

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121422\
 Data File : VY011853.D
 Acq On : 14 Dec 2022 18:12
 Operator : KP/MD
 Sample : N6038-06
 Misc : 4.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-31-(6.5-8.5)

Quant Time: Dec 15 01:22:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

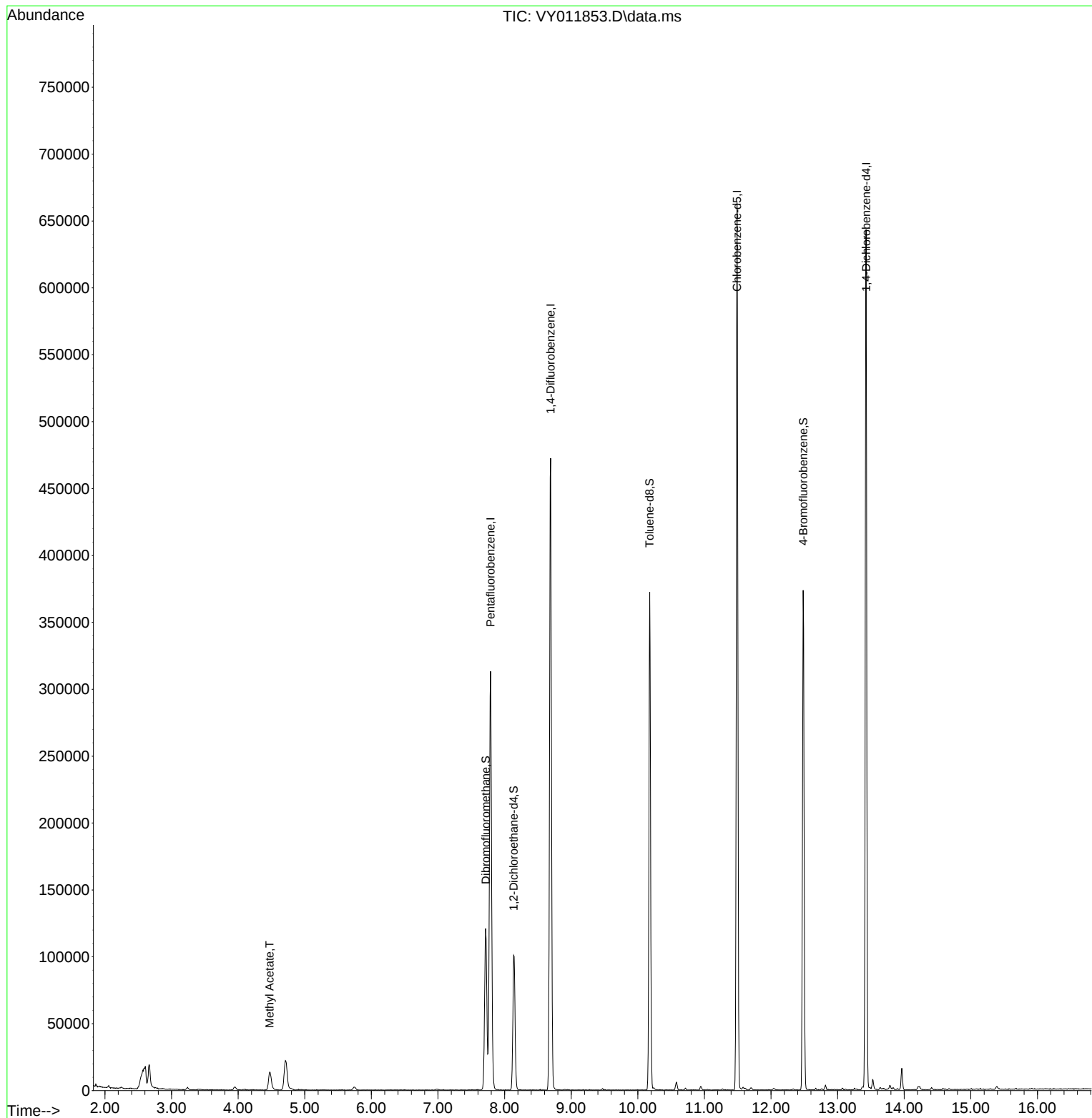
Internal Standards						
1) Pentafluorobenzene	7.789	168	242665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	405585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	360547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	166984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	83082	50.191	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.380%
35) Dibromofluoromethane	7.716	113	85184	47.042	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.080%
50) Toluene-d8	10.179	98	244014	39.971	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	79.940%
62) 4-Bromofluorobenzene	12.483	95	95982	39.895	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.780%
Target Compounds						
18) Methyl Acetate	4.472	43	26749	15.747	ug/l	Qvalue 99

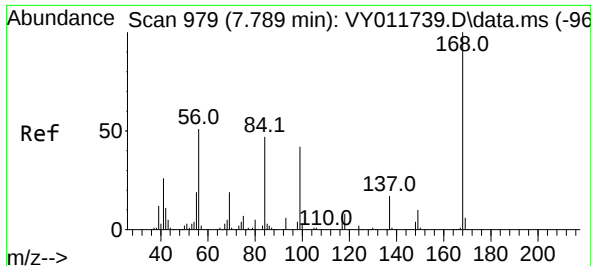
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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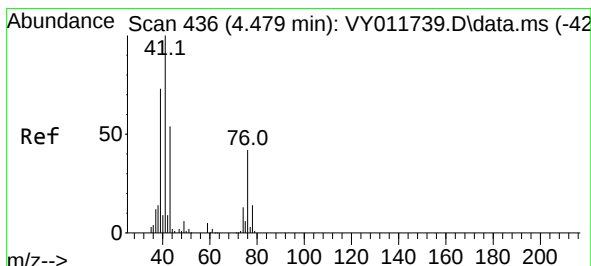
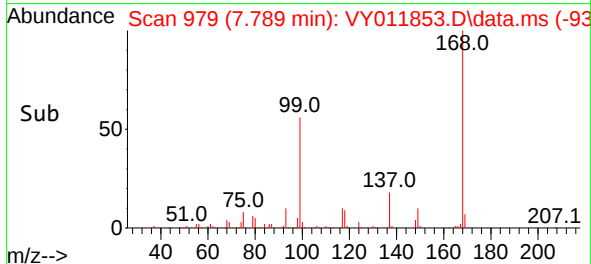
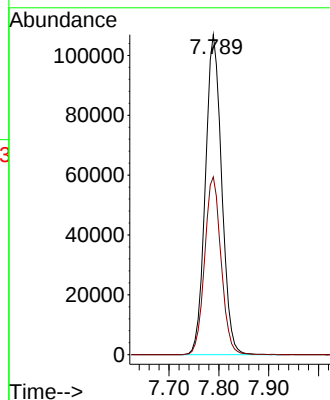
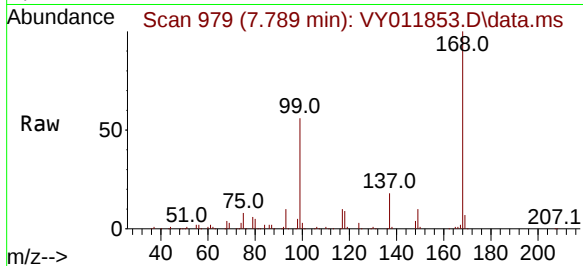




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011853.D
Acq: 14 Dec 2022 18:12

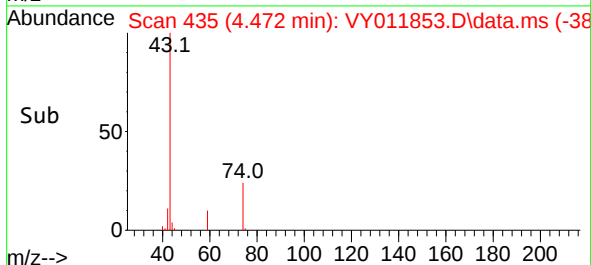
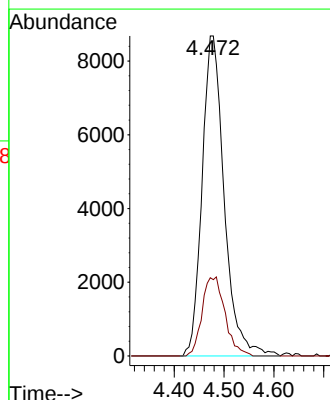
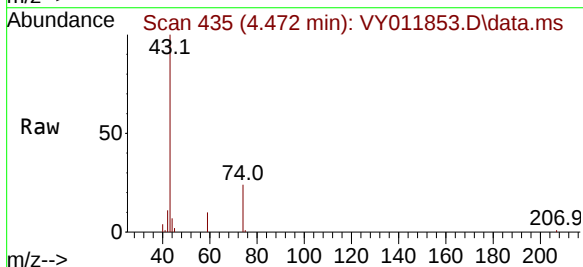
Instrument :
MSVOA_Y
ClientSampleId :
RB-31-(6.5-8.5)

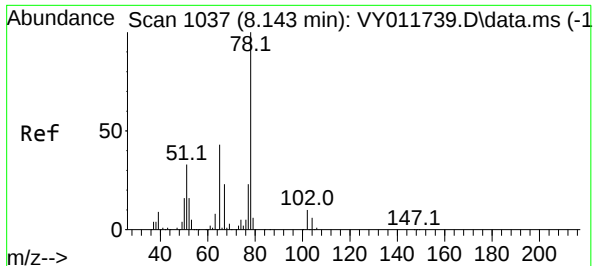
Tgt Ion:168 Resp: 242665
Ion Ratio Lower Upper
168 100
99 55.6 44.0 66.0



#18
Methyl Acetate
Concen: 15.747 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.007 min
Lab File: VY011853.D
Acq: 14 Dec 2022 18:12

Tgt Ion: 43 Resp: 26749
Ion Ratio Lower Upper
43 100
74 25.5 20.1 30.1





#33

1,2-Dichloroethane-d4

Concen: 50.191 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY011853.D

Acq: 14 Dec 2022 18:12

Instrument :

MSVOA_Y

ClientSampleId :

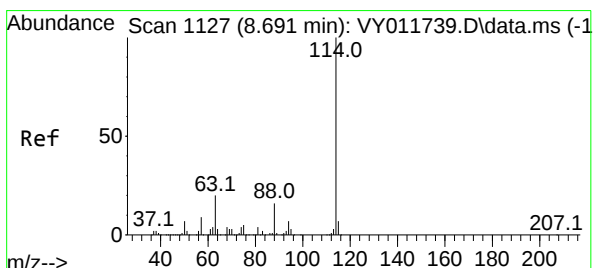
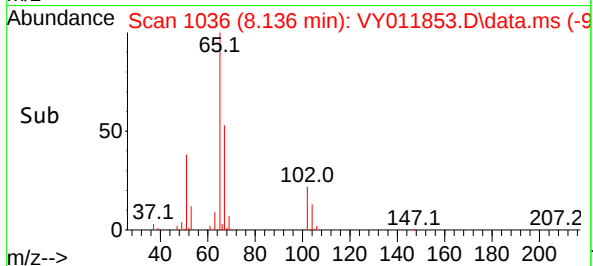
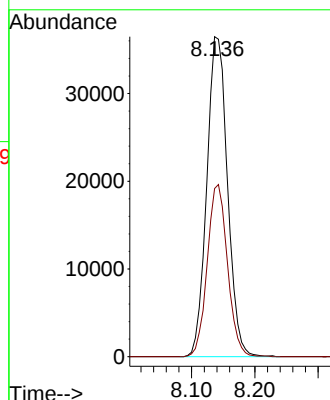
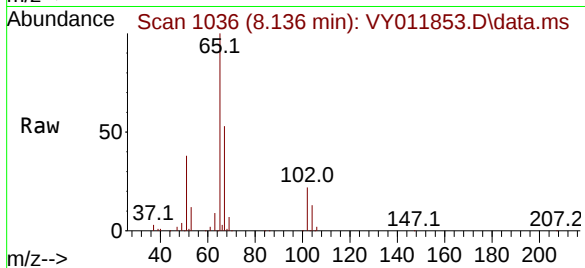
RB-31-(6.5-8.5)

Tgt Ion: 65 Resp: 83082

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011853.D

Acq: 14 Dec 2022 18:12

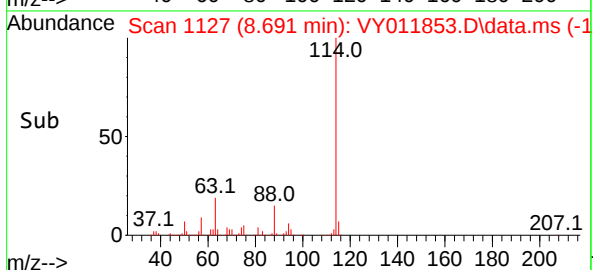
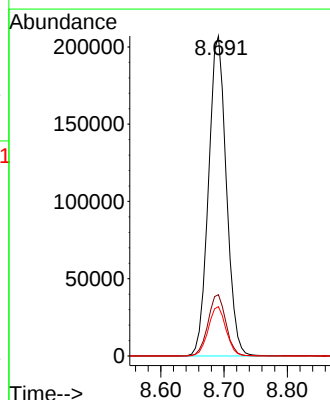
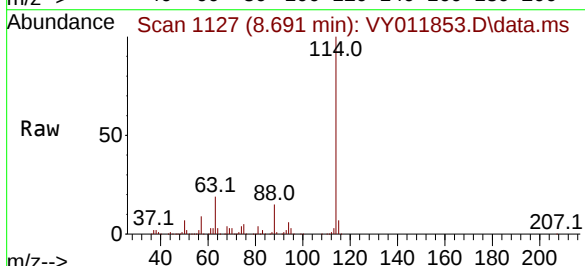
Tgt Ion: 114 Resp: 405585

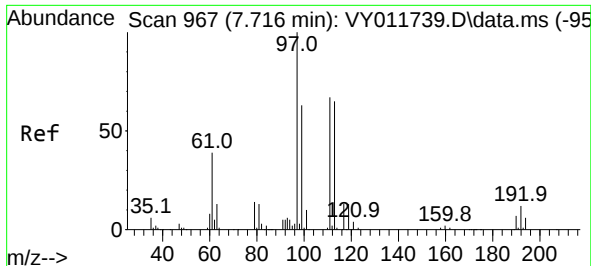
Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.6

88 15.4 0.0 32.2

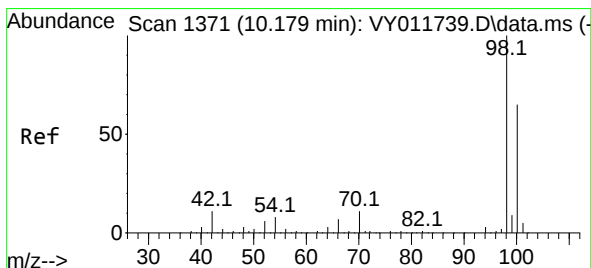
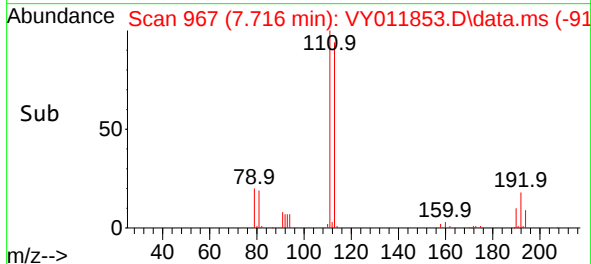
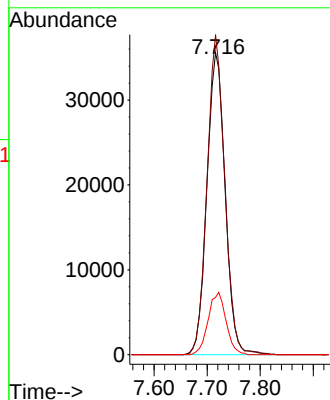
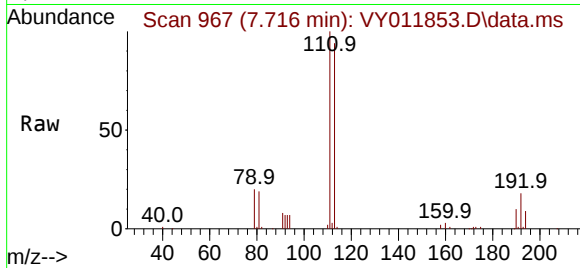




#35
Dibromofluoromethane
Concen: 47.042 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011853.D
Acq: 14 Dec 2022 18:12

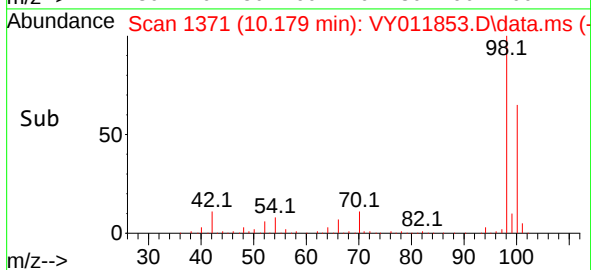
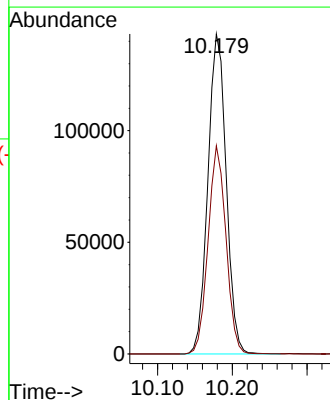
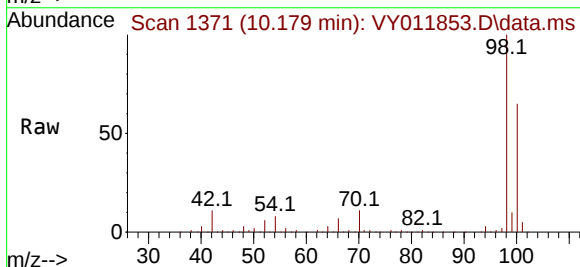
Instrument :
MSVOA_Y
ClientSampleId :
RB-31-(6.5-8.5)

Tgt Ion:113 Resp: 85184
Ion Ratio Lower Upper
113 100
111 102.7 83.0 124.4
192 20.3 16.0 24.0



#50
Toluene-d8
Concen: 39.971 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011853.D
Acq: 14 Dec 2022 18:12

Tgt Ion: 98 Resp: 244014
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 39.895 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011853.D

Acq: 14 Dec 2022 18:12

Instrument :

MSVOA_Y

ClientSampleId :

RB-31-(6.5-8.5)

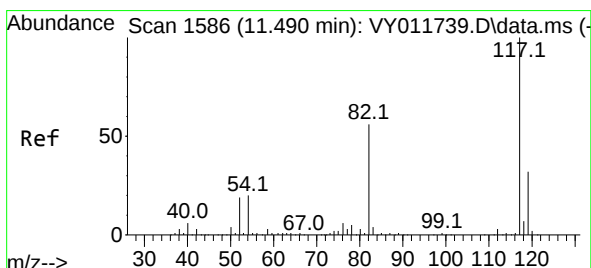
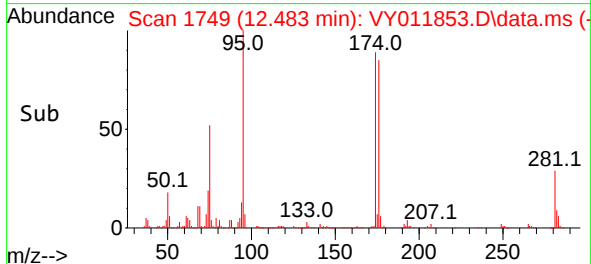
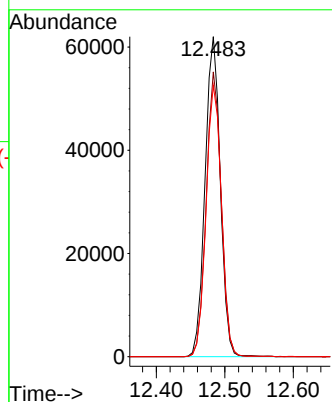
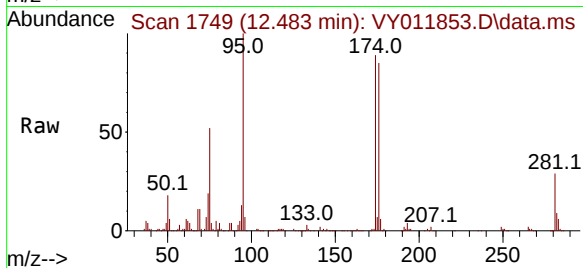
Tgt Ion: 95 Resp: 95982

Ion Ratio Lower Upper

95 100

174 88.1 0.0 172.0

176 85.5 0.0 167.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY011853.D

Acq: 14 Dec 2022 18:12

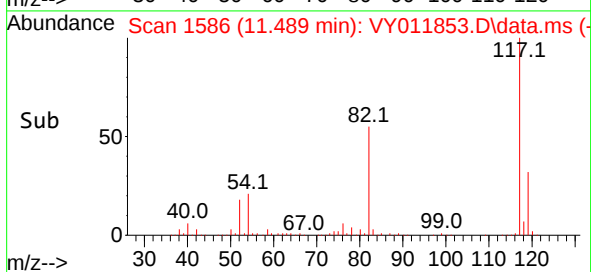
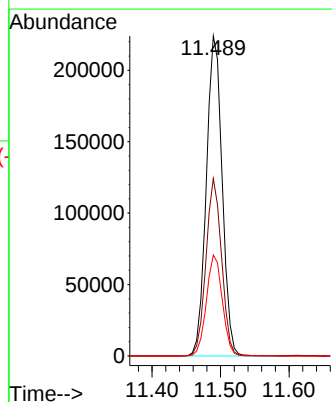
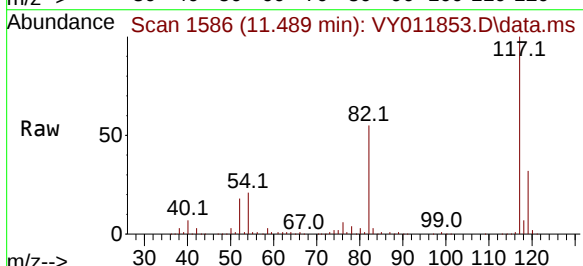
Tgt Ion: 117 Resp: 360547

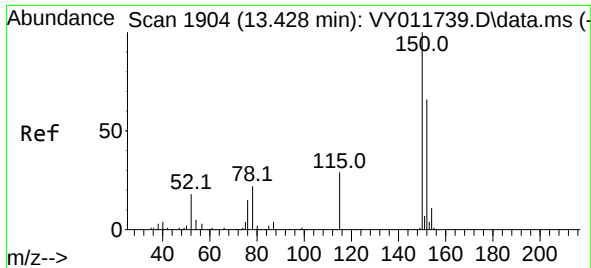
Ion Ratio Lower Upper

117 100

82 55.5 44.8 67.2

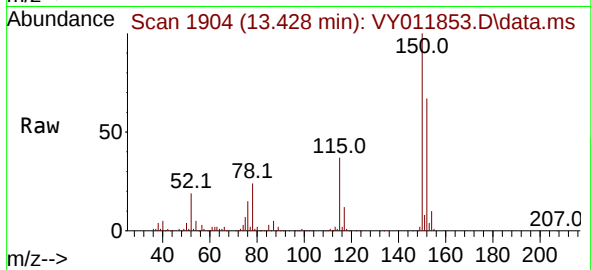
119 31.5 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY011853.D
 Acq: 14 Dec 2022 18:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-31-(6.5-8.5)



Tgt Ion:152 Resp: 166984
 Ion Ratio Lower Upper
 152 100
 115 57.8 29.1 87.3
 150 157.4 0.0 342.6

