

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012224\
 Data File : VY017073.D
 Acq On : 22 Jan 2024 14:19
 Operator : SY/MD
 Sample : P1207-01
 Misc : 7.64g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EC68-SOUTH

Quant Time: Jan 23 01:45:56 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)

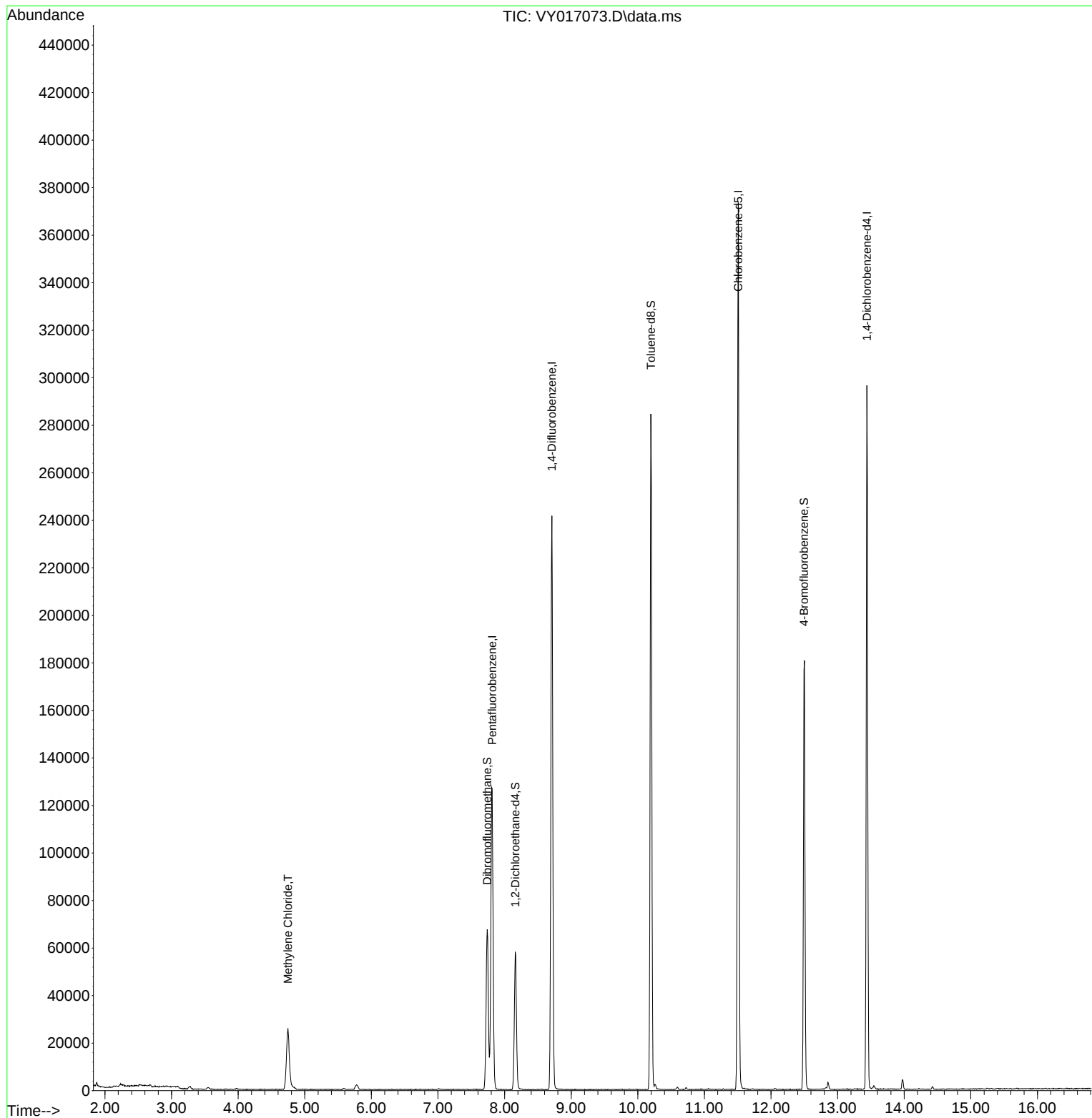
Internal Standards						
1) Pentafluorobenzene	7.813	168	99604	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	207340	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	201084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	72758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	44215	44.914	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.820%
35) Dibromofluoromethane	7.740	113	49573	37.520	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.040%
50) Toluene-d8	10.197	98	185257	40.718	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	81.440%
62) 4-Bromofluorobenzene	12.495	95	56999	37.132	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.260%
Target Compounds						
20) Methylene Chloride	4.747	84	19485	9.273	ug/l	Qvalue 98

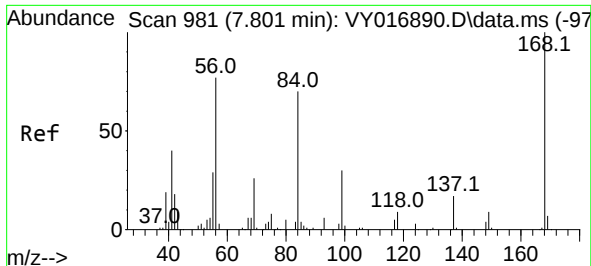
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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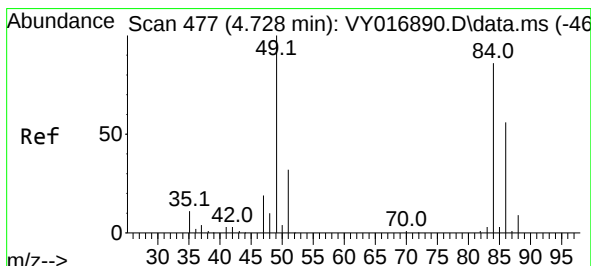
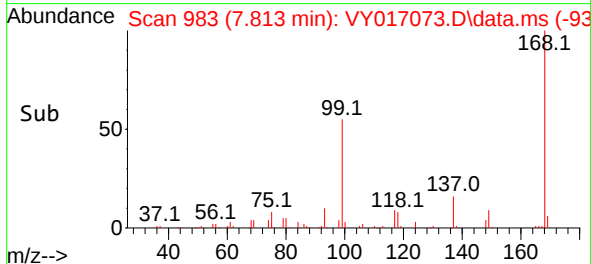
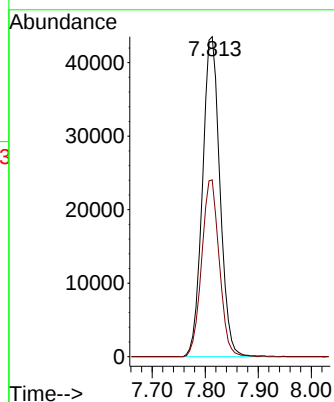
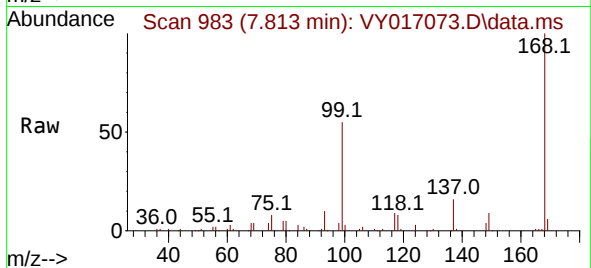




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017073.D
Acq: 22 Jan 2024 14:19

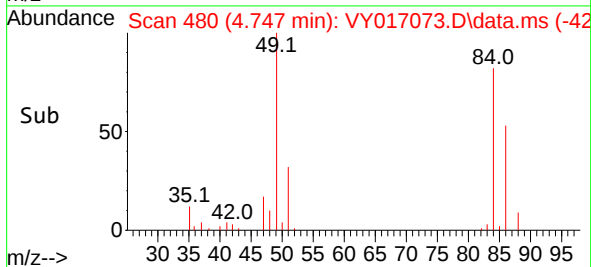
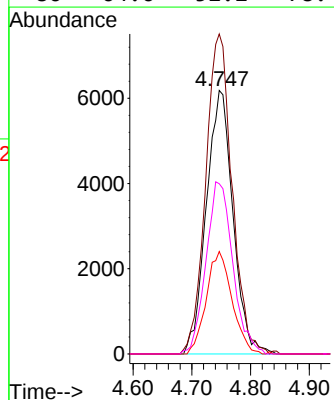
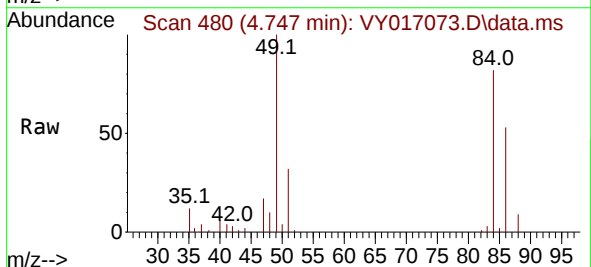
Instrument :
MSVOA_Y
ClientSampleId :
EC68-SOUTH

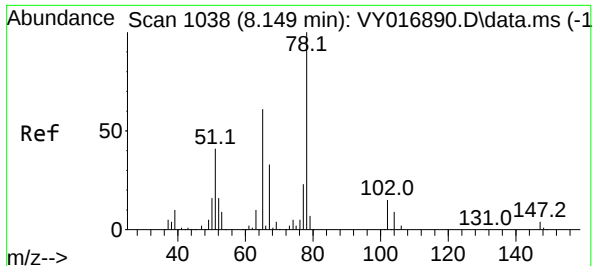
Tgt Ion:168 Resp: 99604
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4



#20
Methylene Chloride
Concen: 9.273 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.013 min
Lab File: VY017073.D
Acq: 22 Jan 2024 14:19

Tgt Ion: 84 Resp: 19485
Ion Ratio Lower Upper
84 100
49 121.4 95.2 142.8
51 38.8 29.9 44.9
86 64.6 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 44.914 ug/l

RT: 8.161 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY017073.D

Acq: 22 Jan 2024 14:19

Instrument :

MSVOA_Y

ClientSampleId :

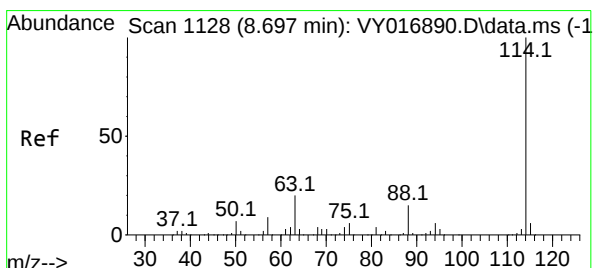
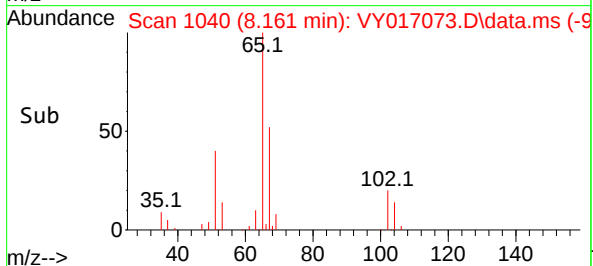
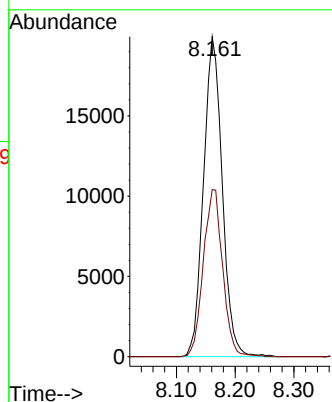
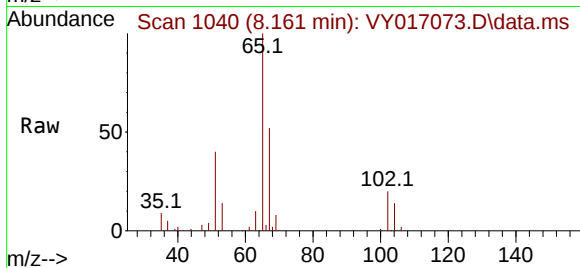
EC68-SOUTH

Tgt Ion: 65 Resp: 44215

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY017073.D

Acq: 22 Jan 2024 14:19

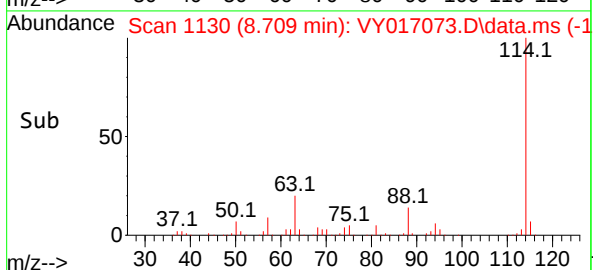
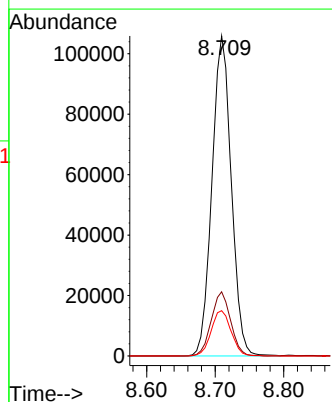
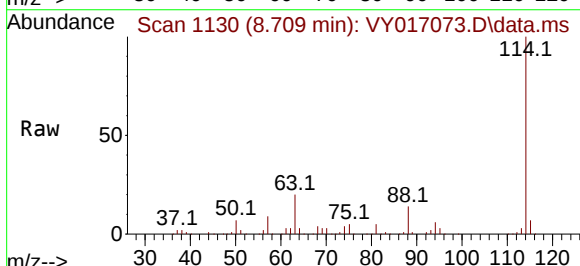
Tgt Ion: 114 Resp: 207340

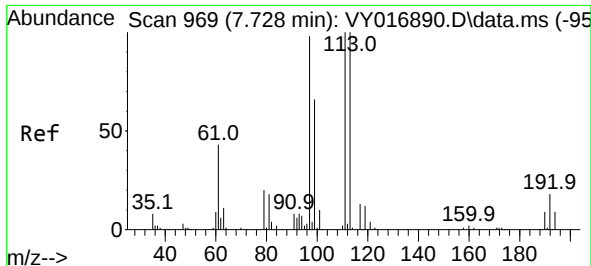
Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 14.2 0.0 29.0

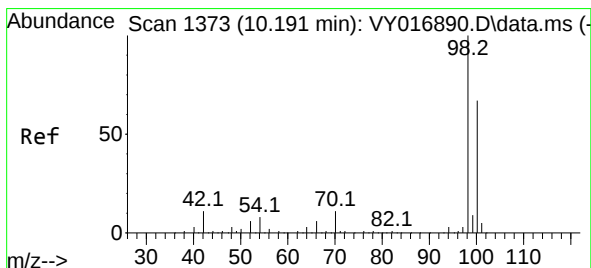
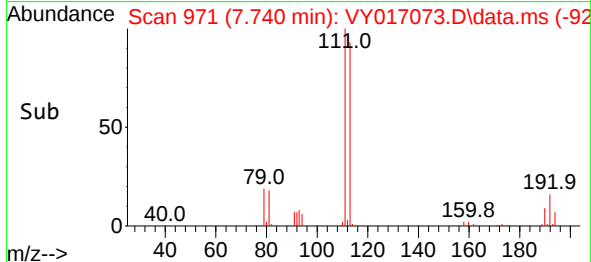
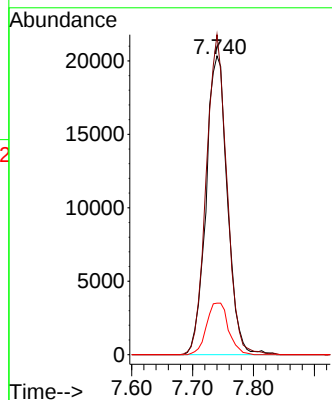
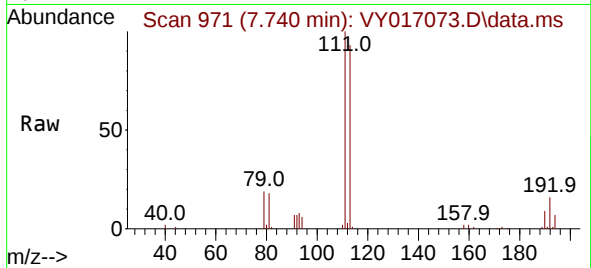




#35
Dibromofluoromethane
Concen: 37.520 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017073.D
Acq: 22 Jan 2024 14:19

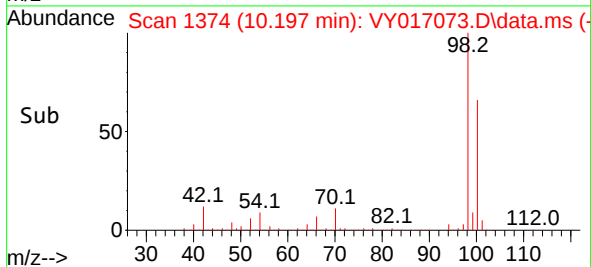
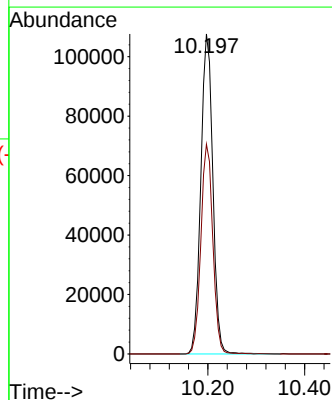
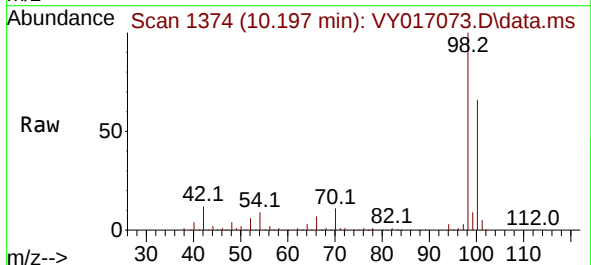
Instrument :
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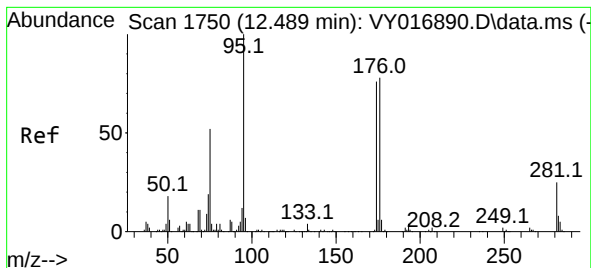
Tgt Ion:113 Resp: 49573
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.6
192 17.7 14.5 21.7



#50
Toluene-d8
Concen: 40.718 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY017073.D
Acq: 22 Jan 2024 14:19

Tgt Ion: 98 Resp: 185257
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5

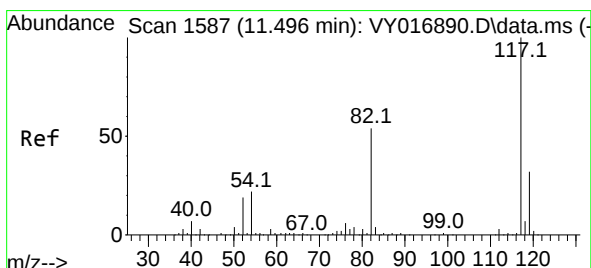
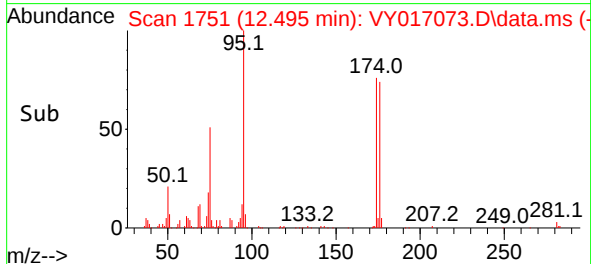
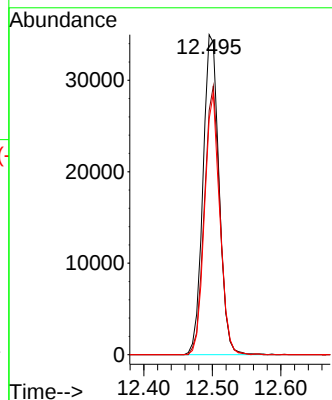
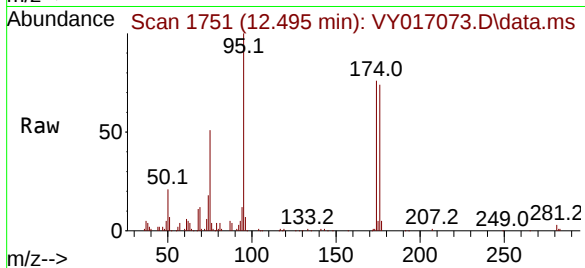




#62
4-Bromofluorobenzene
Concen: 37.132 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017073.D
Acq: 22 Jan 2024 14:19

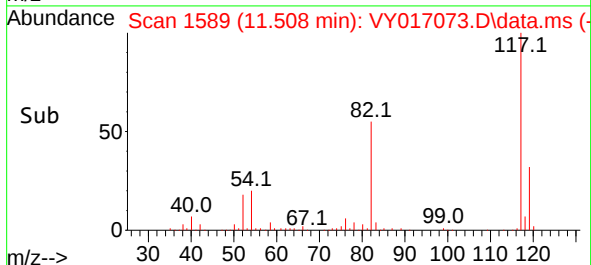
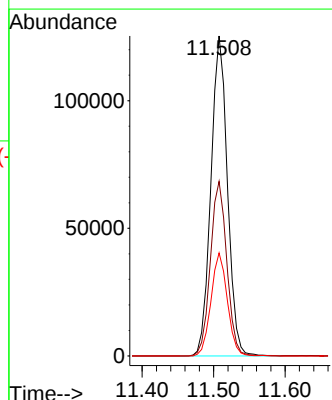
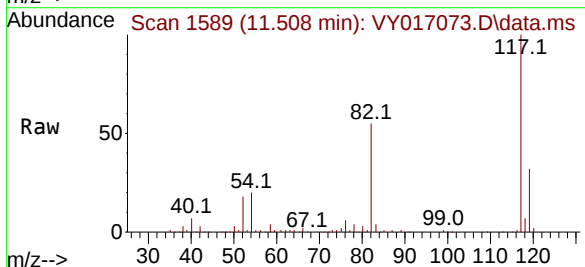
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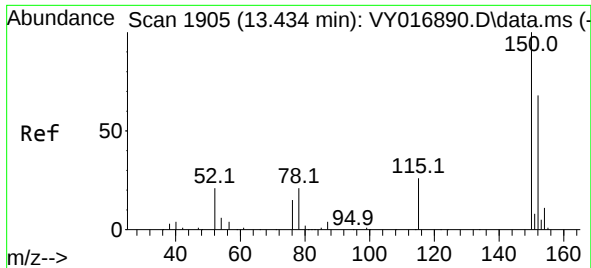
Tgt Ion: 95 Resp: 56999
Ion Ratio Lower Upper
95 100
174 81.9 0.0 160.0
176 77.5 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY017073.D
Acq: 22 Jan 2024 14:19

Tgt Ion: 117 Resp: 201084
Ion Ratio Lower Upper
117 100
82 54.6 43.8 65.8
119 32.2 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: VY017073.D
 Acq: 22 Jan 2024 14:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 EC68-SOUTH

Tgt Ion:152 Resp: 72758
 Ion Ratio Lower Upper
 152 100
 115 58.2 30.0 90.0
 150 158.5 0.0 344.6

