

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012224\
 Data File : VY017074.D
 Acq On : 22 Jan 2024 14:42
 Operator : SY/MD
 Sample : P1207-02
 Misc : 3.67g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EC68-NORTH

Quant Time: Jan 23 01:46:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

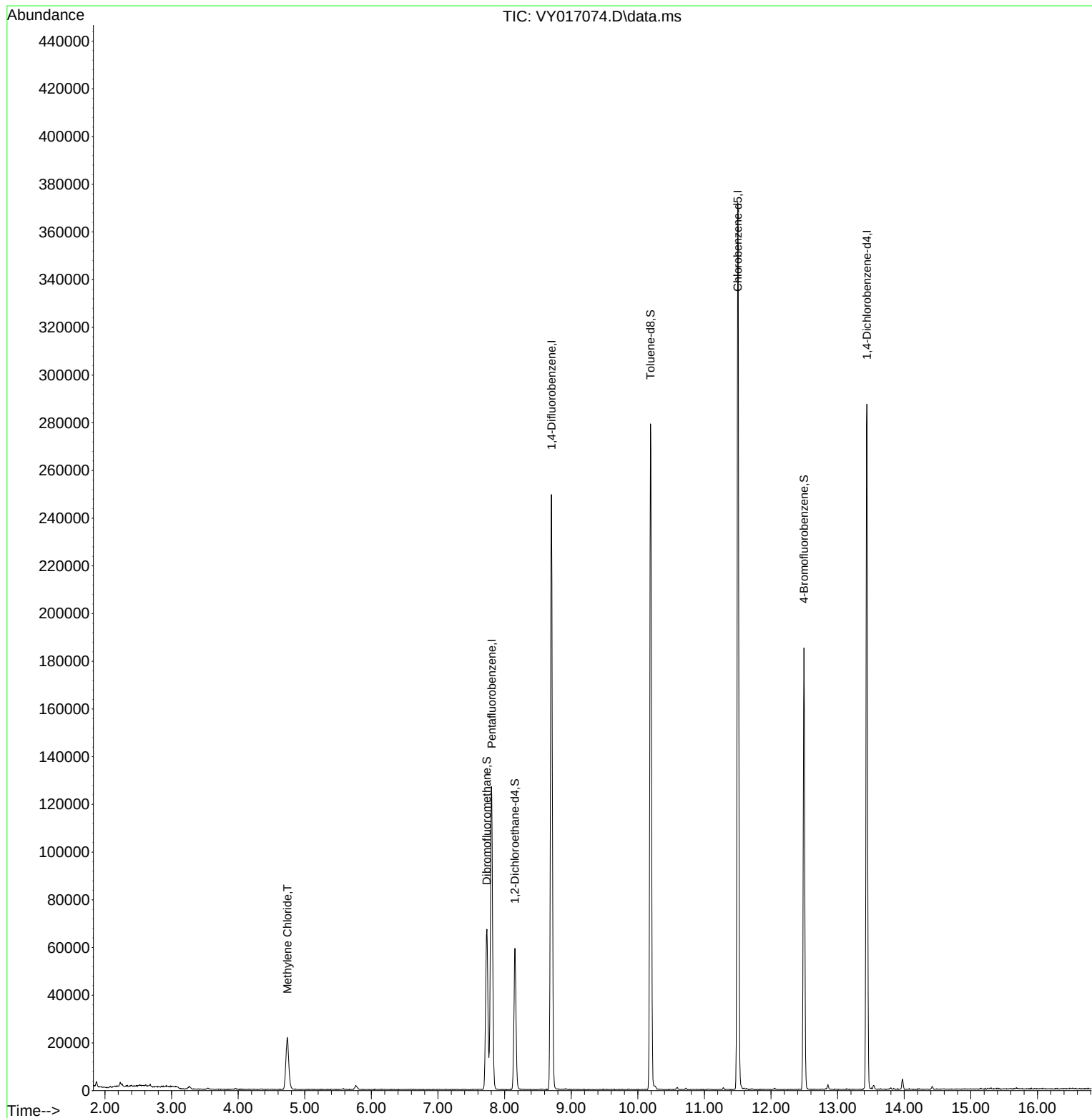
Internal Standards						
1) Pentafluorobenzene	7.807	168	98809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	209855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	200248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	74251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	44461	45.527	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.060%
35) Dibromofluoromethane	7.734	113	49680	37.150	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.300%
50) Toluene-d8	10.191	98	185336	40.247	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.500%
62) 4-Bromofluorobenzene	12.495	95	57111	36.759	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.520%
Target Compounds						
20) Methylene Chloride	4.741	84	15930	6.267	ug/l	Qvalue 99

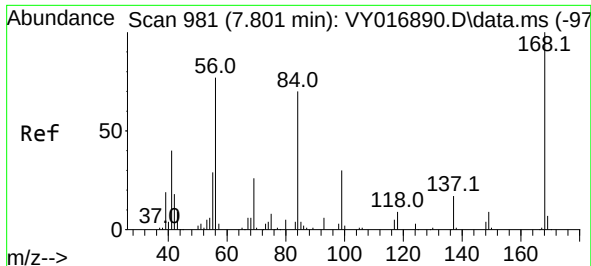
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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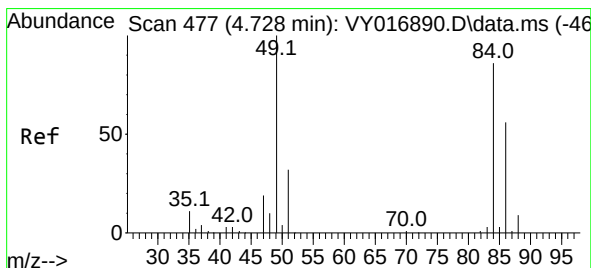
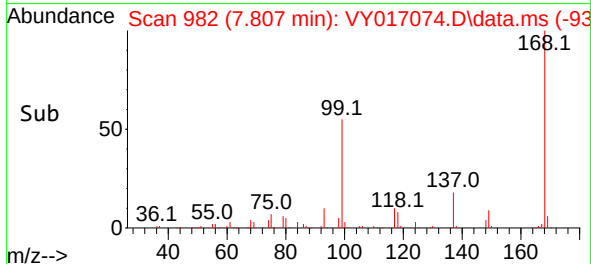
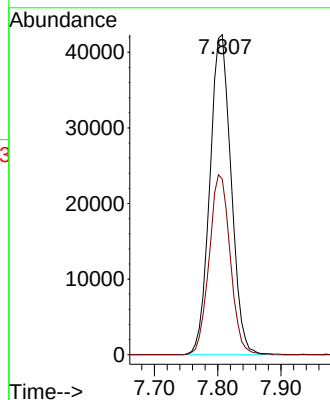
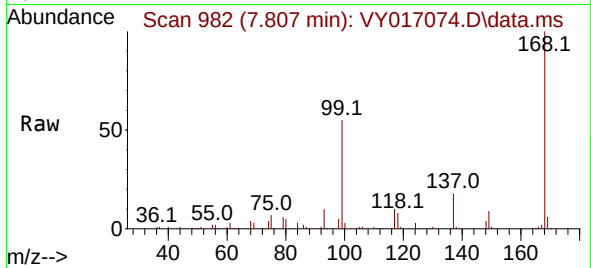




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY017074.D
Acq: 22 Jan 2024 14:42

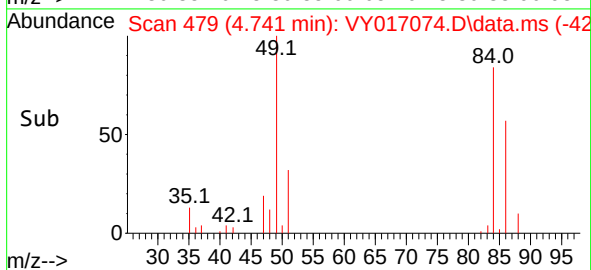
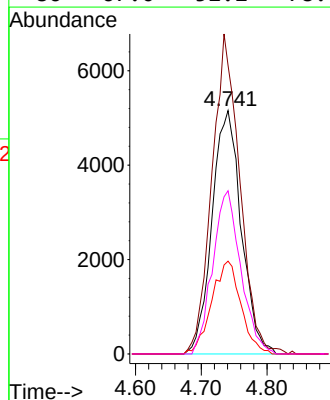
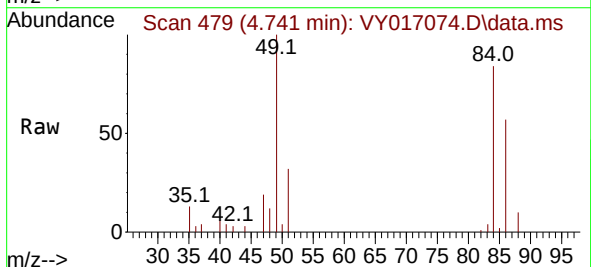
Instrument :
MSVOA_Y
ClientSampleId :
EC68-NORTH

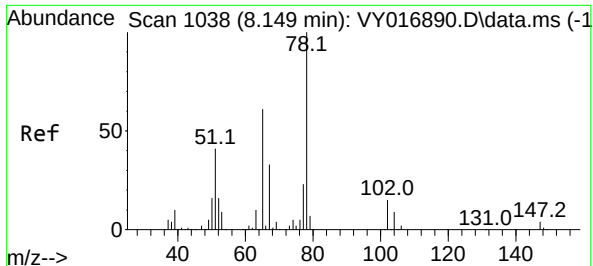
Tgt Ion:168 Resp: 98809
Ion Ratio Lower Upper
168 100
99 54.9 44.2 66.4



#20
Methylene Chloride
Concen: 6.267 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.007 min
Lab File: VY017074.D
Acq: 22 Jan 2024 14:42

Tgt Ion: 84 Resp: 15930
Ion Ratio Lower Upper
84 100
49 118.6 95.2 142.8
51 38.1 29.9 44.9
86 67.0 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 45.527 ug/l

RT: 8.155 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VY017074.D

Acq: 22 Jan 2024 14:42

Instrument :

MSVOA_Y

ClientSampleId :

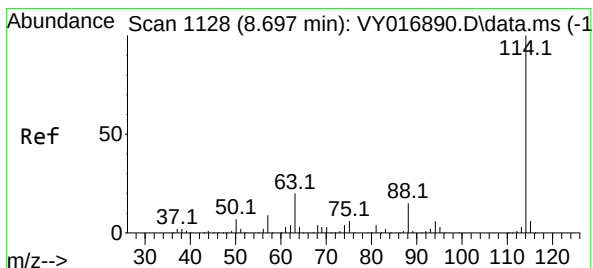
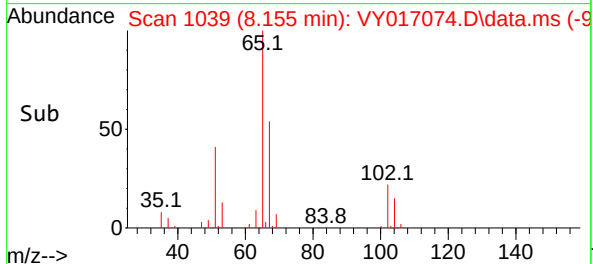
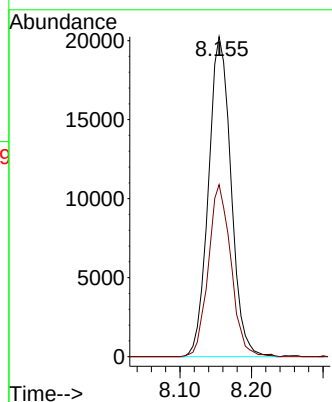
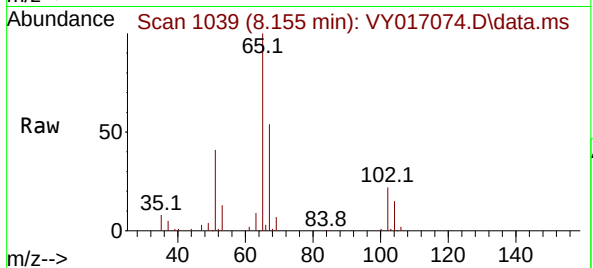
EC68-NORTH

Tgt Ion: 65 Resp: 44461

Ion Ratio Lower Upper

65 100

67 53.7 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY017074.D

Acq: 22 Jan 2024 14:42

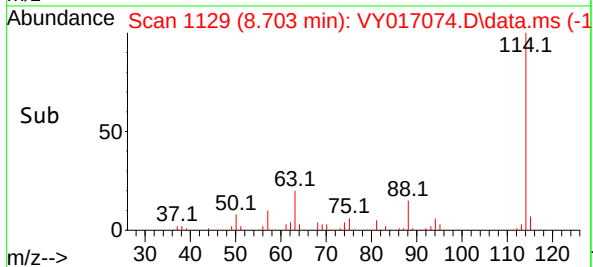
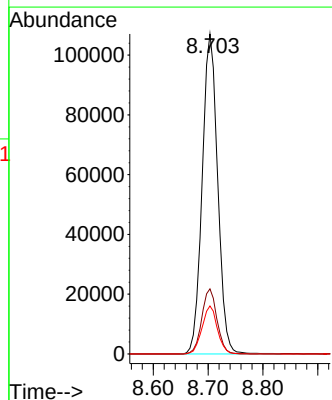
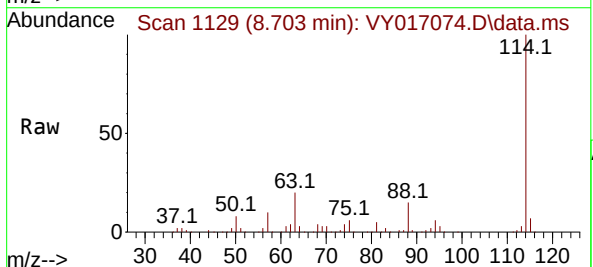
Tgt Ion: 114 Resp: 209855

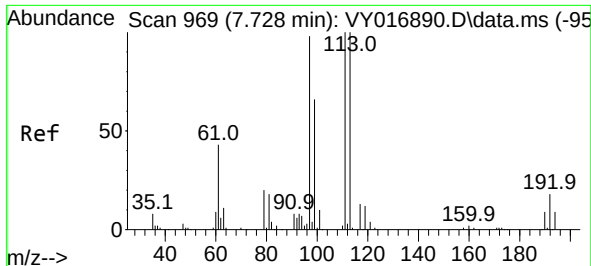
Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 15.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 37.150 ug/l

RT: 7.734 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY017074.D

Acq: 22 Jan 2024 14:42

Instrument :

MSVOA_Y

ClientSampleId :

EC68-NORTH

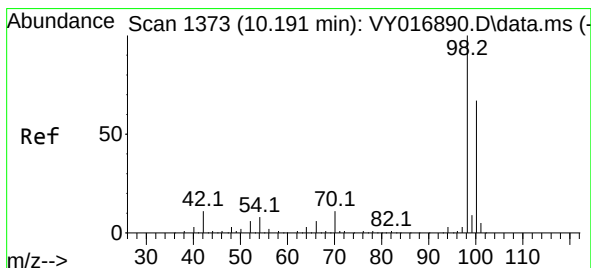
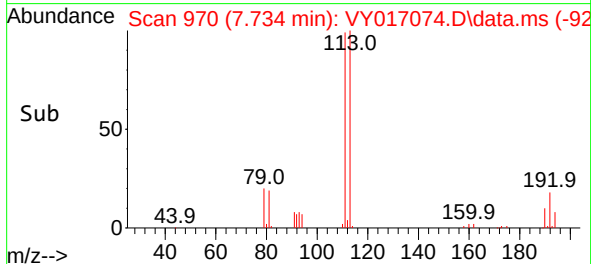
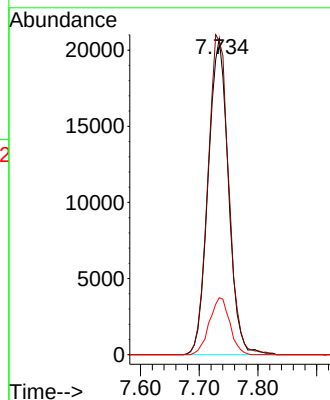
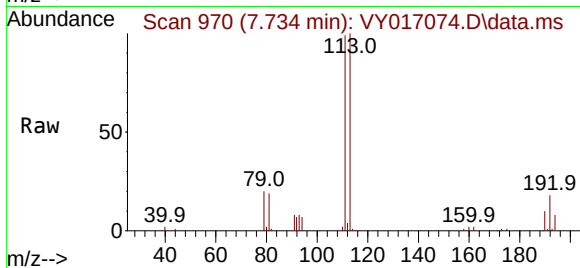
Tgt Ion:113 Resp: 49680

Ion Ratio Lower Upper

113 100

111 104.1 83.8 125.6

192 18.1 14.5 21.7



#50

Toluene-d8

Concen: 40.247 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY017074.D

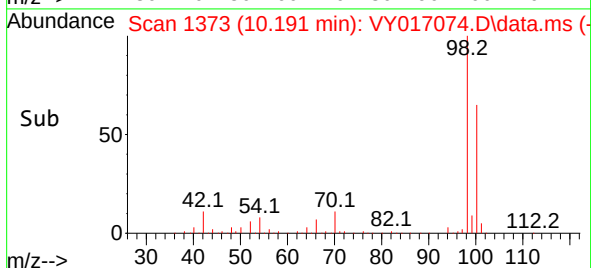
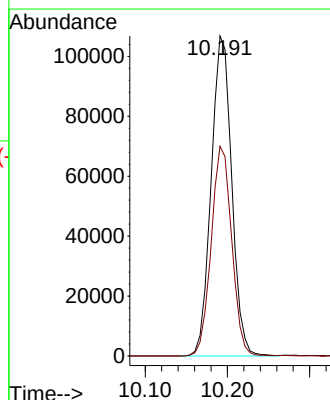
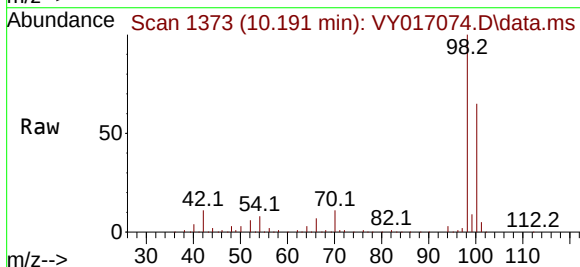
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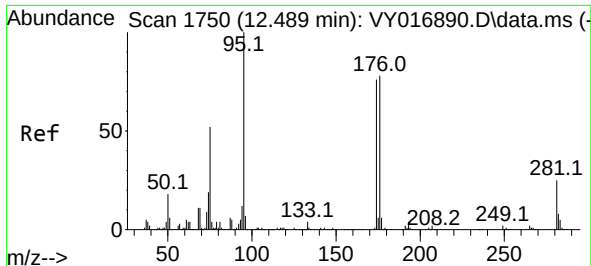
Tgt Ion: 98 Resp: 185336

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5

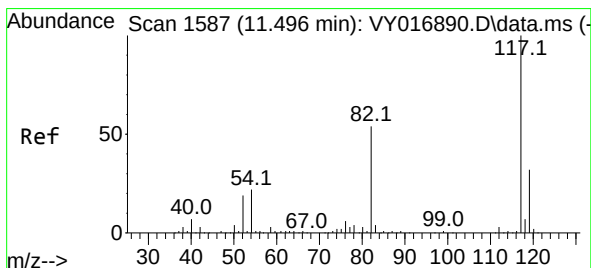
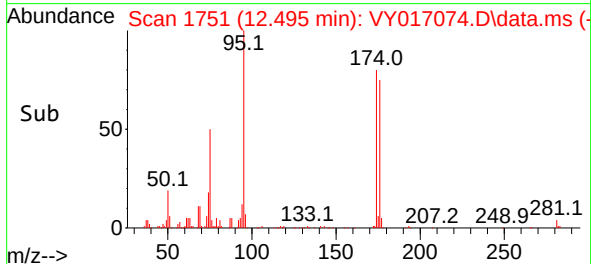
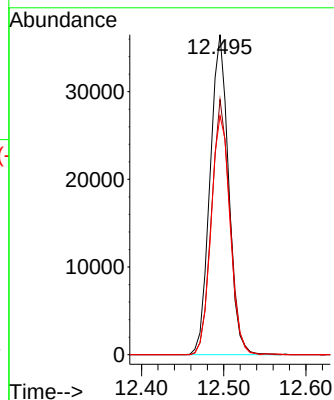
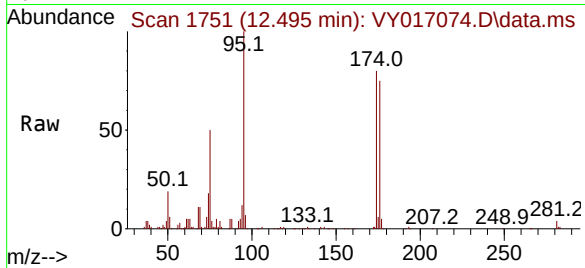




#62
4-Bromofluorobenzene
Concen: 36.759 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017074.D
Acq: 22 Jan 2024 14:42

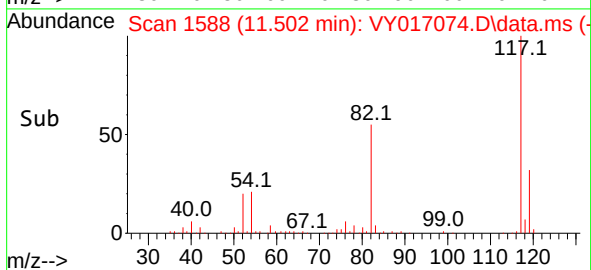
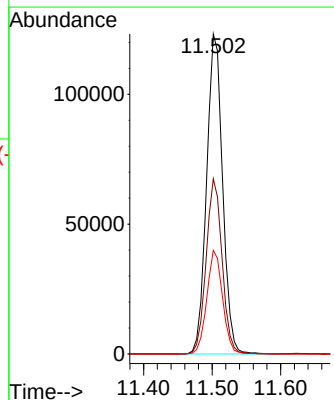
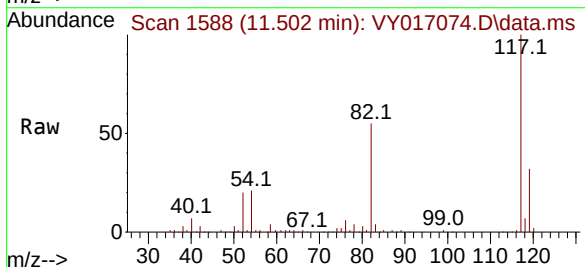
Instrument :
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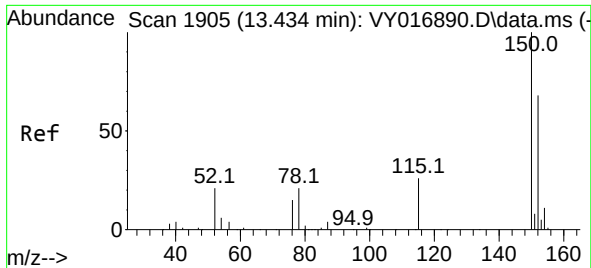
Tgt Ion: 95 Resp: 57111
Ion Ratio Lower Upper
95 100
174 79.3 0.0 160.0
176 76.5 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY017074.D
Acq: 22 Jan 2024 14:42

Tgt Ion: 117 Resp: 200248
Ion Ratio Lower Upper
117 100
82 54.8 43.8 65.8
119 32.3 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017074.D

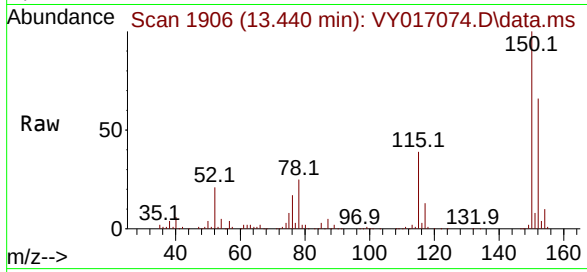
Acq: 22 Jan 2024 14:42

Instrument :

MSVOA_Y

ClientSampleId :

EC68-NORTH



Tgt Ion:152 Resp: 74251

Ion Ratio Lower Upper

152 100

115 58.9 30.0 90.0

150 155.6 0.0 344.6

