

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030722\
 Data File : VY007765.D
 Acq On : 07 Mar 2022 18:41
 Operator : SY/MD
 Sample : N1793-15
 Misc : 5.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9

Quant Time: Mar 08 03:04:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	260441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	438256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	392895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	175210	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	168911	61.950	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.900%
35) Dibromofluoromethane	7.716	113	144604	51.609	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.220%
50) Toluene-d8	10.179	98	536457	52.013	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.020%
62) 4-Bromofluorobenzene	12.483	95	172694	51.944	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.880%

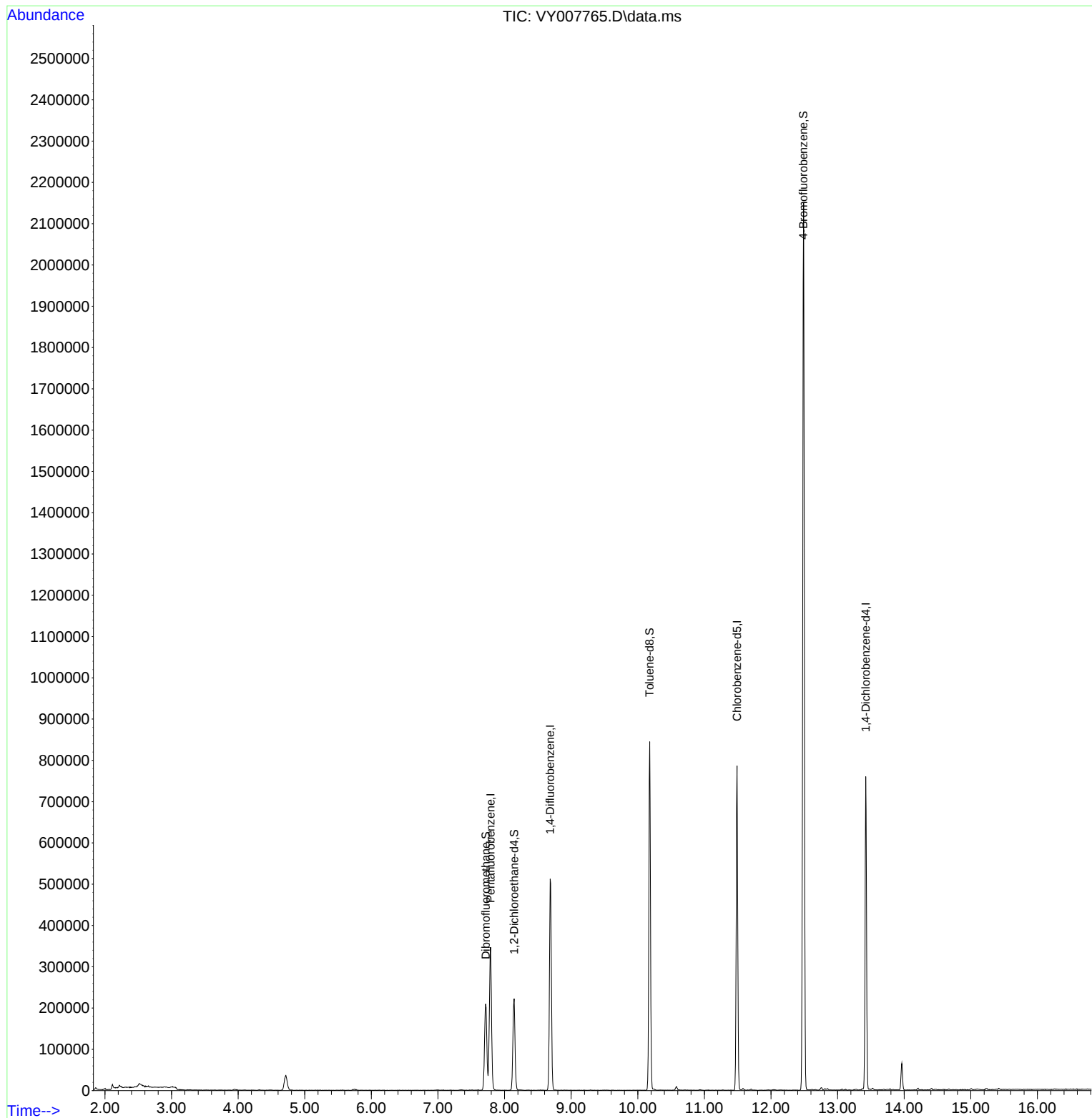
Target Compounds	Qvalue

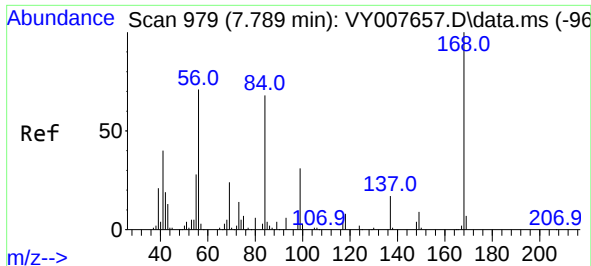
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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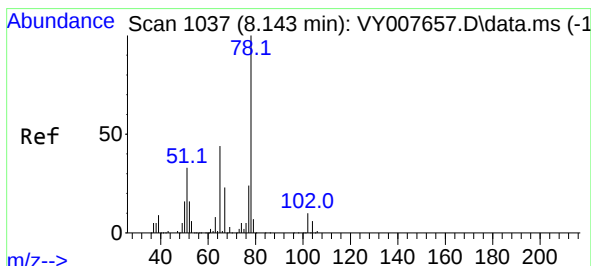
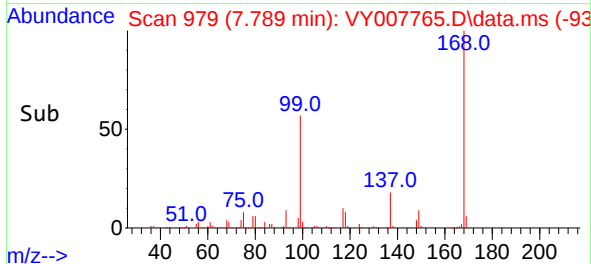
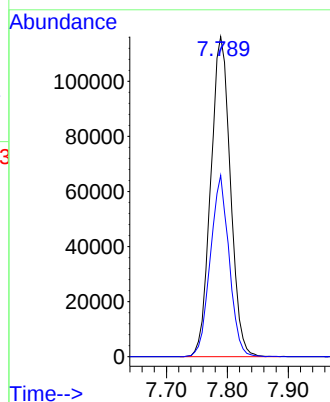
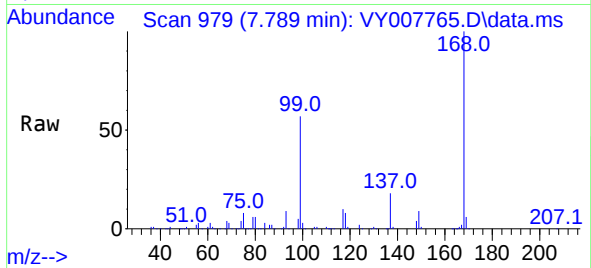




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007765.D
Acq: 07 Mar 2022 18:41

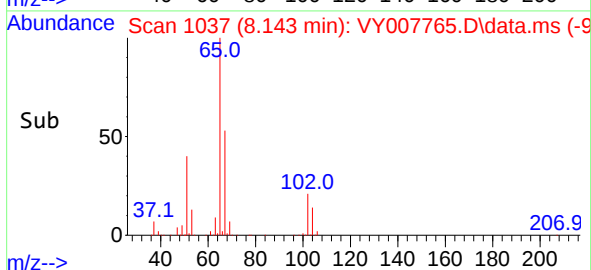
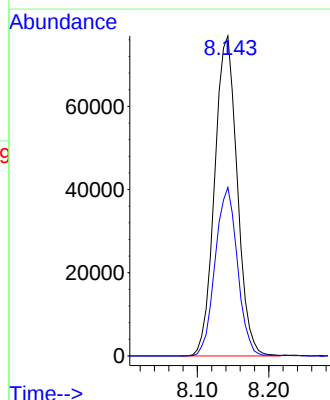
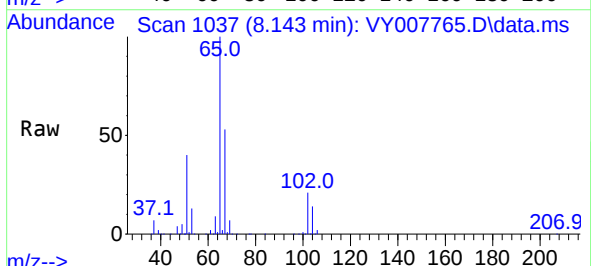
Instrument :
MSVOA_Y
ClientSampleId :
SB-9

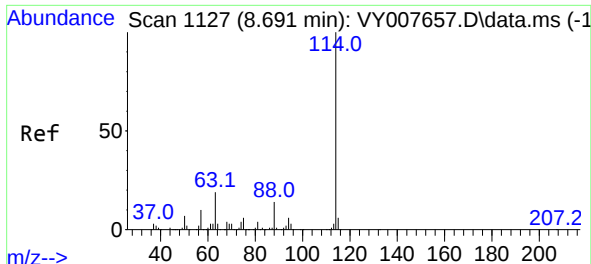
Tgt Ion:168 Resp: 260441
Ion Ratio Lower Upper
168 100
99 56.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 61.950 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007765.D
Acq: 07 Mar 2022 18:41

Tgt Ion: 65 Resp: 168911
Ion Ratio Lower Upper
65 100
67 52.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY007765.D

Acq: 07 Mar 2022 18:41

Instrument :

MSVOA_Y

ClientSampleId :

SB-9

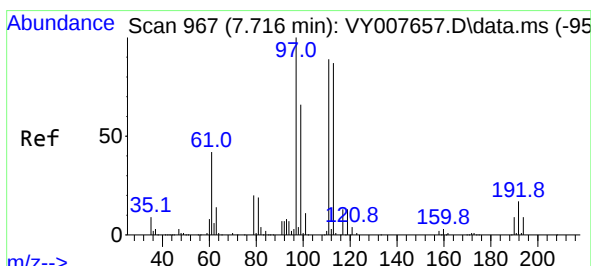
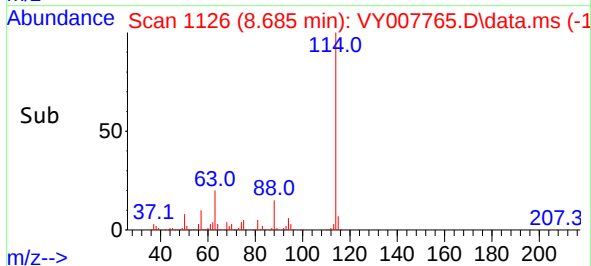
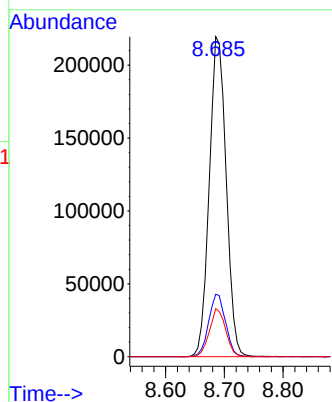
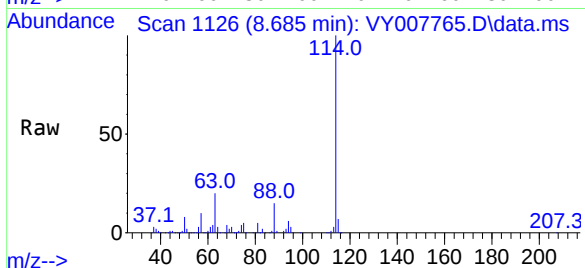
Tgt Ion:114 Resp: 438256

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.609 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007765.D

Acq: 07 Mar 2022 18:41

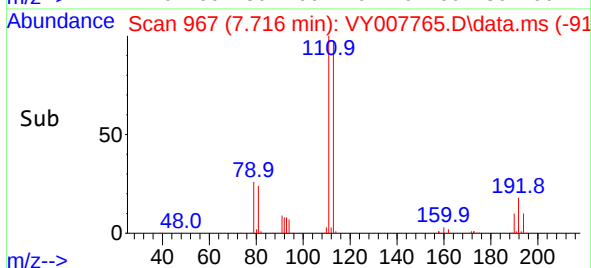
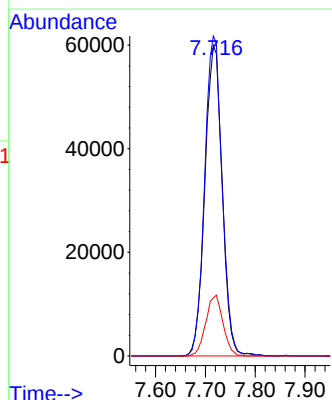
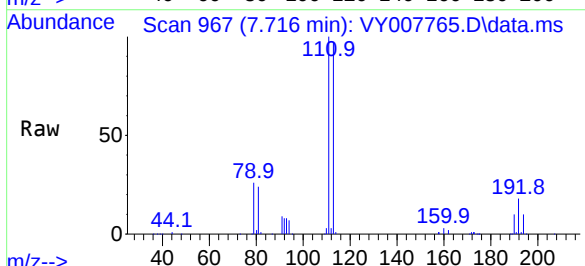
Tgt Ion:113 Resp: 144604

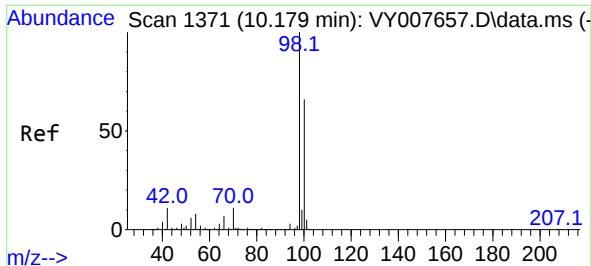
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 19.4 17.6 26.4

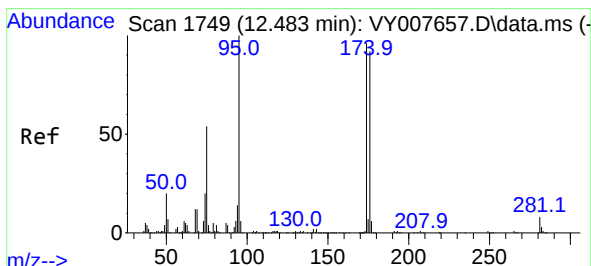
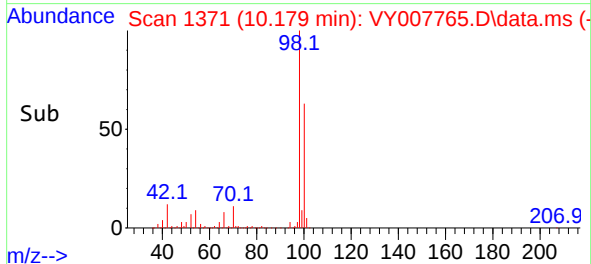
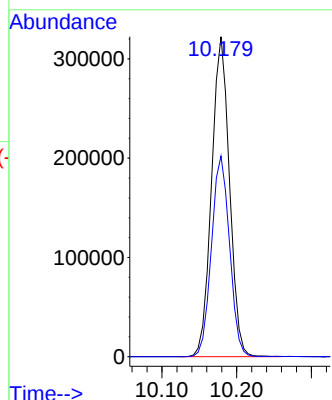
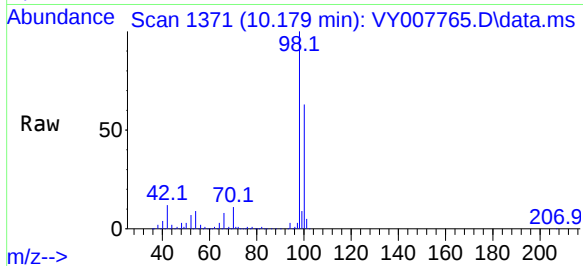




#50
Toluene-d8
Concen: 52.013 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007765.D
Acq: 07 Mar 2022 18:41

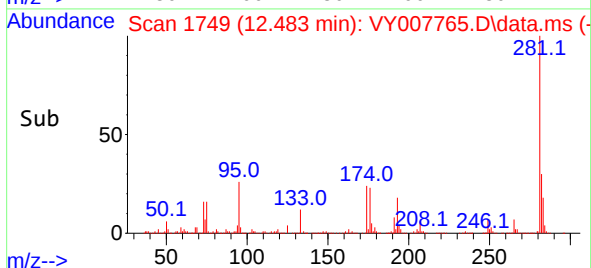
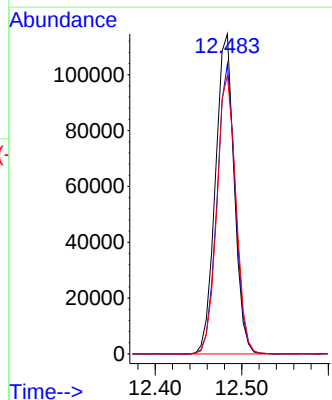
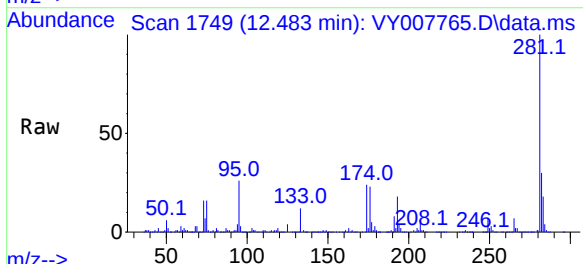
Instrument :
MSVOA_Y
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SB-9

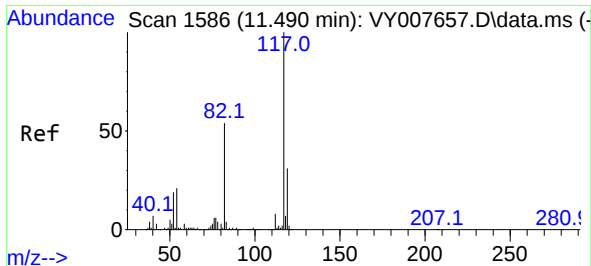
Tgt Ion: 98 Resp: 536457
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.944 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007765.D
Acq: 07 Mar 2022 18:41

Tgt Ion: 95 Resp: 172694
Ion Ratio Lower Upper
95 100
174 88.3 0.0 177.0
176 88.0 0.0 175.8

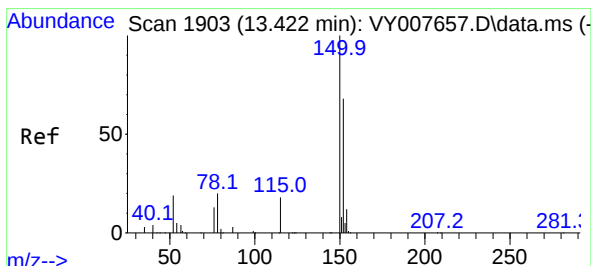
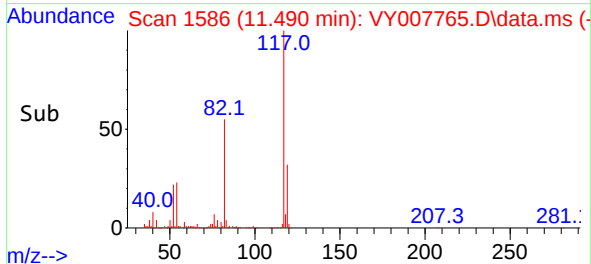
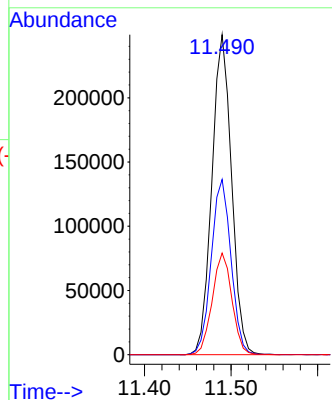
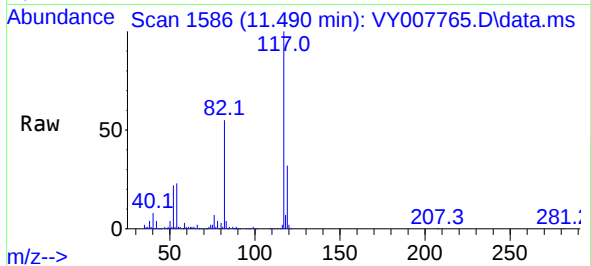




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007765.D
Acq: 07 Mar 2022 18:41

Instrument :
MSVOA_Y
ClientSampleId :
SB-9

Tgt Ion:117 Resp: 392895
Ion Ratio Lower Upper
117 100
82 54.7 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007765.D
Acq: 07 Mar 2022 18:41

Tgt Ion:152 Resp: 175210
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.7
150 158.7 0.0 347.6

