

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
 Data File : VY009723.D
 Acq On : 27 Jul 2022 14:42
 Operator : KP/MD
 Sample : N3891-04
 Misc : 6.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Jul 28 02:45:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

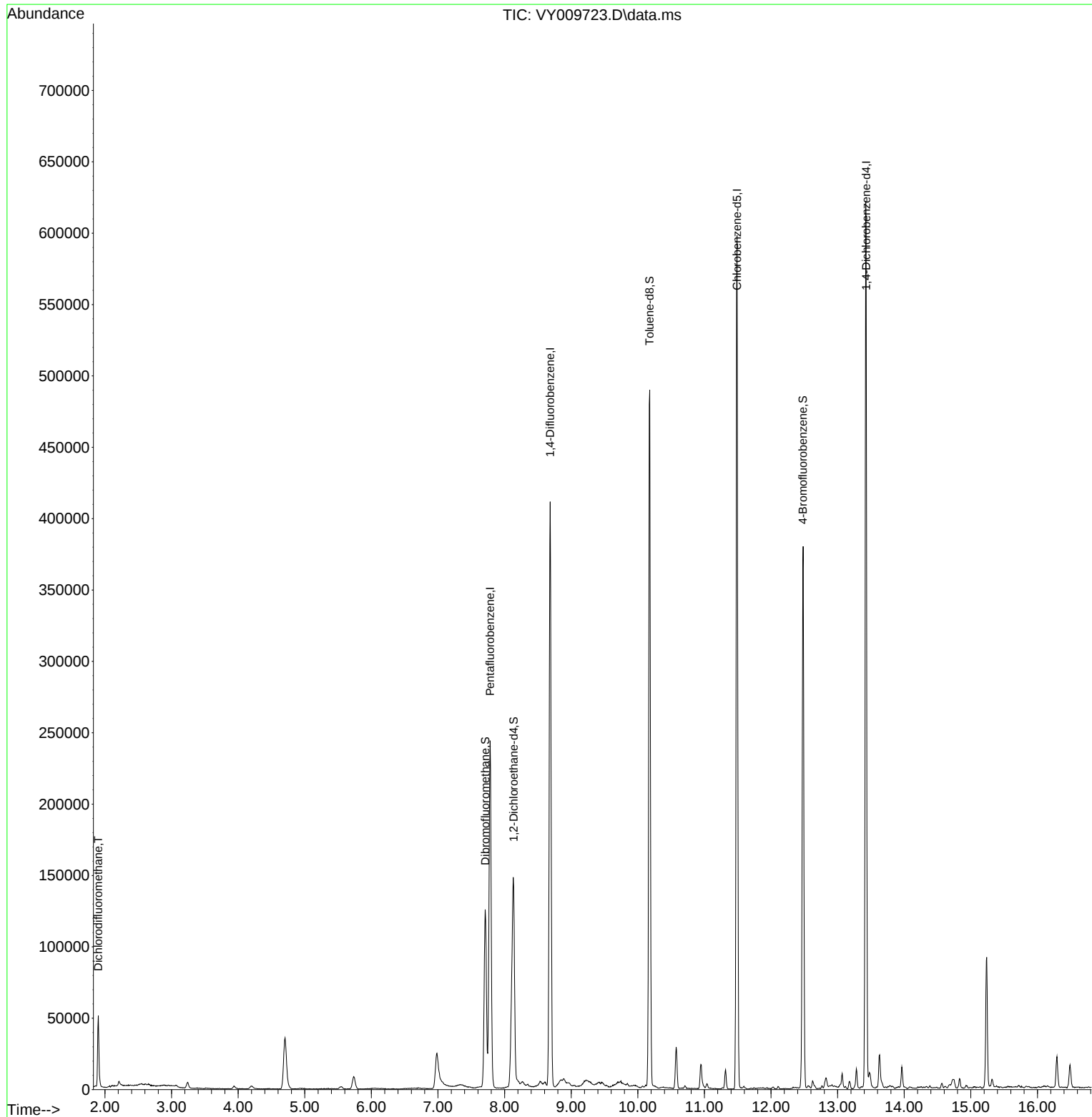
Internal Standards						
1) Pentafluorobenzene	7.783	168	200909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	363484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	338744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	167634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	91015	70.140	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.280%
35) Dibromofluoromethane	7.710	113	88223	44.627	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.260%
50) Toluene-d8	10.179	98	325248	57.094	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	114.180%
62) 4-Bromofluorobenzene	12.477	95	105849	40.380	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	80.760%
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	39167	21.898	ug/l	Qvalue 96

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

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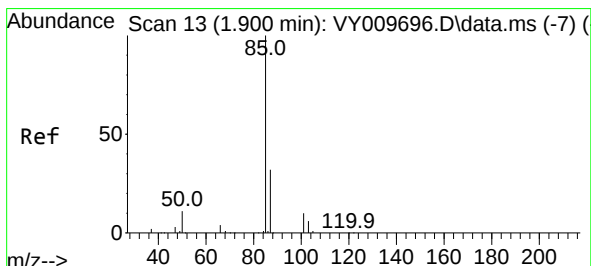
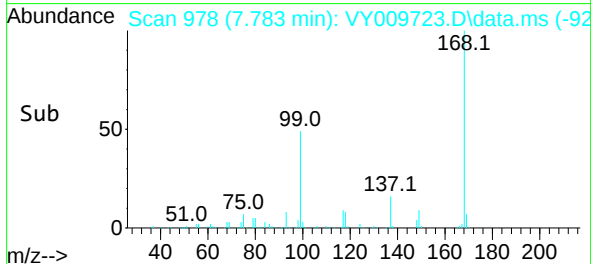
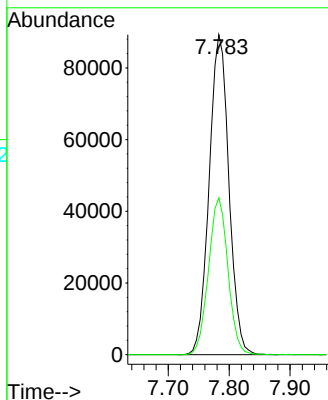
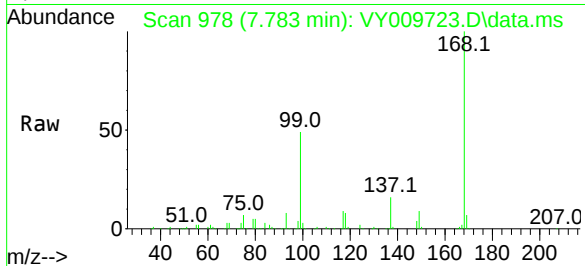




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009723.D
Acq: 27 Jul 2022 14:42

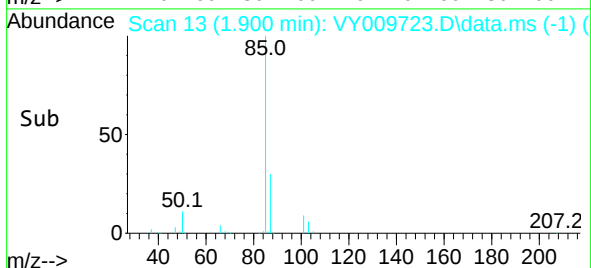
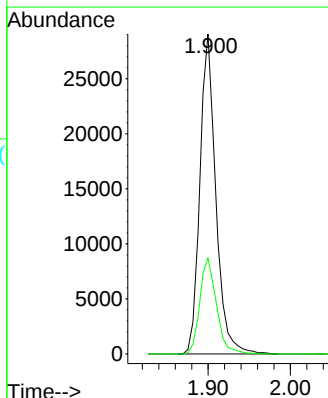
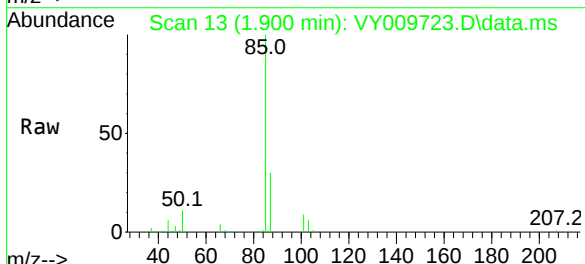
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

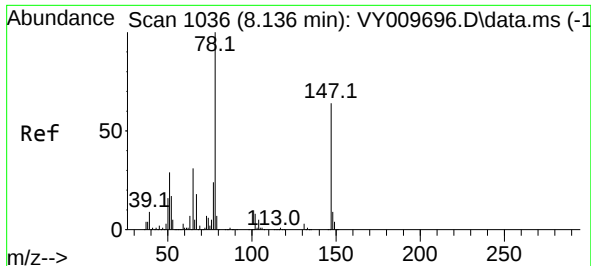
Tgt Ion:168 Resp: 200909
Ion Ratio Lower Upper
168 100
99 49.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 21.898 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009723.D
Acq: 27 Jul 2022 14:42

Tgt Ion: 85 Resp: 39167
Ion Ratio Lower Upper
85 100
87 30.0 16.1 48.2





#33

1,2-Dichloroethane-d4

Concen: 70.140 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009723.D

Acq: 27 Jul 2022 14:42

Instrument :

MSVOA_Y

ClientSampleId :

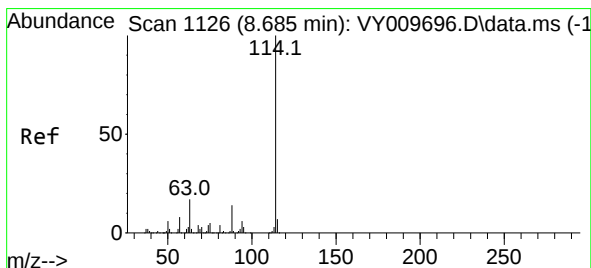
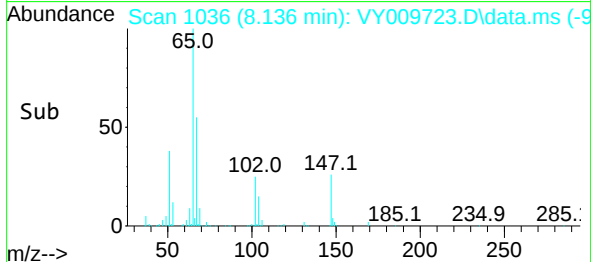
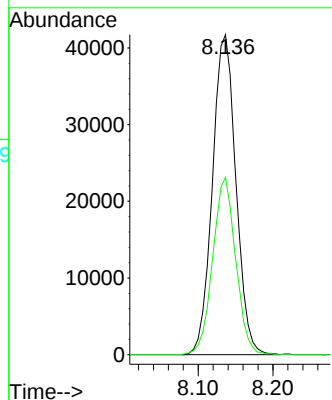
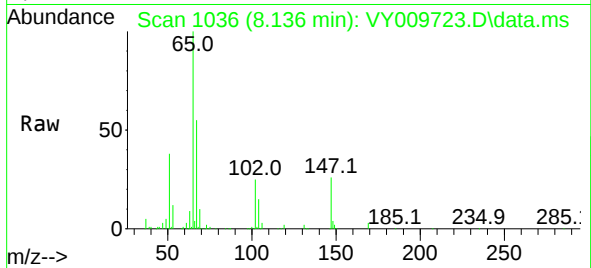
TP-1

Tgt Ion: 65 Resp: 91015

Ion Ratio Lower Upper

65 100

67 54.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009723.D

Acq: 27 Jul 2022 14:42

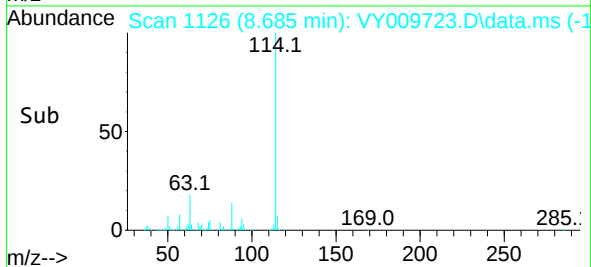
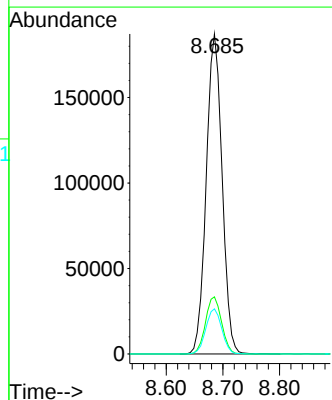
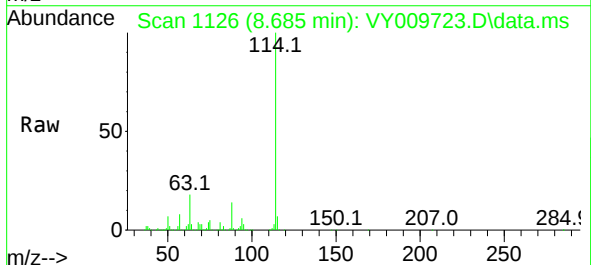
Tgt Ion: 114 Resp: 363484

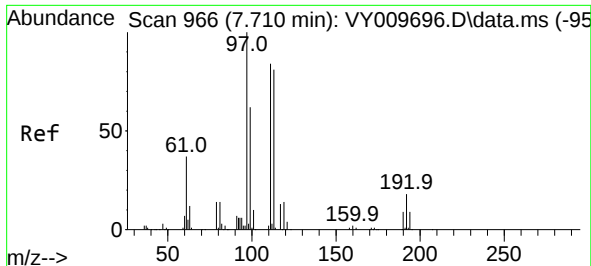
Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 14.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 44.627 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009723.D

Acq: 27 Jul 2022 14:42

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

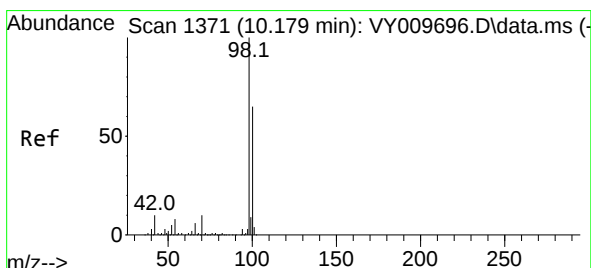
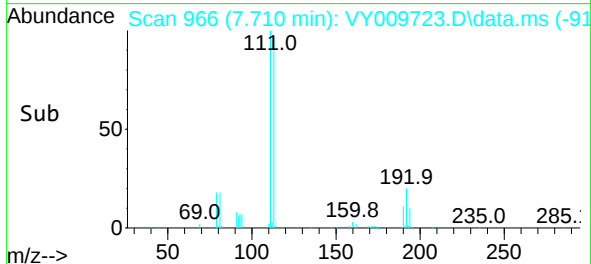
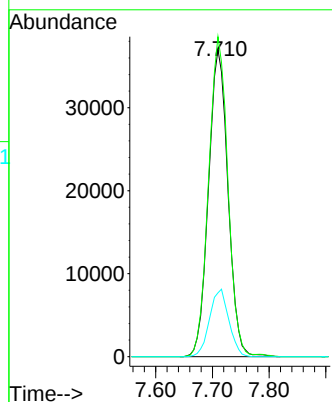
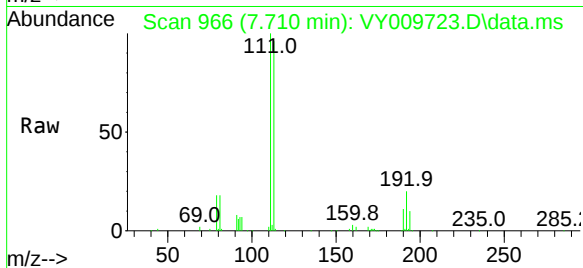
Tgt Ion:113 Resp: 88223

Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 21.8 17.6 26.4



#50

Toluene-d8

Concen: 57.094 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY009723.D

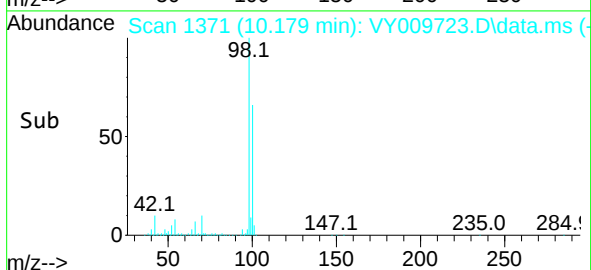
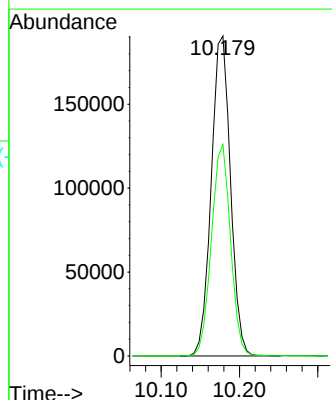
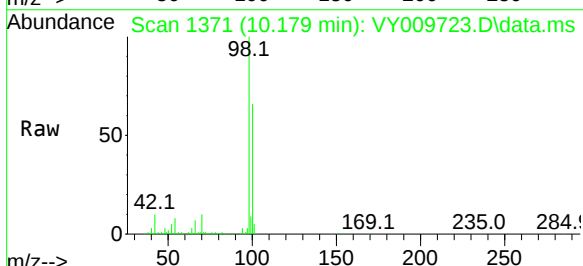
Acq: 27 Jul 2022 14:42

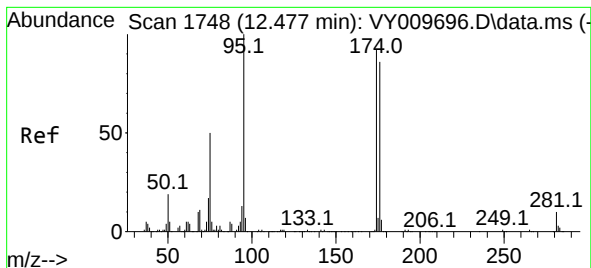
Tgt Ion: 98 Resp: 325248

Ion Ratio Lower Upper

98 100

100 65.5 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 40.380 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009723.D

Acq: 27 Jul 2022 14:42

Instrument :

MSVOA_Y

ClientSampleId :

TP-1

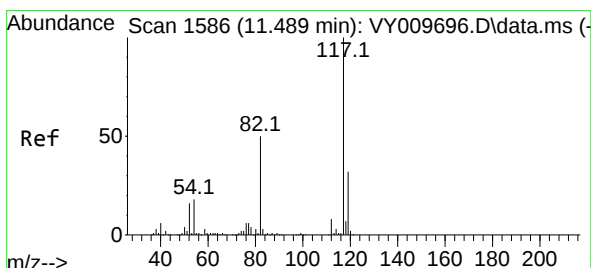
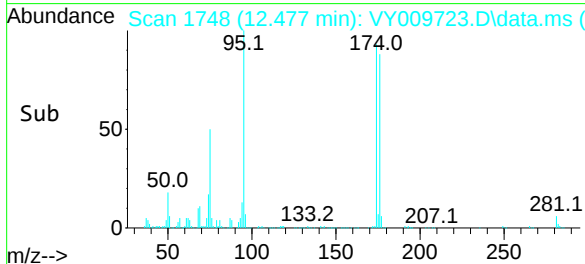
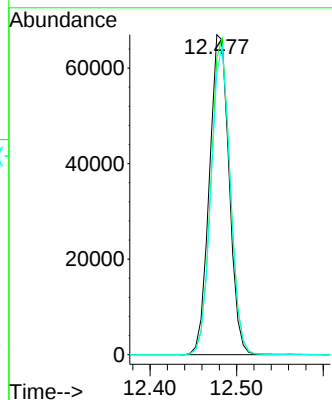
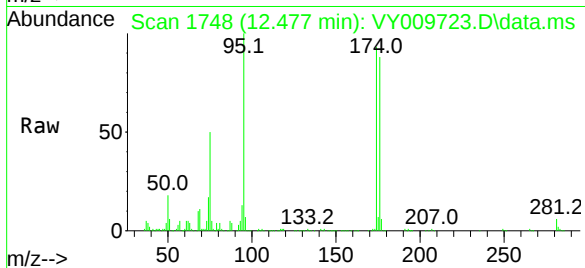
Tgt Ion: 95 Resp: 105849

Ion Ratio Lower Upper

95 100

174 96.4 0.0 177.0

176 93.6 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY009723.D

Acq: 27 Jul 2022 14:42

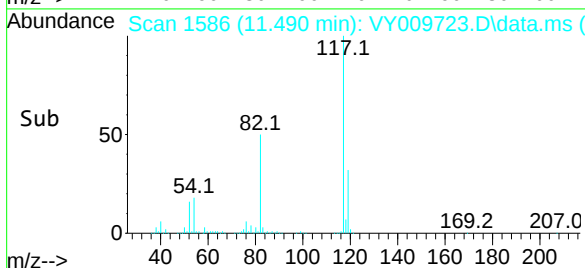
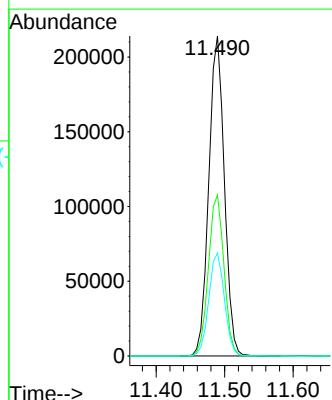
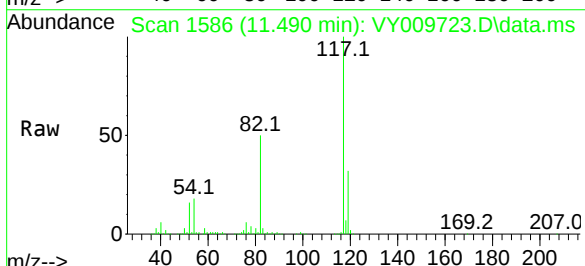
Tgt Ion: 117 Resp: 338744

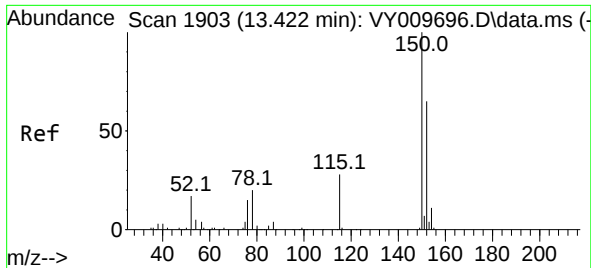
Ion Ratio Lower Upper

117 100

82 50.3 43.0 64.4

119 32.2 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY009723.D

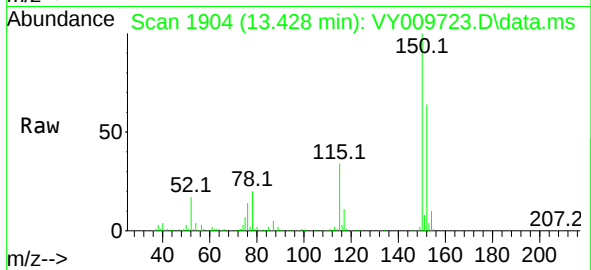
Acq: 27 Jul 2022 14:42

Instrument :

MSVOA_Y

ClientSampleId :

TP-1



Tgt Ion:152 Resp: 167634

Ion Ratio Lower Upper

152 100

115 54.8 28.2 84.7

150 157.7 0.0 347.6

