

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
 Data File : VY016870.D
 Acq On : 27 Dec 2023 12:15
 Operator : SY/MD
 Sample : 05933-04
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-2-NORTH-SIDE

Quant Time: Dec 27 14:26:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	106010	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	229878	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	223701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88017	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	61406	63.452	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.900%
35) Dibromofluoromethane	7.722	113	63672	48.354	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.700%
50) Toluene-d8	10.185	98	230160	48.486	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.980%
62) 4-Bromofluorobenzene	12.483	95	74528	48.393	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.780%

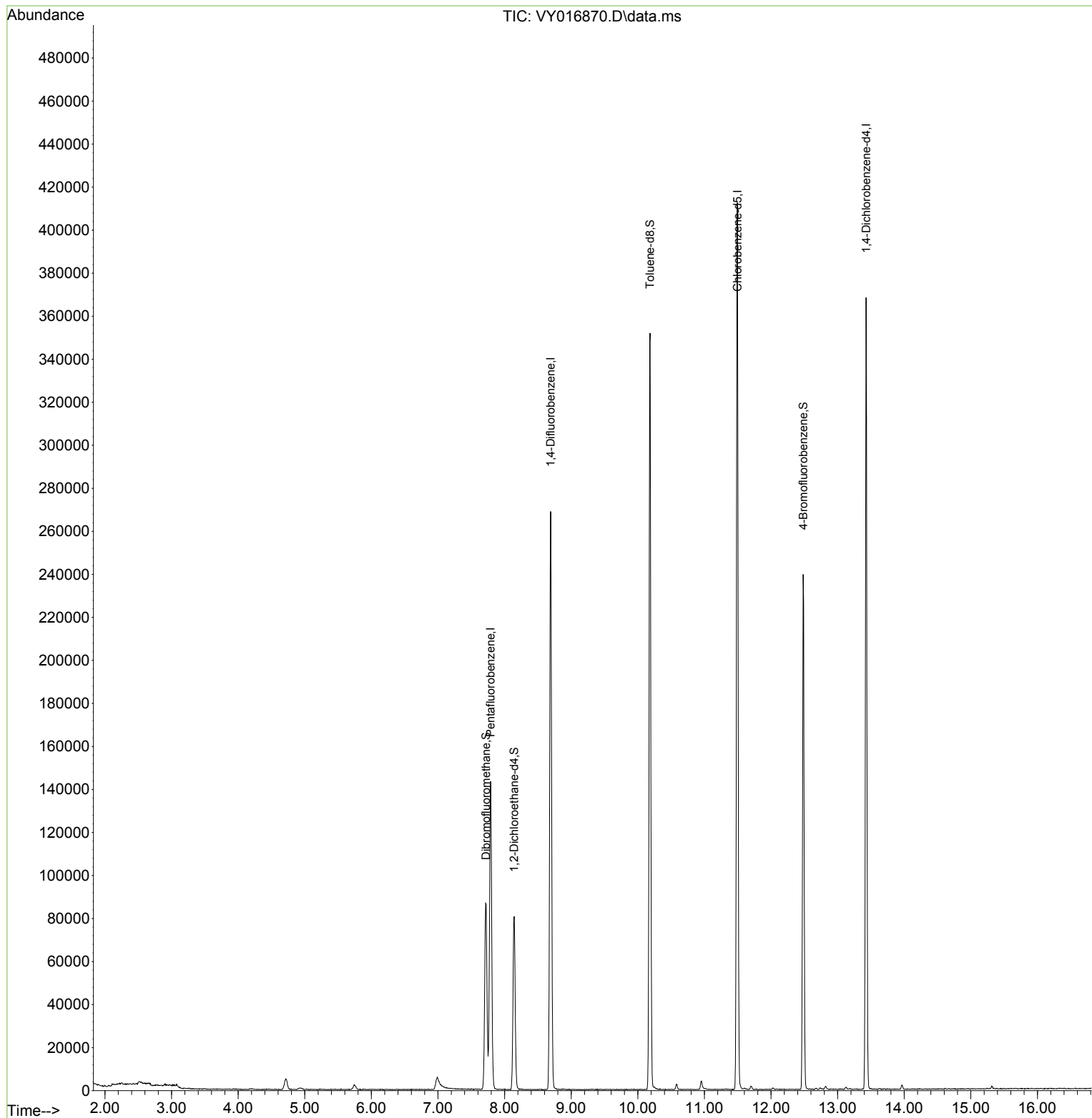
Target Compounds	Qvalue

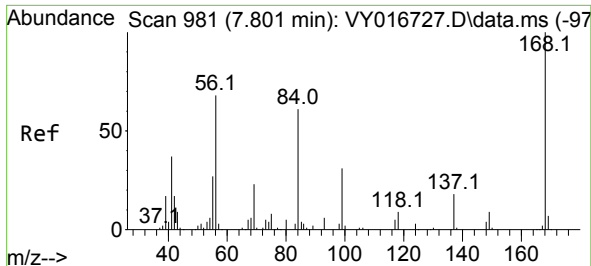
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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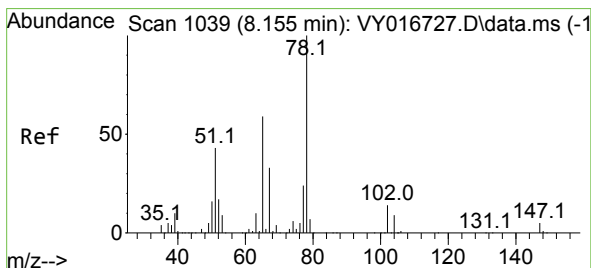
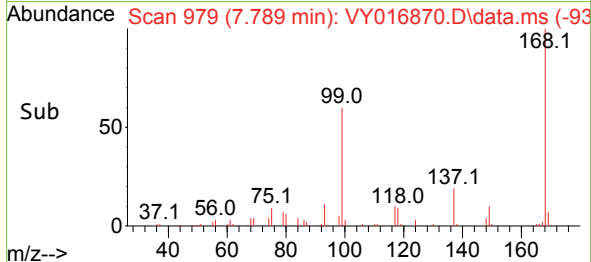
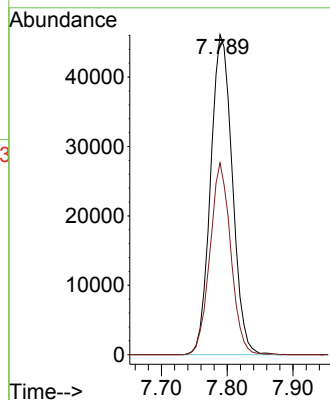
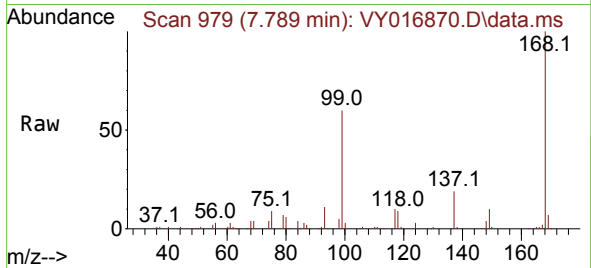




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016870.D
Acq: 27 Dec 2023 12:15

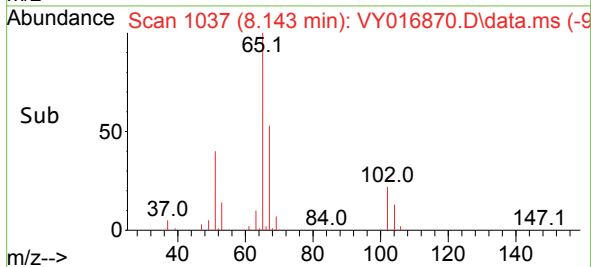
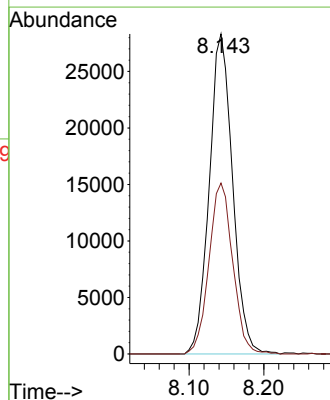
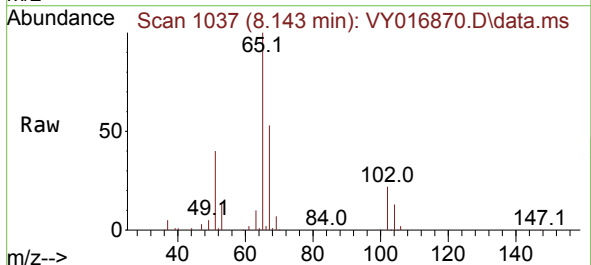
Instrument :
MSVOA_Y
ClientSampleId :
S-2-NORTH-SIDE

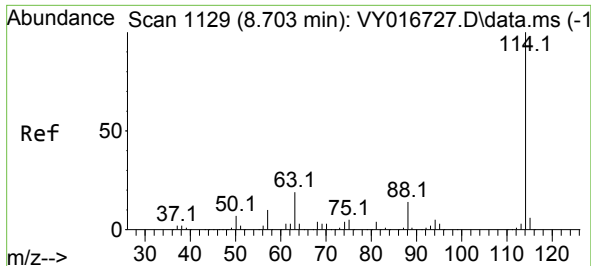
Tgt Ion:168 Resp: 106010
Ion Ratio Lower Upper
168 100
99 60.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 63.452 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY016870.D
Acq: 27 Dec 2023 12:15

Tgt Ion: 65 Resp: 61406
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VY016870.D

Acq: 27 Dec 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

S-2-NORTH-SIDE

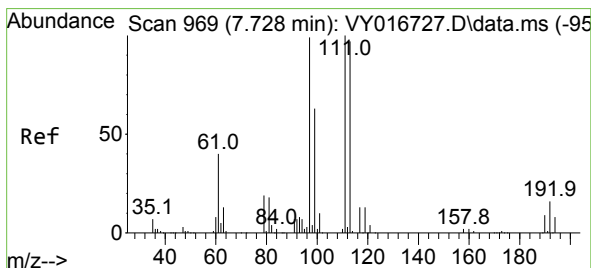
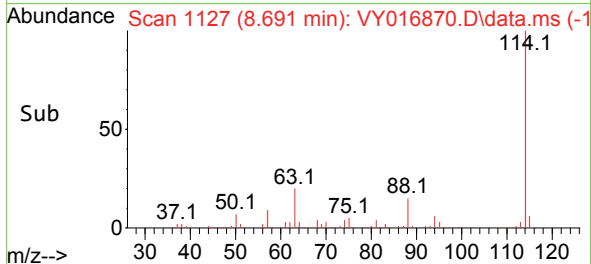
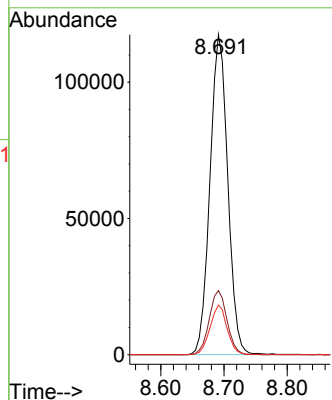
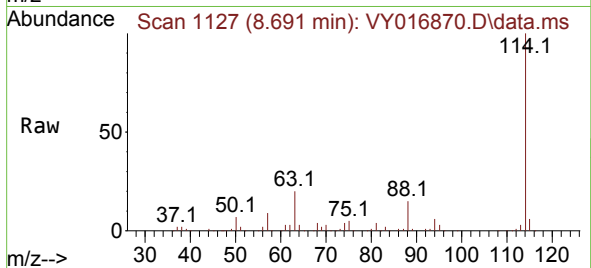
Tgt Ion:114 Resp: 229878

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 15.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 48.354 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY016870.D

Acq: 27 Dec 2023 12:15

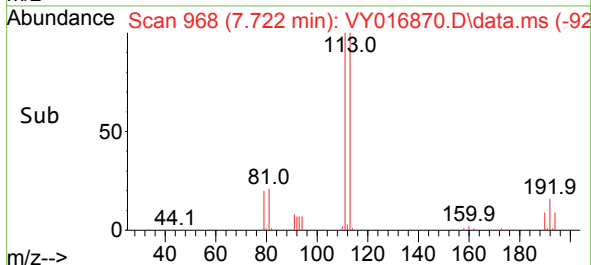
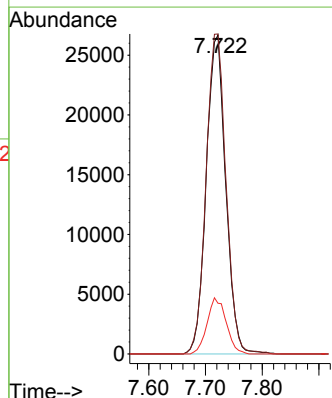
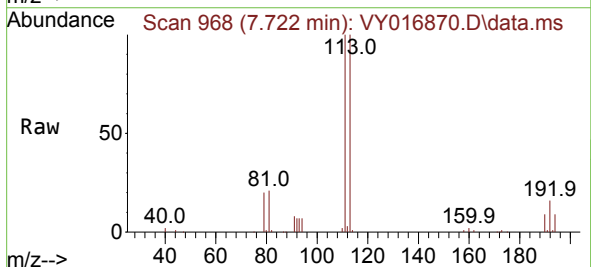
Tgt Ion:113 Resp: 63672

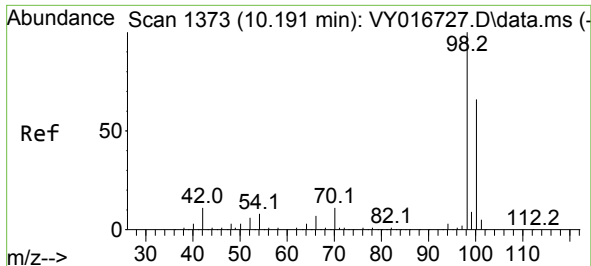
Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 17.3 14.5 21.7

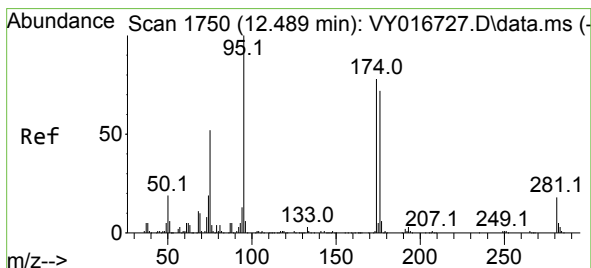
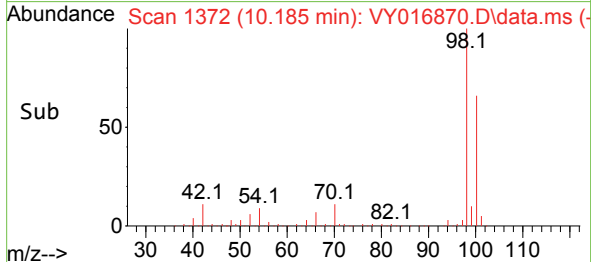
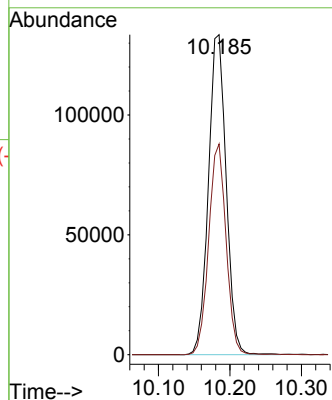
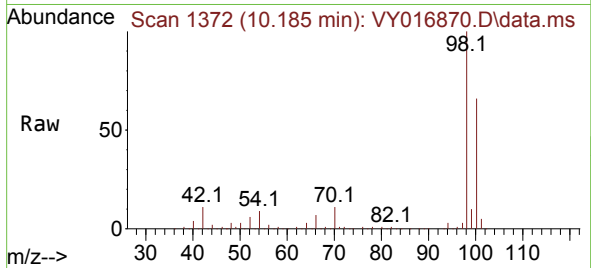




#50
Toluene-d8
Concen: 48.486 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016870.D
Acq: 27 Dec 2023 12:15

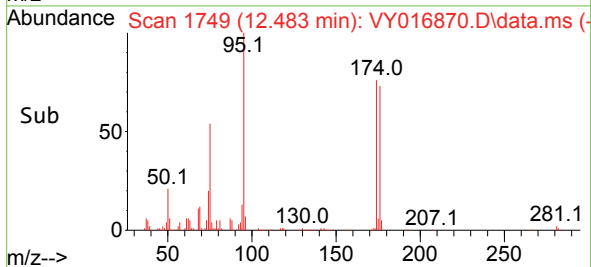
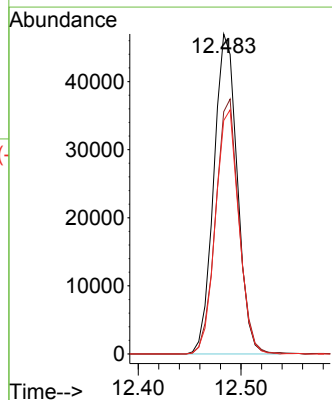
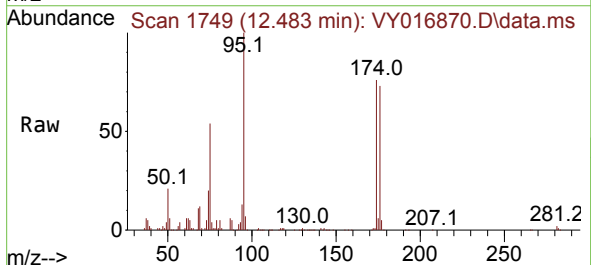
Instrument :
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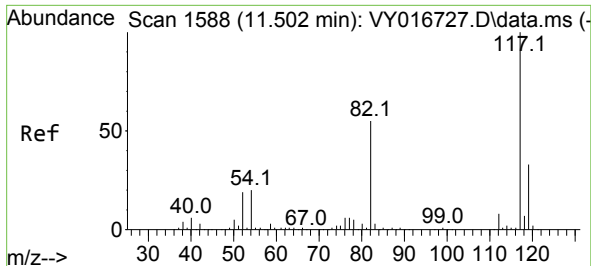
Tgt Ion: 98 Resp: 230160
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 48.393 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016870.D
Acq: 27 Dec 2023 12:15

Tgt Ion: 95 Resp: 74528
Ion Ratio Lower Upper
95 100
174 78.8 0.0 160.0
176 76.1 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: VY016870.D

Acq: 27 Dec 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

S-2-NORTH-SIDE

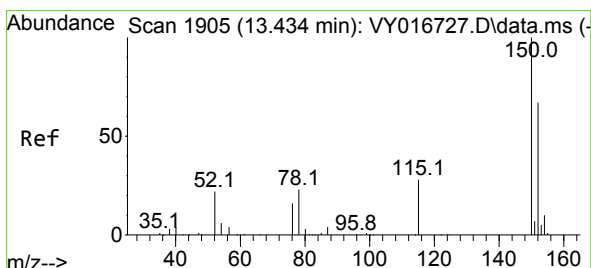
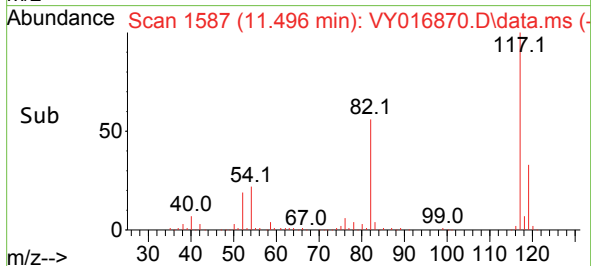
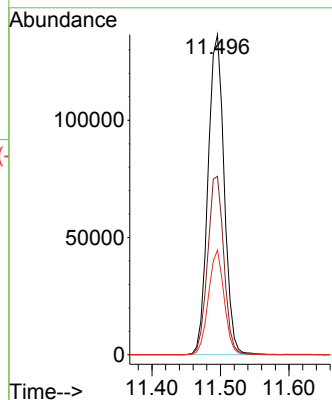
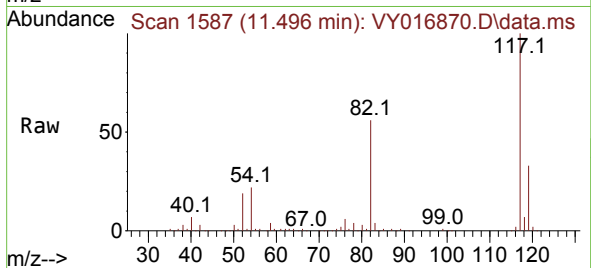
Tgt Ion:117 Resp: 223701

Ion Ratio Lower Upper

117 100

82 55.7 43.8 65.8

119 32.7 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: VY016870.D

Acq: 27 Dec 2023 12:15

Tgt Ion:152 Resp: 88017

Ion Ratio Lower Upper

152 100

115 60.6 30.0 90.0

150 157.2 0.0 344.6

