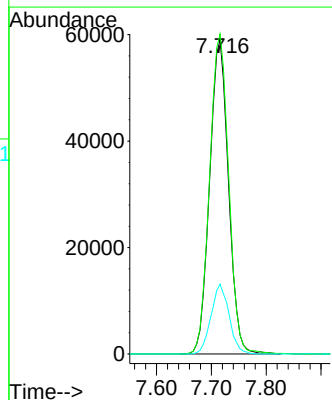
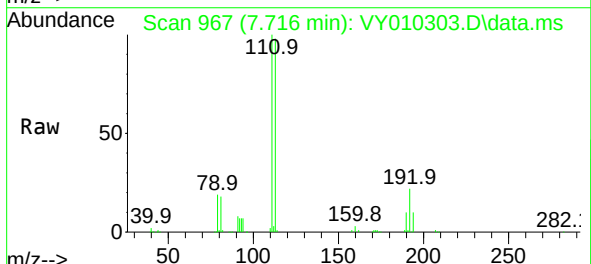
Instrument :
MSVOA_Y
ClientSampleId :
SB-04-12-13

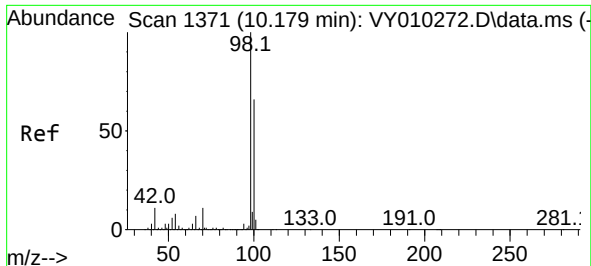
Tgt Ion:114 Resp: 466232
Ion Ratio Lower Upper
114 100
63 20.2 0.0 43.2
88 15.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 45.302 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010303.D
Acq: 03 Sep 2022 02:12

Tgt Ion:113 Resp: 140609
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 21.3 17.6 26.4

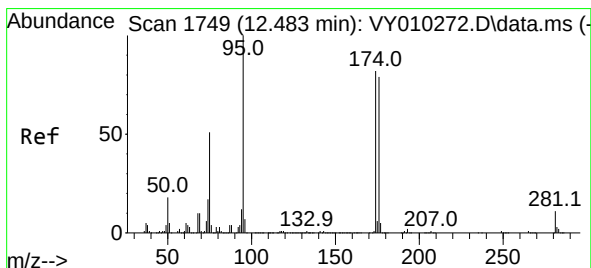
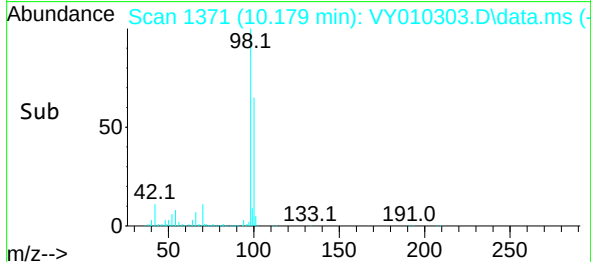
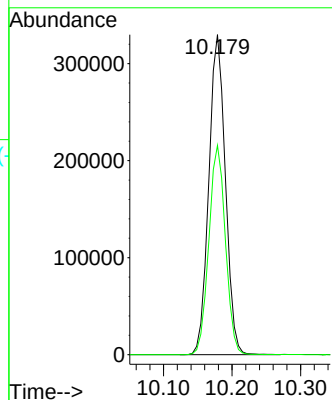
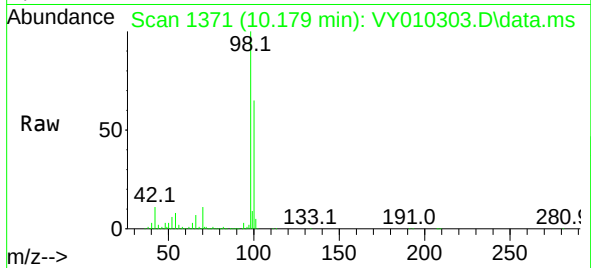




#50
Toluene-d8
Concen: 53.380 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010303.D
Acq: 03 Sep 2022 02:12

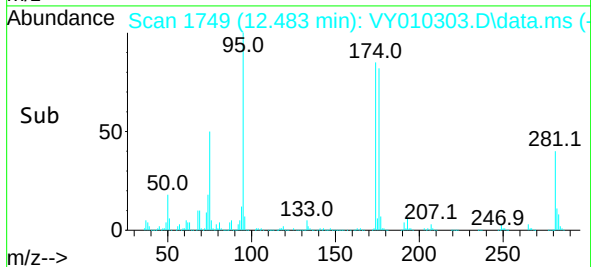
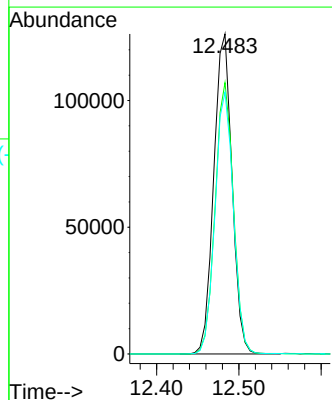
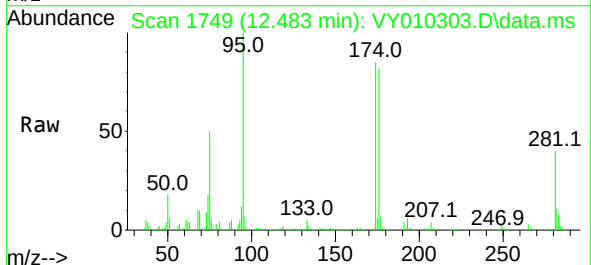
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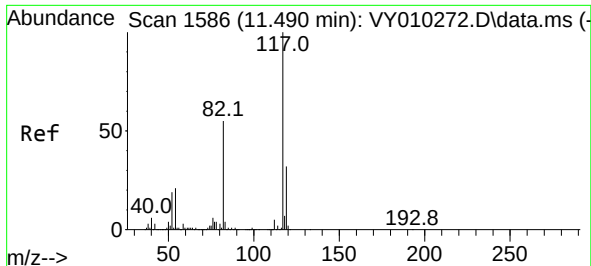
Tgt Ion: 98 Resp: 554698
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.294 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010303.D
Acq: 03 Sep 2022 02:12

Tgt Ion: 95 Resp: 194607
Ion Ratio Lower Upper
95 100
174 85.0 0.0 177.0
176 82.7 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY010303.D

Acq: 03 Sep 2022 02:12

Instrument :

MSVOA_Y

ClientSampleId :

SB-04-12-13

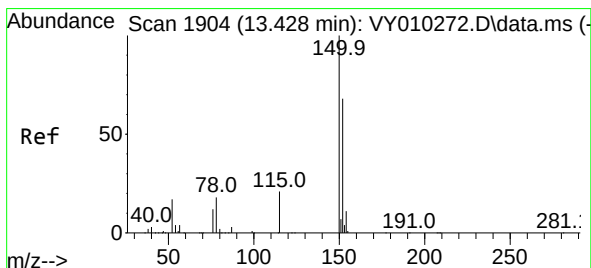
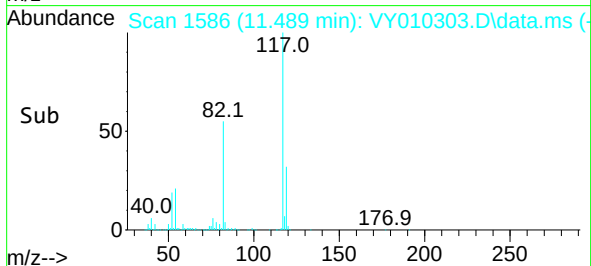
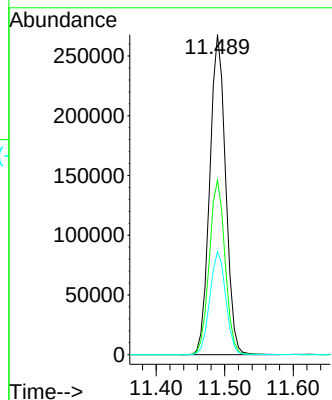
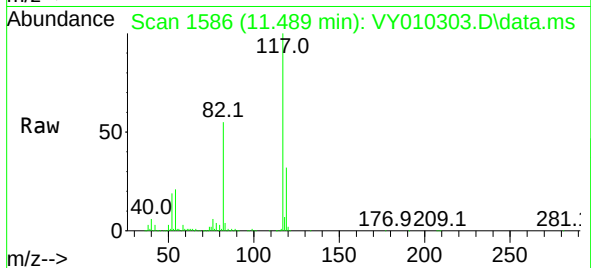
Tgt Ion:117 Resp: 432495

Ion Ratio Lower Upper

117 100

82 54.6 43.0 64.4

119 32.3 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: VY010303.D

Acq: 03 Sep 2022 02:12

Tgt Ion:152 Resp: 201823

Ion Ratio Lower Upper

152 100

115 57.4 28.2 84.7

150 154.9 0.0 347.6

