

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
 Data File : VY017310.D
 Acq On : 08 Feb 2024 14:11
 Operator : SY/MD
 Sample : P1337-07
 Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Feb 08 14:34:17 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)

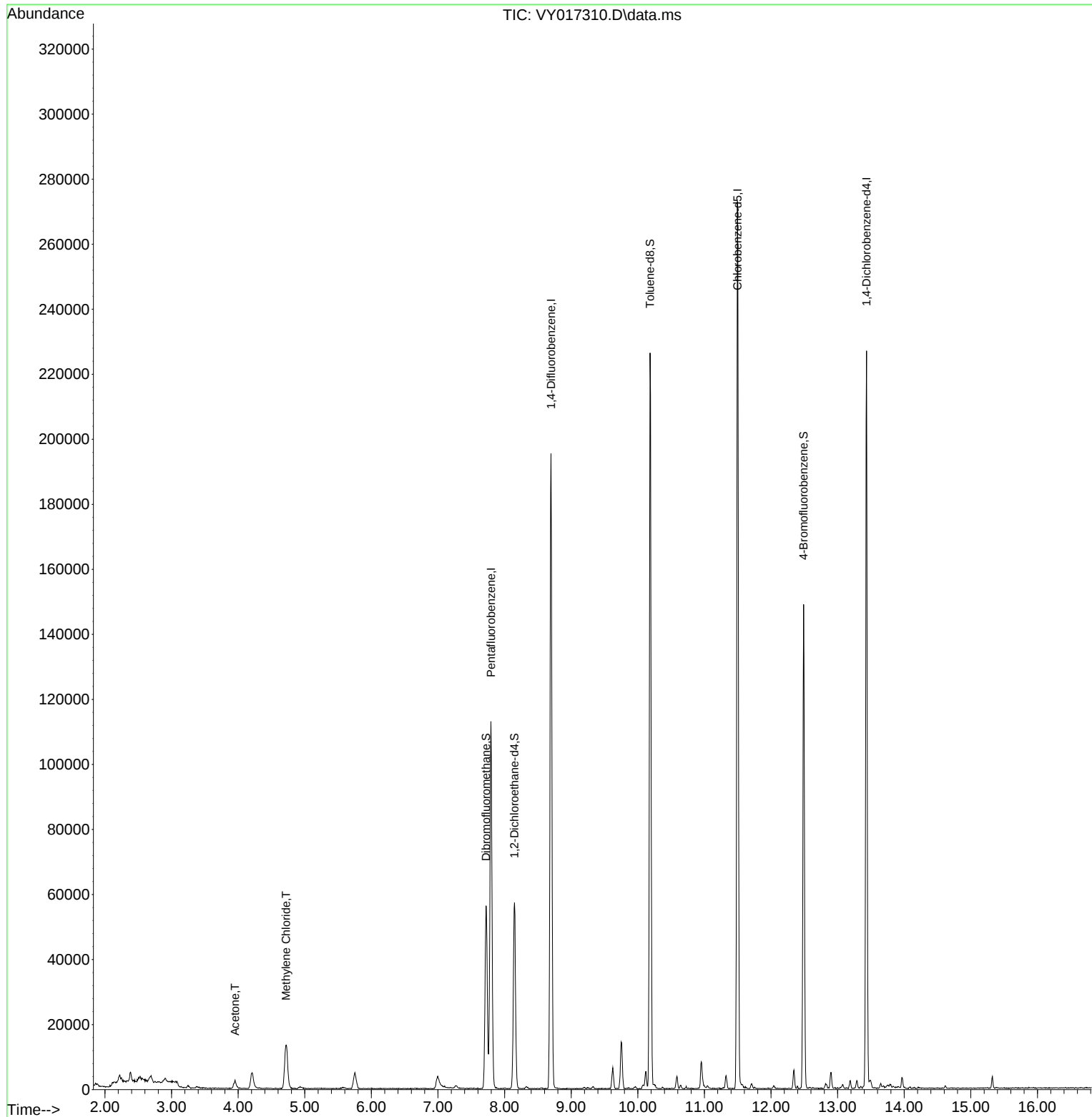
Internal Standards						
1) Pentafluorobenzene	7.795	168	79934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	161970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	144330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	53832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	43323	60.670	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.340%
35) Dibromofluoromethane	7.722	113	40187	45.952	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.900%
50) Toluene-d8	10.185	98	144322	45.326	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.660%
62) 4-Bromofluorobenzene	12.489	95	42151	40.411	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.820%
Target Compounds						Qvalue
16) Acetone	3.954	43	4396	20.945	ug/l	94
20) Methylene Chloride	4.716	84	10261	9.069	ug/l	93

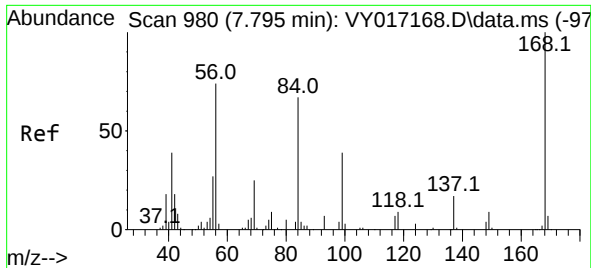
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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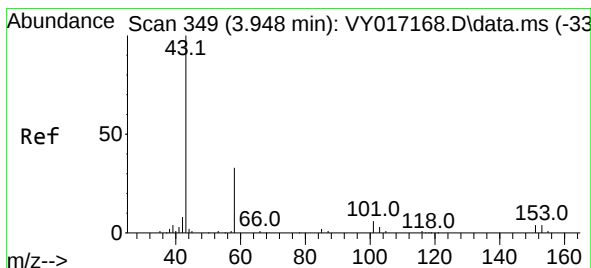
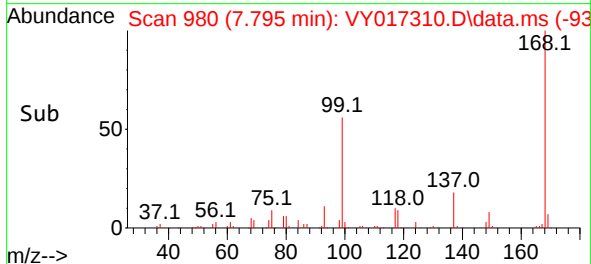
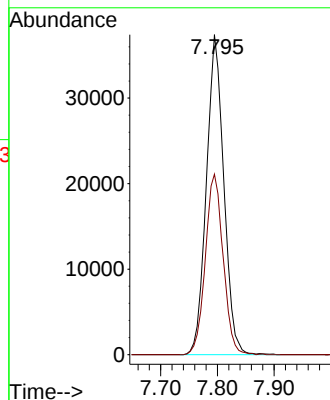
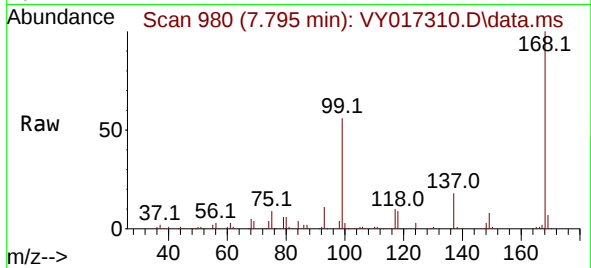




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017310.D
Acq: 08 Feb 2024 14:11

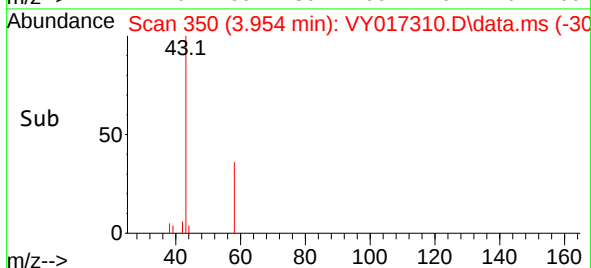
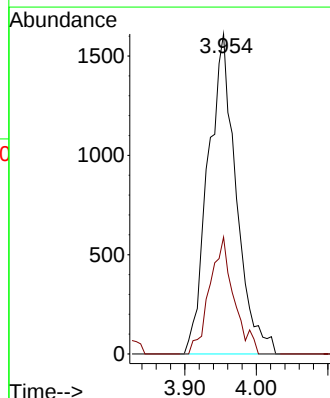
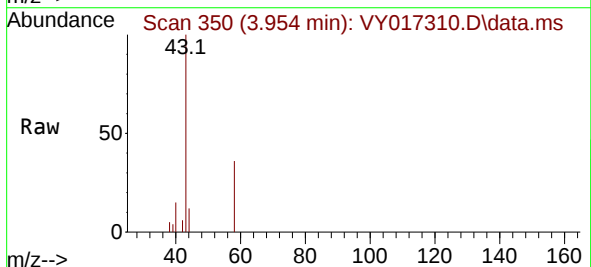
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

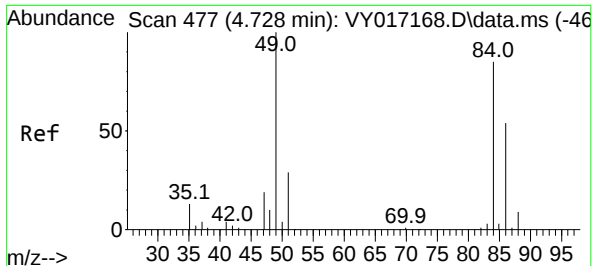
Tgt Ion:168 Resp: 79934
Ion Ratio Lower Upper
168 100
99 56.4 44.2 66.4



#16
Acetone
Concen: 20.945 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY017310.D
Acq: 08 Feb 2024 14:11

Tgt Ion: 43 Resp: 4396
Ion Ratio Lower Upper
43 100
58 36.5 26.6 39.8





#20

Methylene Chloride

Concen: 9.069 ug/l

RT: 4.716 min Scan# 41

Delta R.T. -0.012 min

Lab File: VY017310.D

Acq: 08 Feb 2024 14:11

Instrument :

MSVOA_Y

ClientSampleId :

TP-3

Tgt Ion: 84 Resp: 10261

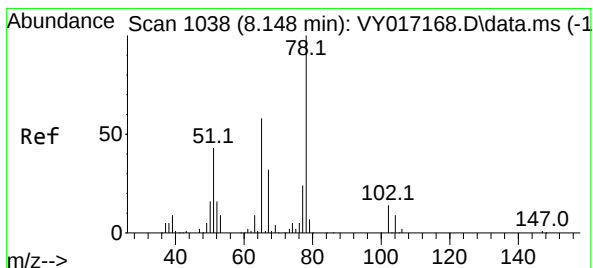
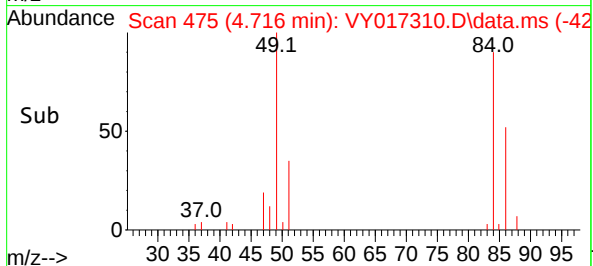
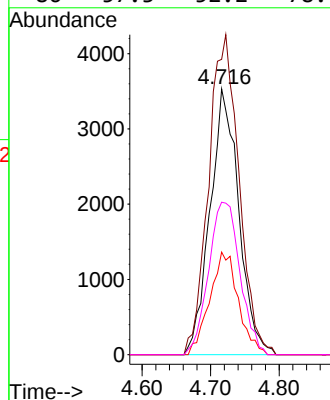
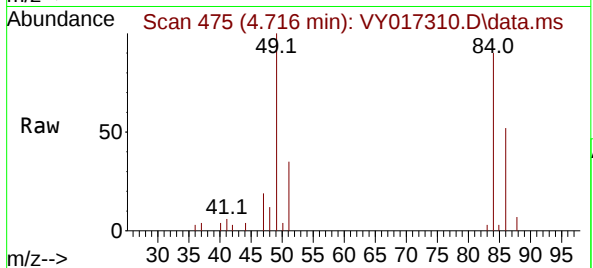
Ion Ratio Lower Upper

84 100

49 111.1 95.2 142.8

51 38.6 29.9 44.9

86 57.3 52.2 78.4



#33

1,2-Dichloroethane-d4

Concen: 60.670 ug/l

RT: 8.148 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY017310.D

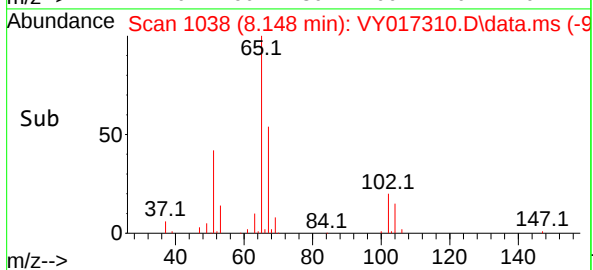
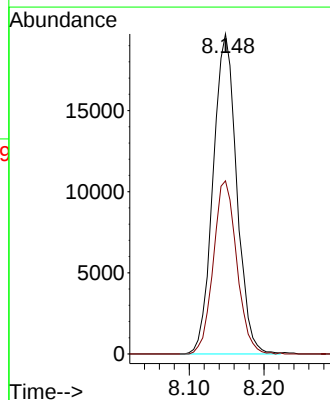
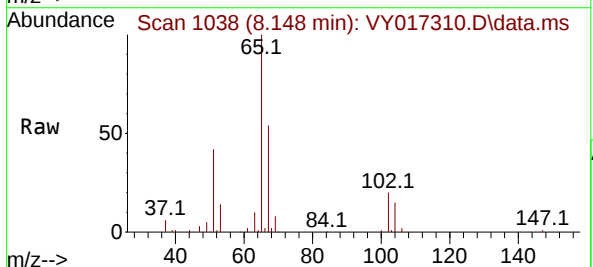
Acq: 08 Feb 2024 14:11

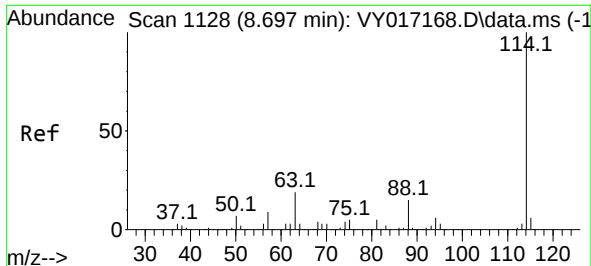
Tgt Ion: 65 Resp: 43323

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.0

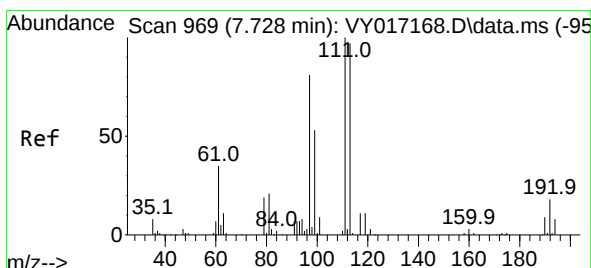
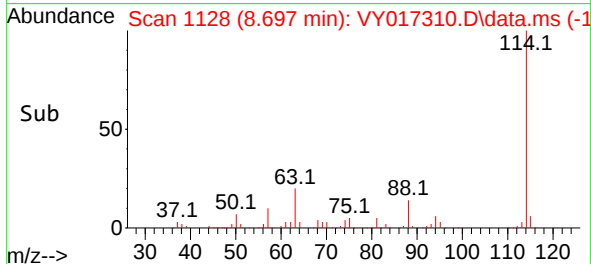
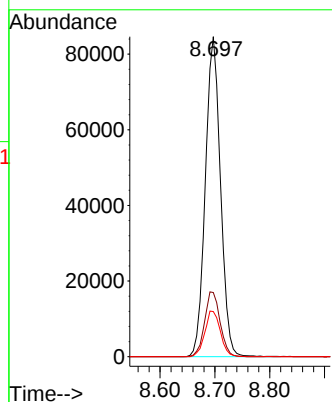
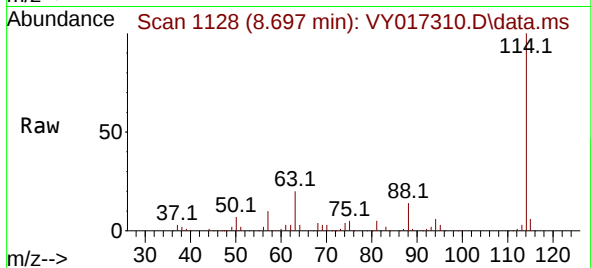




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY017310.D
Acq: 08 Feb 2024 14:11

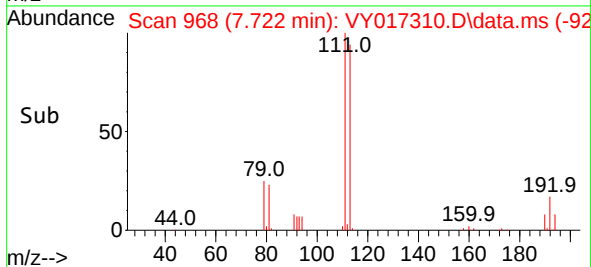
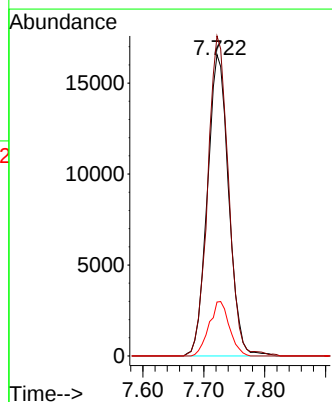
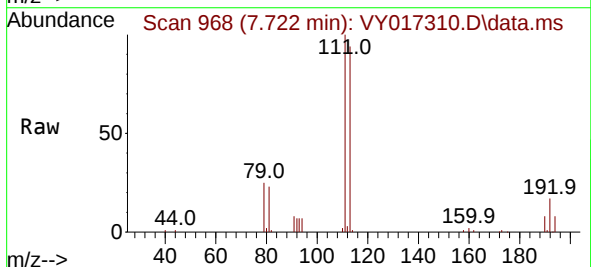
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

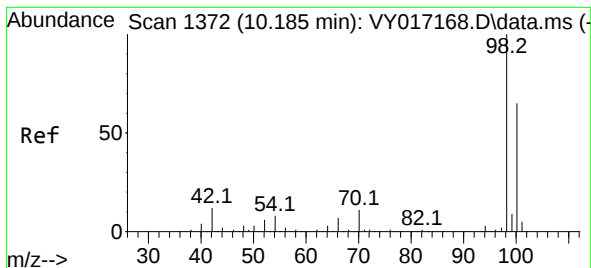
Tgt Ion:114 Resp: 161970
Ion Ratio Lower Upper
114 100
63 20.0 0.0 37.4
88 14.1 0.0 29.0



#35
Dibromofluoromethane
Concen: 45.952 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY017310.D
Acq: 08 Feb 2024 14:11

Tgt Ion:113 Resp: 40187
Ion Ratio Lower Upper
113 100
111 103.4 83.8 125.6
192 17.2 14.5 21.7





#50

Toluene-d8

Concen: 45.326 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017310.D

Acq: 08 Feb 2024 14:11

Instrument :

MSVOA_Y

ClientSampleId :

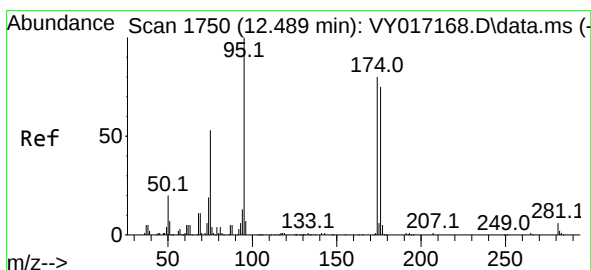
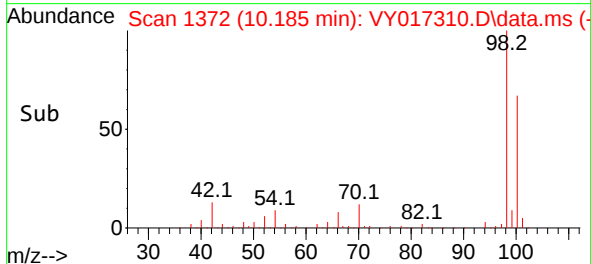
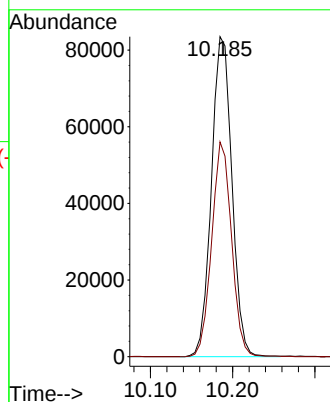
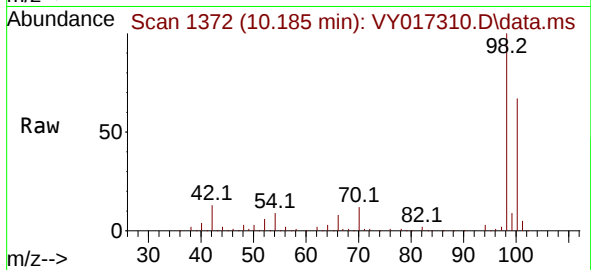
TP-3

Tgt Ion: 98 Resp: 144322

Ion Ratio Lower Upper

98 100

100 65.2 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 40.411 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017310.D

Acq: 08 Feb 2024 14:11

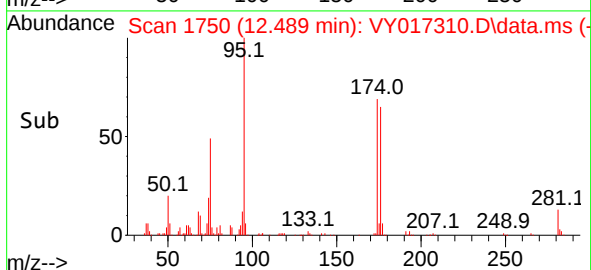
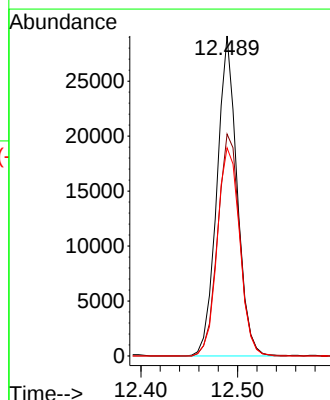
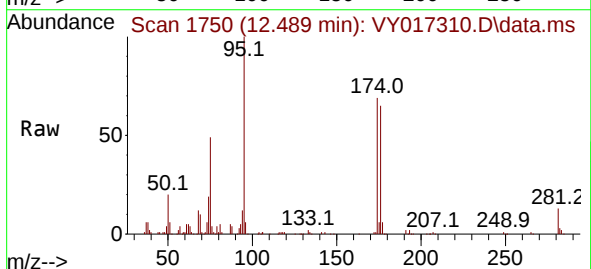
Tgt Ion: 95 Resp: 42151

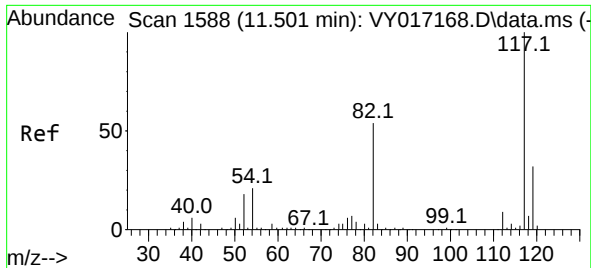
Ion Ratio Lower Upper

95 100

174 75.7 0.0 160.0

176 72.1 0.0 151.8

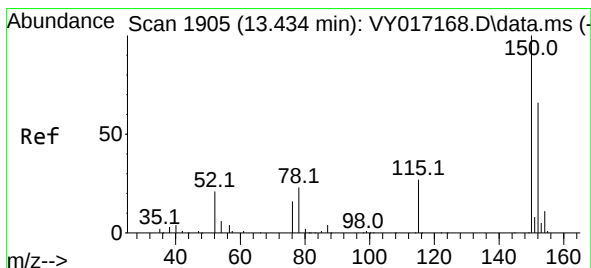
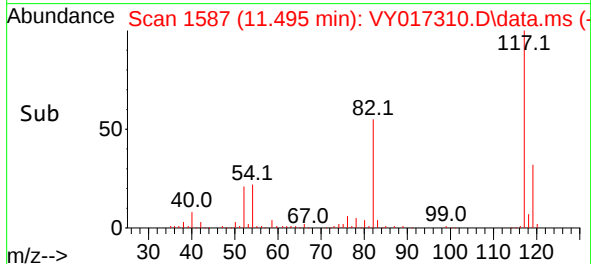
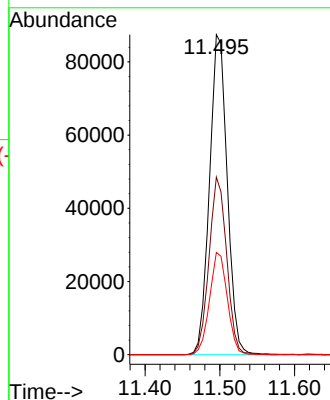
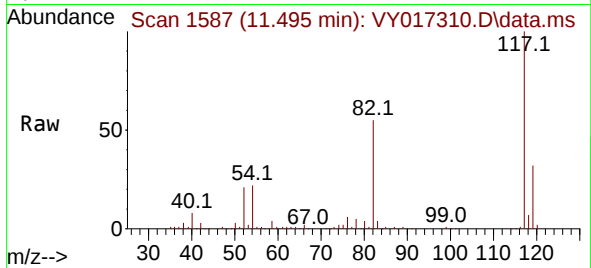




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017310.D
Acq: 08 Feb 2024 14:11

Instrument :
MSVOA_Y
ClientSampleId :
TP-3

Tgt Ion:117 Resp: 144330
Ion Ratio Lower Upper
117 100
82 55.5 43.8 65.8
119 32.0 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: VY017310.D
Acq: 08 Feb 2024 14:11

Tgt Ion:152 Resp: 53832
Ion Ratio Lower Upper
152 100
115 60.1 30.0 90.0
150 155.9 0.0 344.6

