

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080422\
 Data File : VY009847.D
 Acq On : 04 Aug 2022 21:02
 Operator : KP/MD
 Sample : N3998-09
 Misc : 4.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-2

Quant Time: Aug 05 01:45:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	34651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	62511	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	63122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	22592	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	16830	60.338	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.680%
35) Dibromofluoromethane	7.710	113	15476	40.605	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.200%
50) Toluene-d8	10.179	98	53795	47.768	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	95.540%
62) 4-Bromofluorobenzene	12.483	95	15128	29.312	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	58.620%

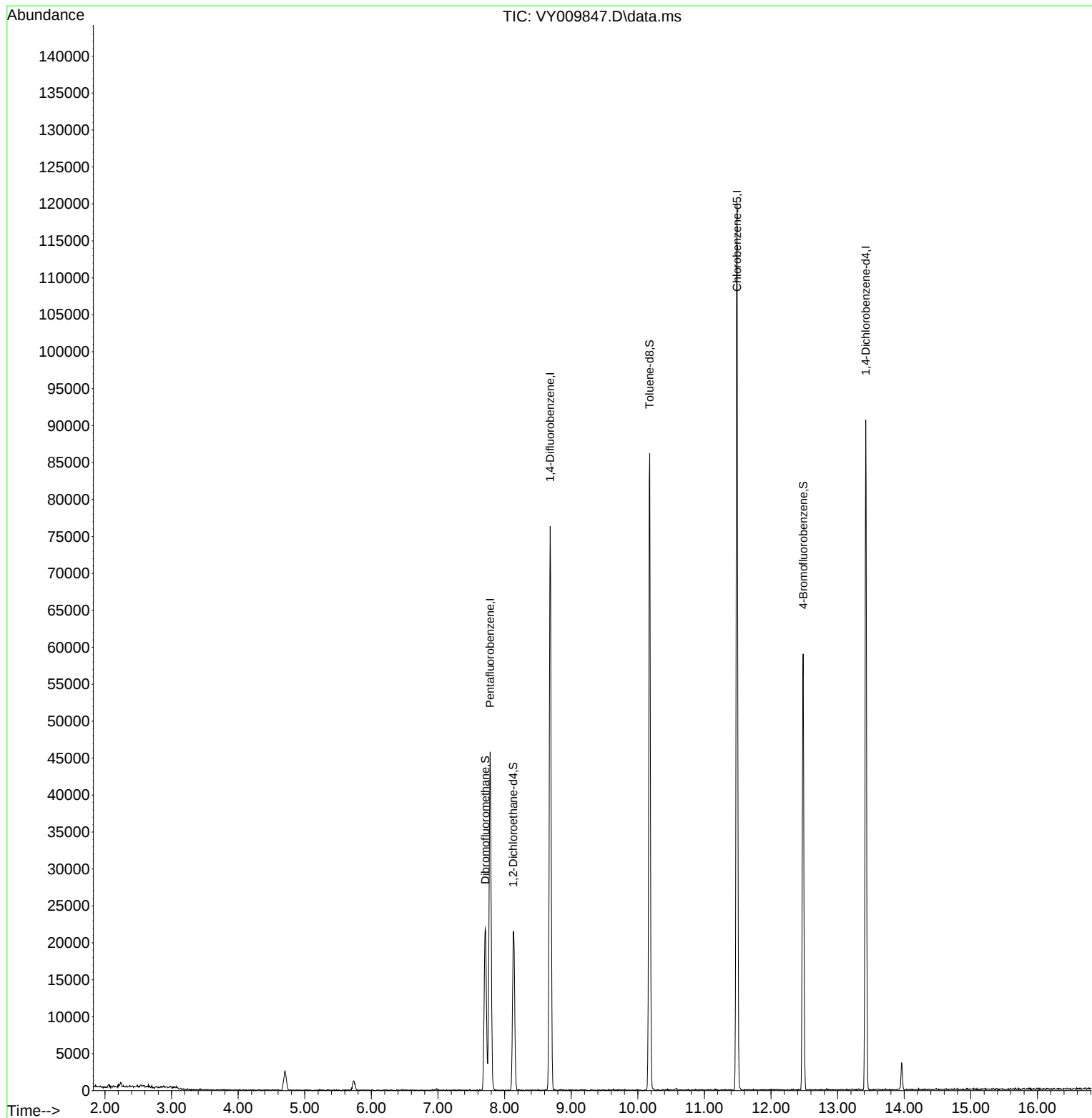
Target Compounds	Qvalue

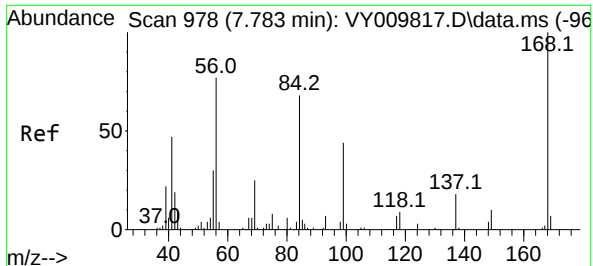
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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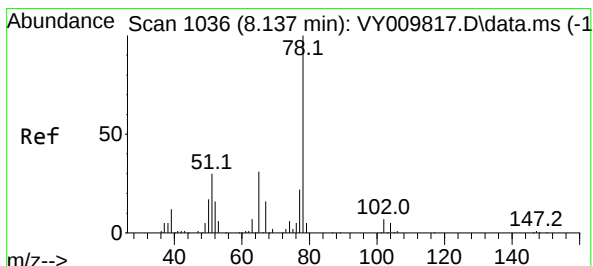
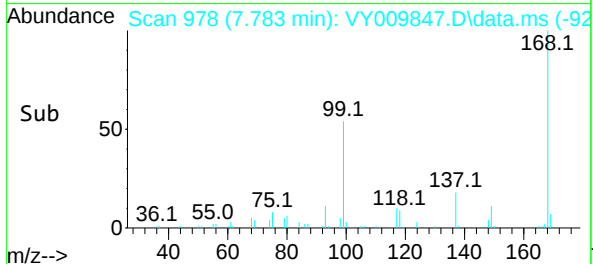
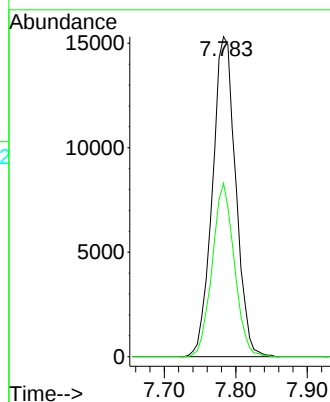
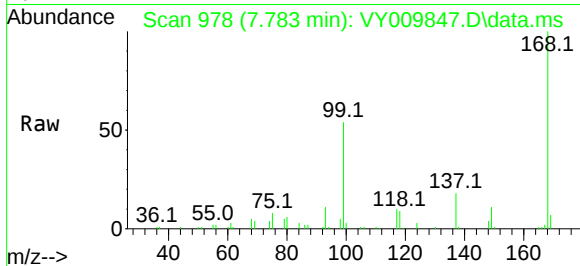




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009847.D
Acq: 04 Aug 2022 21:02

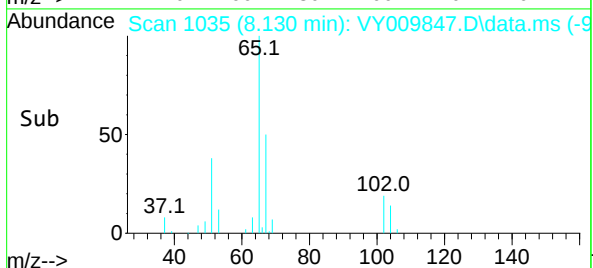
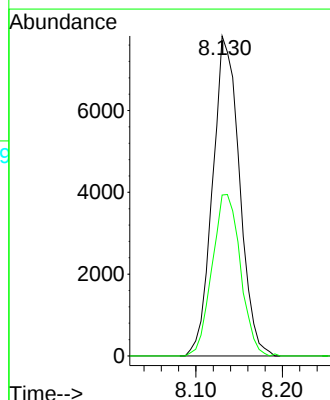
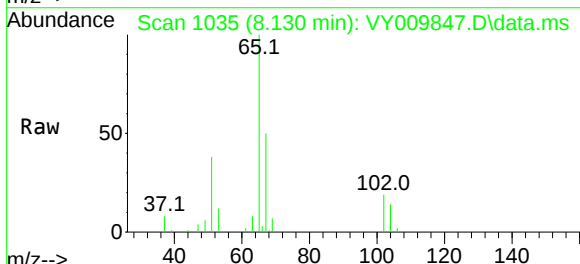
Instrument :
MSVOA_Y
ClientSampleId :
SS-2

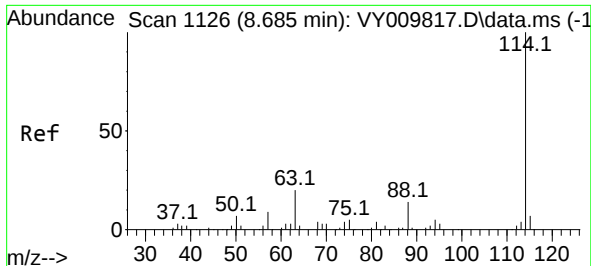
Tgt Ion:168 Resp: 34651
Ion Ratio Lower Upper
168 100
99 54.2 44.7 67.1



#33
1,2-Dichloroethane-d4
Concen: 60.338 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.007 min
Lab File: VY009847.D
Acq: 04 Aug 2022 21:02

Tgt Ion: 65 Resp: 16830
Ion Ratio Lower Upper
65 100
67 53.3 0.0 112.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009847.D

Acq: 04 Aug 2022 21:02

Instrument :

MSVOA_Y

ClientSampleId :

SS-2

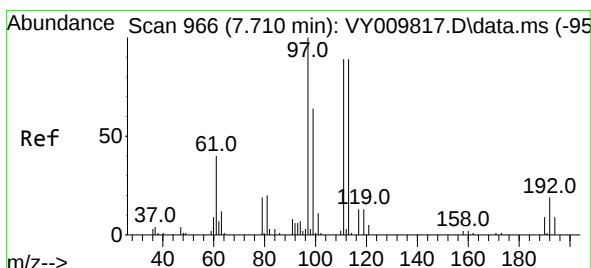
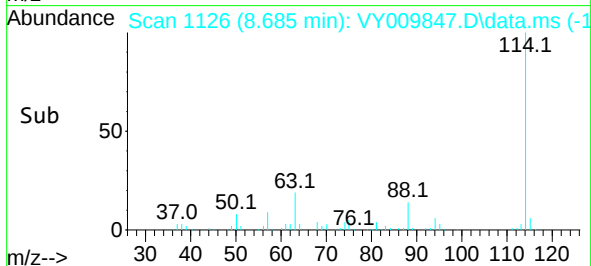
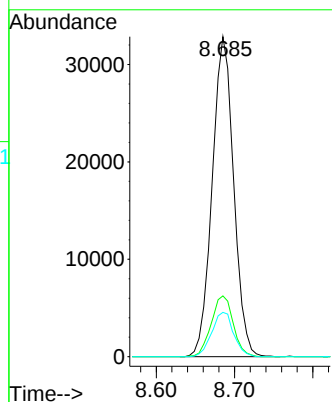
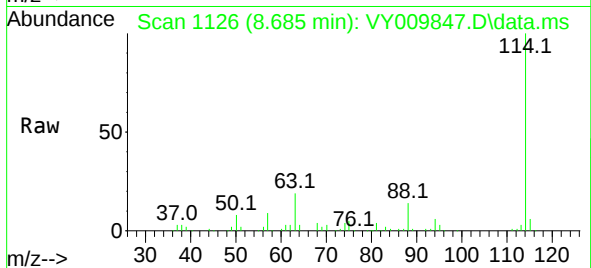
Tgt Ion:114 Resp: 62511

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.2

88 13.8 0.0 27.6



#35

Dibromofluoromethane

Concen: 40.605 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009847.D

Acq: 04 Aug 2022 21:02

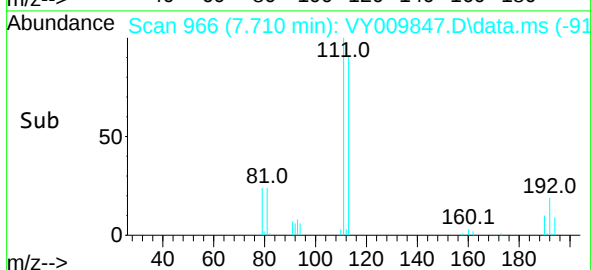
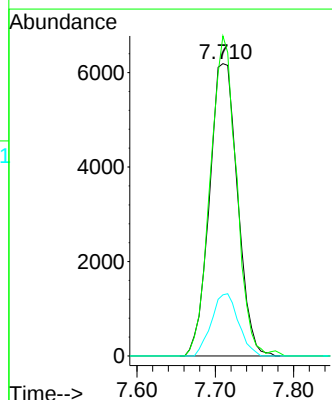
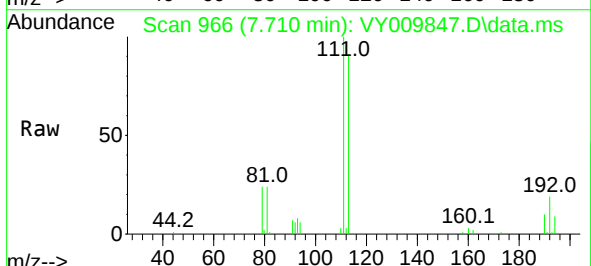
Tgt Ion:113 Resp: 15476

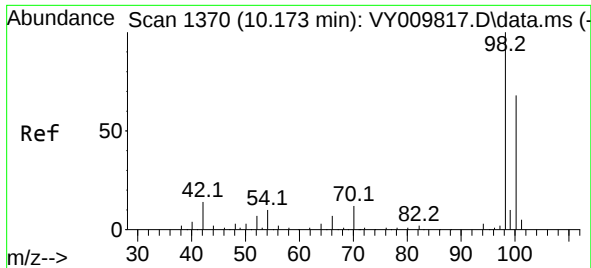
Ion Ratio Lower Upper

113 100

111 101.8 82.4 123.6

192 20.3 16.5 24.7

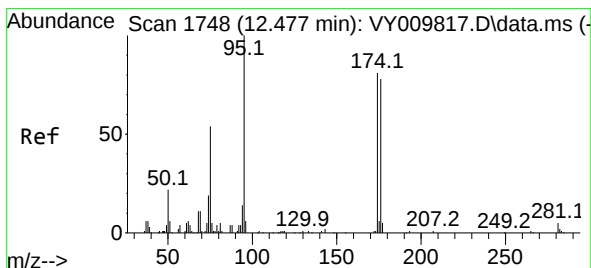
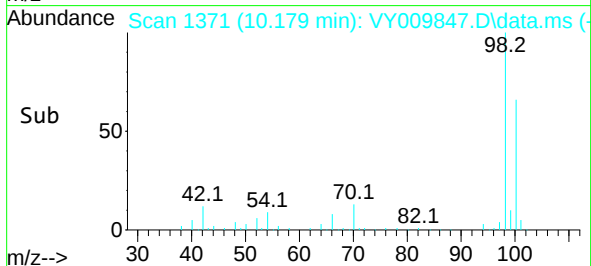
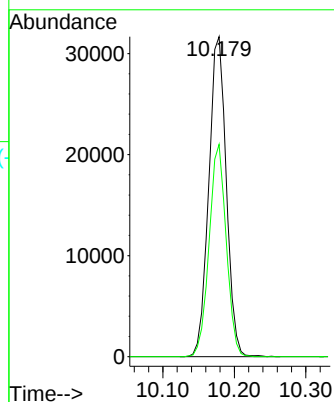
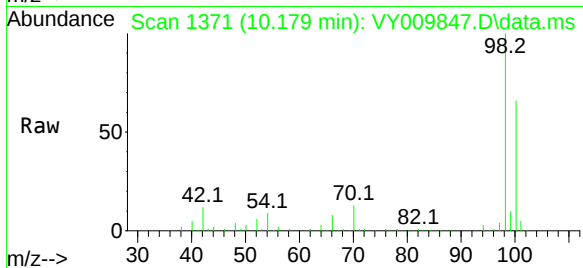




#50
Toluene-d8
Concen: 47.768 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009847.D
Acq: 04 Aug 2022 21:02

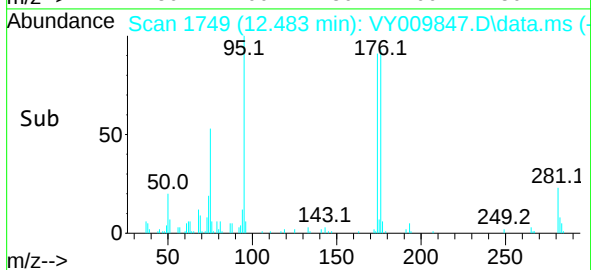
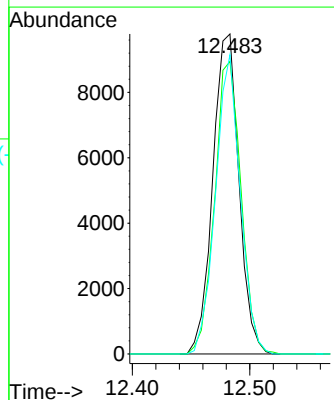
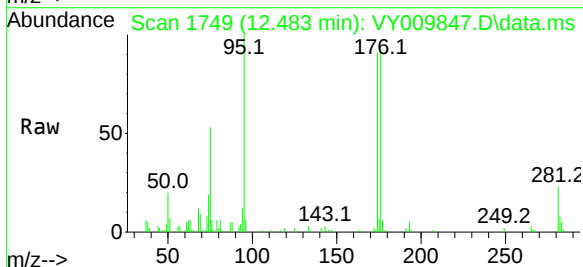
Instrument :
MSVOA_Y
ClientSampleId :
SS-2

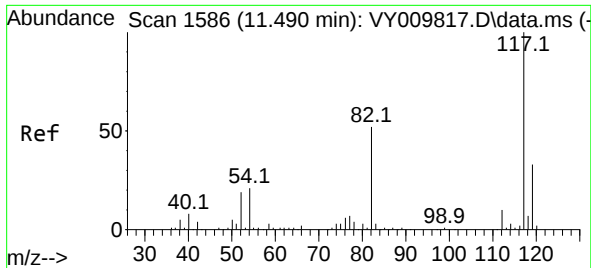
Tgt Ion: 98 Resp: 53795
Ion Ratio Lower Upper
98 100
100 64.9 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 29.312 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009847.D
Acq: 04 Aug 2022 21:02

Tgt Ion: 95 Resp: 15128
Ion Ratio Lower Upper
95 100
174 92.5 0.0 168.6
176 88.5 0.0 163.6

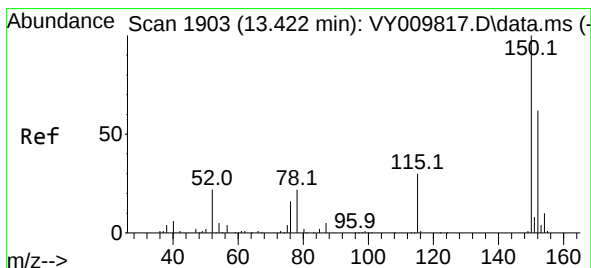
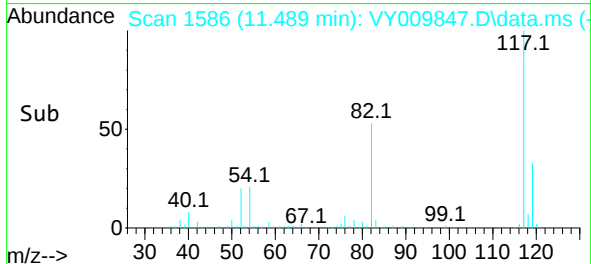
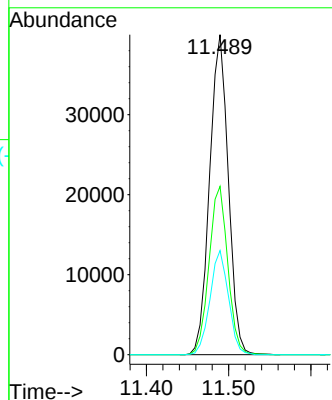
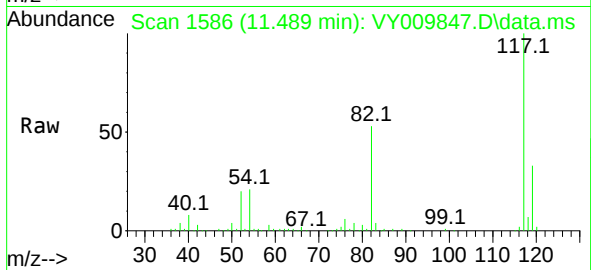




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009847.D
Acq: 04 Aug 2022 21:02

Instrument :
MSVOA_Y
ClientSampleId :
SS-2

Tgt Ion:117 Resp: 63122
Ion Ratio Lower Upper
117 100
82 52.6 41.7 62.5
119 32.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009847.D
Acq: 04 Aug 2022 21:02

Tgt Ion:152 Resp: 22592
Ion Ratio Lower Upper
152 100
115 56.5 28.9 86.7
150 158.4 0.0 354.2

