

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072622\
 Data File : VY009701.D
 Acq On : 26 Jul 2022 15:40
 Operator : KP/MD
 Sample : VY0726SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0726SBL01

Quant Time: Jul 27 04:26:13 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	215722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	339901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	303049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	144426	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	76040	53.299	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.600%
35) Dibromofluoromethane	7.710	113	86271	46.667	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.340%
50) Toluene-d8	10.179	98	250096	46.124	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	92.240%
62) 4-Bromofluorobenzene	12.477	95	110655	45.142	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	90.280%

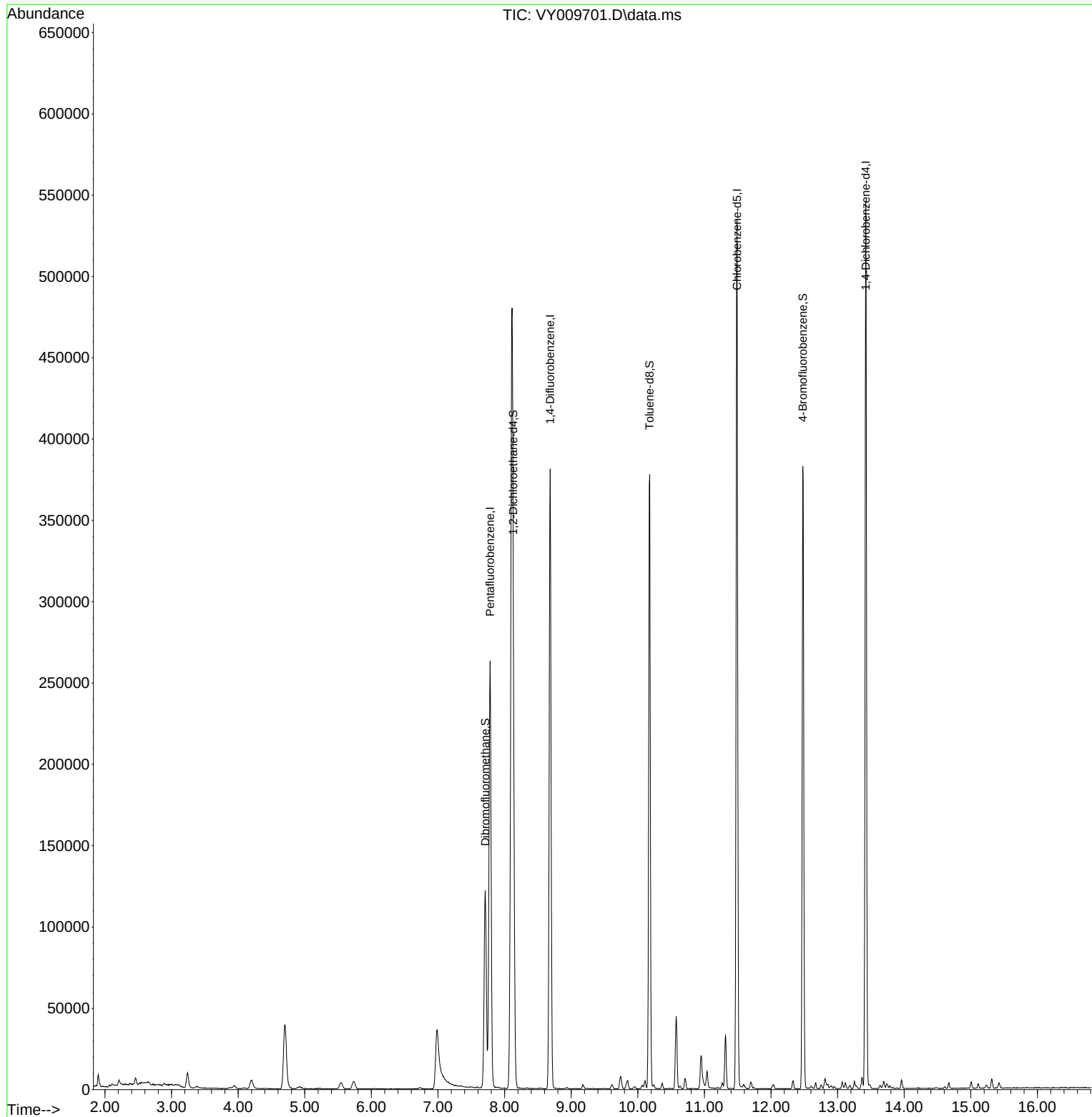
Target Compounds	Qvalue

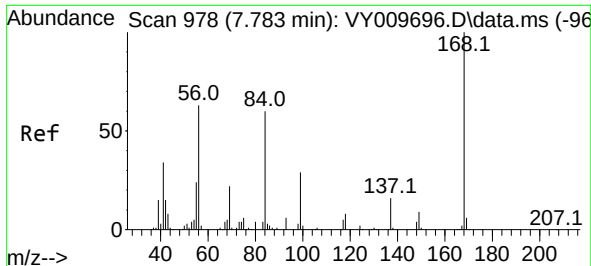
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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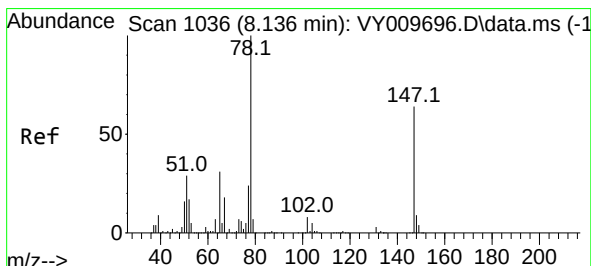
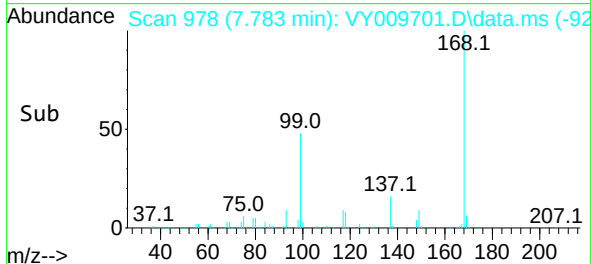
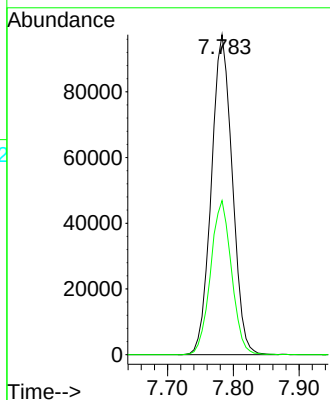
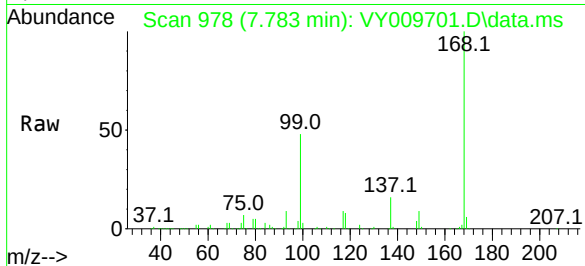




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009701.D
Acq: 26 Jul 2022 15:40

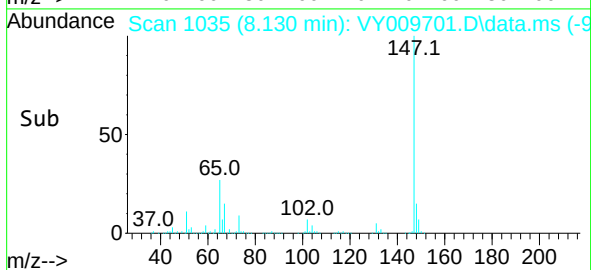
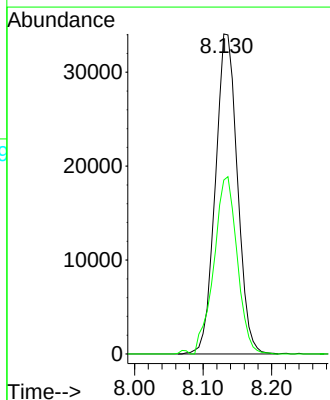
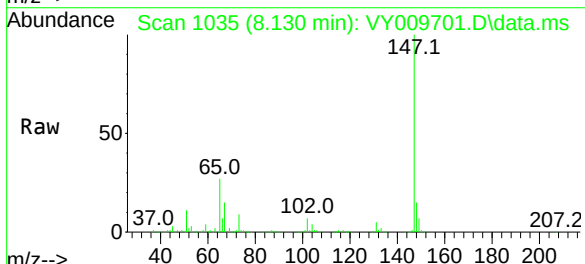
Instrument :
MSVOA_Y
ClientSampleId :
VY0726SBL01

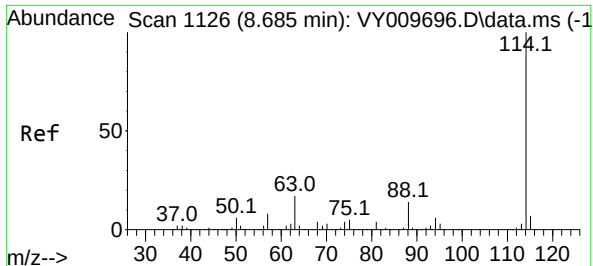
Tgt Ion:168 Resp: 215722
Ion Ratio Lower Upper
168 100
99 48.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.299 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009701.D
Acq: 26 Jul 2022 15:40

Tgt Ion: 65 Resp: 76040
Ion Ratio Lower Upper
65 100
67 58.6 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: VY009701.D

Acq: 26 Jul 2022 15:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0726SBL01

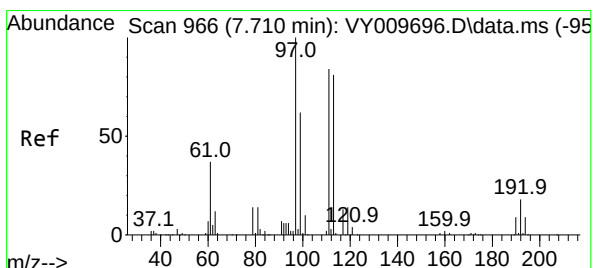
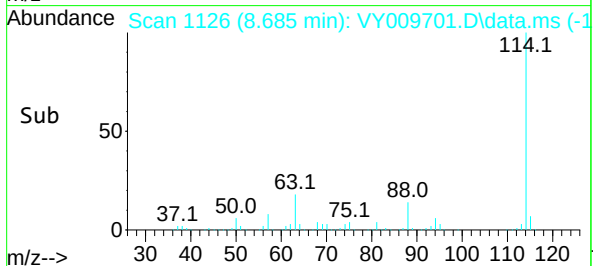
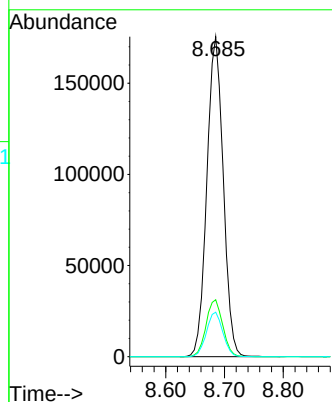
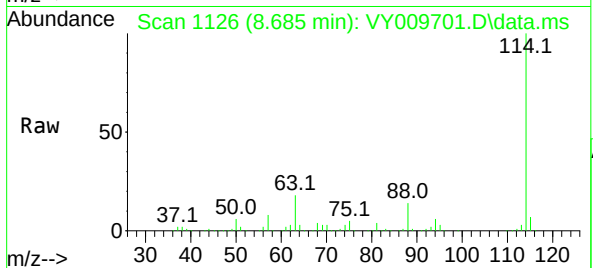
Tgt Ion:114 Resp: 339901

Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.667 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009701.D

Acq: 26 Jul 2022 15:40

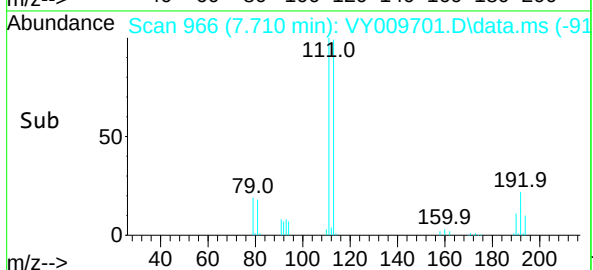
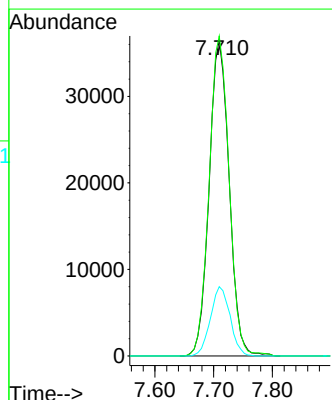
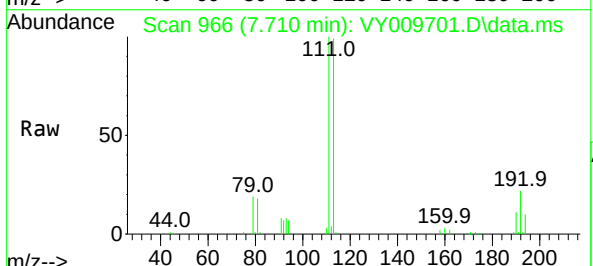
Tgt Ion:113 Resp: 86271

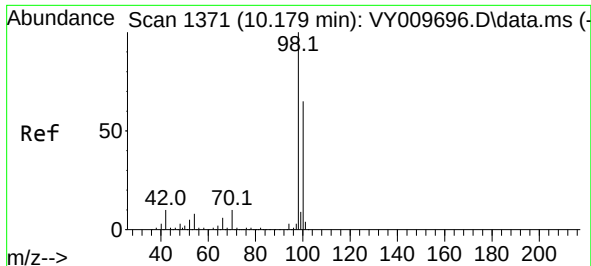
Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 21.5 17.6 26.4

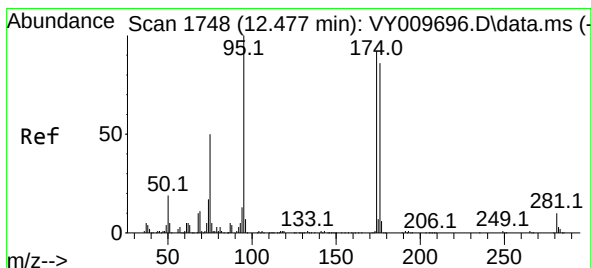
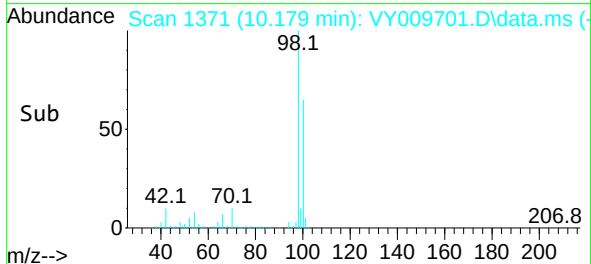
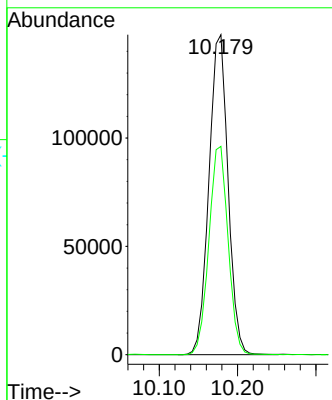
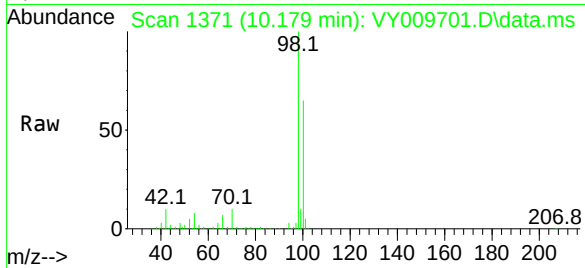




#50
Toluene-d8
Concen: 46.124 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009701.D
Acq: 26 Jul 2022 15:40

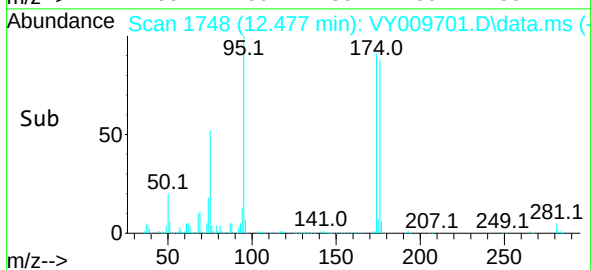
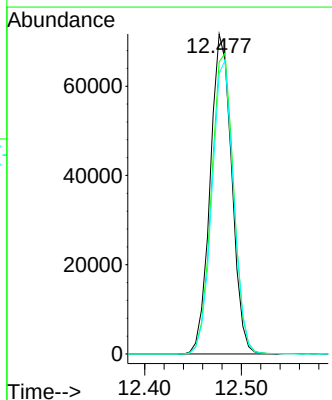
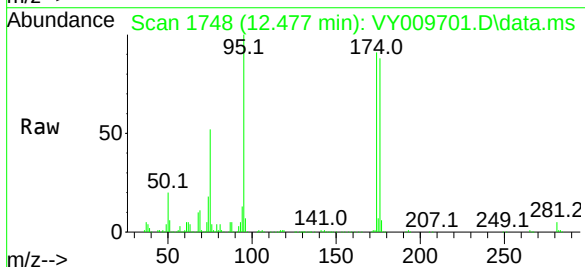
Instrument :
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VY0726SBL01

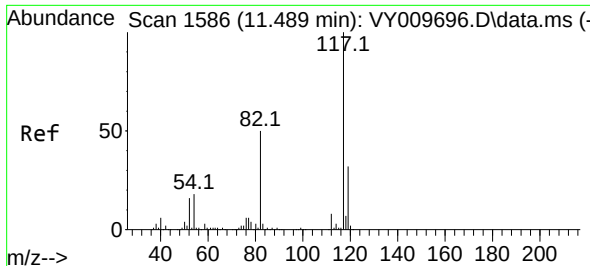
Tgt Ion: 98 Resp: 250096
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.142 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009701.D
Acq: 26 Jul 2022 15:40

Tgt Ion: 95 Resp: 110655
Ion Ratio Lower Upper
95 100
174 96.4 0.0 177.0
176 92.3 0.0 175.8

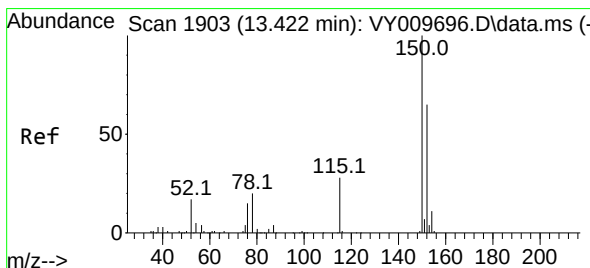
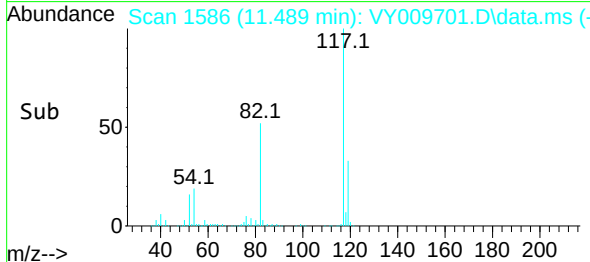
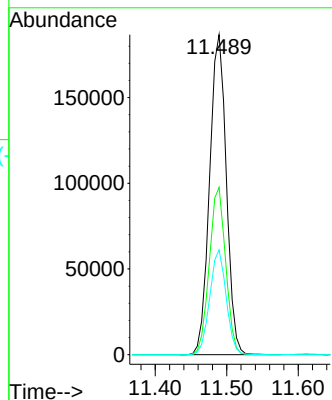
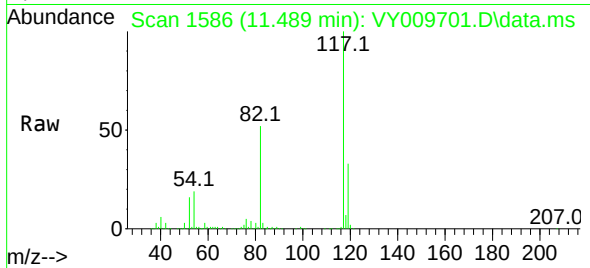




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009701.D
Acq: 26 Jul 2022 15:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0726SBL01

Tgt Ion:117 Resp: 303049
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 32.8 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: VY009701.D
Acq: 26 Jul 2022 15:40

Tgt Ion:152 Resp: 144426
Ion Ratio Lower Upper
152 100
115 55.4 28.2 84.7
150 156.2 0.0 347.6

