

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040424\
 Data File : VY017855.D
 Acq On : 04 Apr 2024 16:39
 Operator : SY/MD
 Sample : P1996-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1

Quant Time: Apr 05 00:48:25 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)

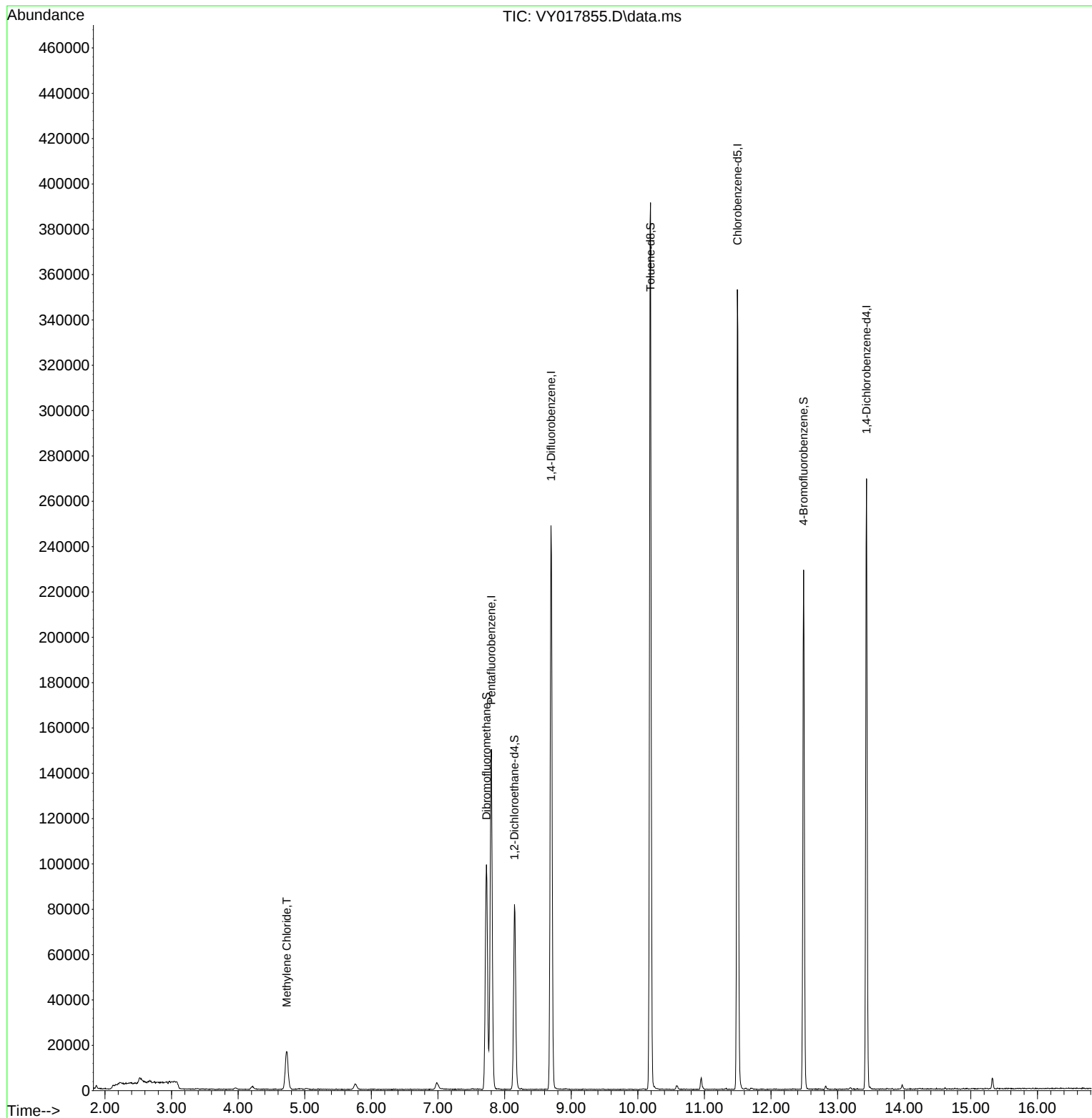
Internal Standards						
1) Pentafluorobenzene	7.801	168	117743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	220534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	194603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	69052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	62536	61.378	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.760%	
35) Dibromofluoromethane	7.728	113	69810	54.781	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.560%	
50) Toluene-d8	10.191	98	257576	54.110	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.220%	
62) 4-Bromofluorobenzene	12.489	95	63436	43.800	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 87.600%	
Target Compounds						Qvalue
20) Methylene Chloride	4.728	84	13377	8.142	ug/l	96

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

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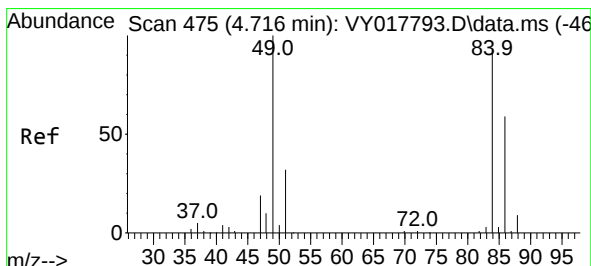
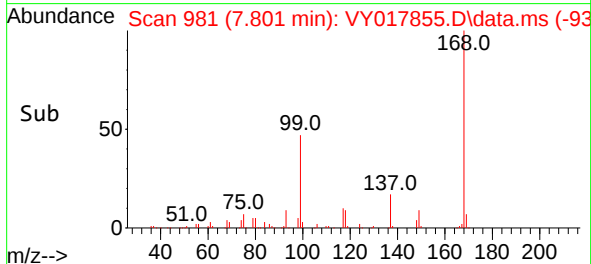
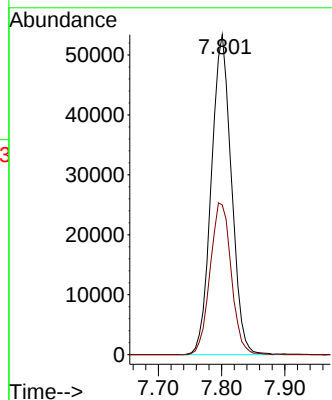
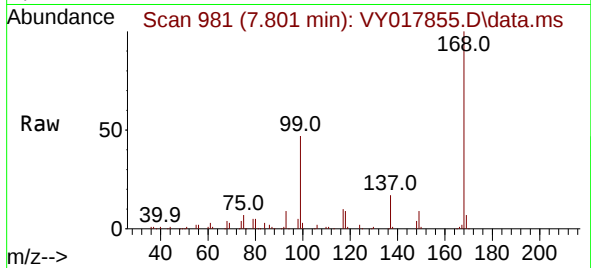




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017855.D
Acq: 04 Apr 2024 16:39

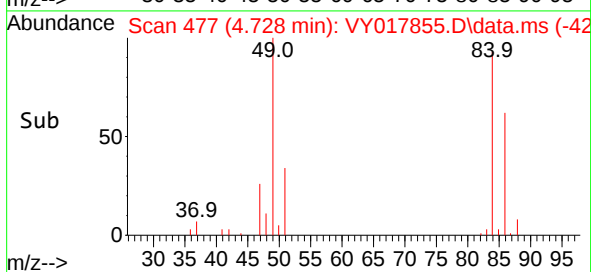
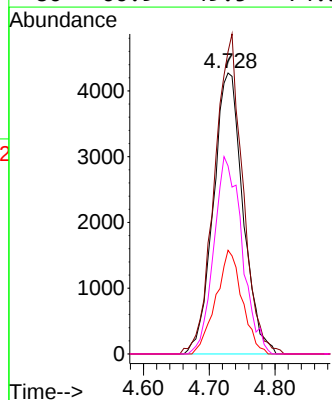
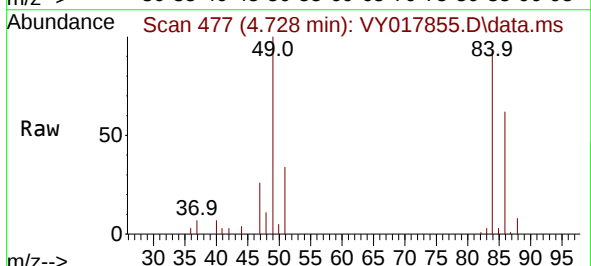
Instrument :
MSVOA_Y
ClientSampleId :
TP1

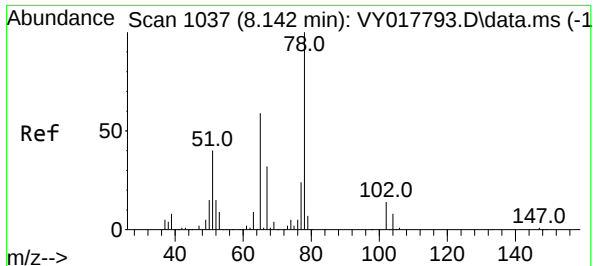
Tgt Ion:168 Resp: 117743
Ion Ratio Lower Upper
168 100
99 46.8 39.1 58.7



#20
Methylene Chloride
Concen: 8.142 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY017855.D
Acq: 04 Apr 2024 16:39

Tgt Ion: 84 Resp: 13377
Ion Ratio Lower Upper
84 100
49 107.5 84.4 126.6
51 36.9 26.0 39.0
86 66.9 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 61.378 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY017855.D

Acq: 04 Apr 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

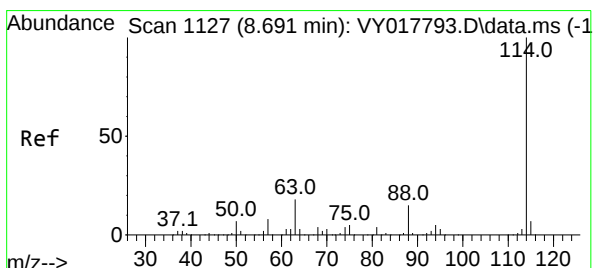
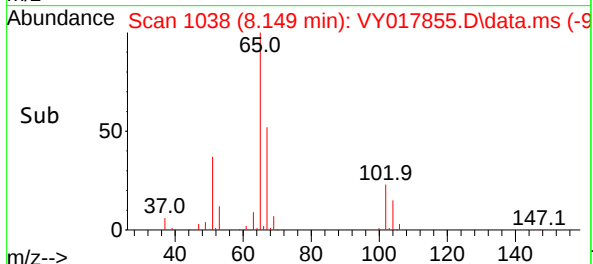
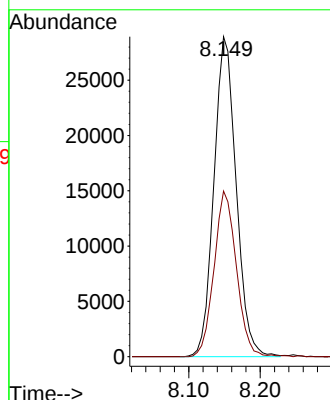
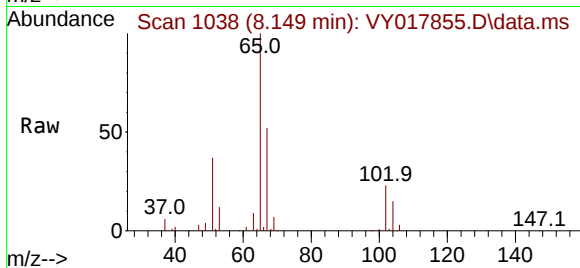
TP1

Tgt Ion: 65 Resp: 62536

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: VY017855.D

Acq: 04 Apr 2024 16:39

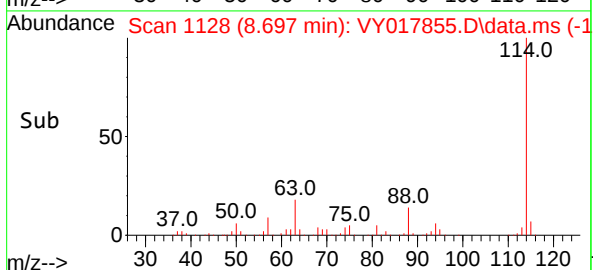
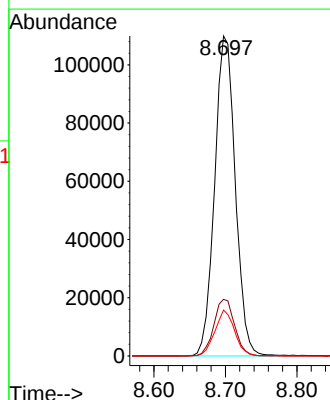
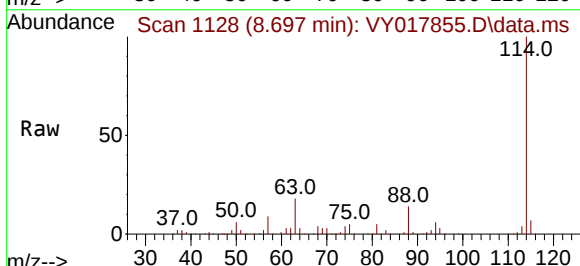
Tgt Ion: 114 Resp: 220534

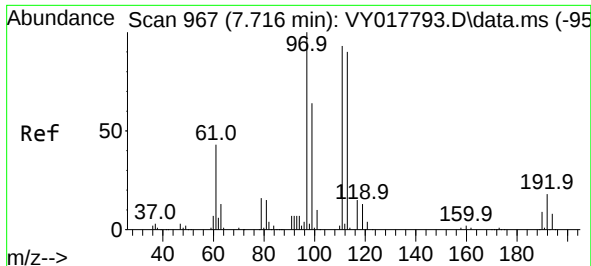
Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 14.4 0.0 27.2





#35

Dibromofluoromethane

Concen: 54.781 ug/l

RT: 7.728 min Scan# 9

Delta R.T. 0.012 min

Lab File: VY017855.D

Acq: 04 Apr 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

TP1

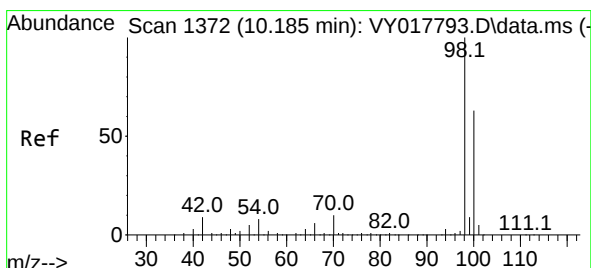
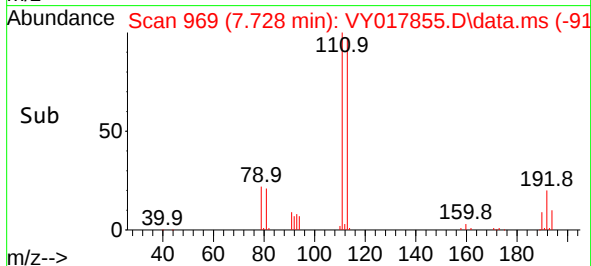
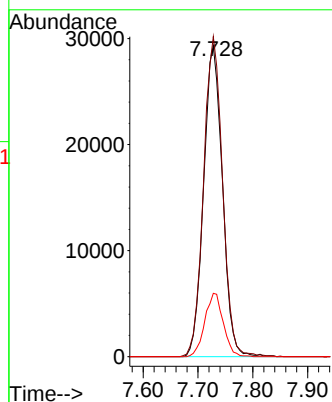
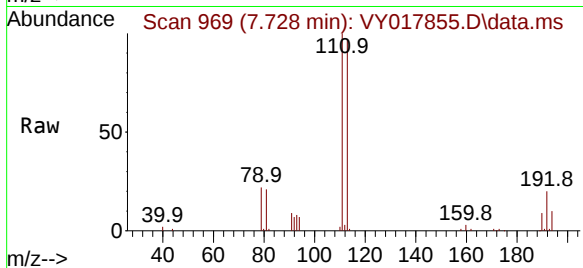
Tgt Ion:113 Resp: 69810

Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.4

192 20.0 15.9 23.9



#50

Toluene-d8

Concen: 54.110 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017855.D

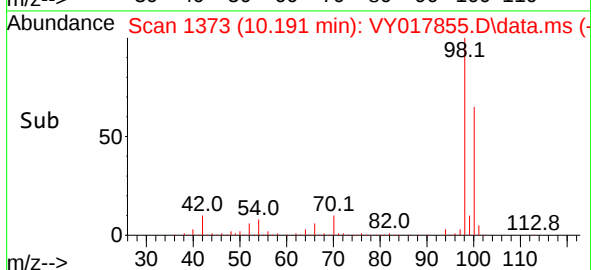
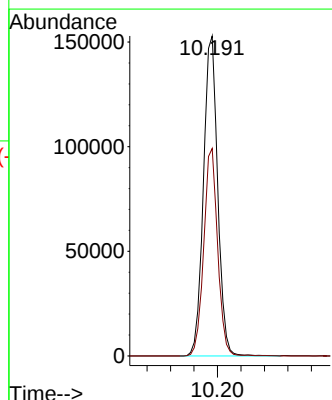
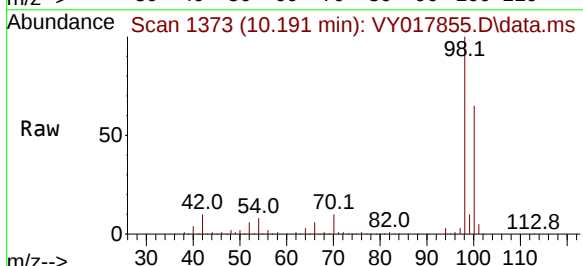
Acq: 04 Apr 2024 16:39

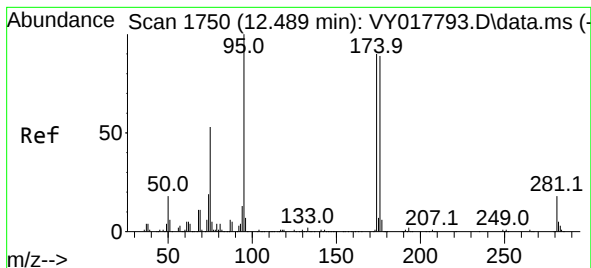
Tgt Ion: 98 Resp: 257576

Ion Ratio Lower Upper

98 100

100 63.3 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 43.800 ug/l

RT: 12.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017855.D

Acq: 04 Apr 2024 16:39

Instrument :

MSVOA_Y

ClientSampleId :

TP1

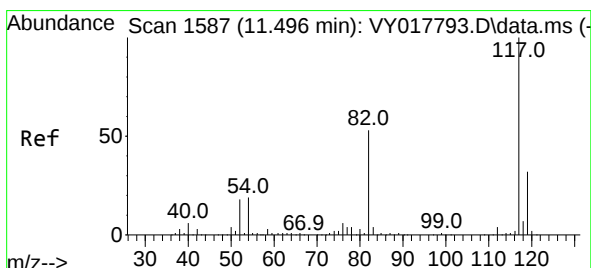
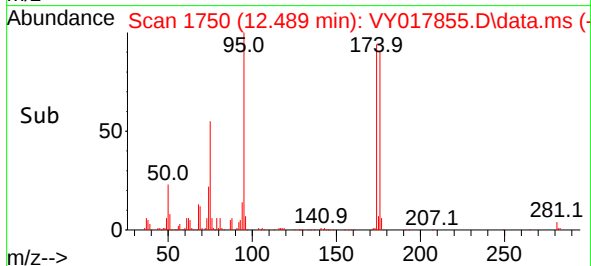
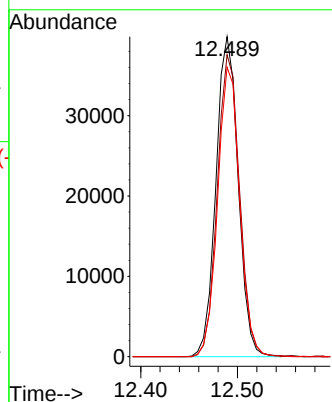
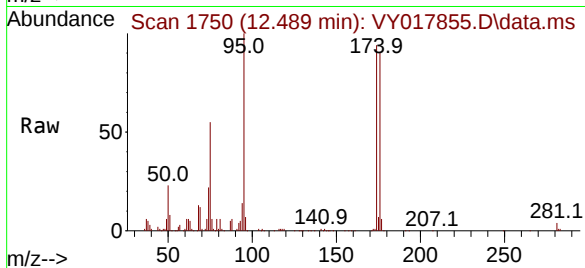
Tgt Ion: 95 Resp: 63436

Ion Ratio Lower Upper

95 100

174 94.7 0.0 175.6

176 89.8 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1587

Delta R.T. 0.000 min

Lab File: VY017855.D

Acq: 04 Apr 2024 16:39

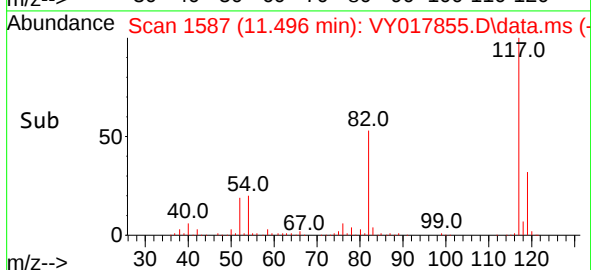
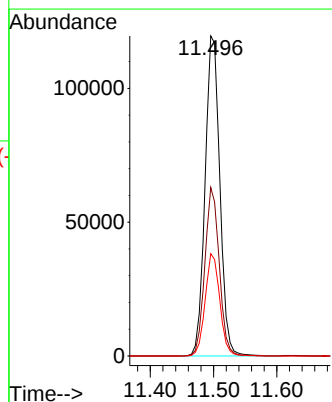
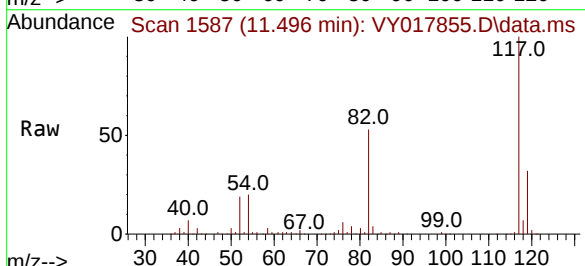
Tgt Ion: 117 Resp: 194603

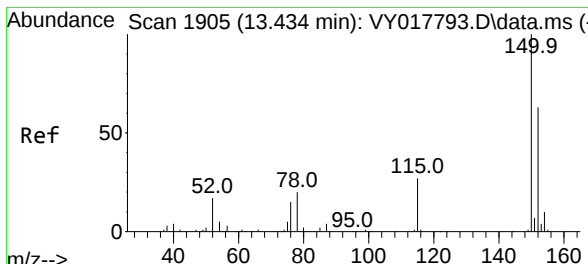
Ion Ratio Lower Upper

117 100

82 52.6 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: VY017855.D
 Acq: 04 Apr 2024 16:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1

Tgt Ion:152	Resp:	69052
Ion Ratio	Lower	Upper
152	100	
115	53.9	28.2 84.7
150	155.2	0.0 345.6

