

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
 Data File : VY017318.D
 Acq On : 08 Feb 2024 17:22
 Operator : SY/MD
 Sample : P1378-03RE
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5RE

Quant Time: Feb 09 00:14:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

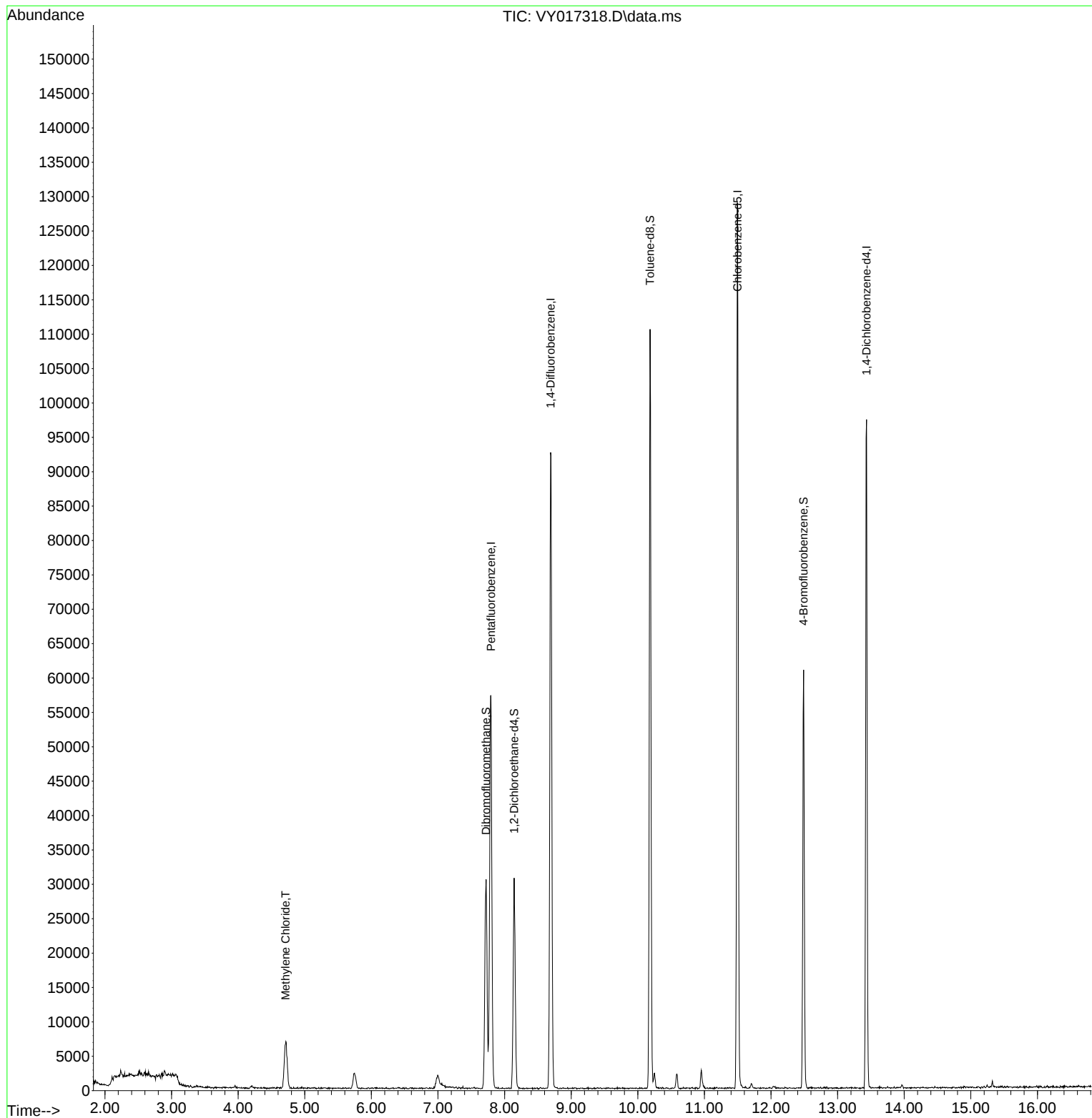
Internal Standards						
1) Pentafluorobenzene	7.795	168	44128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	80417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	68702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	24331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	21192	53.758	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.520%	
35) Dibromofluoromethane	7.722	113	22298	51.354	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.700%	
50) Toluene-d8	10.185	98	72439	45.822	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 91.640%	
62) 4-Bromofluorobenzene	12.489	95	18489	35.702	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 71.400%	
Target Compounds						
20) Methylene Chloride	4.710	84	5309	8.263	ug/l	Qvalue 94

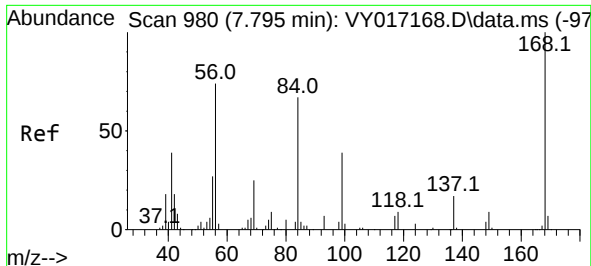
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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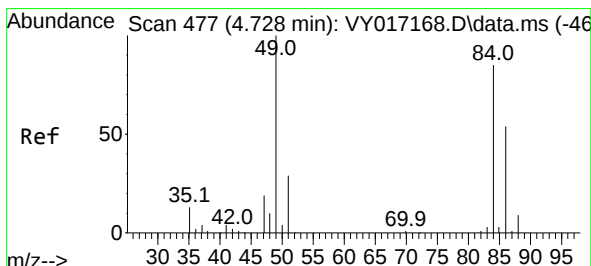
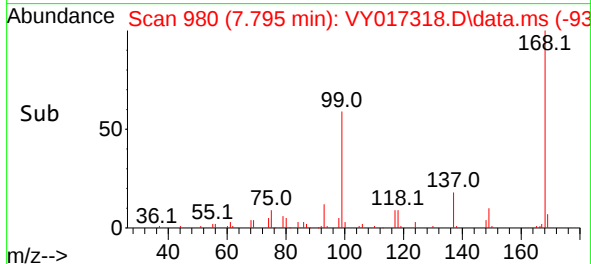
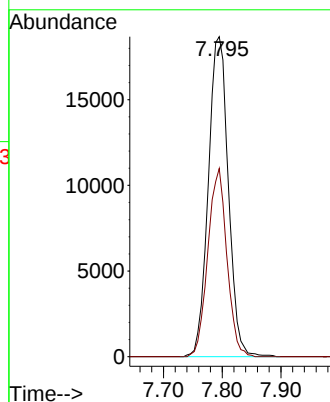
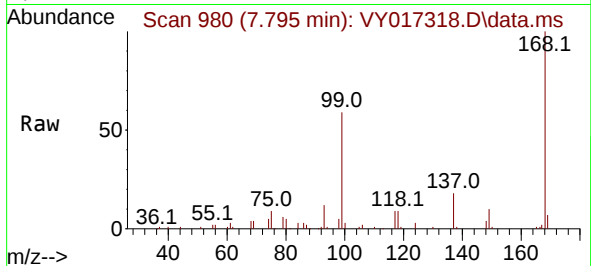




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017318.D
Acq: 08 Feb 2024 17:22

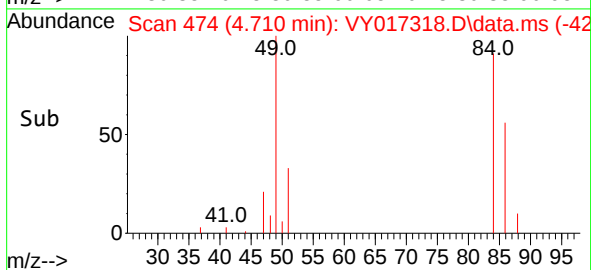
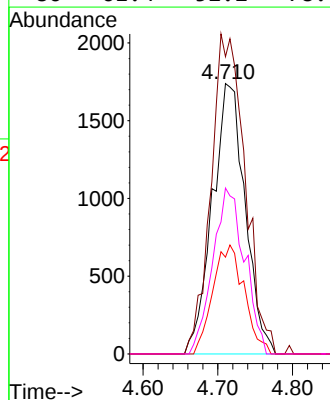
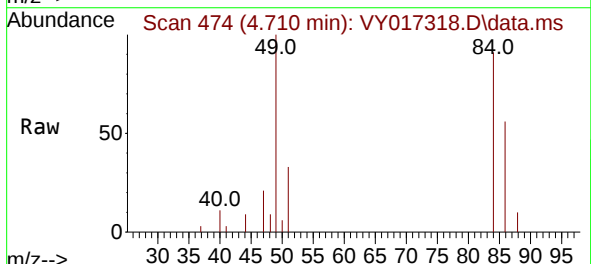
Instrument :
MSVOA_Y
ClientSampleId :
TP-5RE

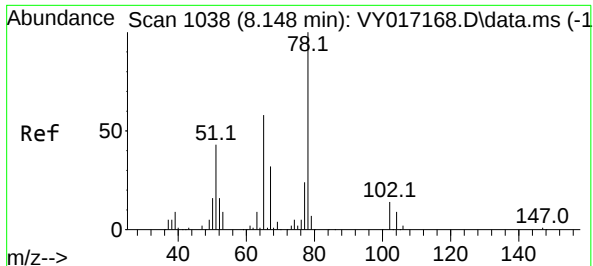
Tgt Ion:168 Resp: 44128
Ion Ratio Lower Upper
168 100
99 58.8 44.2 66.4



#20
Methylene Chloride
Concen: 8.263 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.018 min
Lab File: VY017318.D
Acq: 08 Feb 2024 17:22

Tgt Ion: 84 Resp: 5309
Ion Ratio Lower Upper
84 100
49 109.9 95.2 142.8
51 35.8 29.9 44.9
86 61.4 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 53.758 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY017318.D

Acq: 08 Feb 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

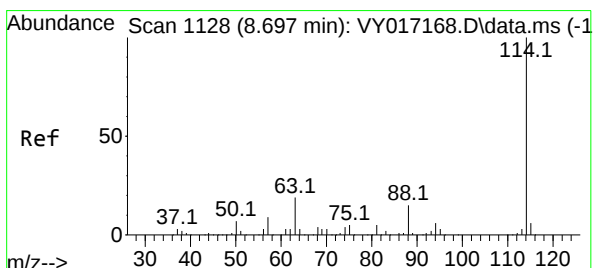
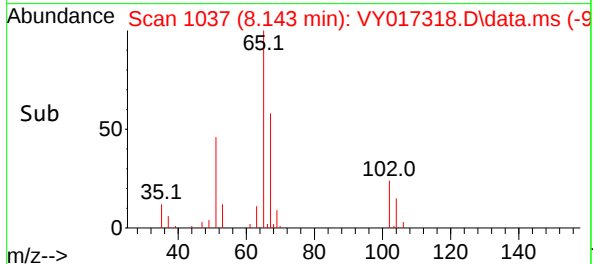
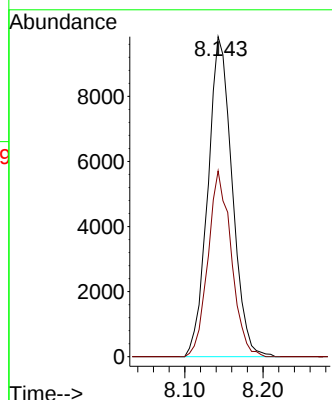
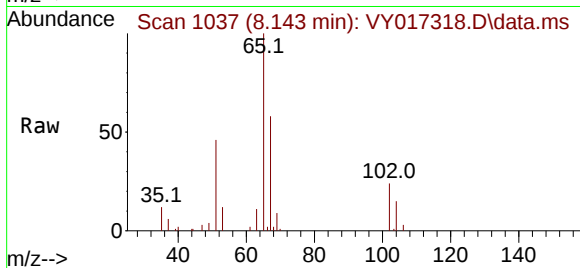
TP-5RE

Tgt Ion: 65 Resp: 21192

Ion Ratio Lower Upper

65 100

67 55.6 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY017318.D

Acq: 08 Feb 2024 17:22

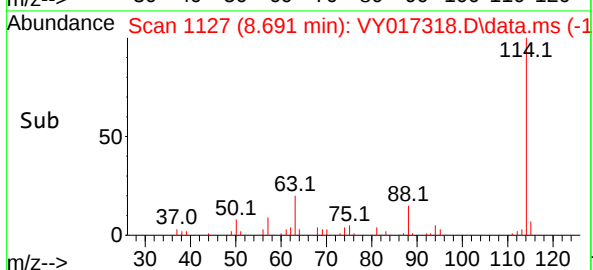
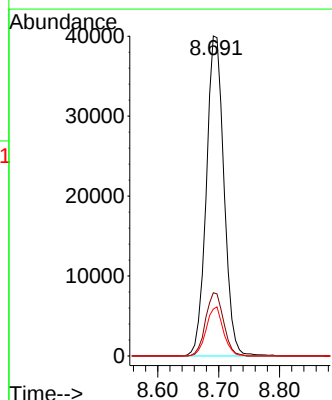
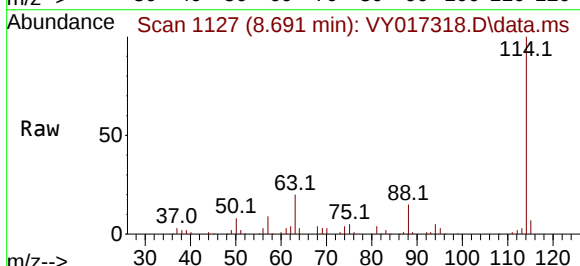
Tgt Ion: 114 Resp: 80417

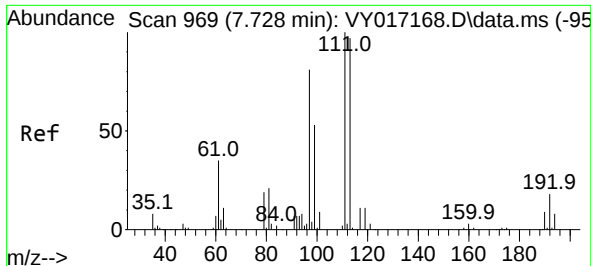
Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 51.354 ug/l

RT: 7.722 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY017318.D

Acq: 08 Feb 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

TP-5RE

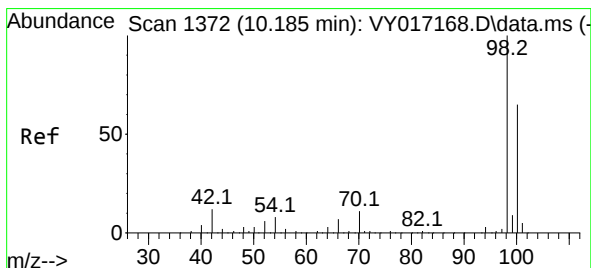
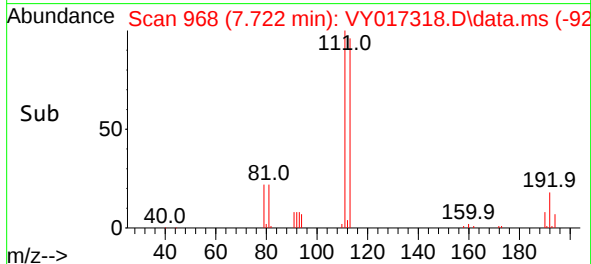
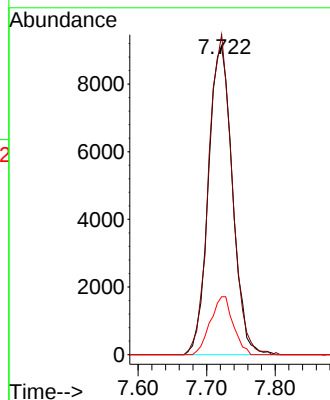
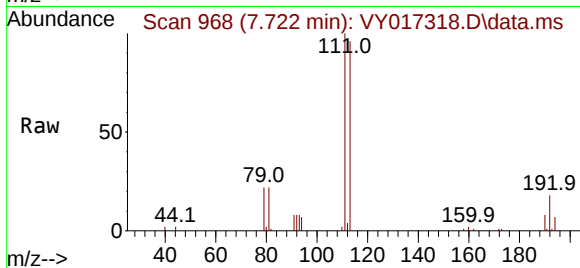
Tgt Ion:113 Resp: 22298

Ion Ratio Lower Upper

113 100

111 100.9 83.8 125.6

192 17.7 14.5 21.7



#50

Toluene-d8

Concen: 45.822 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017318.D

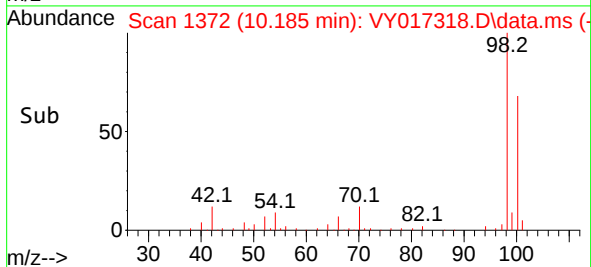
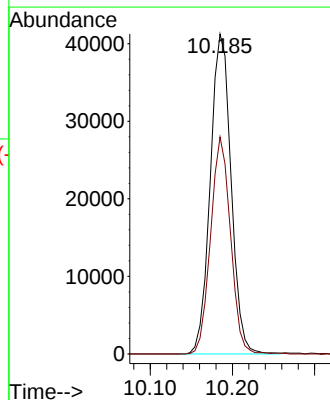
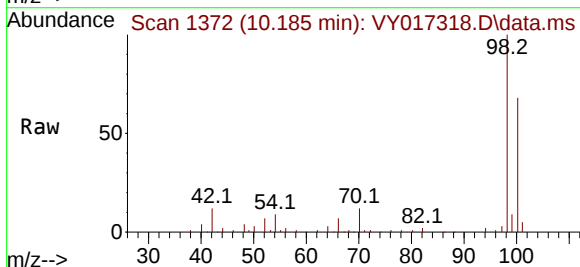
Acq: 08 Feb 2024 17:22

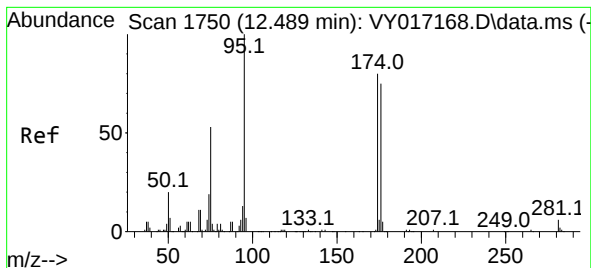
Tgt Ion: 98 Resp: 72439

Ion Ratio Lower Upper

98 100

100 64.9 52.3 78.5

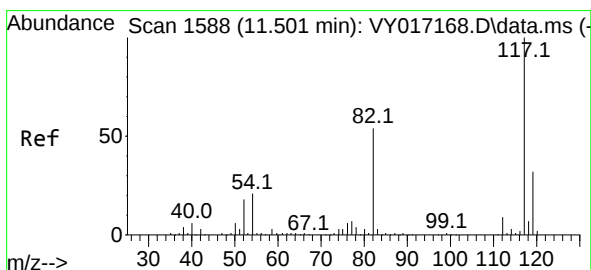
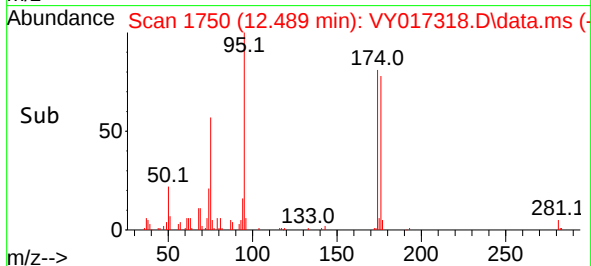
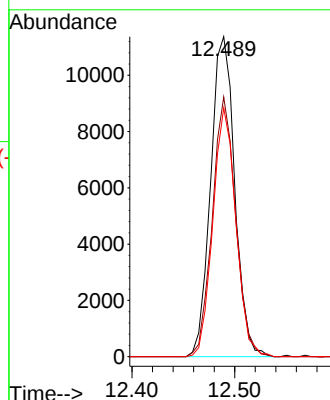
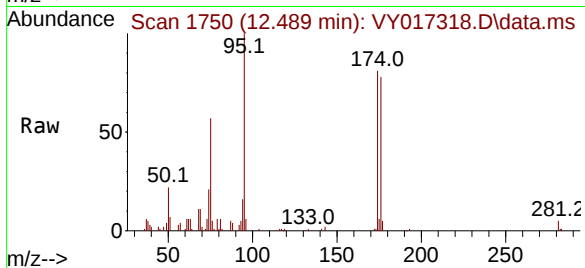




#62
4-Bromofluorobenzene
Concen: 35.702 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017318.D
Acq: 08 Feb 2024 17:22

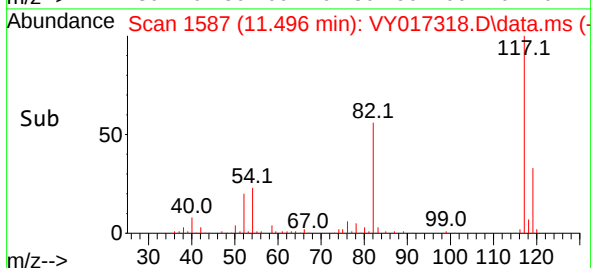
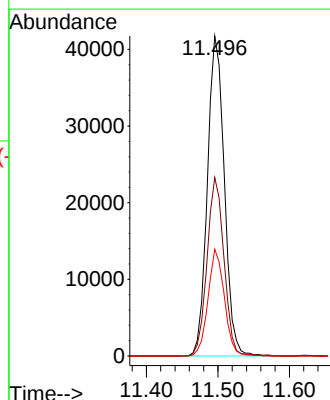
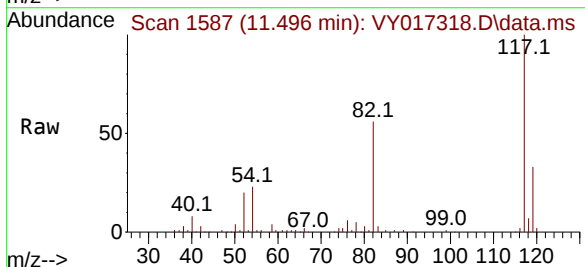
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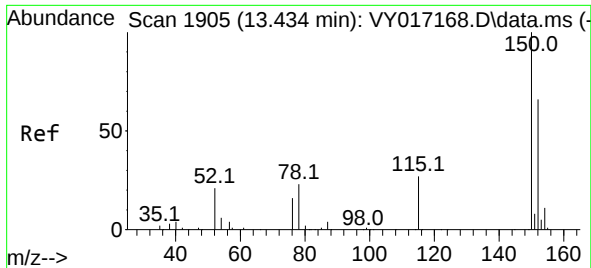
Tgt Ion: 95	Resp: 18489
Ion Ratio	Lower Upper
95	100
174	78.3 0.0 160.0
176	74.3 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017318.D
Acq: 08 Feb 2024 17:22

Tgt Ion: 117	Resp: 68702
Ion Ratio	Lower Upper
117	100
82	55.7 43.8 65.8
119	33.4 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY017318.D
 Acq: 08 Feb 2024 17:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5RE

Tgt Ion:152 Resp: 24331
 Ion Ratio Lower Upper
 152 100
 115 57.5 30.0 90.0
 150 155.2 0.0 344.6

