

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020924\
 Data File : VY017344.D
 Acq On : 09 Feb 2024 17:08
 Operator : SY/MD
 Sample : P1413-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-209

Quant Time: Feb 09 22:05:43 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	7.789	168	118282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	230093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	209186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82075	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	61697	58.389	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.780%
35) Dibromofluoromethane	7.716	113	62624	50.407	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.820%
50) Toluene-d8	10.179	98	223132	49.329	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.660%
62) 4-Bromofluorobenzene	12.483	95	63975	43.175	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.360%

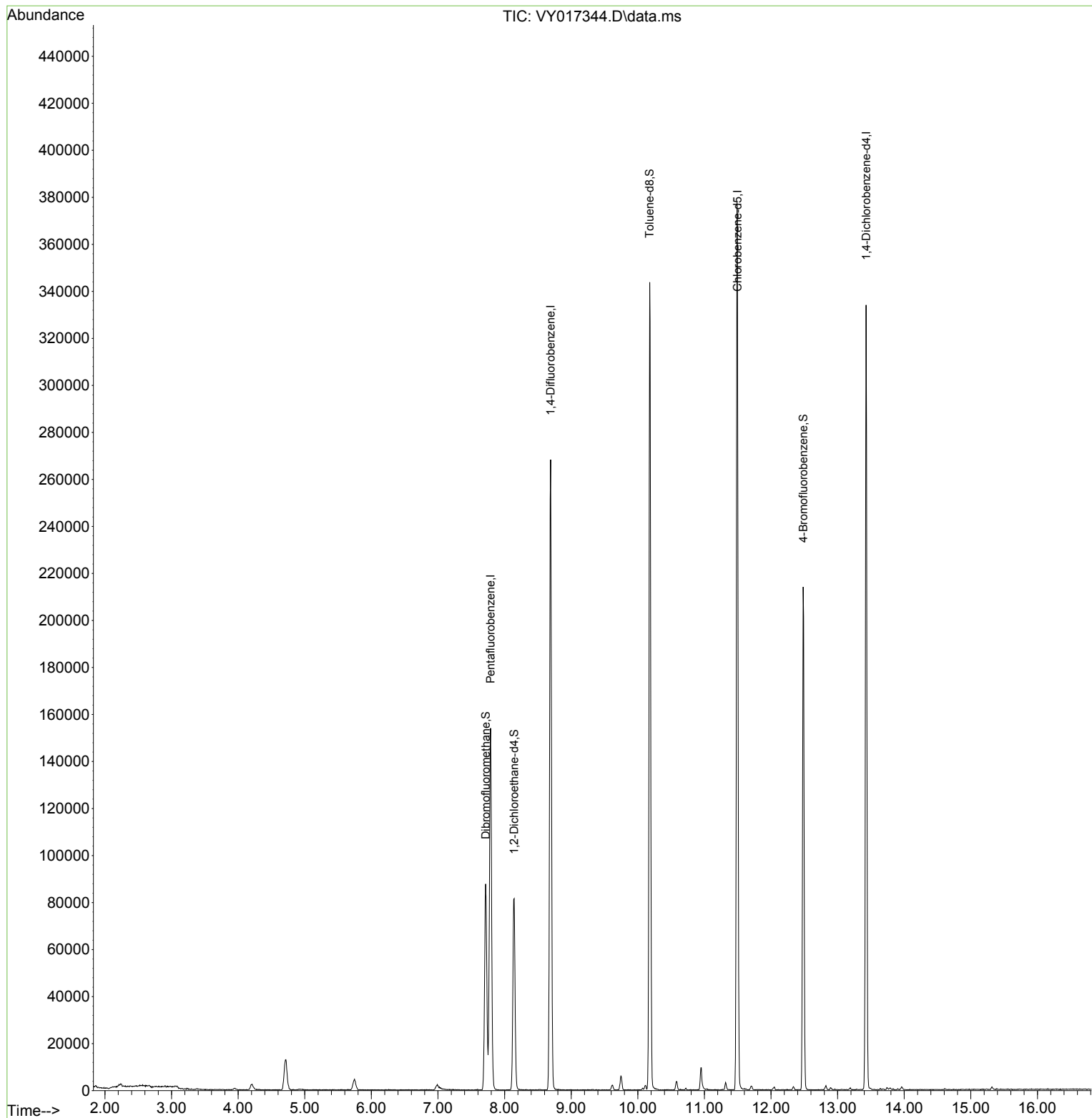
Target Compounds	Qvalue

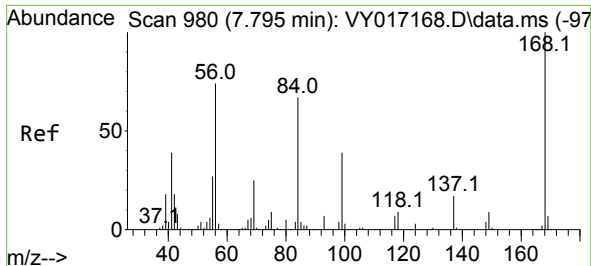
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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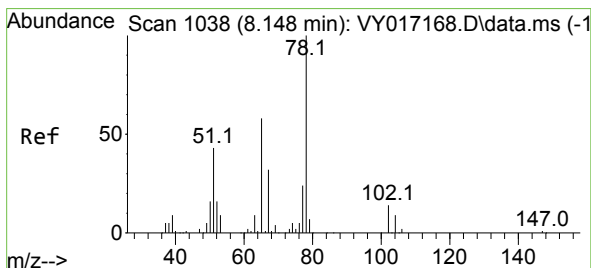
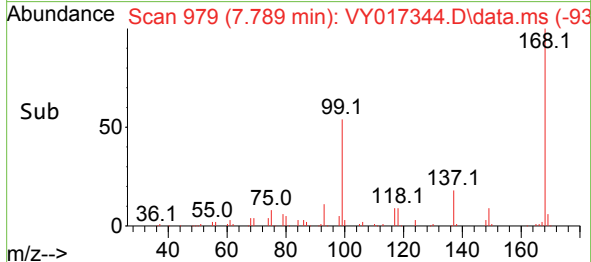
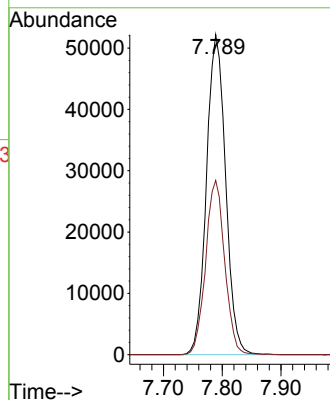
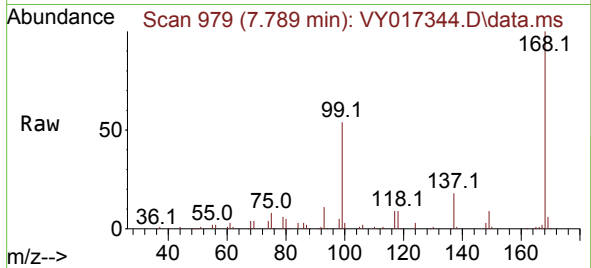




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017344.D
Acq: 09 Feb 2024 17:08

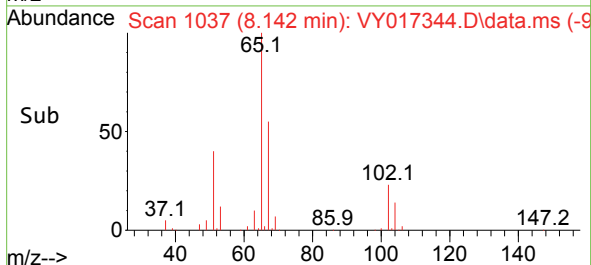
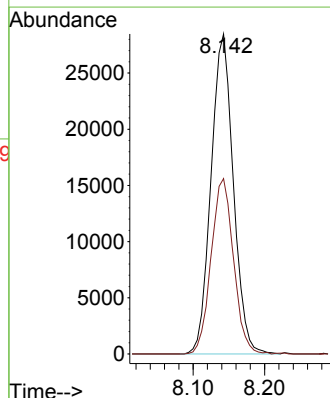
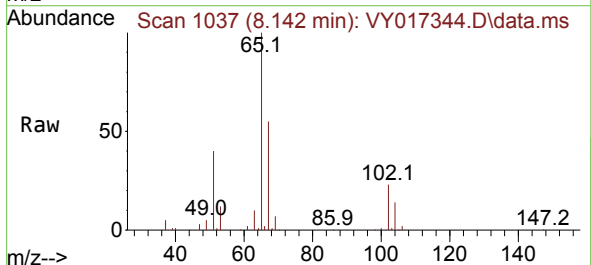
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-209

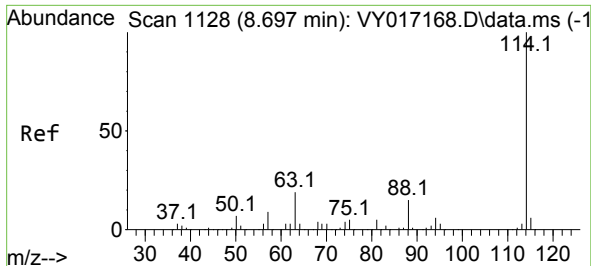
Tgt Ion:168 Resp: 118282
Ion Ratio Lower Upper
168 100
99 54.4 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 58.389 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY017344.D
Acq: 09 Feb 2024 17:08

Tgt Ion: 65 Resp: 61697
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY017344.D

Acq: 09 Feb 2024 17:08

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-209

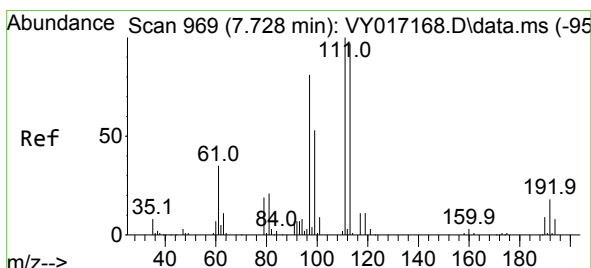
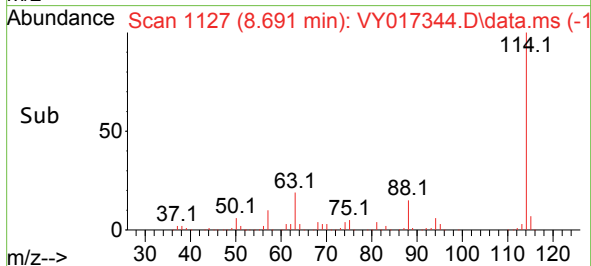
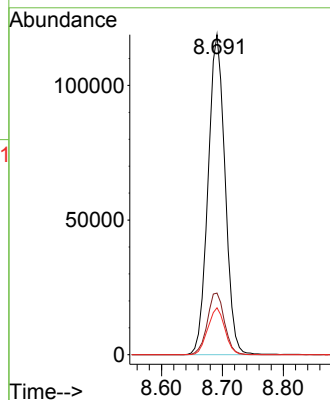
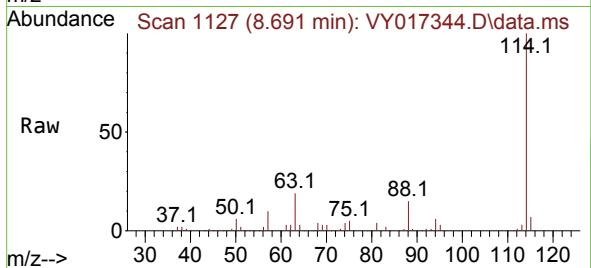
Tgt Ion:114 Resp: 230093

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.4

88 14.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 50.407 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.012 min

Lab File: VY017344.D

Acq: 09 Feb 2024 17:08

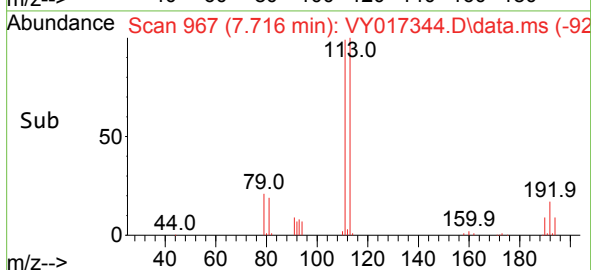
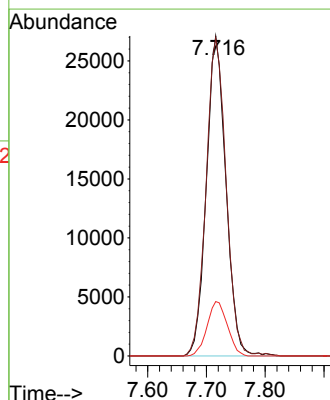
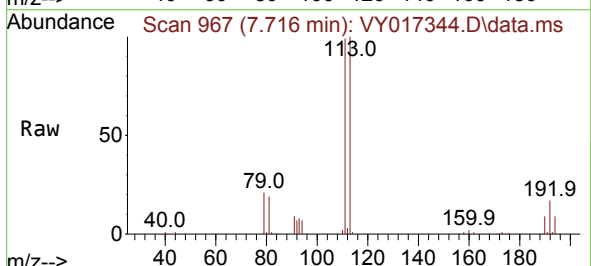
Tgt Ion:113 Resp: 62624

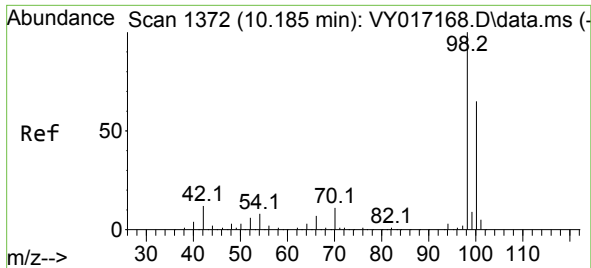
Ion Ratio Lower Upper

113 100

111 101.6 83.8 125.6

192 17.6 14.5 21.7

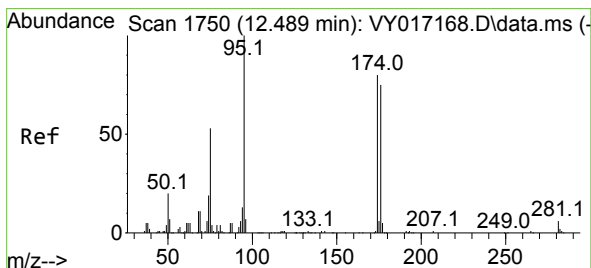
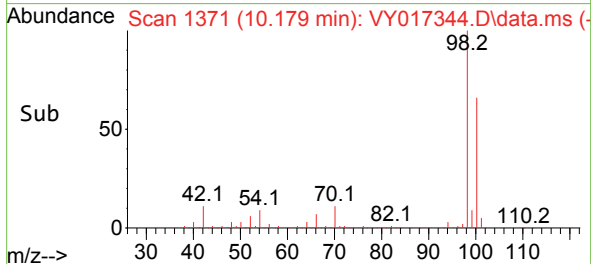
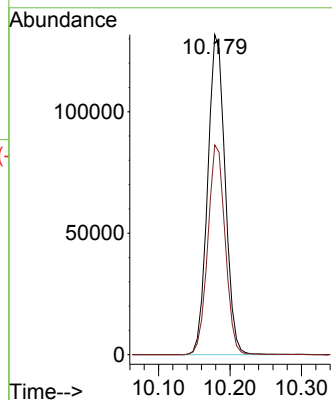
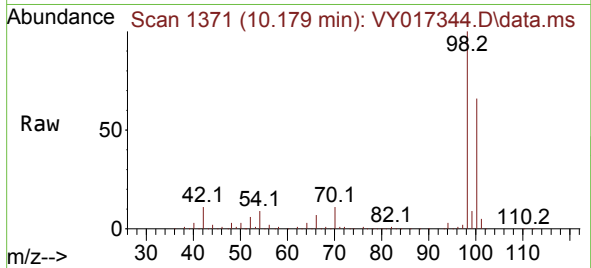




#50
Toluene-d8
Concen: 49.329 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017344.D
Acq: 09 Feb 2024 17:08

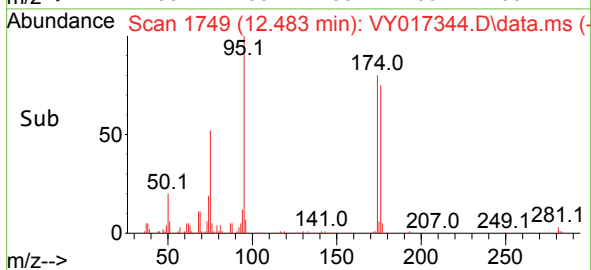
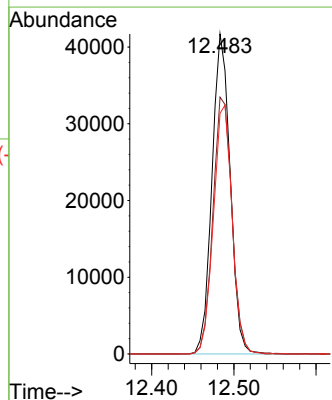
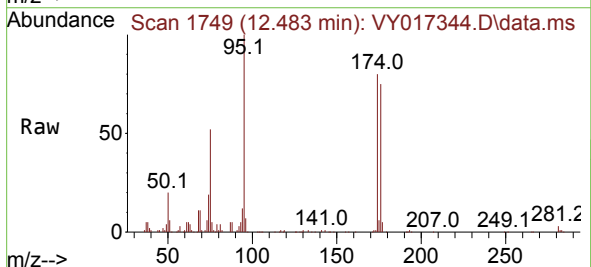
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-209

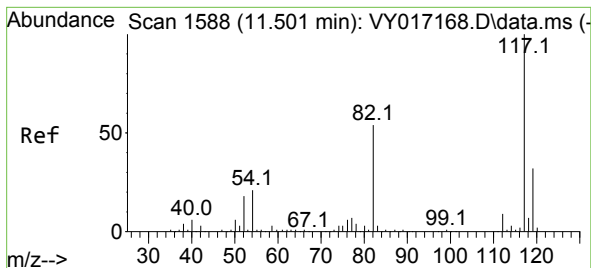
Tgt Ion: 98 Resp: 223132
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 43.175 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017344.D
Acq: 09 Feb 2024 17:08

Tgt Ion: 95 Resp: 63975
Ion Ratio Lower Upper
95 100
174 83.9 0.0 160.0
176 80.3 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: VY017344.D

Acq: 09 Feb 2024 17:08

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-209

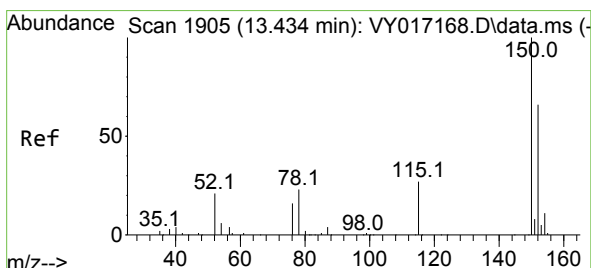
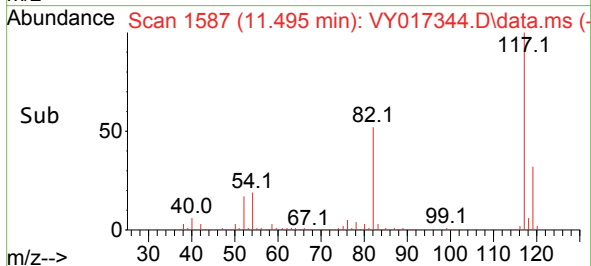
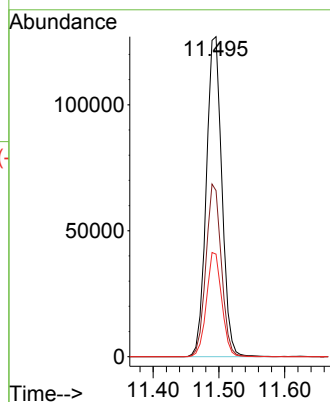
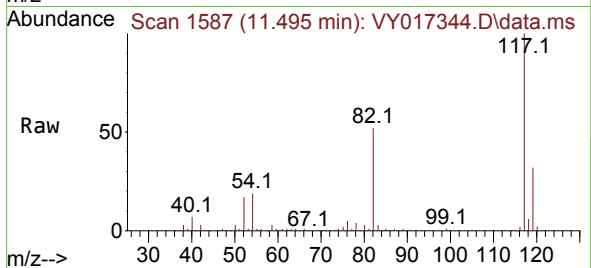
Tgt Ion:117 Resp: 209186

Ion Ratio Lower Upper

117 100

82 51.9 43.8 65.8

119 32.1 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY017344.D

Acq: 09 Feb 2024 17:08

Tgt Ion:152 Resp: 82075

Ion Ratio Lower Upper

152 100

115 58.2 30.0 90.0

150 159.1 0.0 344.6

