

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040524\
 Data File : VY017869.D
 Acq On : 05 Apr 2024 14:30
 Operator : SY/MD
 Sample : P1980-03
 Misc : 4.23g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Apr 06 04:47:51 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)

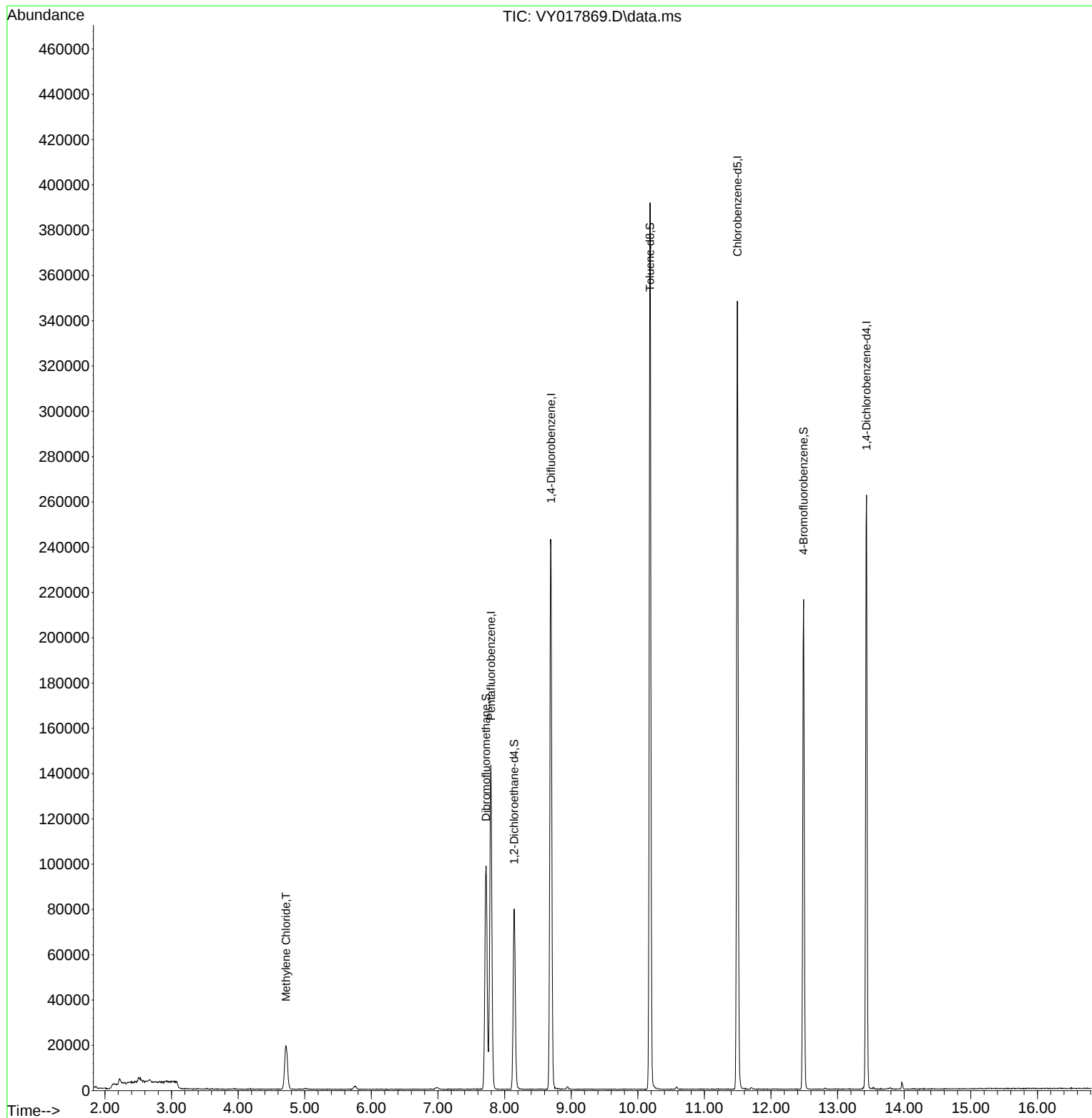
Internal Standards						
1) Pentafluorobenzene	7.795	168	113496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	215039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	189020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	67038	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	61283	62.399	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.800%
35) Dibromofluoromethane	7.721	113	70296	56.572	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.140%
50) Toluene-d8	10.184	98	253427	54.599	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.200%
62) 4-Bromofluorobenzene	12.489	95	61418	43.491	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.980%
Target Compounds						
20) Methylene Chloride	4.716	84	15785	10.596	ug/l	90

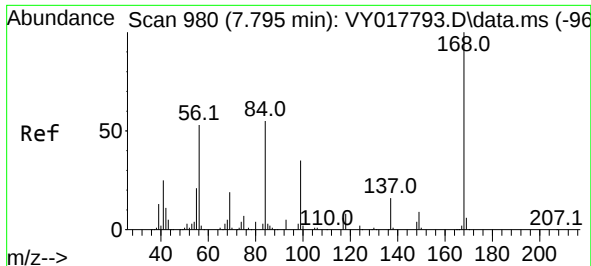
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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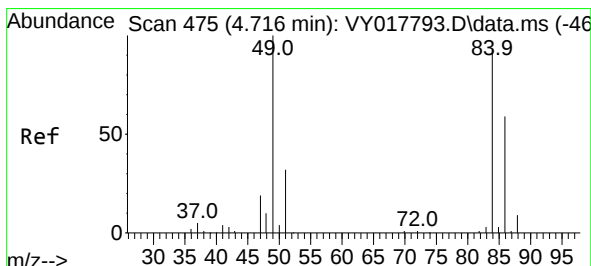
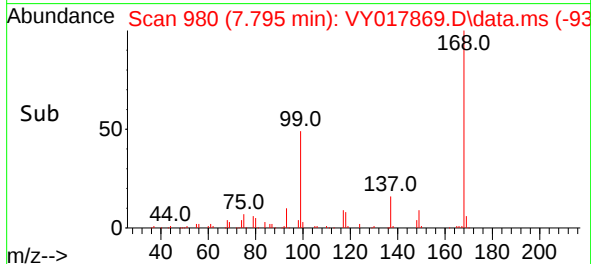
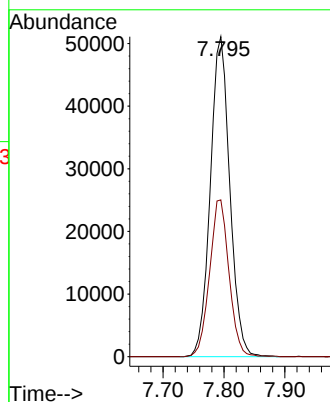
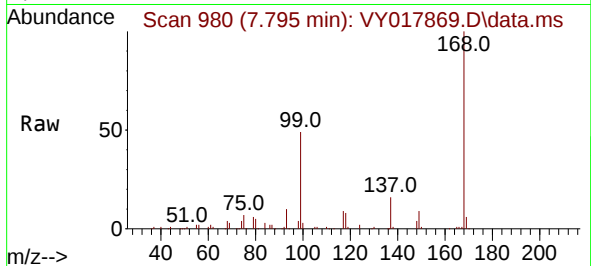




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017869.D
Acq: 05 Apr 2024 14:30

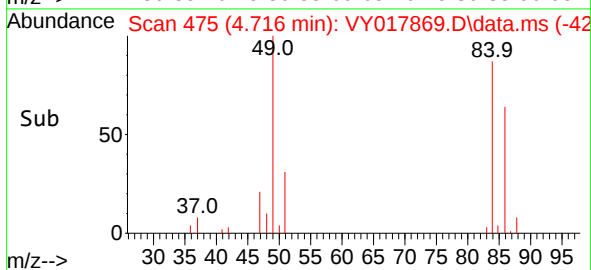
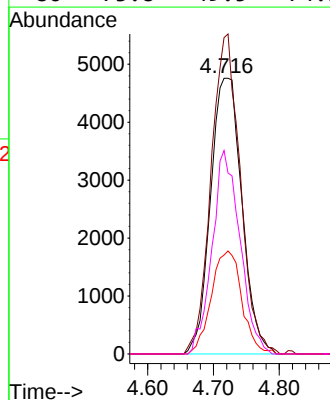
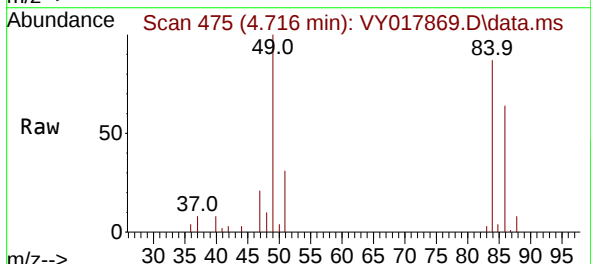
Instrument :
MSVOA_Y
ClientSampleId :
WC13-GRAB-14-15

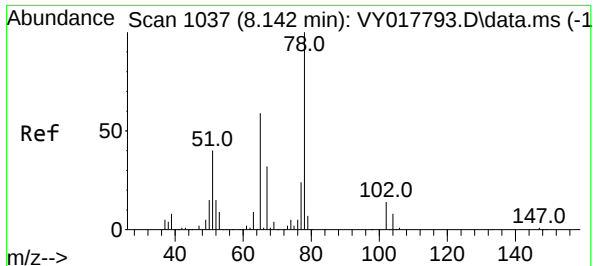
Tgt Ion:168 Resp: 113496
Ion Ratio Lower Upper
168 100
99 49.0 39.1 58.7



#20
Methylene Chloride
Concen: 10.596 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY017869.D
Acq: 05 Apr 2024 14:30

Tgt Ion: 84 Resp: 15785
Ion Ratio Lower Upper
84 100
49 114.8 84.4 126.6
51 35.9 26.0 39.0
86 73.8 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 62.399 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY017869.D

Acq: 05 Apr 2024 14:30

Instrument :

MSVOA_Y

ClientSampleId :

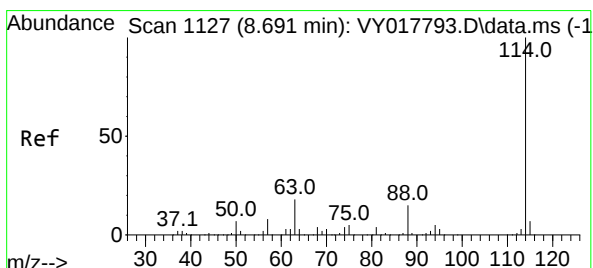
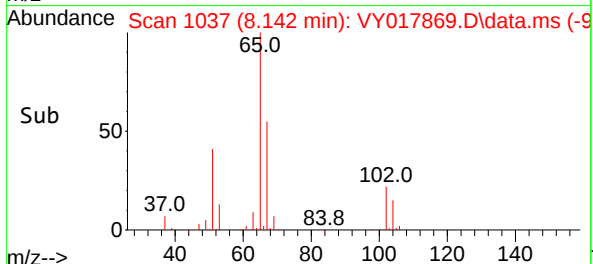
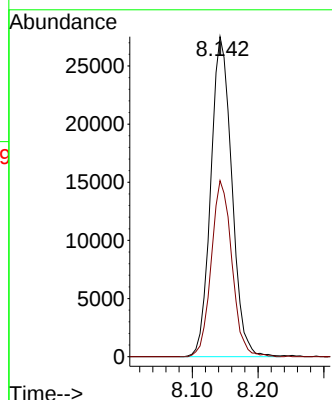
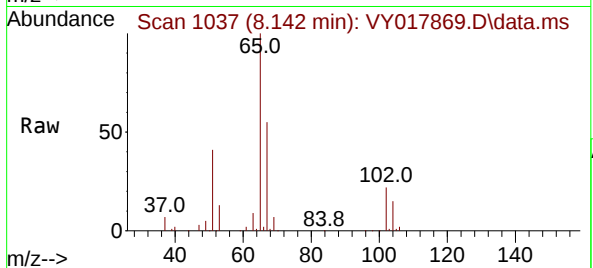
WC13-GRAB-14-15

Tgt Ion: 65 Resp: 61283

Ion Ratio Lower Upper

65 100

67 54.0 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: VY017869.D

Acq: 05 Apr 2024 14:30

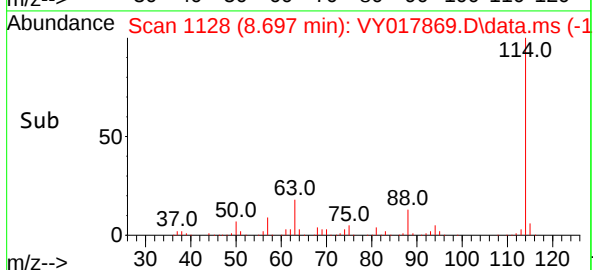
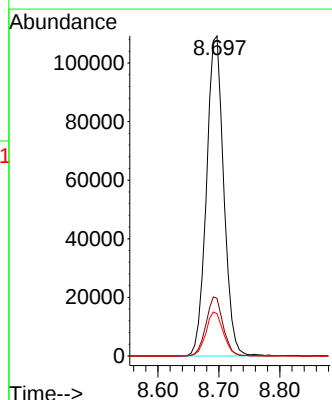
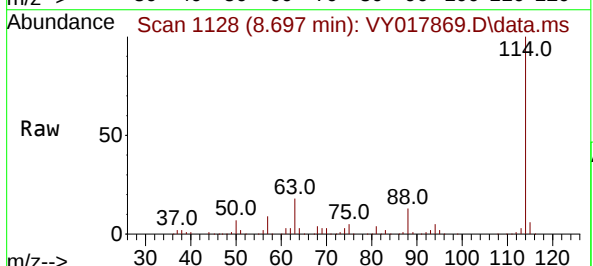
Tgt Ion: 114 Resp: 215039

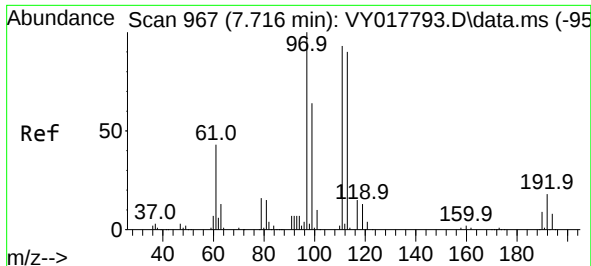
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 13.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 56.572 ug/l

RT: 7.721 min Scan# 90

Delta R.T. 0.006 min

Lab File: VY017869.D

Acq: 05 Apr 2024 14:30

Instrument :

MSVOA_Y

ClientSampleId :

WC13-GRAB-14-15

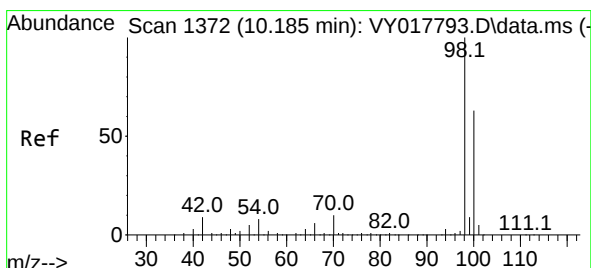
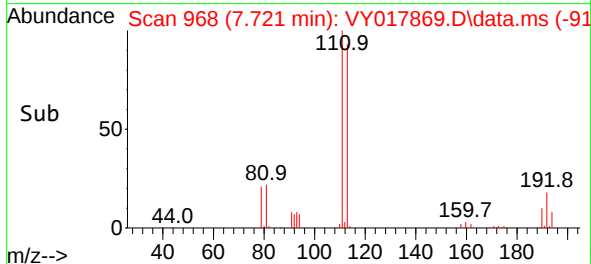
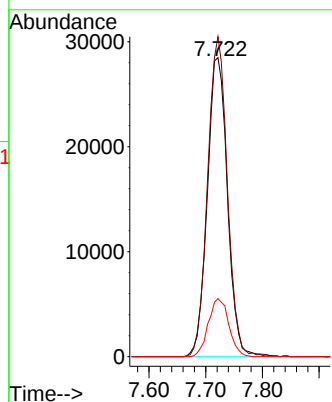
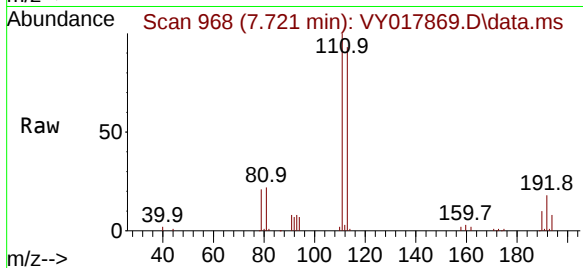
Tgt Ion:113 Resp: 70296

Ion Ratio Lower Upper

113 100

111 104.7 82.2 123.4

192 19.7 15.9 23.9



#50

Toluene-d8

Concen: 54.599 ug/l

RT: 10.184 min Scan# 1372

Delta R.T. -0.000 min

Lab File: VY017869.D

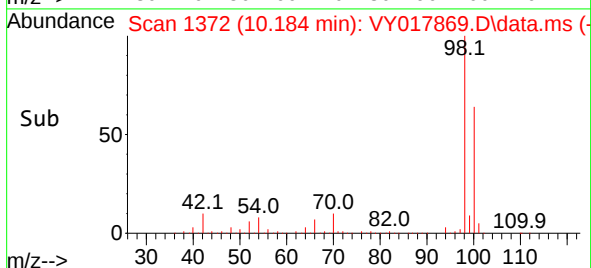
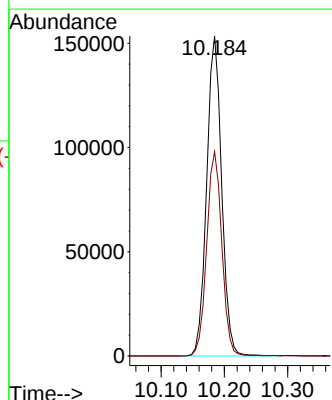
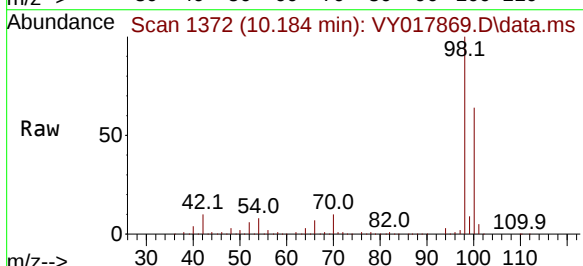
Acq: 05 Apr 2024 14:30

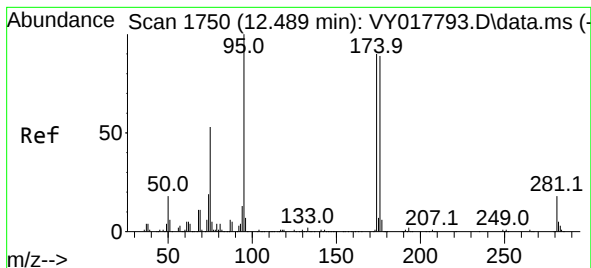
Tgt Ion: 98 Resp: 253427

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0

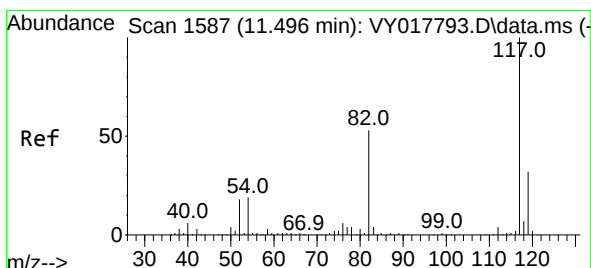
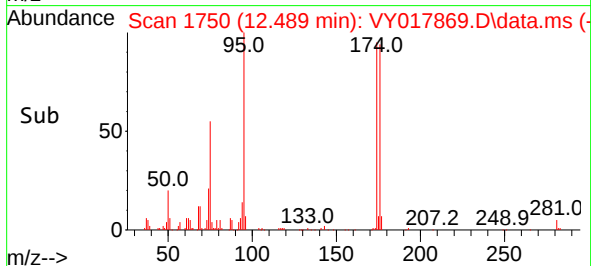
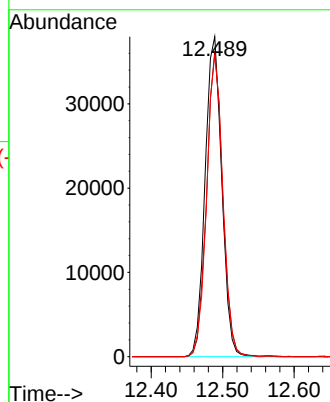
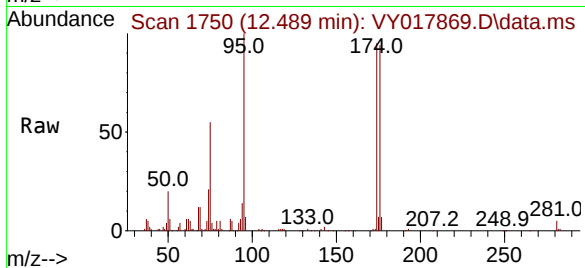




#62
4-Bromofluorobenzene
Concen: 43.491 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY017869.D
Acq: 05 Apr 2024 14:30

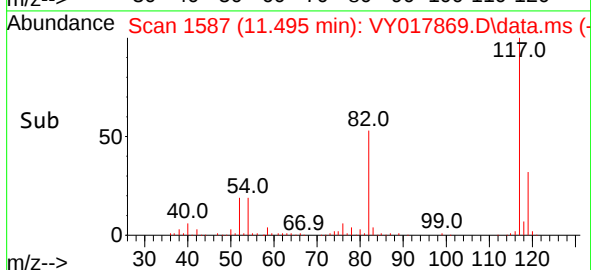
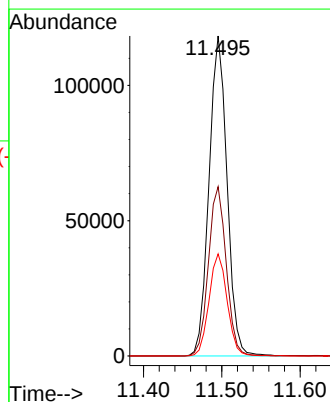
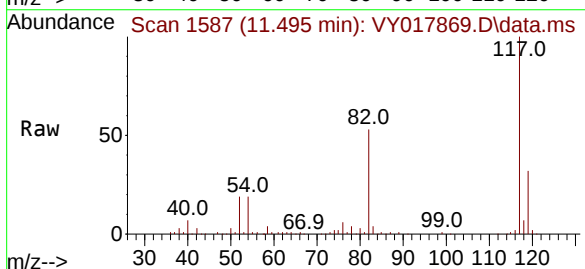
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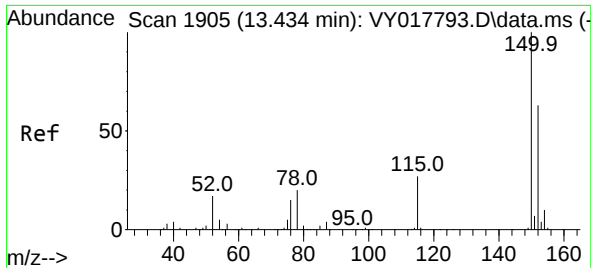
Tgt Ion: 95 Resp: 61418
Ion Ratio Lower Upper
95 100
174 92.2 0.0 175.6
176 92.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY017869.D
Acq: 05 Apr 2024 14:30

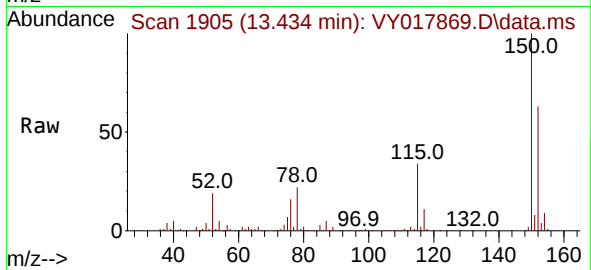
Tgt Ion: 117 Resp: 189020
Ion Ratio Lower Upper
117 100
82 52.9 42.4 63.6
119 31.9 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: VY017869.D
 Acq: 05 Apr 2024 14:30

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



Tgt Ion:152 Resp: 67038
 Ion Ratio Lower Upper
 152 100
 115 55.3 28.2 84.7
 150 160.7 0.0 345.6

