

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021725\
 Data File : VY021217.D
 Acq On : 17 Feb 2025 13:18
 Operator : SY/MD
 Sample : Q1365-05
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 286

Quant Time: Feb 18 00:46:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	10707	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.621	114	15128	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	9208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.358	152	1102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	3642	33.199	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	66.400%
35) Dibromofluoromethane	7.646	113	4438	45.776	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.560%
50) Toluene-d8	10.115	98	15818	42.856	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.720%
62) 4-Bromofluorobenzene	12.413	95	2155	17.872	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	35.740%

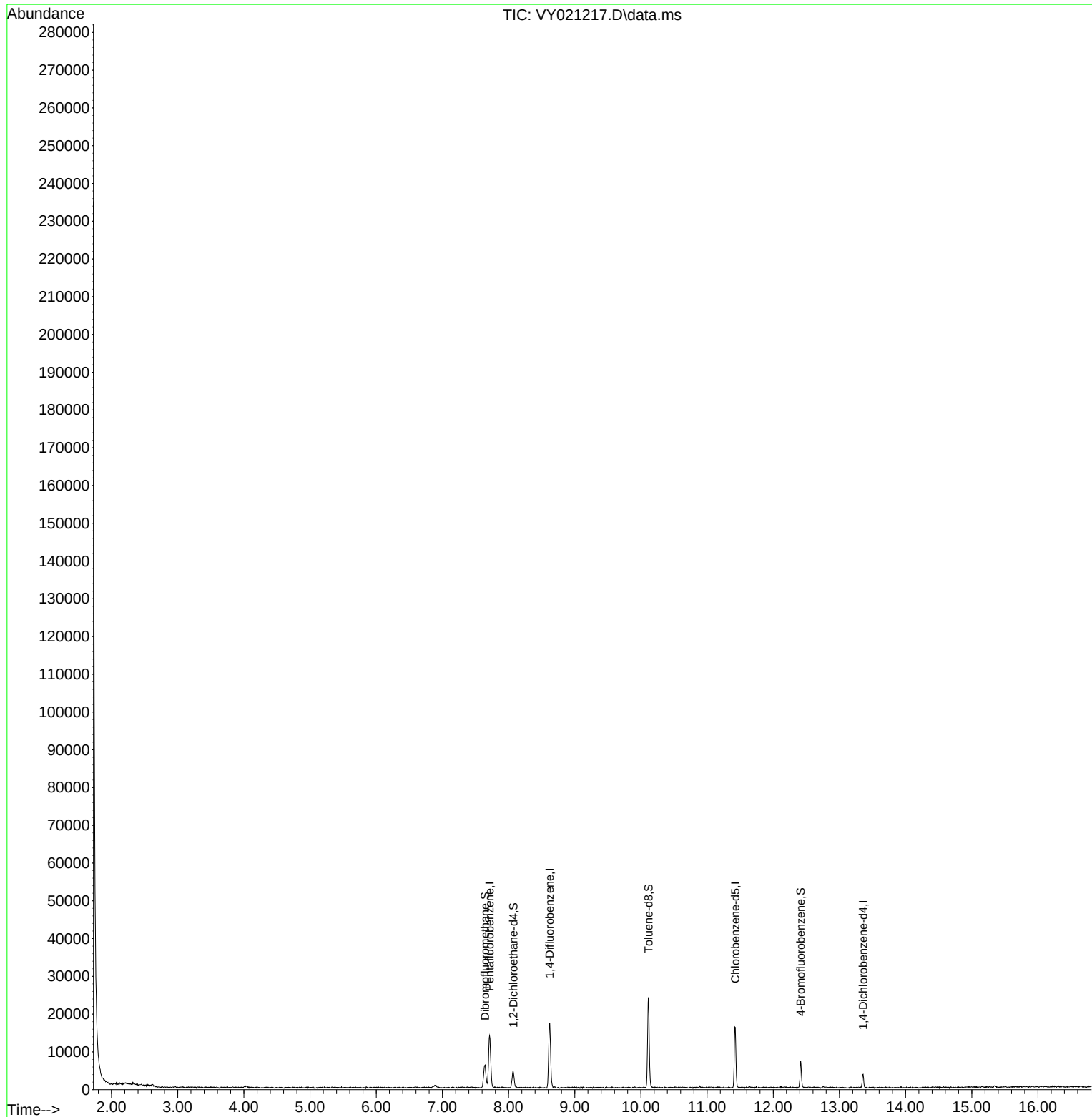
Target Compounds Qvalue

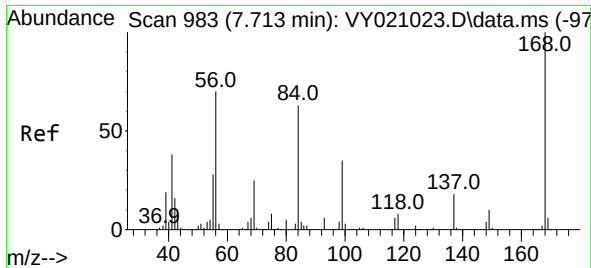
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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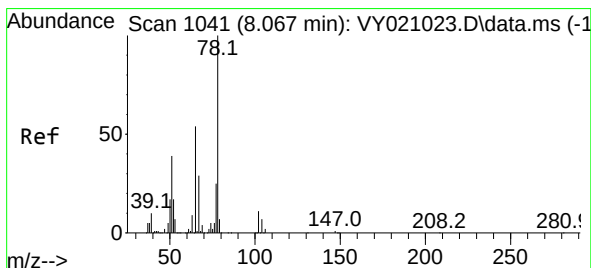
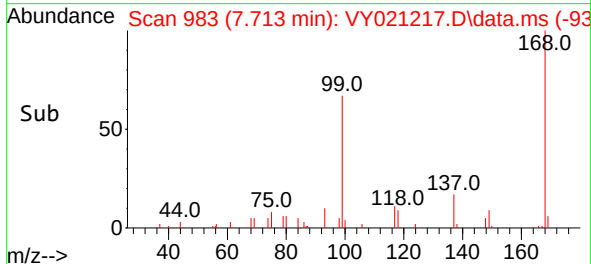
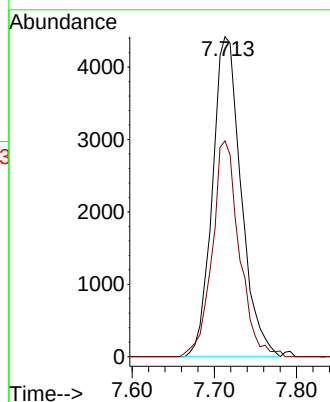
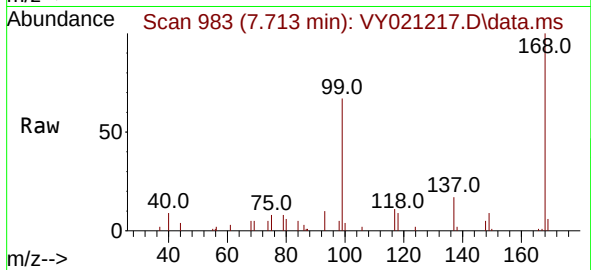




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021217.D
Acq: 17 Feb 2025 13:18

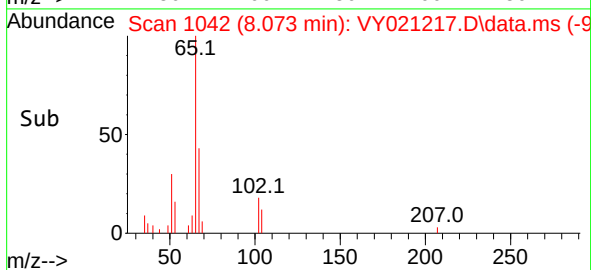
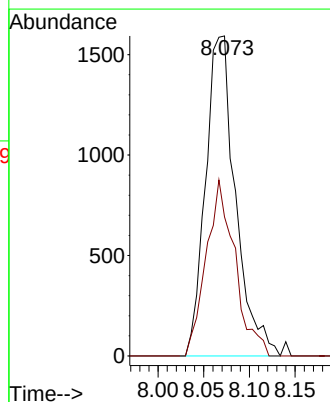
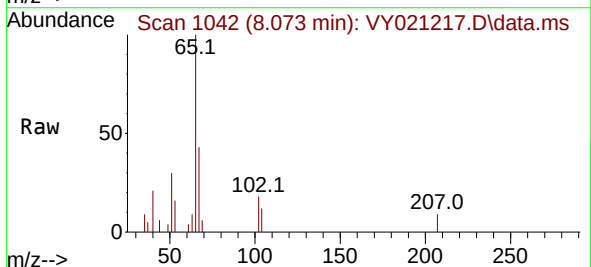
Instrument :
MSVOA_Y
ClientSampleId :
286

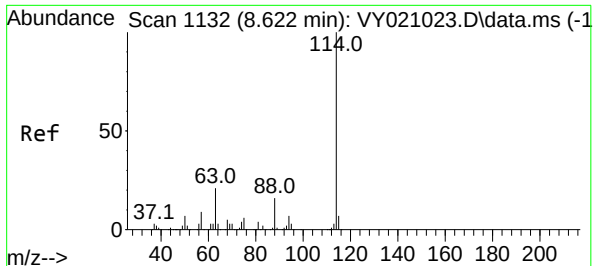
Tgt Ion:168 Resp: 10707
Ion Ratio Lower Upper
168 100
99 67.5 44.2 66.4#



#33
1,2-Dichloroethane-d4
Concen: 33.199 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY021217.D
Acq: 17 Feb 2025 13:18

Tgt Ion: 65 Resp: 3642
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. -0.001 min

Lab File: VY021217.D

Acq: 17 Feb 2025 13:18

Instrument :

MSVOA_Y

ClientSampleId :

286

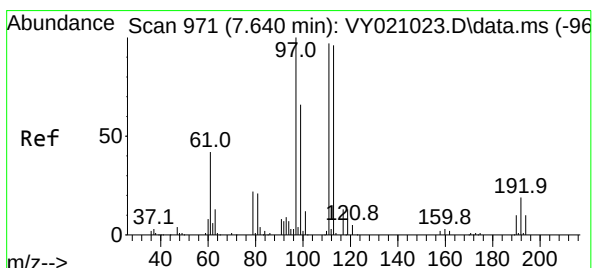
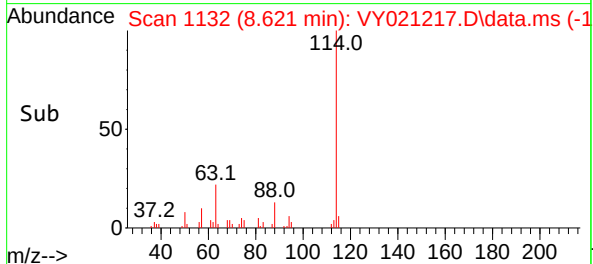
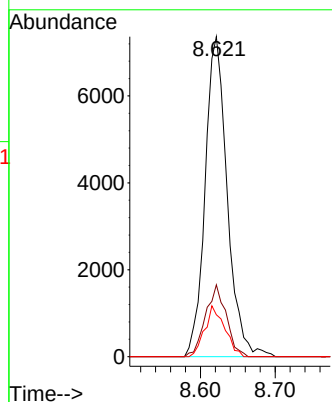
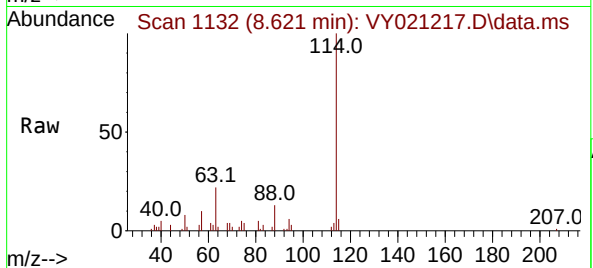
Tgt Ion:114 Resp: 15128

Ion Ratio Lower Upper

114 100

63 22.5 0.0 37.4

88 13.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 45.776 ug/l

RT: 7.646 min Scan# 972

Delta R.T. 0.006 min

Lab File: VY021217.D

Acq: 17 Feb 2025 13:18

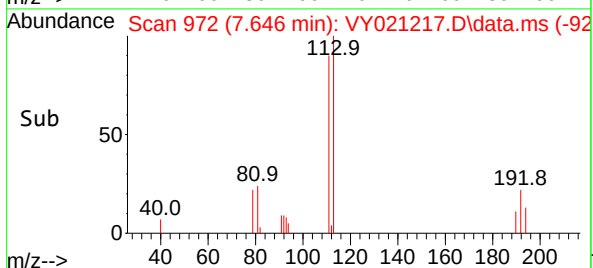
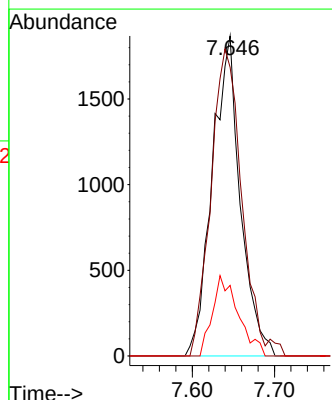
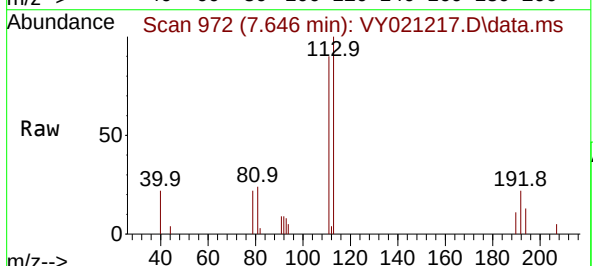
Tgt Ion:113 Resp: 4438

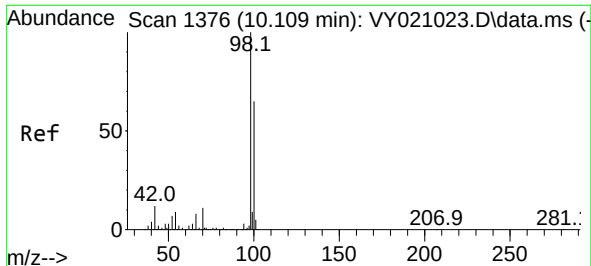
Ion Ratio Lower Upper

113 100

111 105.5 83.8 125.6

192 23.2 14.5 21.7#

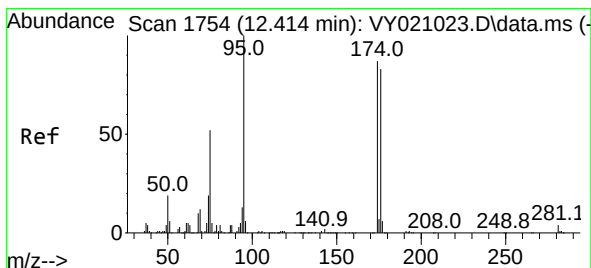
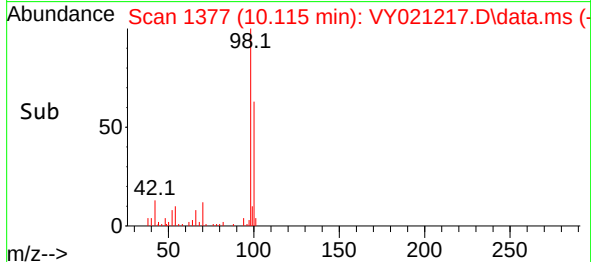
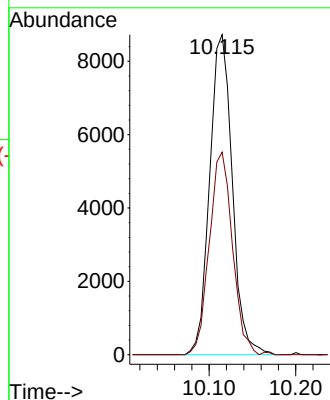
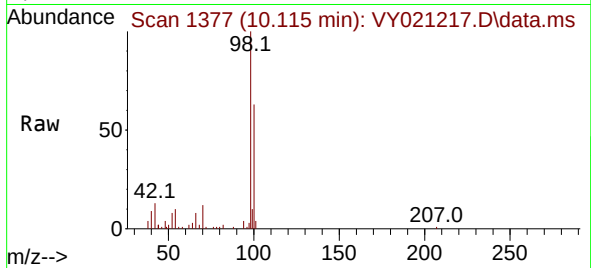




#50
Toluene-d8
Concen: 42.856 ug/l
RT: 10.115 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021217.D
Acq: 17 Feb 2025 13:18

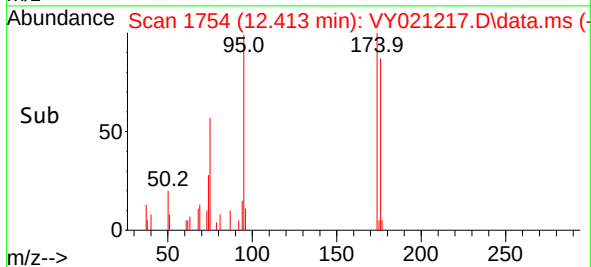
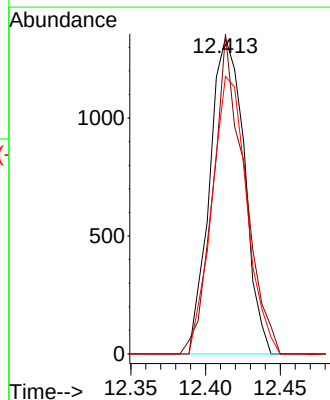
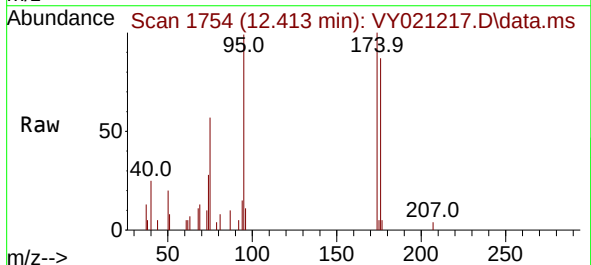
Instrument :
MSVOA_Y
ClientSampleId :
286

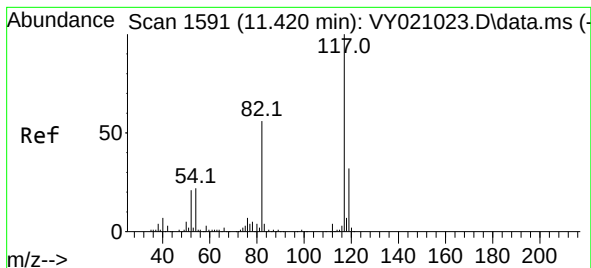
Tgt Ion: 98 Resp: 15818
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 17.872 ug/l
RT: 12.413 min Scan# 1754
Delta R.T. -0.001 min
Lab File: VY021217.D
Acq: 17 Feb 2025 13:18

Tgt Ion: 95 Resp: 2155
Ion Ratio Lower Upper
95 100
174 91.8 0.0 160.0
176 88.6 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021217.D

Acq: 17 Feb 2025 13:18

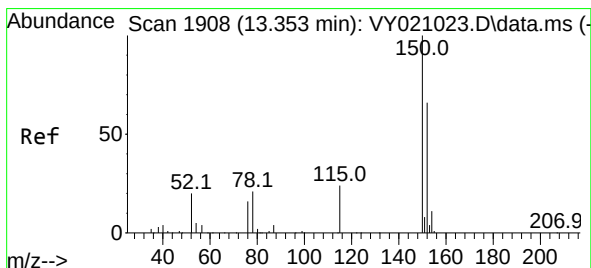
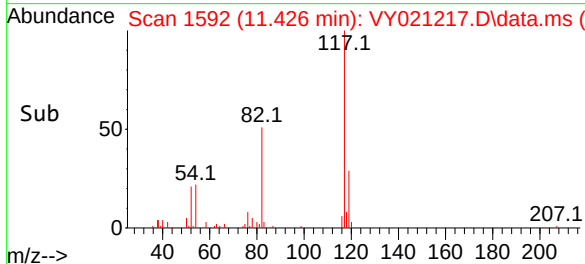
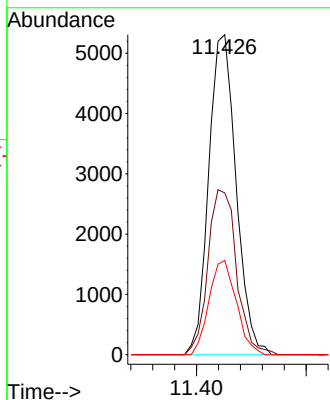
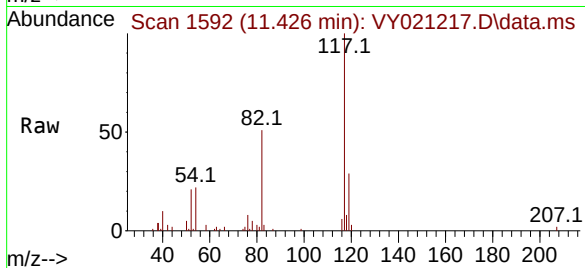
Instrument :

MSVOA_Y

ClientSampleId :

286

Tgt Ion:117	Resp:	9208
Ion	Ratio	Lower Upper
117	100	
82	50.6	43.8 65.8
119	29.5	26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.358 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY021217.D

Acq: 17 Feb 2025 13:18

Tgt Ion:152	Resp:	1102
Ion	Ratio	Lower Upper
152	100	
115	57.2	30.0 90.0
150	158.2	0.0 344.6

