

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
 Data File : VY017285.D
 Acq On : 07 Feb 2024 13:40
 Operator : SY/MD
 Sample : P1355-01
 Misc : 3.17g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-214

Quant Time: Feb 07 14:29:33 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	90276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	180122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	168065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	68487	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	48737	60.432	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.860%
35) Dibromofluoromethane	7.728	113	44076	45.320	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.640%
50) Toluene-d8	10.185	98	166942	47.146	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.300%
62) 4-Bromofluorobenzene	12.489	95	55093	47.496	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.000%

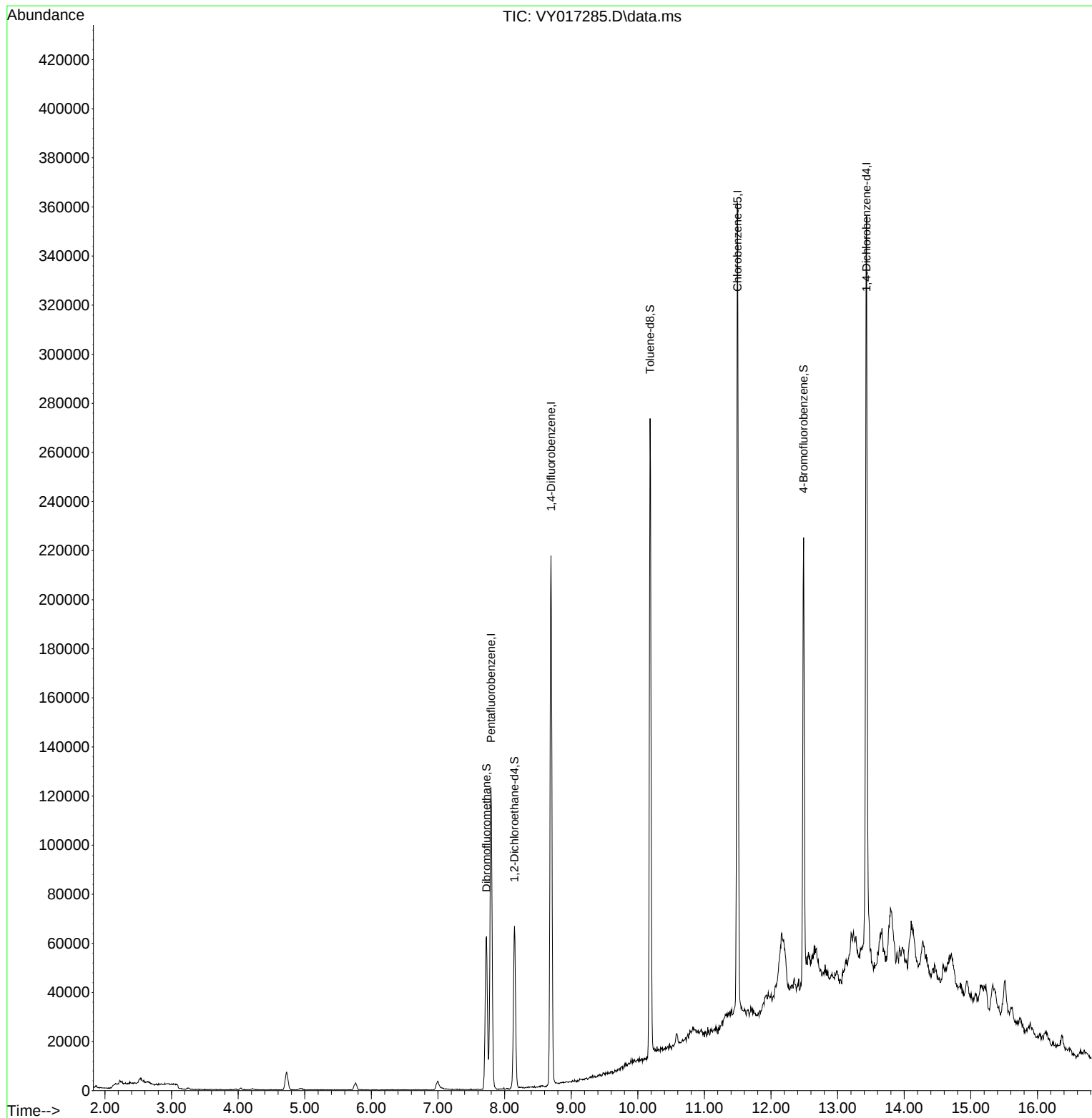
Target Compounds	Qvalue

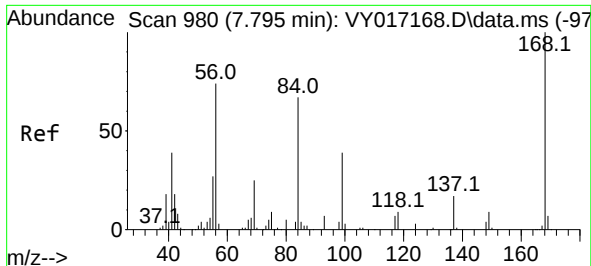
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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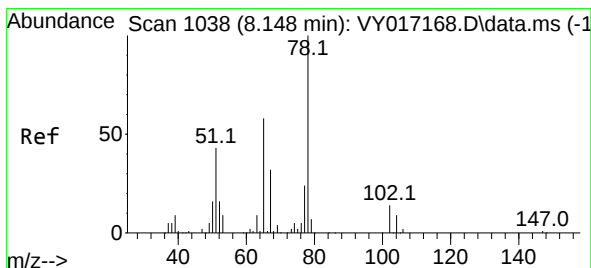
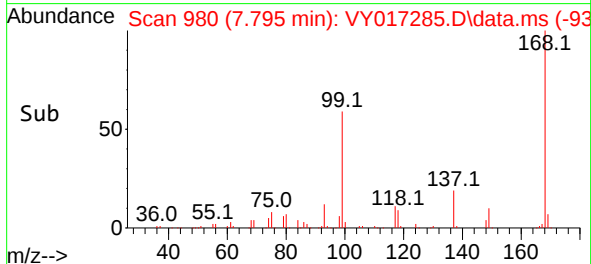
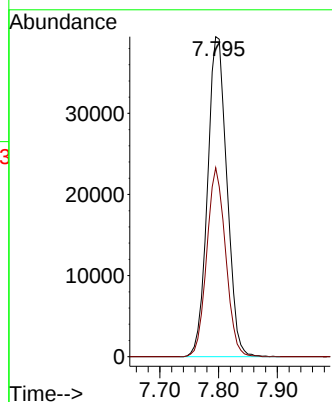
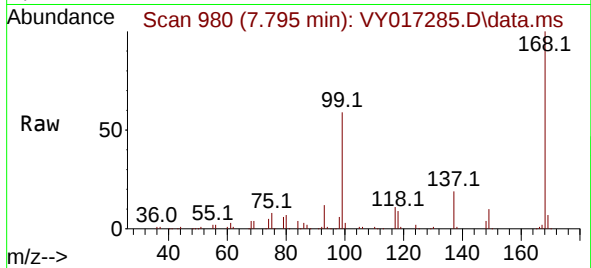




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017285.D
Acq: 07 Feb 2024 13:40

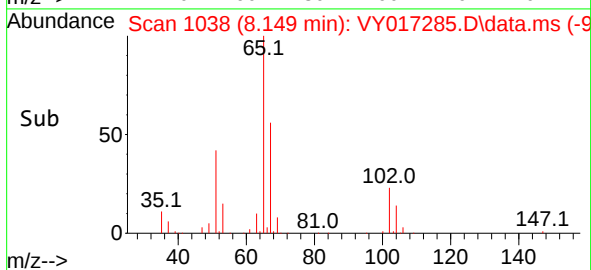
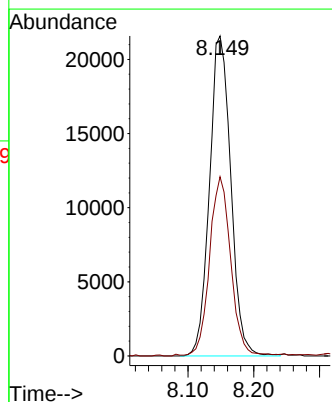
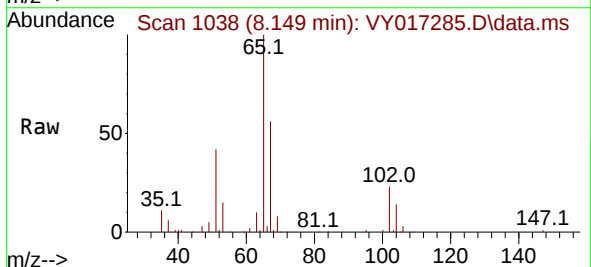
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-214

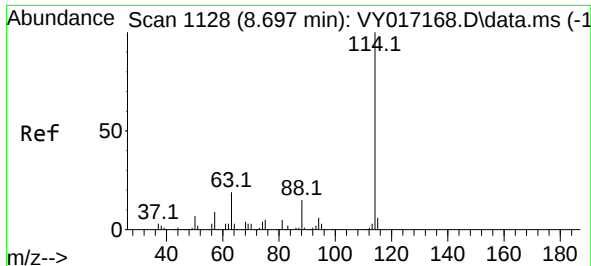
Tgt Ion:168 Resp: 90276
Ion Ratio Lower Upper
168 100
99 59.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 60.432 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017285.D
Acq: 07 Feb 2024 13:40

Tgt Ion: 65 Resp: 48737
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.0

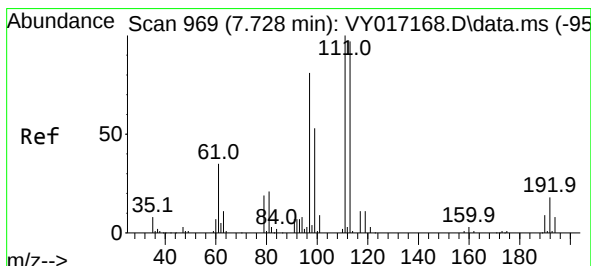
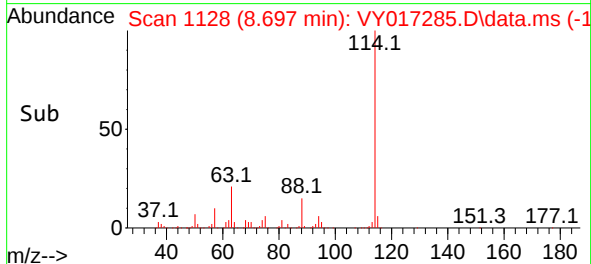
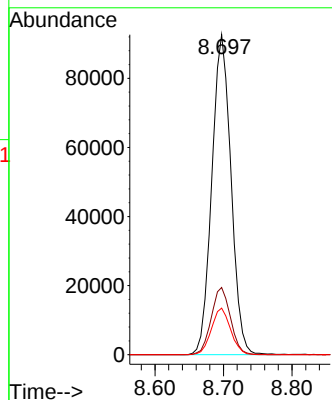
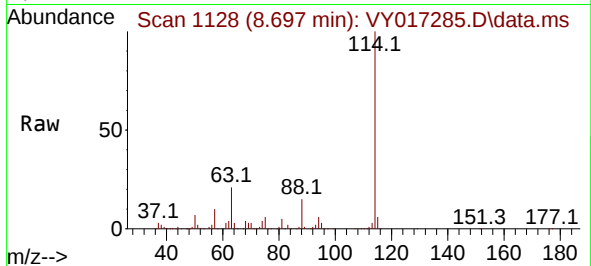




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY017285.D
Acq: 07 Feb 2024 13:40

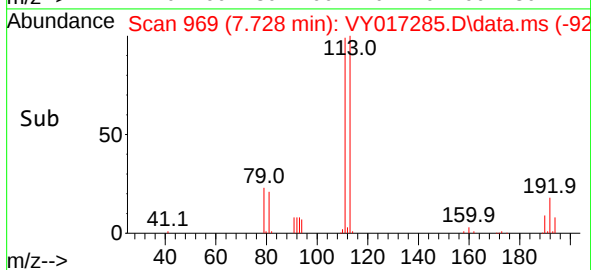
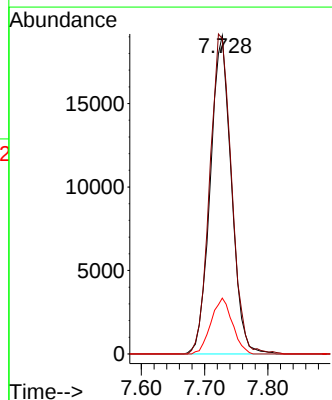
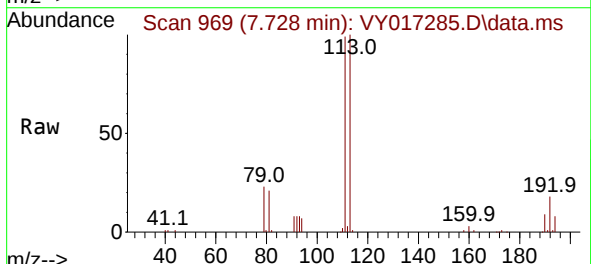
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-214

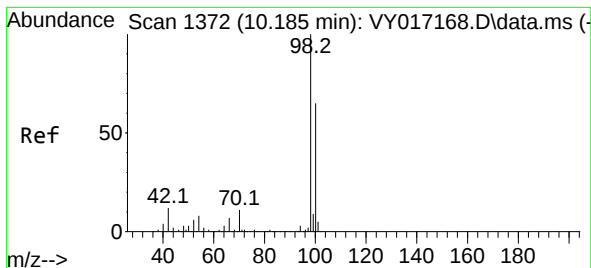
Tgt Ion:114 Resp: 180122
Ion Ratio Lower Upper
114 100
63 21.0 0.0 37.4
88 14.6 0.0 29.0



#35
Dibromofluoromethane
Concen: 45.320 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY017285.D
Acq: 07 Feb 2024 13:40

Tgt Ion:113 Resp: 44076
Ion Ratio Lower Upper
113 100
111 103.9 83.8 125.6
192 17.8 14.5 21.7





#50

Toluene-d8

Concen: 47.146 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017285.D

Acq: 07 Feb 2024 13:40

Instrument :

MSVOA_Y

ClientSampleId :

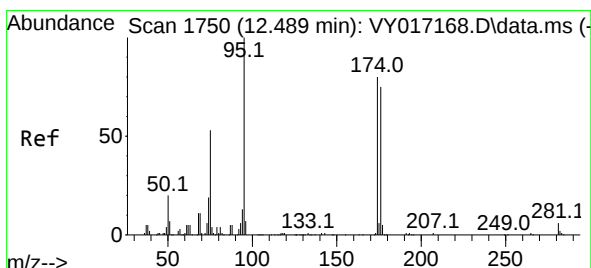
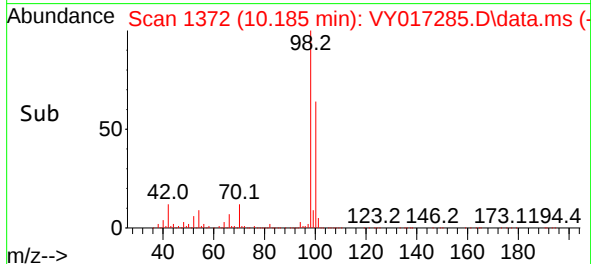
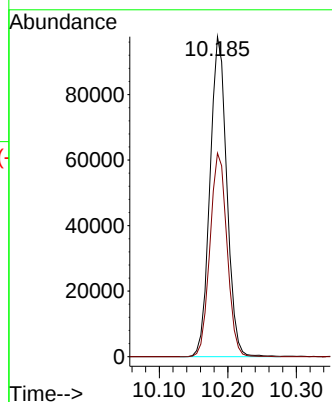
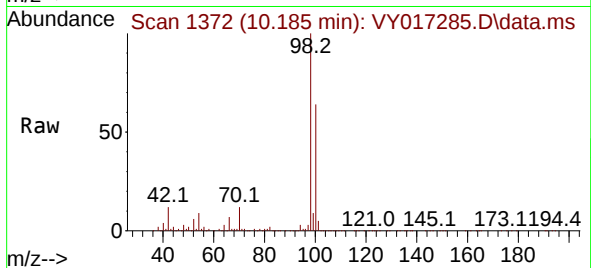
VNJ-214

Tgt Ion: 98 Resp: 166942

Ion Ratio Lower Upper

98 100

100 64.3 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 47.496 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017285.D

Acq: 07 Feb 2024 13:40

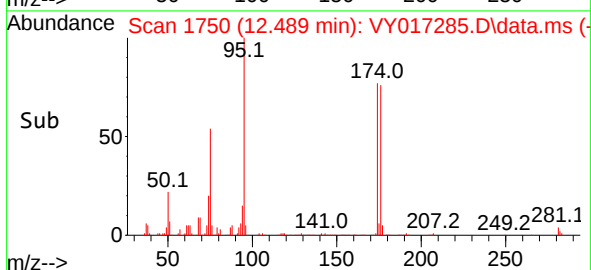
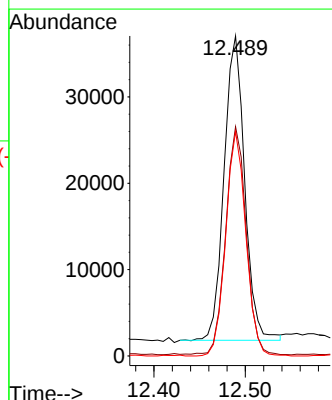
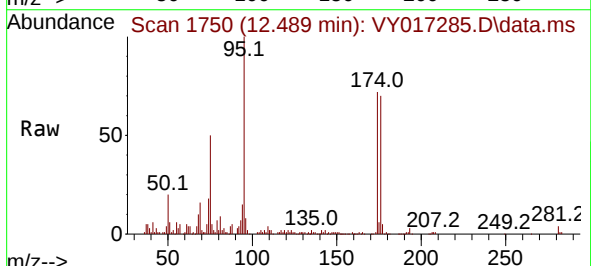
Tgt Ion: 95 Resp: 55093

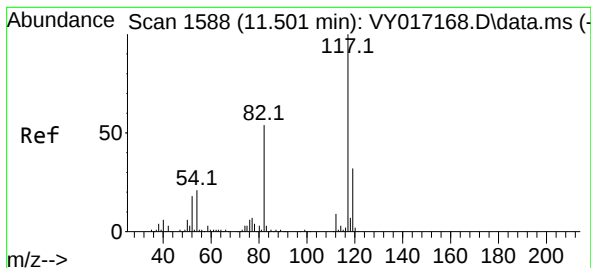
Ion Ratio Lower Upper

95 100

174 74.6 0.0 160.0

176 72.4 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017285.D

Acq: 07 Feb 2024 13:40

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-214

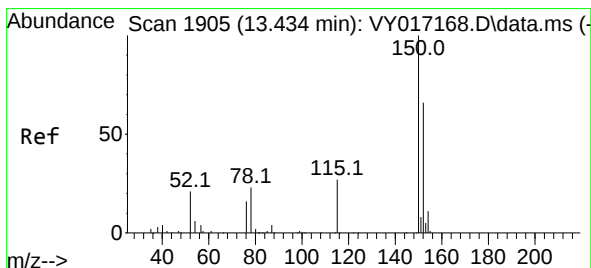
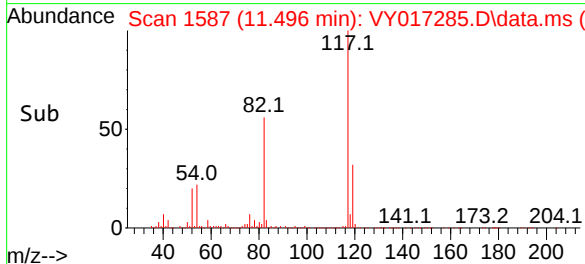
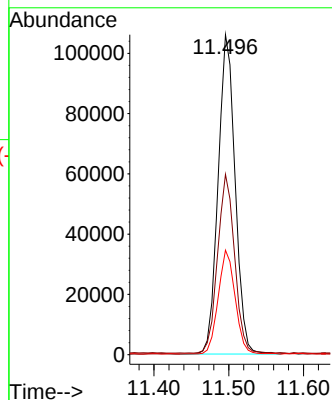
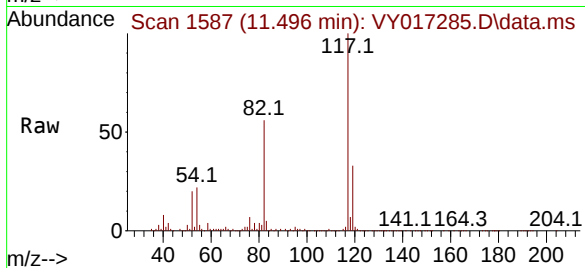
Tgt Ion:117 Resp: 168065

Ion Ratio Lower Upper

117 100

82 55.9 43.8 65.8

119 32.5 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: VY017285.D

Acq: 07 Feb 2024 13:40

Tgt Ion:152 Resp: 68487

Ion Ratio Lower Upper

152 100

115 59.1 30.0 90.0

150 157.4 0.0 344.6

