

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
 Data File : VY010062.D
 Acq On : 17 Aug 2022 12:43
 Operator : KP/MD
 Sample : N4143-01
 Misc : 4.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-21204

Quant Time: Aug 17 14:57:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	6683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	9677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	8694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	3367	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	3866	57.856	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.720%
35) Dibromofluoromethane	7.710	113	3193	50.880	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.760%
50) Toluene-d8	10.179	98	10423	44.892	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.780%
62) 4-Bromofluorobenzene	12.477	95	2958	36.273	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.540%

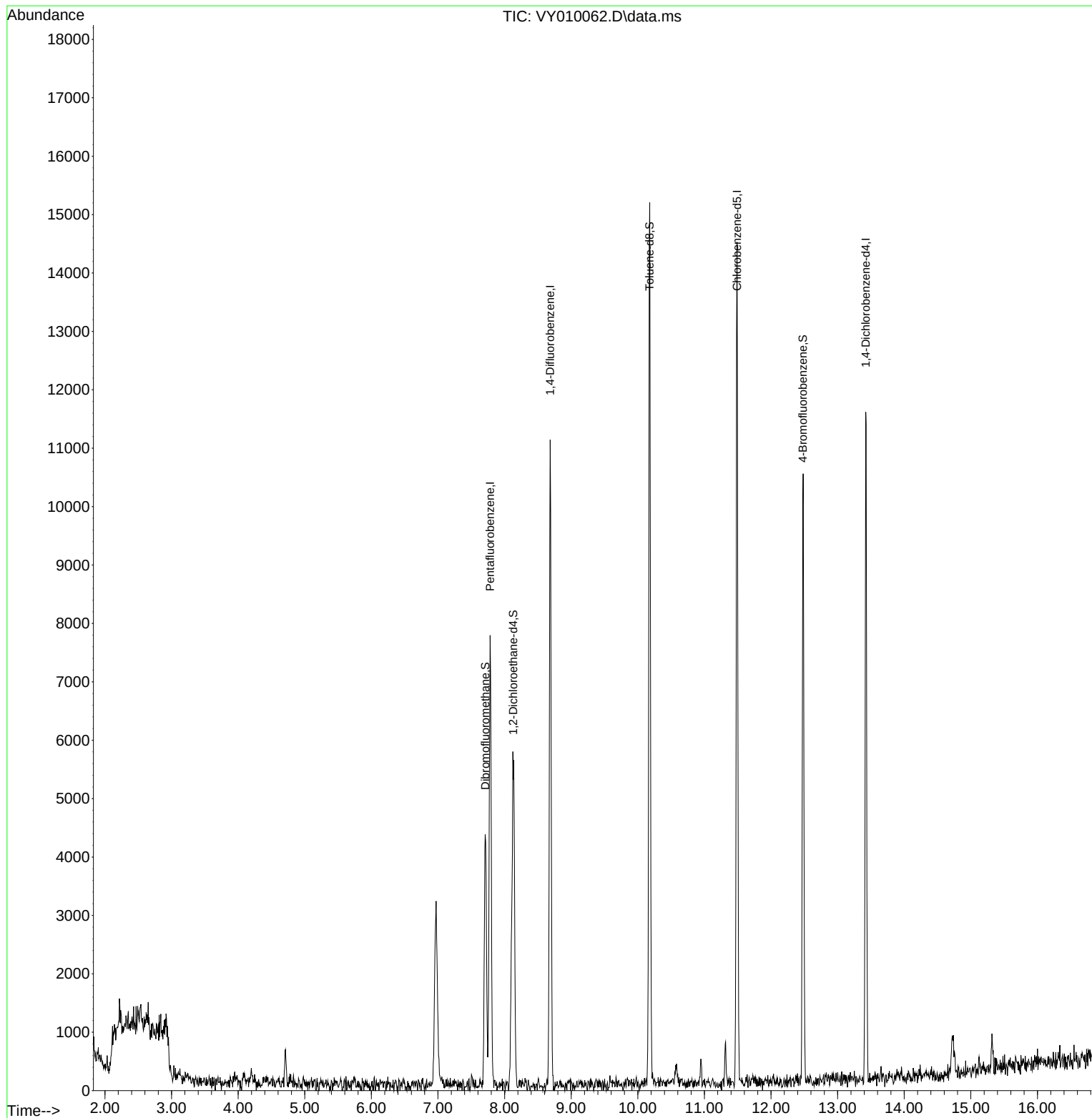
Target Compounds	Qvalue

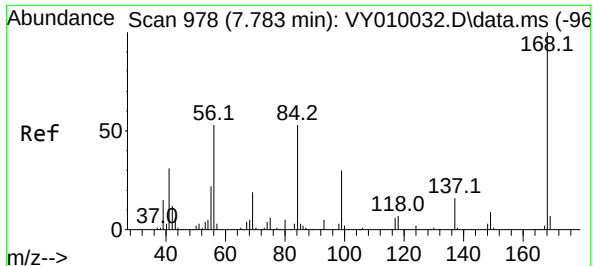
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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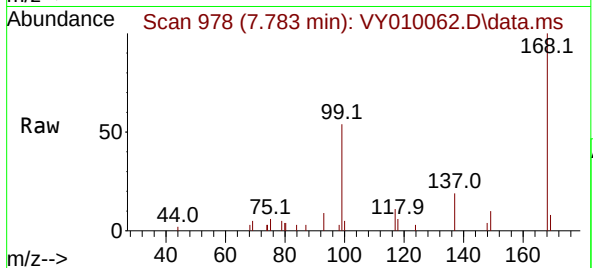
Quant Time: Aug 17 14:57:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 17 05:12:02 2022
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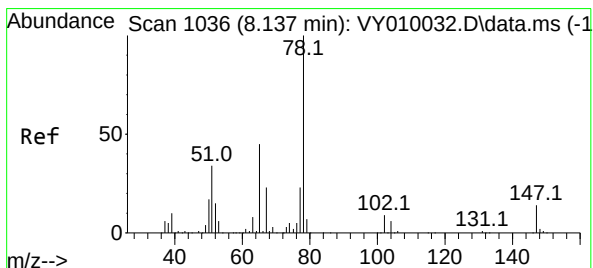
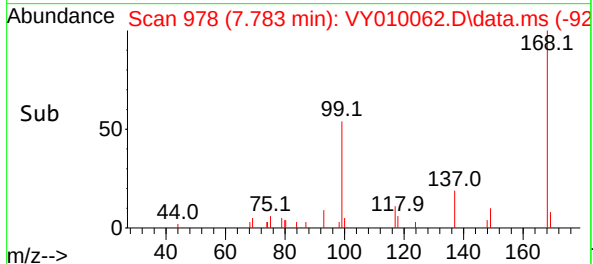
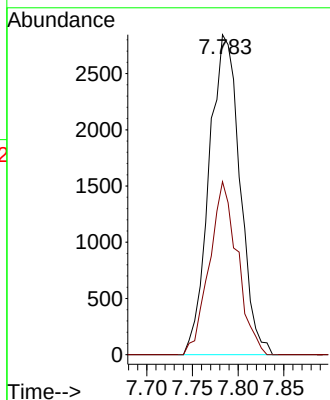


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010062.D
Acq: 17 Aug 2022 12:43

Instrument :
MSVOA_Y
ClientSampleId :
RB-21204

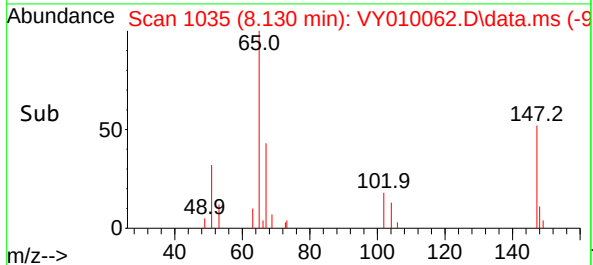
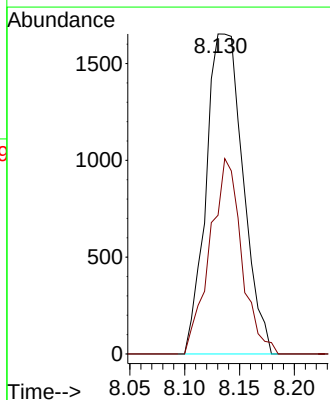
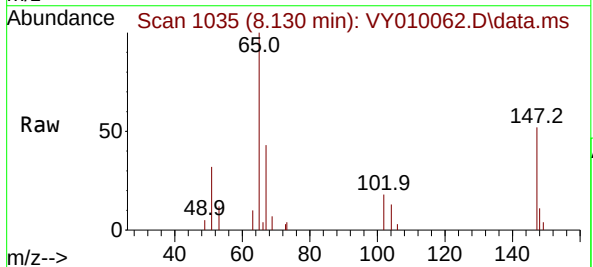


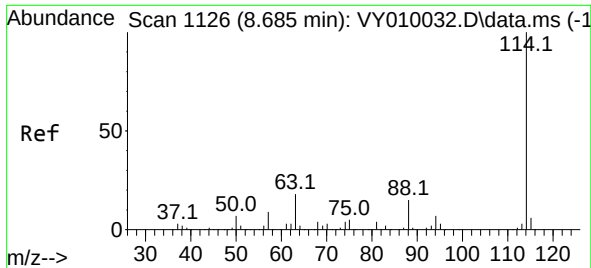
Tgt Ion:168 Resp: 6683
Ion Ratio Lower Upper
168 100
99 54.0 37.7 56.5



#33
1,2-Dichloroethane-d4
Concen: 57.856 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.007 min
Lab File: VY010062.D
Acq: 17 Aug 2022 12:43

Tgt Ion: 65 Resp: 3866
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010062.D

Acq: 17 Aug 2022 12:43

Instrument :

MSVOA_Y

ClientSampleId :

RB-21204

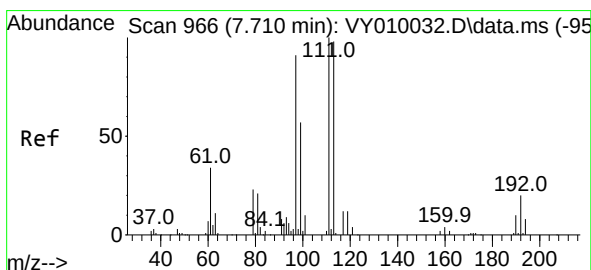
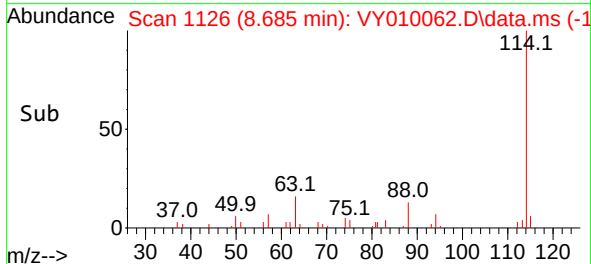
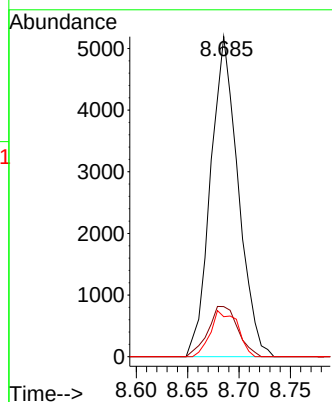
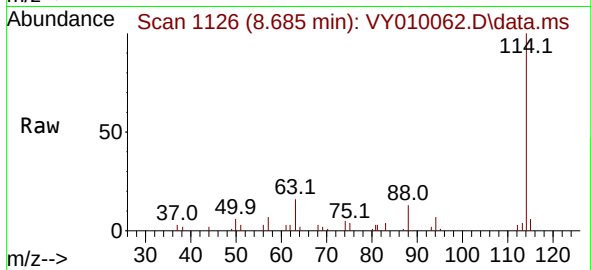
Tgt Ion:114 Resp: 9677

Ion Ratio Lower Upper

114 100

63 15.6 0.0 35.2

88 12.5 0.0 30.2



#35

Dibromofluoromethane

Concen: 50.880 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010062.D

Acq: 17 Aug 2022 12:43

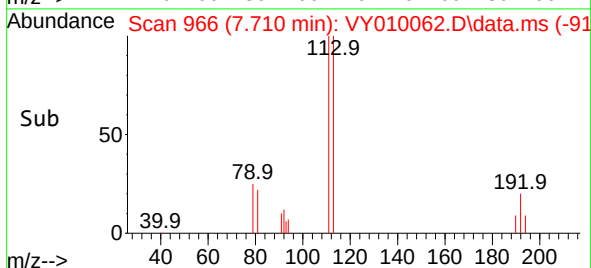
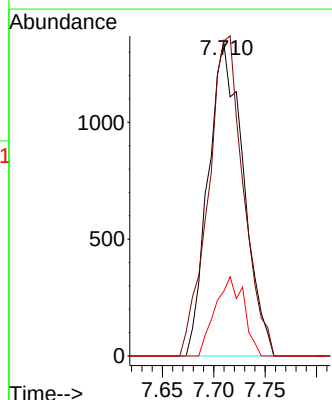
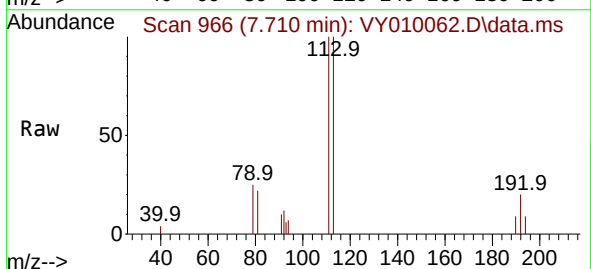
Tgt Ion:113 Resp: 3193

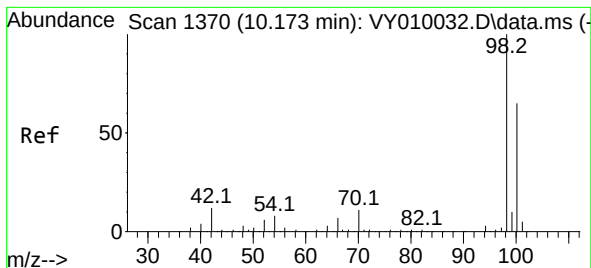
Ion Ratio Lower Upper

113 100

111 101.3 82.7 124.1

192 20.5 17.2 25.8





#50

Toluene-d8

Concen: 44.892 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010062.D

Acq: 17 Aug 2022 12:43

Instrument :

MSVOA_Y

ClientSampleId :

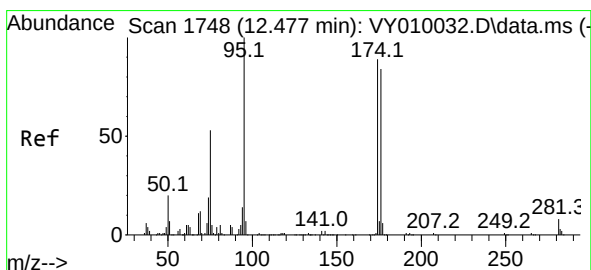
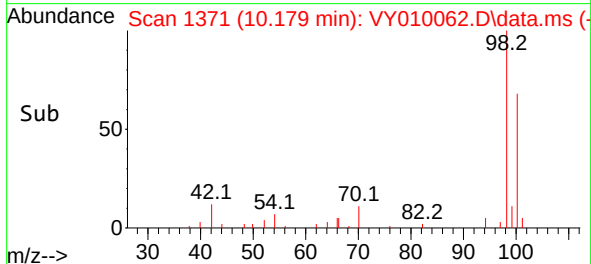
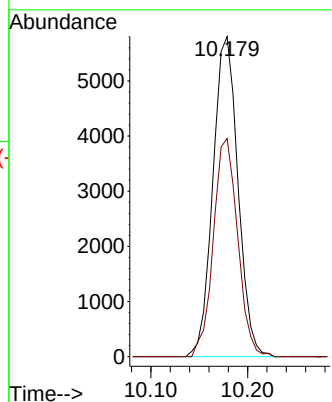
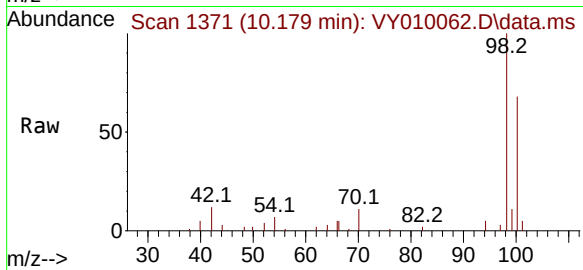
RB-21204

Tgt Ion: 98 Resp: 10423

Ion Ratio Lower Upper

98 100

100 66.2 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 36.273 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY010062.D

Acq: 17 Aug 2022 12:43

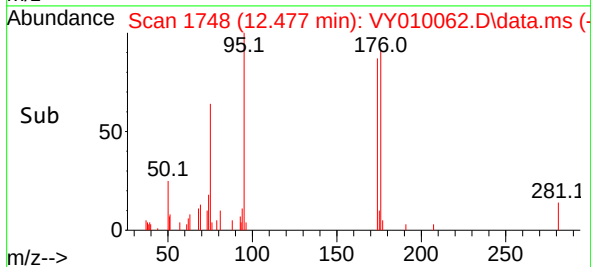
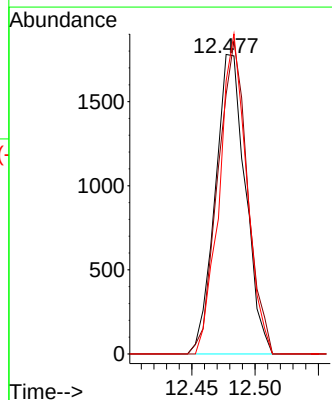
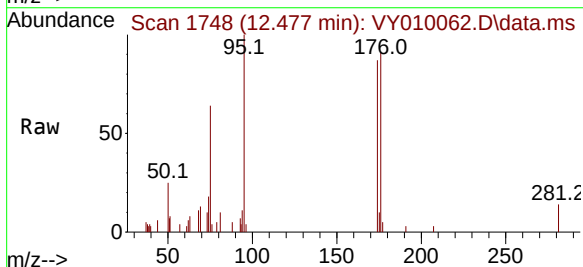
Tgt Ion: 95 Resp: 2958

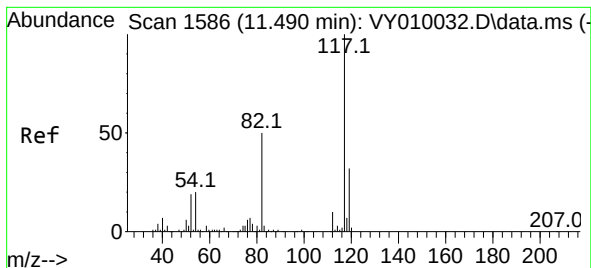
Ion Ratio Lower Upper

95 100

174 102.5 0.0 184.2

176 96.2 0.0 178.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY010062.D

Acq: 17 Aug 2022 12:43

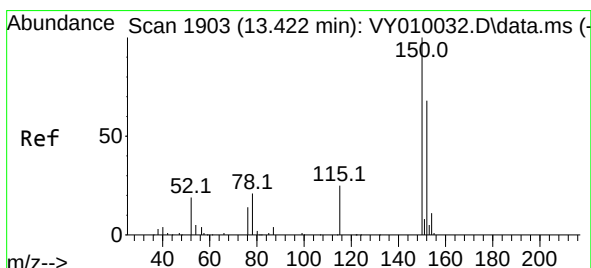
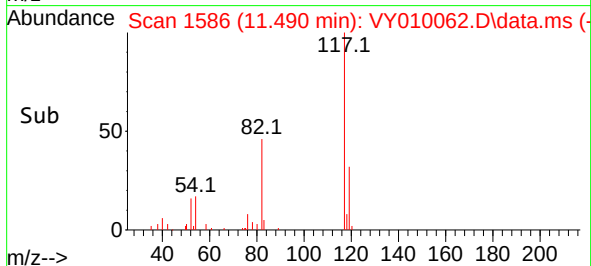
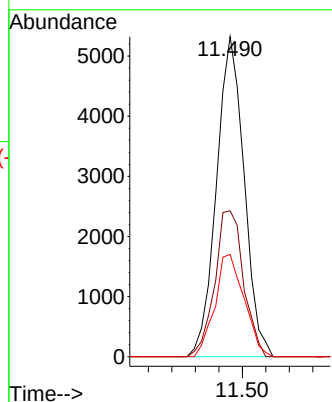
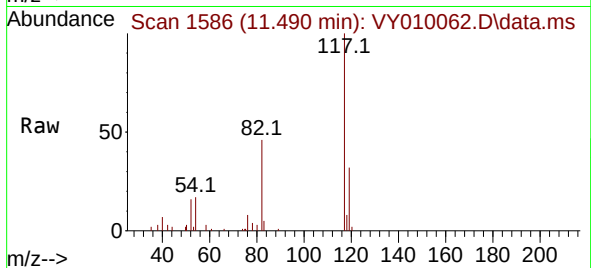
Instrument :

MSVOA_Y

ClientSampleId :

RB-21204

Tgt Ion:117	Resp:	8694
Ion	Ratio	Lower Upper
117	100	
82	45.6	39.8 59.6
119	31.9	25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010062.D

Acq: 17 Aug 2022 12:43

Tgt Ion:152	Resp:	3367
Ion	Ratio	Lower Upper
152	100	
115	55.4	28.1 84.3
150	159.6	0.0 346.6

