

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040424\
 Data File : VY017851.D
 Acq On : 04 Apr 2024 13:58
 Operator : SY/MD
 Sample : P1980-03
 Misc : 4.68g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC13-GRAB-14-15

Quant Time: Apr 05 00:47:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

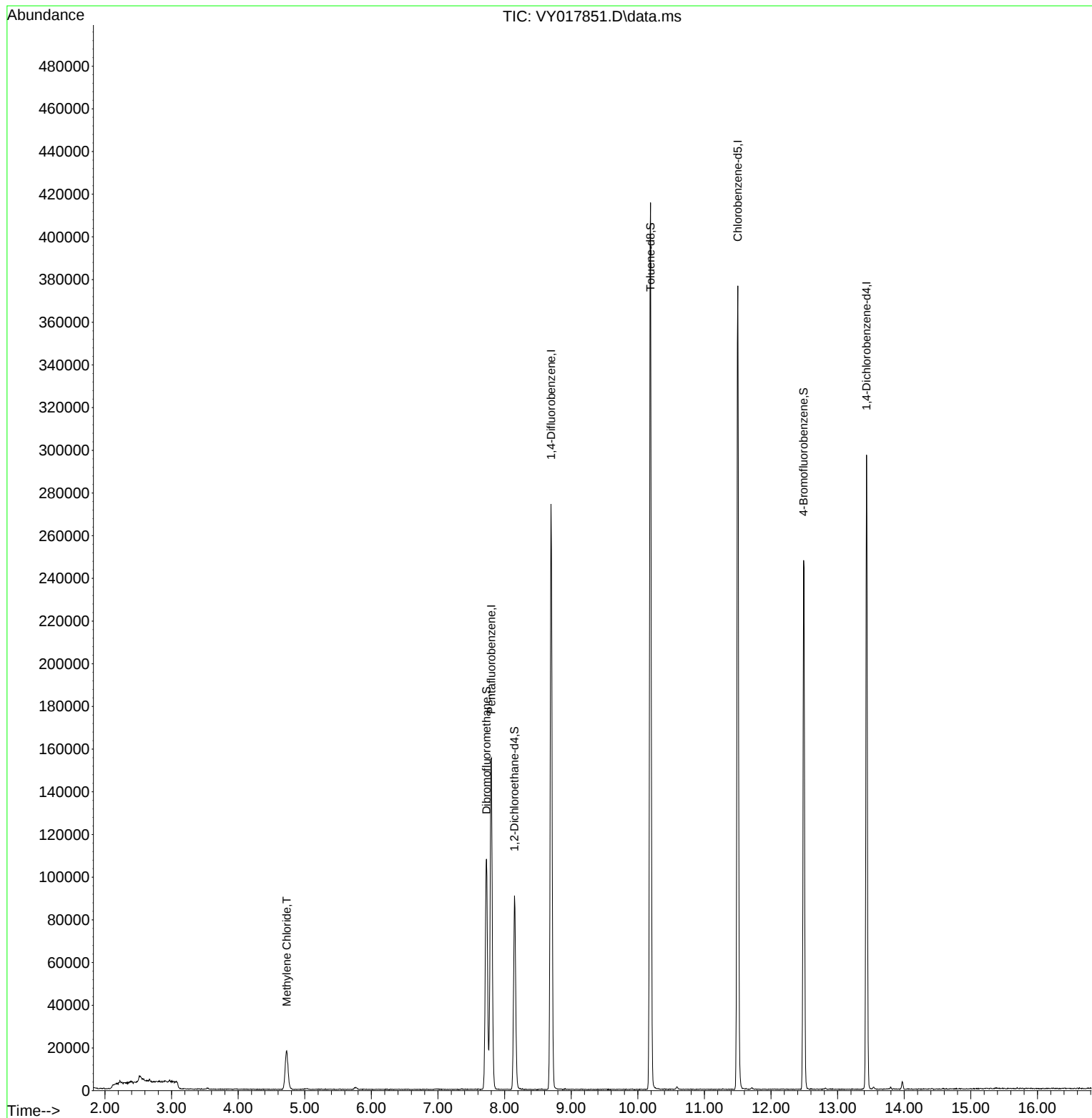
Internal Standards						
1) Pentafluorobenzene	7.801	168	123763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	237831	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	209271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	77535	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	70031	65.390	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.780%	
35) Dibromofluoromethane	7.728	113	75636	55.036	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.080%	
50) Toluene-d8	10.191	98	274663	53.503	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.000%	
62) 4-Bromofluorobenzene	12.489	95	70085	44.872	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.740%	
Target Compounds						Qvalue
20) Methylene Chloride	4.728	84	14911	8.804	ug/l	97

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

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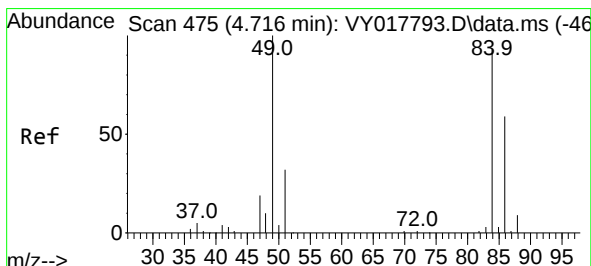
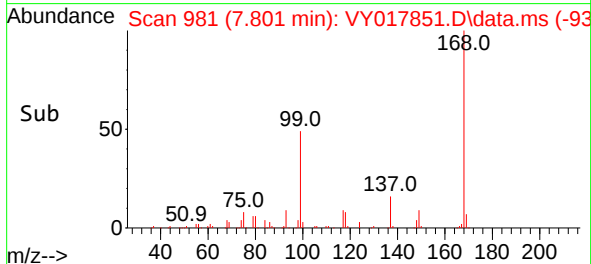
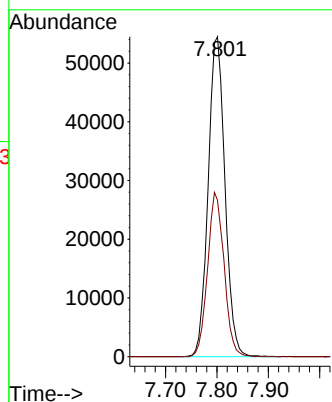
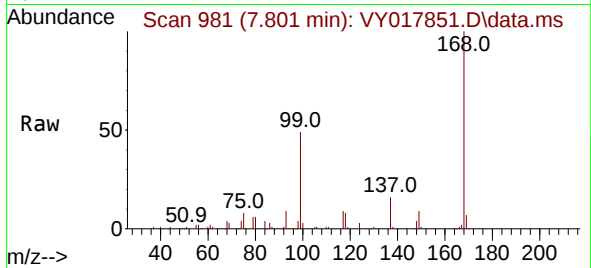




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017851.D
Acq: 04 Apr 2024 13:58

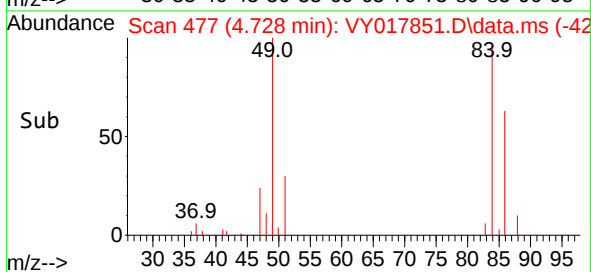
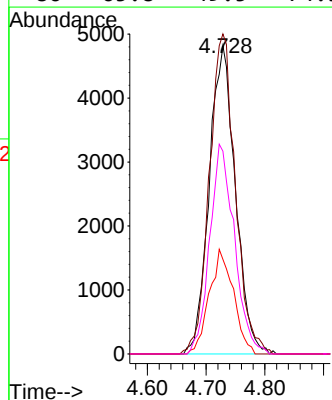
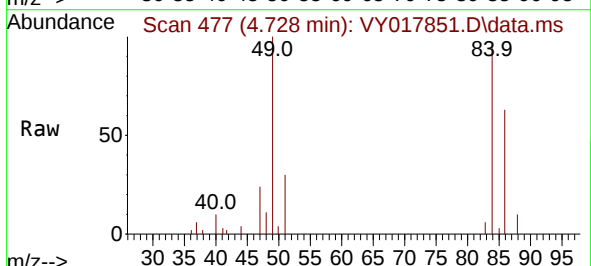
Instrument :
MSVOA_Y
ClientSampleId :
WC13-GRAB-14-15

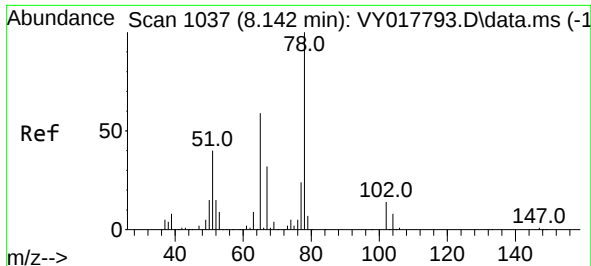
Tgt Ion:168 Resp: 123763
Ion Ratio Lower Upper
168 100
99 48.9 39.1 58.7



#20
Methylene Chloride
Concen: 8.804 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY017851.D
Acq: 04 Apr 2024 13:58

Tgt Ion: 84 Resp: 14911
Ion Ratio Lower Upper
84 100
49 103.9 84.4 126.6
51 30.7 26.0 39.0
86 65.8 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 65.390 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY017851.D

Acq: 04 Apr 2024 13:58

Instrument :

MSVOA_Y

ClientSampleId :

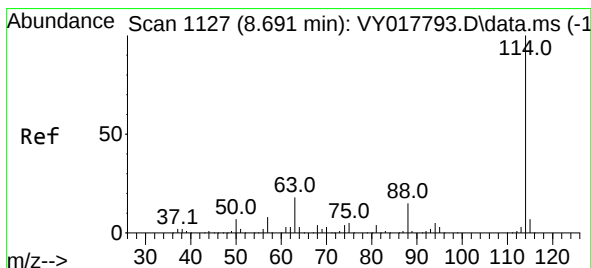
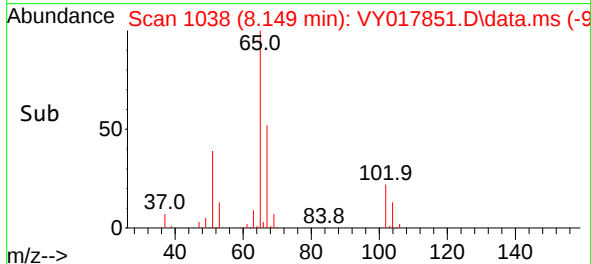
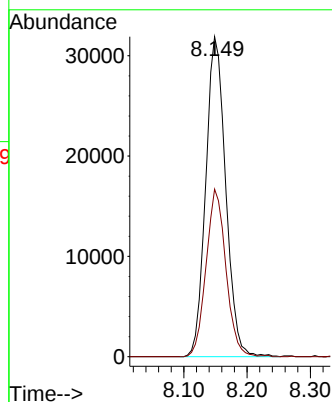
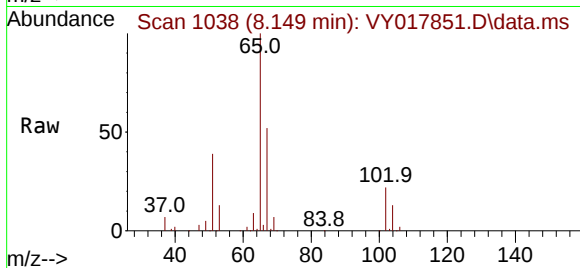
WC13-GRAB-14-15

Tgt Ion: 65 Resp: 70031

Ion Ratio Lower Upper

65 100

67 52.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017851.D

Acq: 04 Apr 2024 13:58

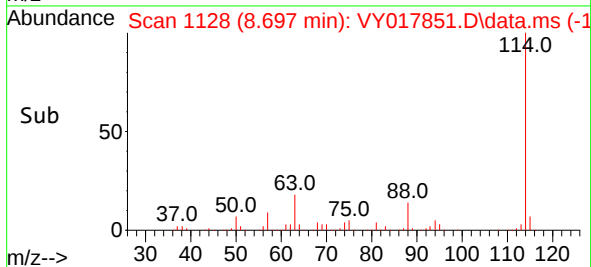
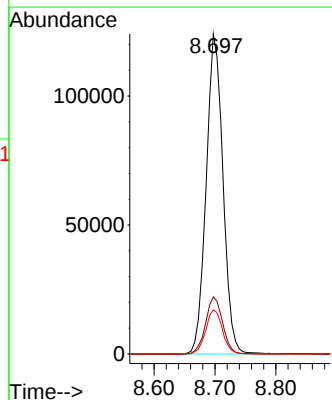
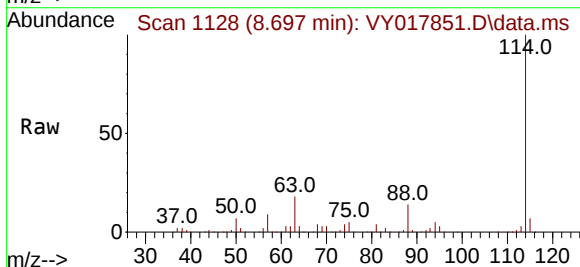
Tgt Ion: 114 Resp: 237831

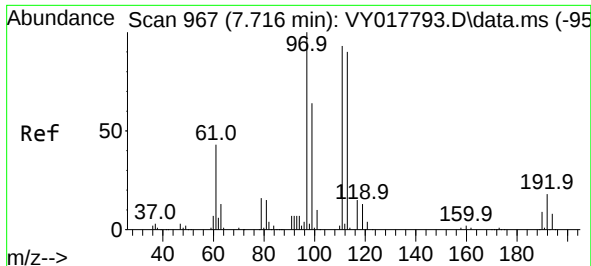
Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.0

88 13.8 0.0 27.2





#35

Dibromofluoromethane

Concen: 55.036 ug/l

RT: 7.728 min Scan# 9

Delta R.T. 0.012 min

Lab File: VY017851.D

Acq: 04 Apr 2024 13:58

Instrument :

MSVOA_Y

ClientSampleId :

WC13-GRAB-14-15

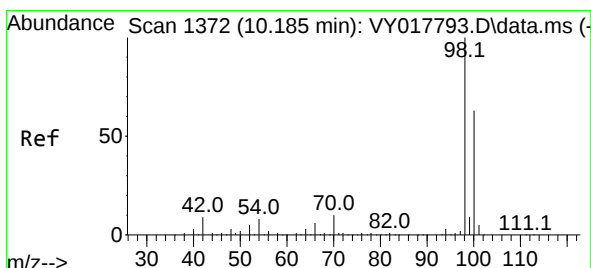
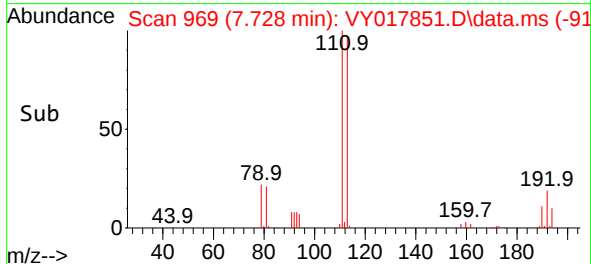
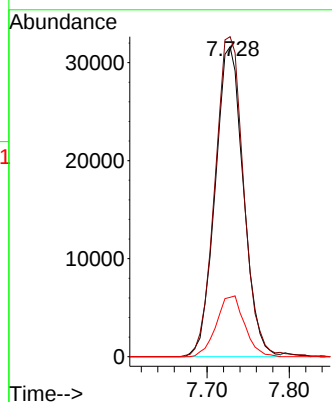
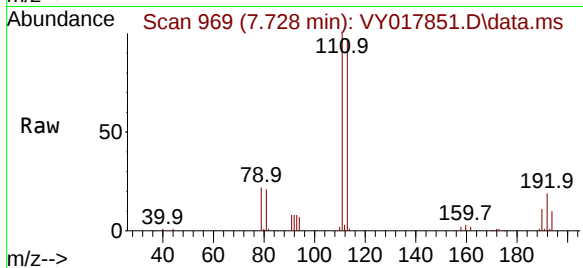
Tgt Ion:113 Resp: 75636

Ion Ratio Lower Upper

113 100

111 104.8 82.2 123.4

192 19.5 15.9 23.9



#50

Toluene-d8

Concen: 53.503 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017851.D

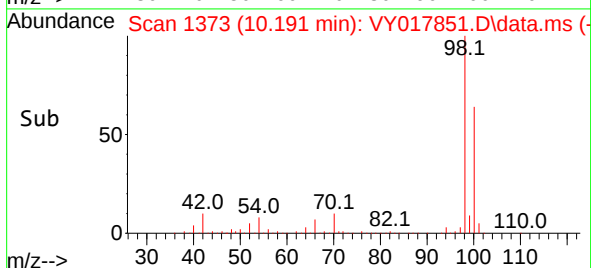
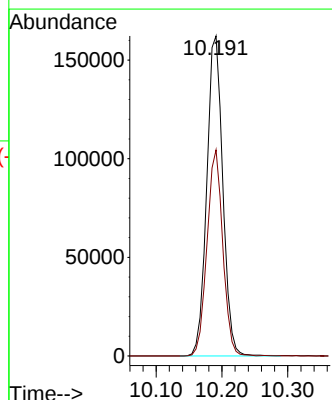
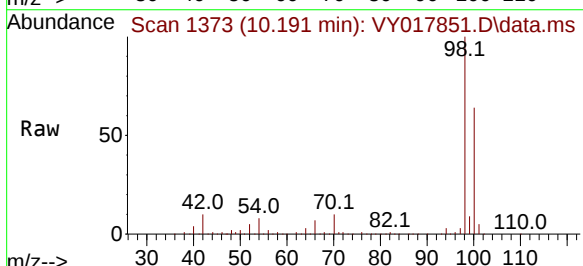
Acq: 04 Apr 2024 13:58

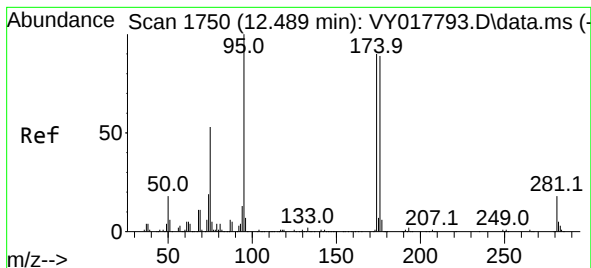
Tgt Ion: 98 Resp: 274663

Ion Ratio Lower Upper

98 100

100 63.3 52.0 78.0

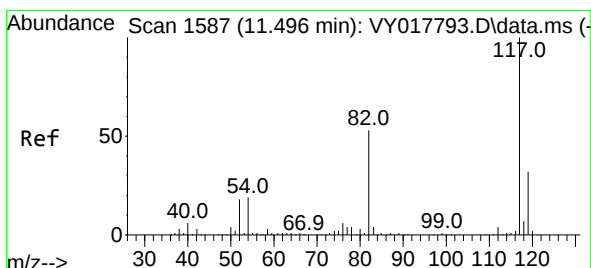
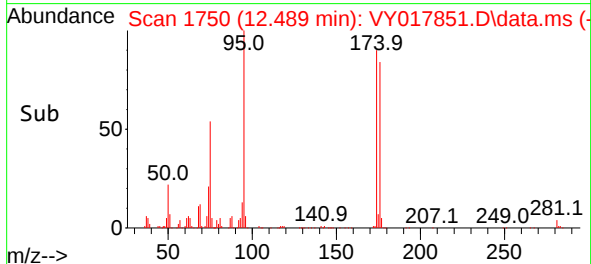
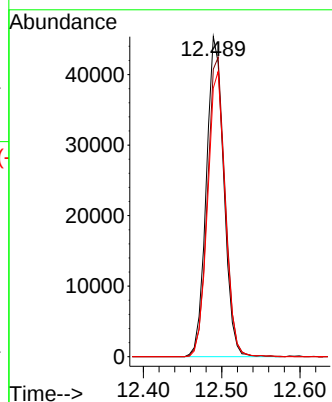
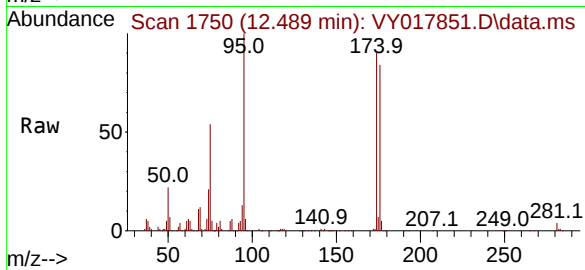




#62
4-Bromofluorobenzene
Concen: 44.872 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017851.D
Acq: 04 Apr 2024 13:58

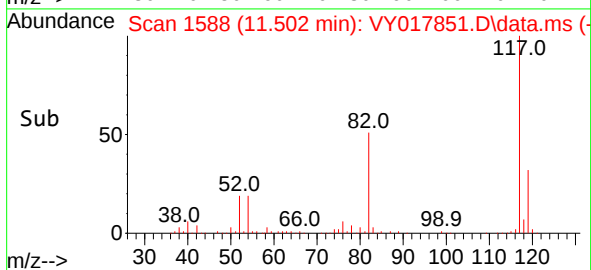
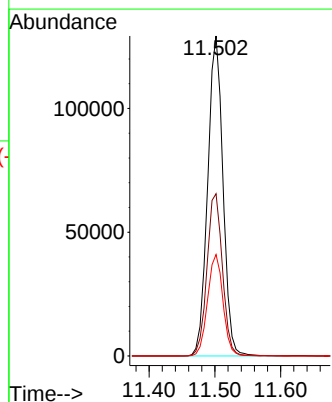
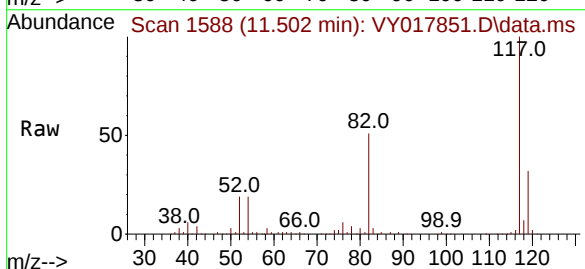
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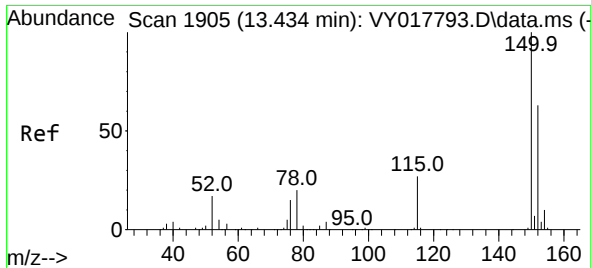
Tgt Ion: 95 Resp: 70085
Ion Ratio Lower Upper
95 100
174 95.2 0.0 175.6
176 90.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY017851.D
Acq: 04 Apr 2024 13:58

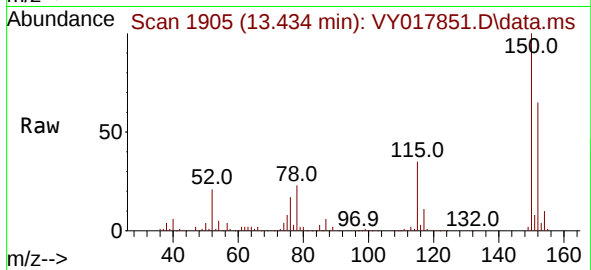
Tgt Ion: 117 Resp: 209271
Ion Ratio Lower Upper
117 100
82 50.7 42.4 63.6
119 31.7 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY017851.D
 Acq: 04 Apr 2024 13:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC13-GRAB-14-15



Tgt Ion:152 Resp: 77535
 Ion Ratio Lower Upper
 152 100
 115 53.0 28.2 84.7
 150 153.1 0.0 345.6

