

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082422\
 Data File : VY010193.D
 Acq On : 24 Aug 2022 12:55
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Aug 25 02:32:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082422S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 25 02:30:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	216746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	389989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	383136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	179449	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	98718	54.639	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.280%
35) Dibromofluoromethane	7.710	113	95710	38.091	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.180%
50) Toluene-d8	10.179	98	361555	41.900	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	83.800%
62) 4-Bromofluorobenzene	12.483	95	116986	34.910	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	69.820%

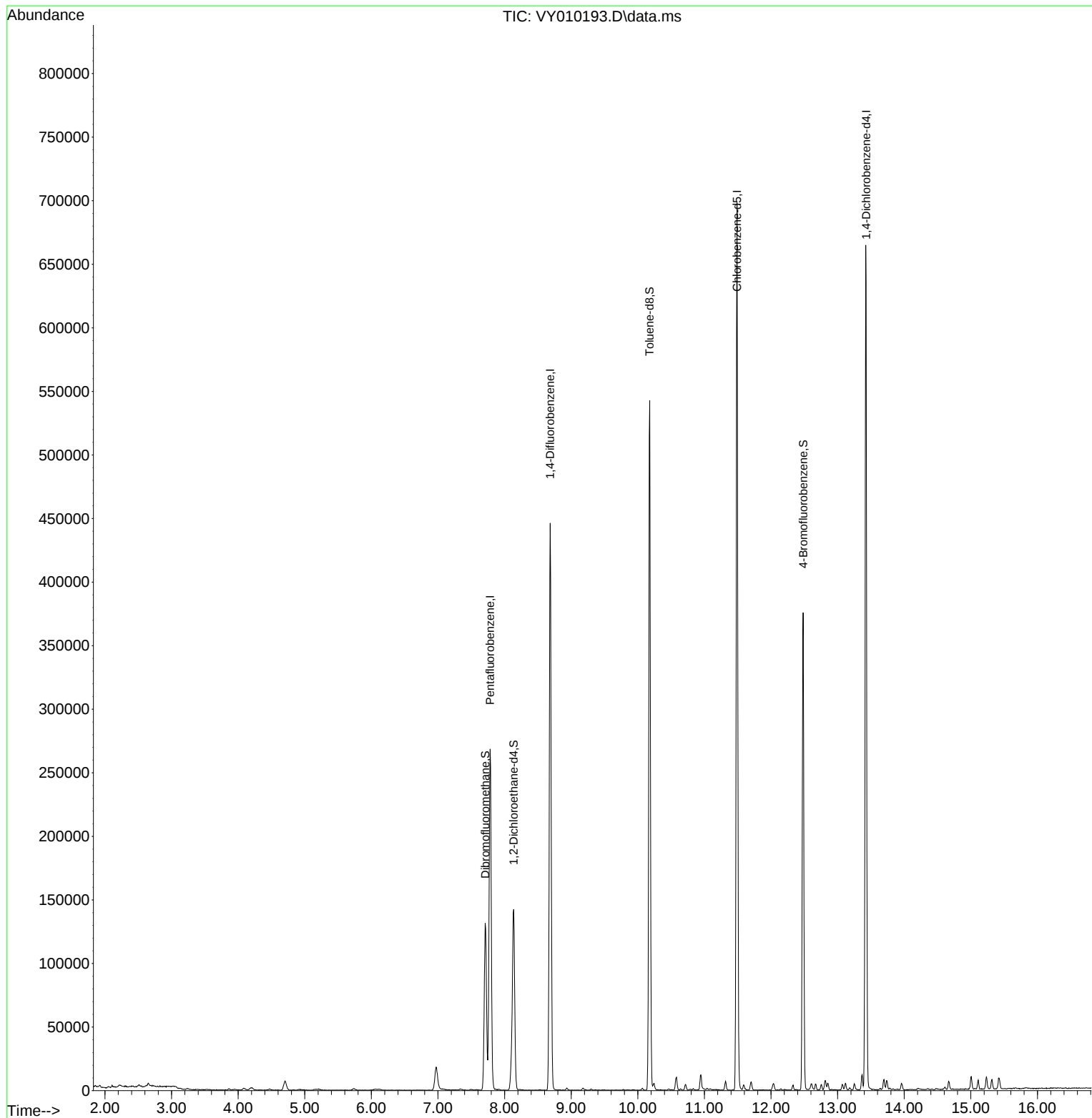
Target Compounds	Qvalue

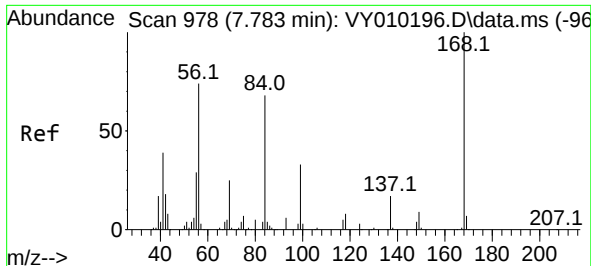
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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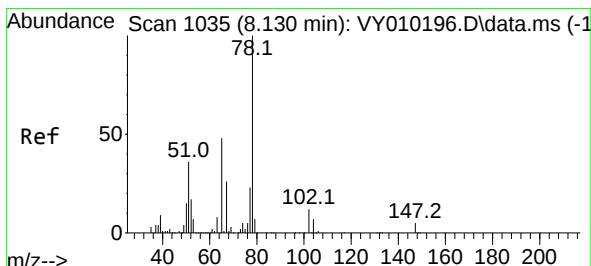
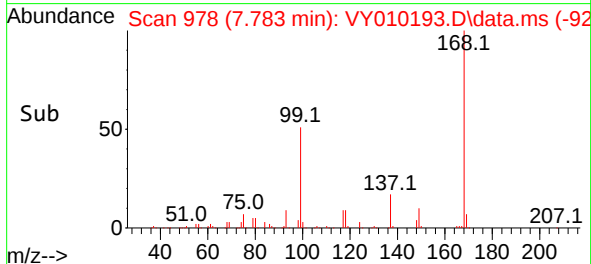
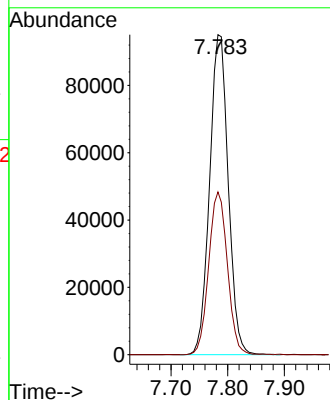
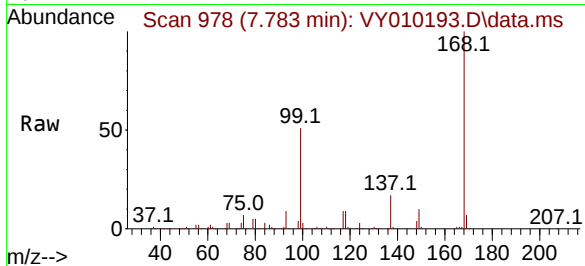




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010193.D
Acq: 24 Aug 2022 12:55

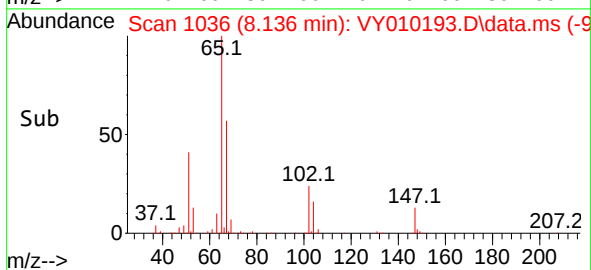
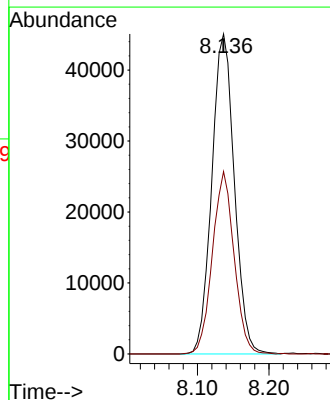
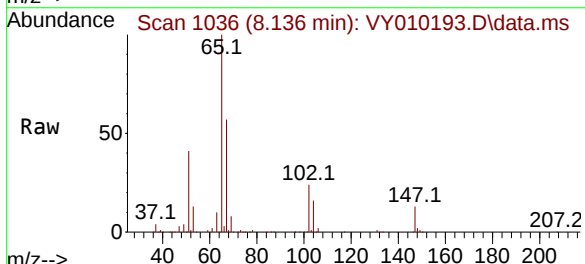
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

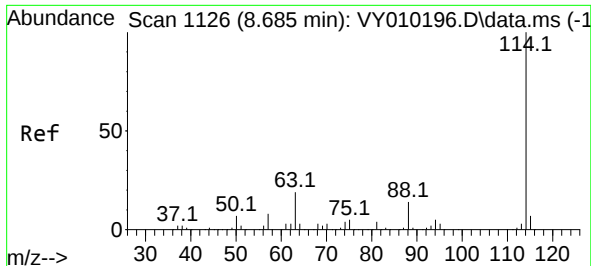
Tgt Ion:168 Resp: 216746
Ion Ratio Lower Upper
168 100
99 50.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.639 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY010193.D
Acq: 24 Aug 2022 12:55

Tgt Ion: 65 Resp: 98718
Ion Ratio Lower Upper
65 100
67 54.9 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: VY010193.D

Acq: 24 Aug 2022 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

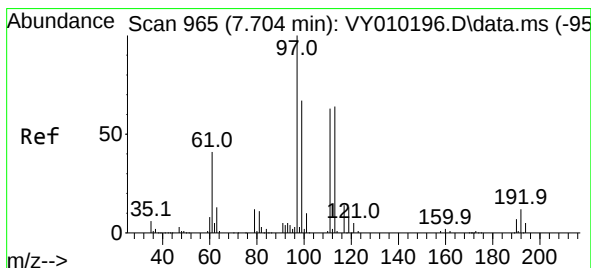
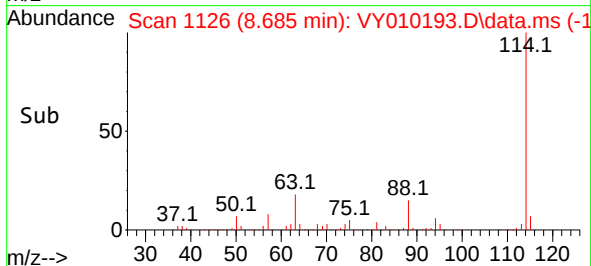
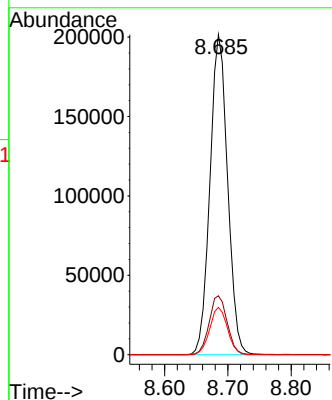
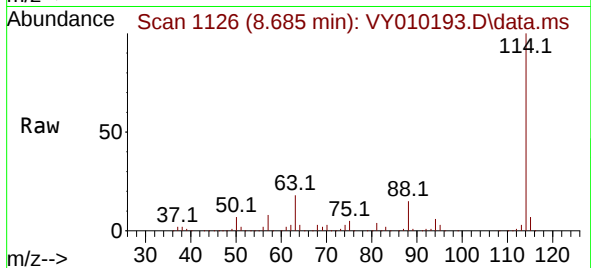
Tgt Ion:114 Resp: 389989

Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 38.091 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY010193.D

Acq: 24 Aug 2022 12:55

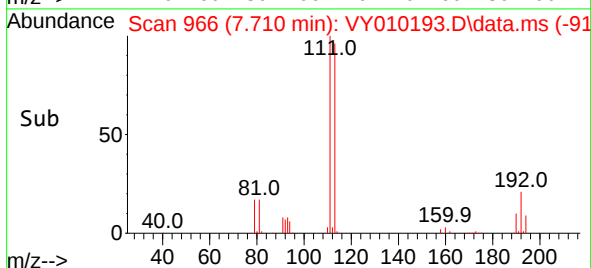
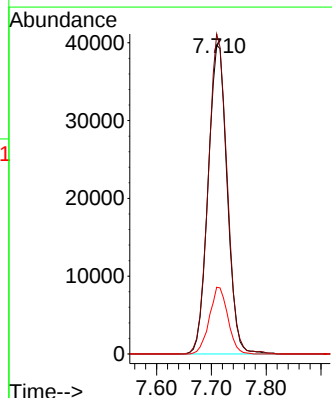
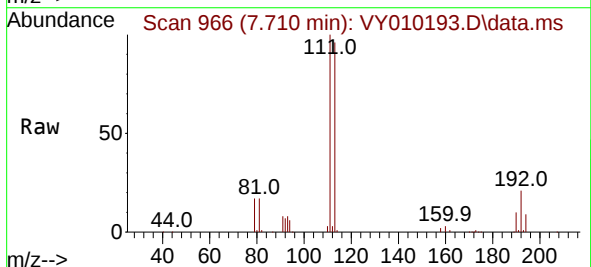
Tgt Ion:113 Resp: 95710

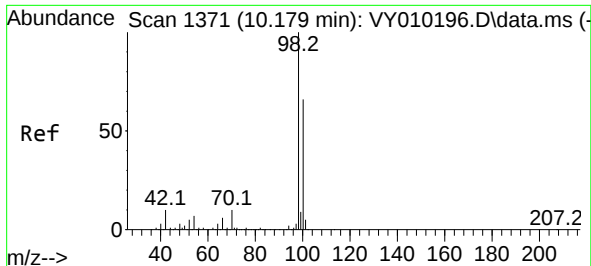
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 20.9 17.6 26.4

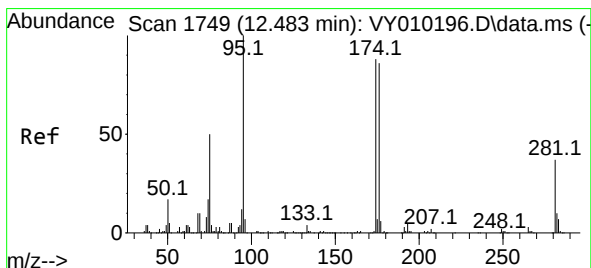
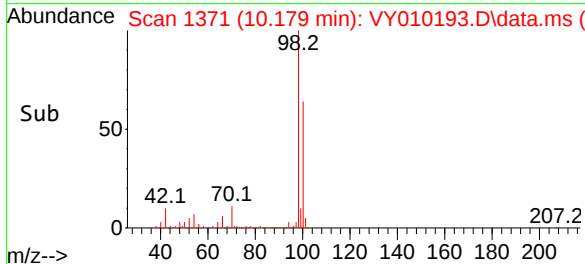
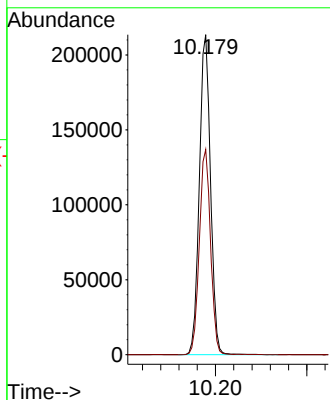
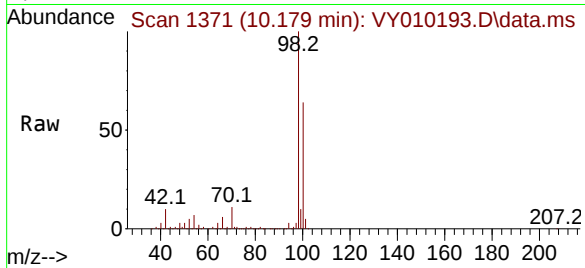




#50
Toluene-d8
Concen: 41.900 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010193.D
Acq: 24 Aug 2022 12:55

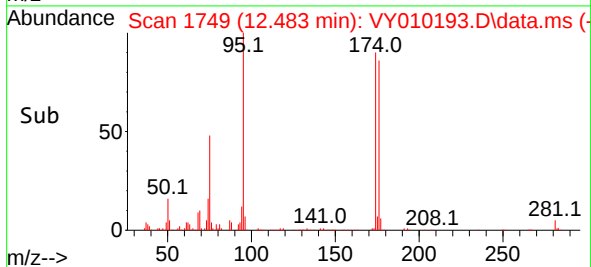
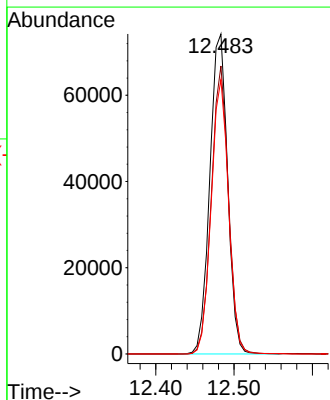
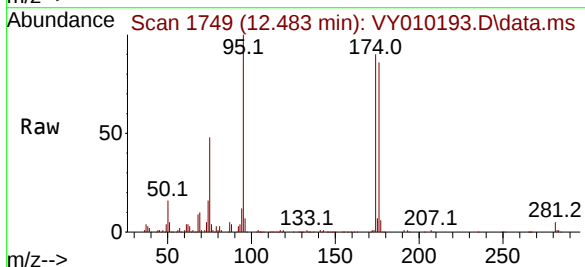
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

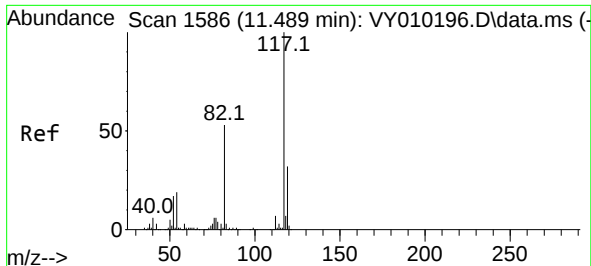
Tgt Ion: 98 Resp: 361555
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 34.910 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010193.D
Acq: 24 Aug 2022 12:55

Tgt Ion: 95 Resp: 116986
Ion Ratio Lower Upper
95 100
174 87.0 0.0 177.0
176 83.9 0.0 175.8

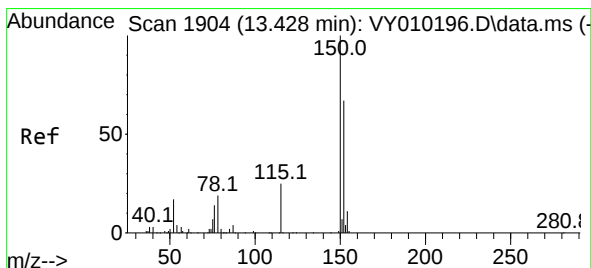
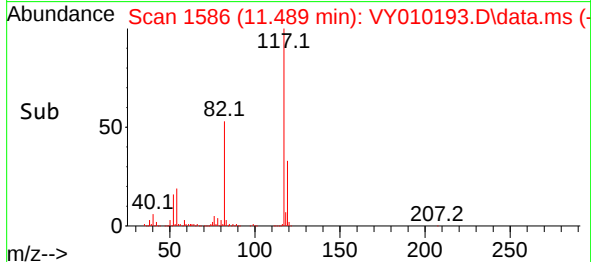
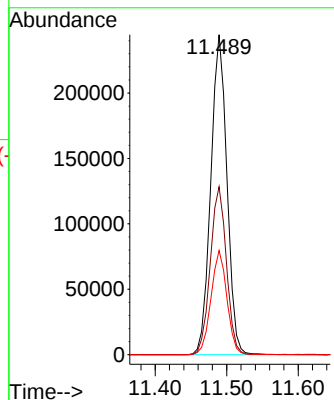
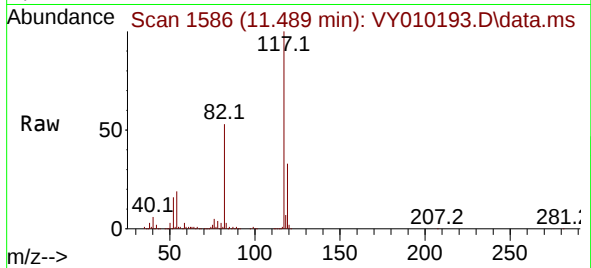




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY010193.D
Acq: 24 Aug 2022 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 383136
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY010193.D
Acq: 24 Aug 2022 12:55

Tgt Ion:152 Resp: 179449
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.7
150 157.6 0.0 347.6

