

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090123\
 Data File : VY015417.D
 Acq On : 01 Sep 2023 15:54
 Operator : SY/MD
 Sample : 04264-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-206

Quant Time: Sep 01 23:42:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	15914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	24487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	16767	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	4436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	6409	37.568	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	75.140%
35) Dibromofluoromethane	7.710	113	4208	29.836	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	59.680%
50) Toluene-d8	10.179	98	26119	51.138	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.280%
62) 4-Bromofluorobenzene	12.477	95	5294	27.920	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	55.840%

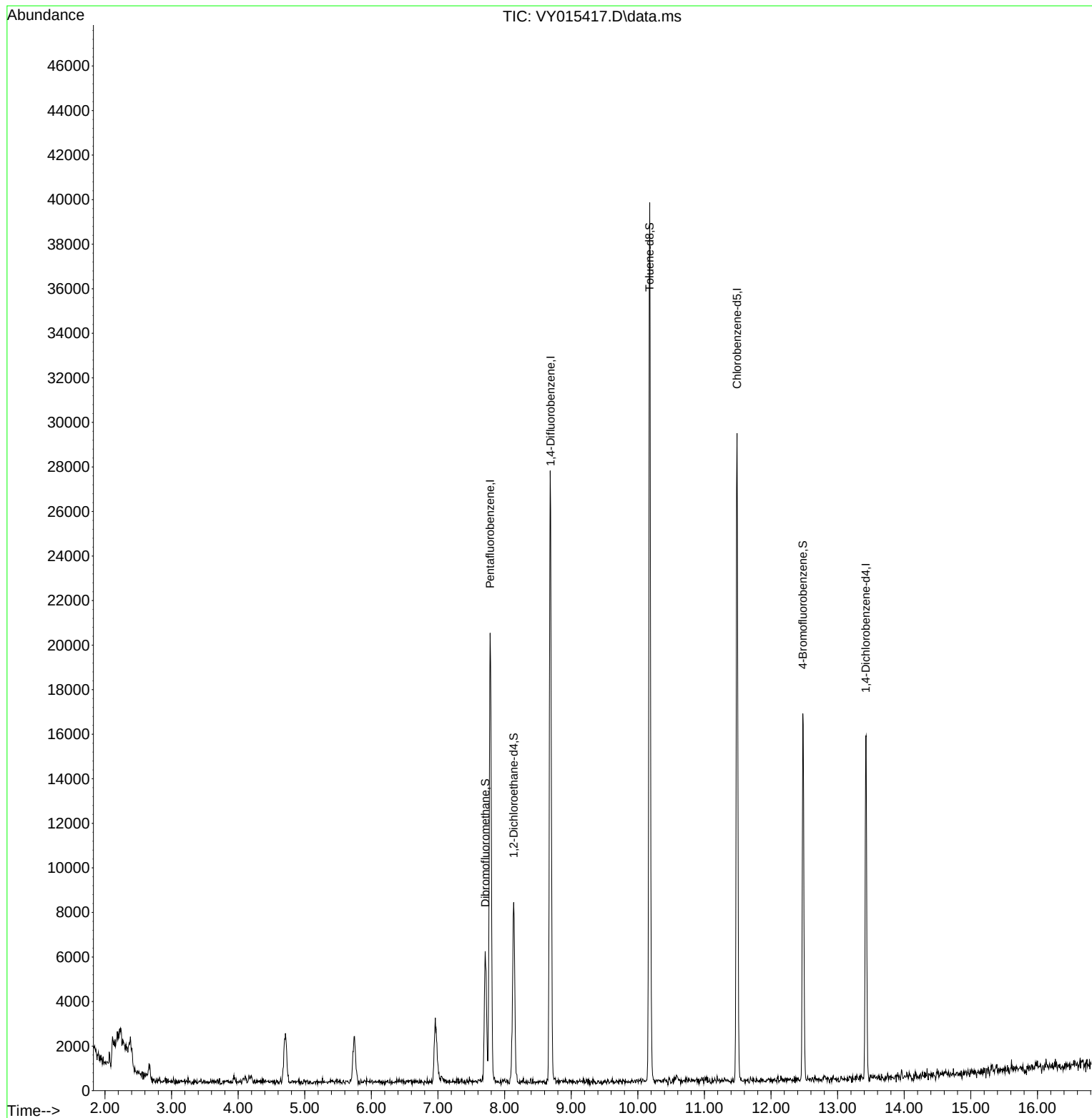
Target Compounds	Qvalue

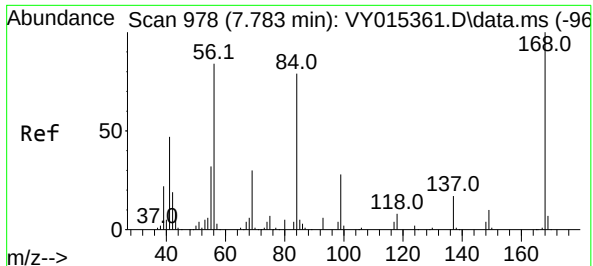
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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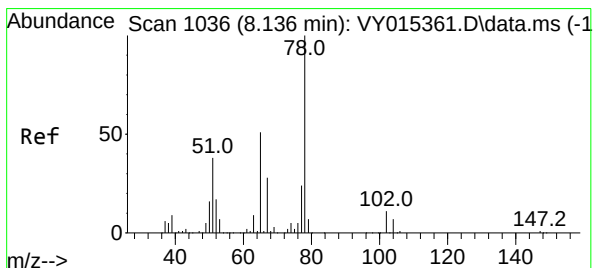
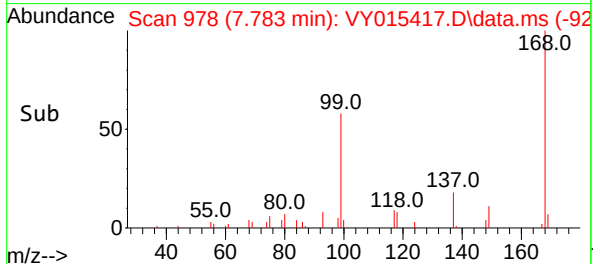
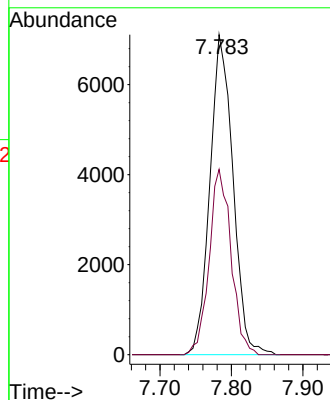
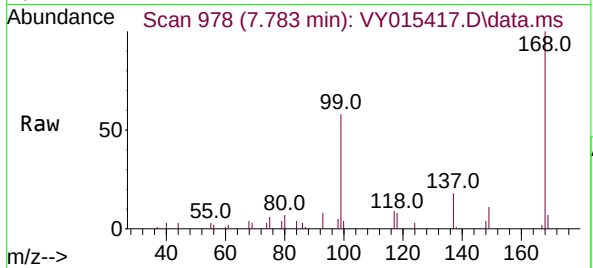




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015417.D
Acq: 01 Sep 2023 15:54

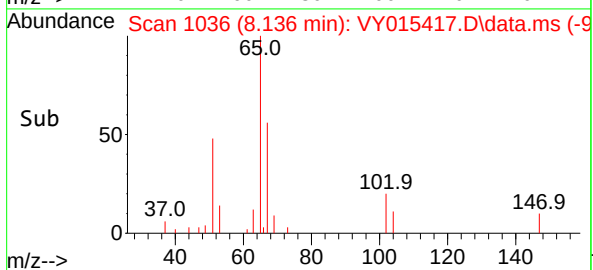
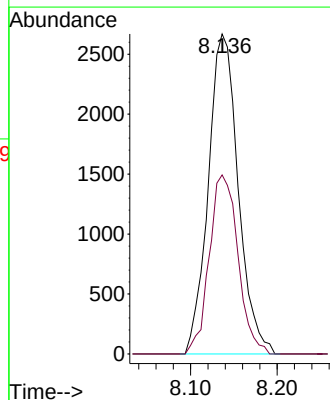
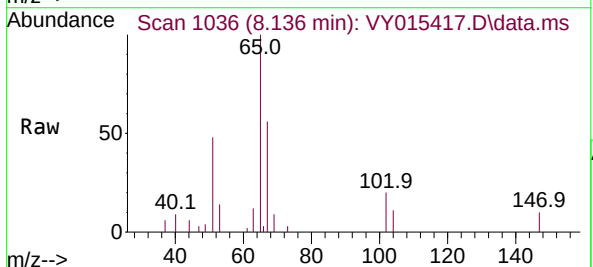
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-206

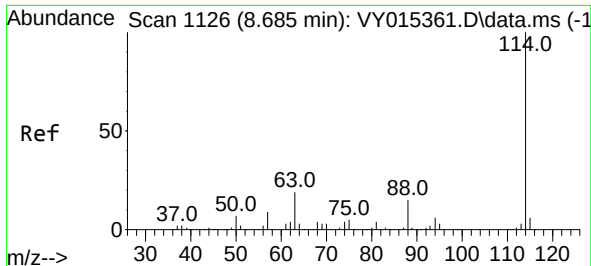
Tgt Ion:168 Resp: 15914
Ion Ratio Lower Upper
168 100
99 57.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 37.568 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015417.D
Acq: 01 Sep 2023 15:54

Tgt Ion: 65 Resp: 6409
Ion Ratio Lower Upper
65 100
67 53.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015417.D

Acq: 01 Sep 2023 15:54

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-206

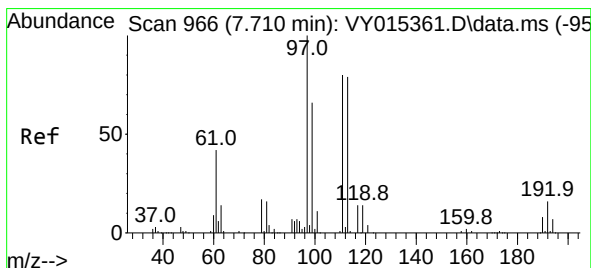
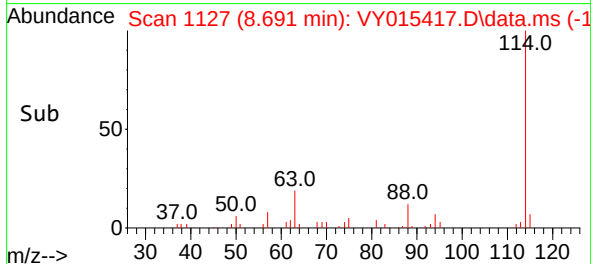
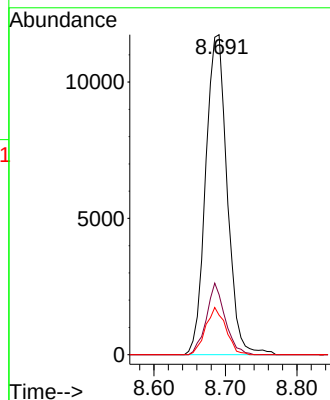
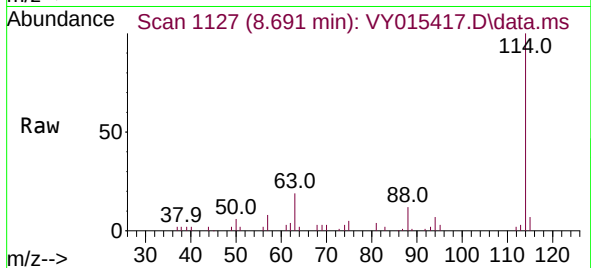
Tgt Ion:114 Resp: 24487

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 12.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 29.836 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015417.D

Acq: 01 Sep 2023 15:54

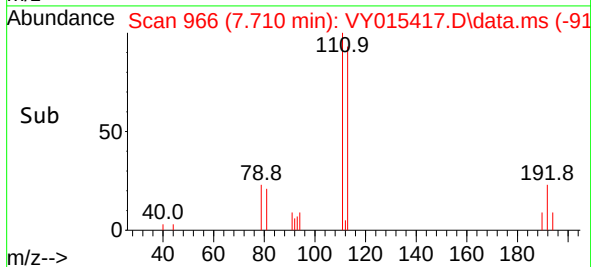
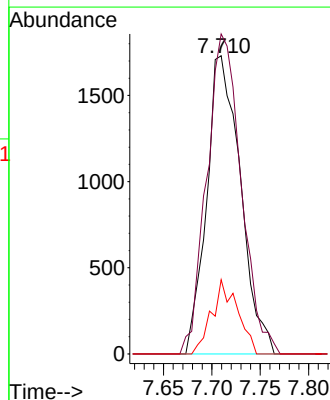
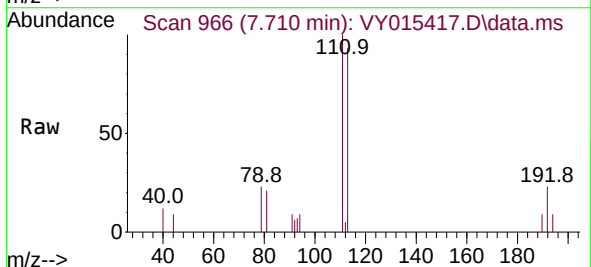
Tgt Ion:113 Resp: 4208

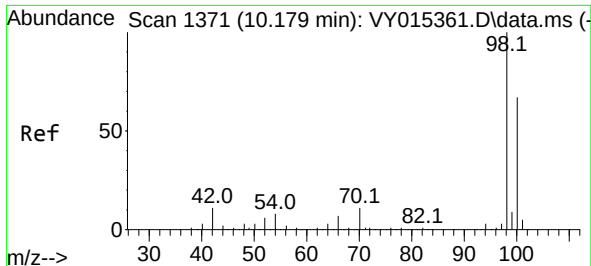
Ion Ratio Lower Upper

113 100

111 109.5 81.3 121.9

192 19.0 16.9 25.3

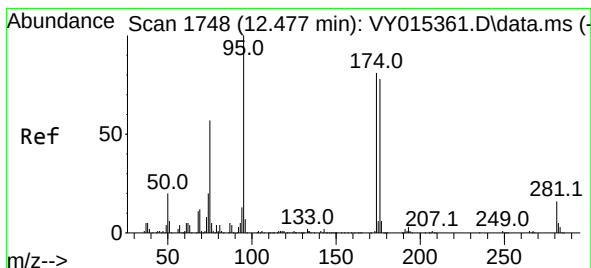
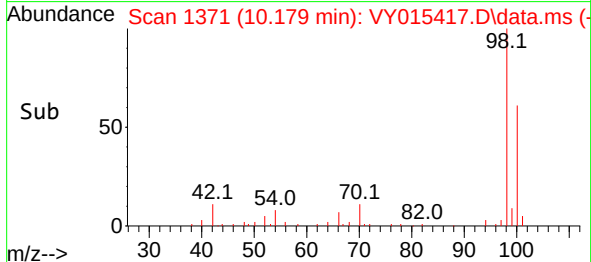
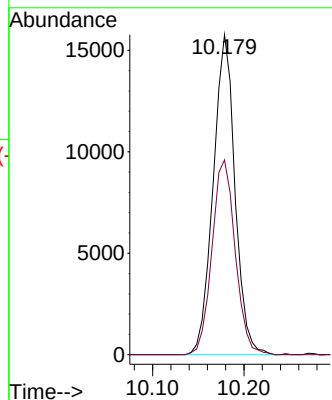
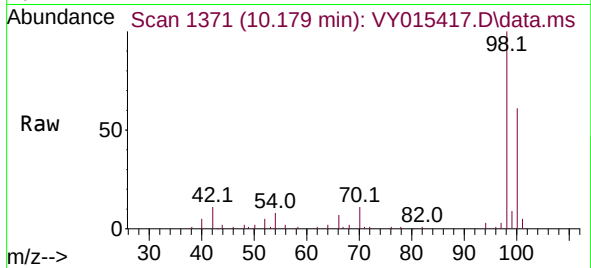




#50
Toluene-d8
Concen: 51.138 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015417.D
Acq: 01 Sep 2023 15:54

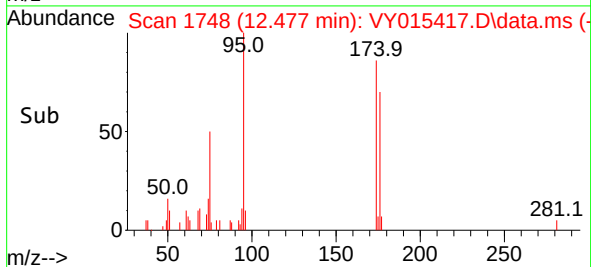
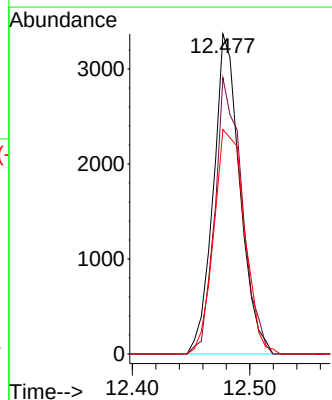
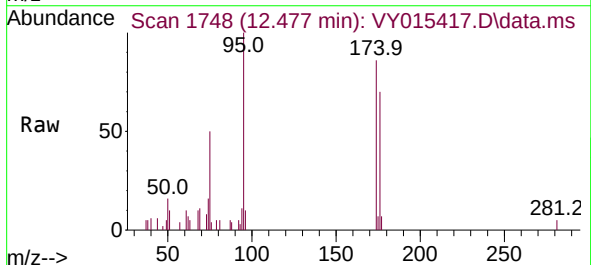
Instrument :
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VNJ-206

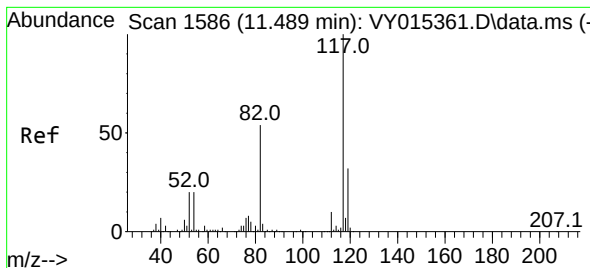
Tgt Ion: 98 Resp: 26119
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 27.920 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015417.D
Acq: 01 Sep 2023 15:54

Tgt Ion: 95 Resp: 5294
Ion Ratio Lower Upper
95 100
174 88.3 0.0 178.2
176 81.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015417.D

Acq: 01 Sep 2023 15:54

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-206

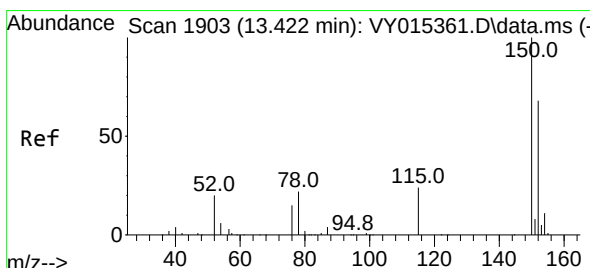
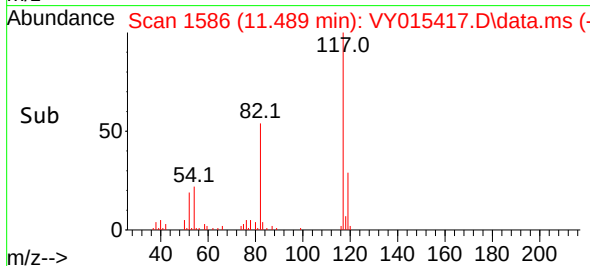
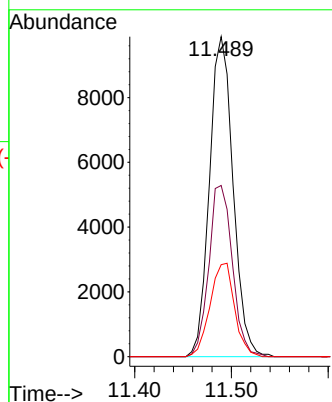
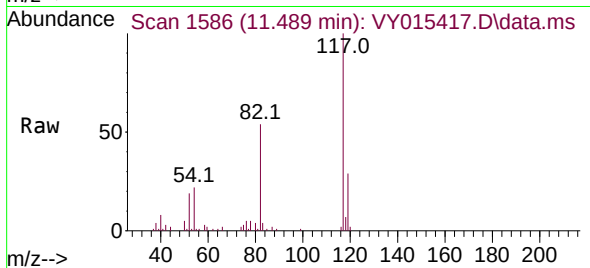
Tgt Ion:117 Resp: 16767

Ion Ratio Lower Upper

117 100

82 53.5 43.4 65.0

119 28.8 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY015417.D

Acq: 01 Sep 2023 15:54

Tgt Ion:152 Resp: 4436

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 155.3 0.0 348.8

