

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081222\
 Data File : VY009999.D
 Acq On : 12 Aug 2022 20:22
 Operator : KP/MD
 Sample : N4148-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 290533

Quant Time: Aug 13 02:58:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	120510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	243201	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	238665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109086	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	46624	38.140	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.280%
35) Dibromofluoromethane	7.710	113	47909	32.186	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	64.380%
50) Toluene-d8	10.173	98	177448	31.113	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	62.220%
62) 4-Bromofluorobenzene	12.477	95	63704	30.486	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	60.980%

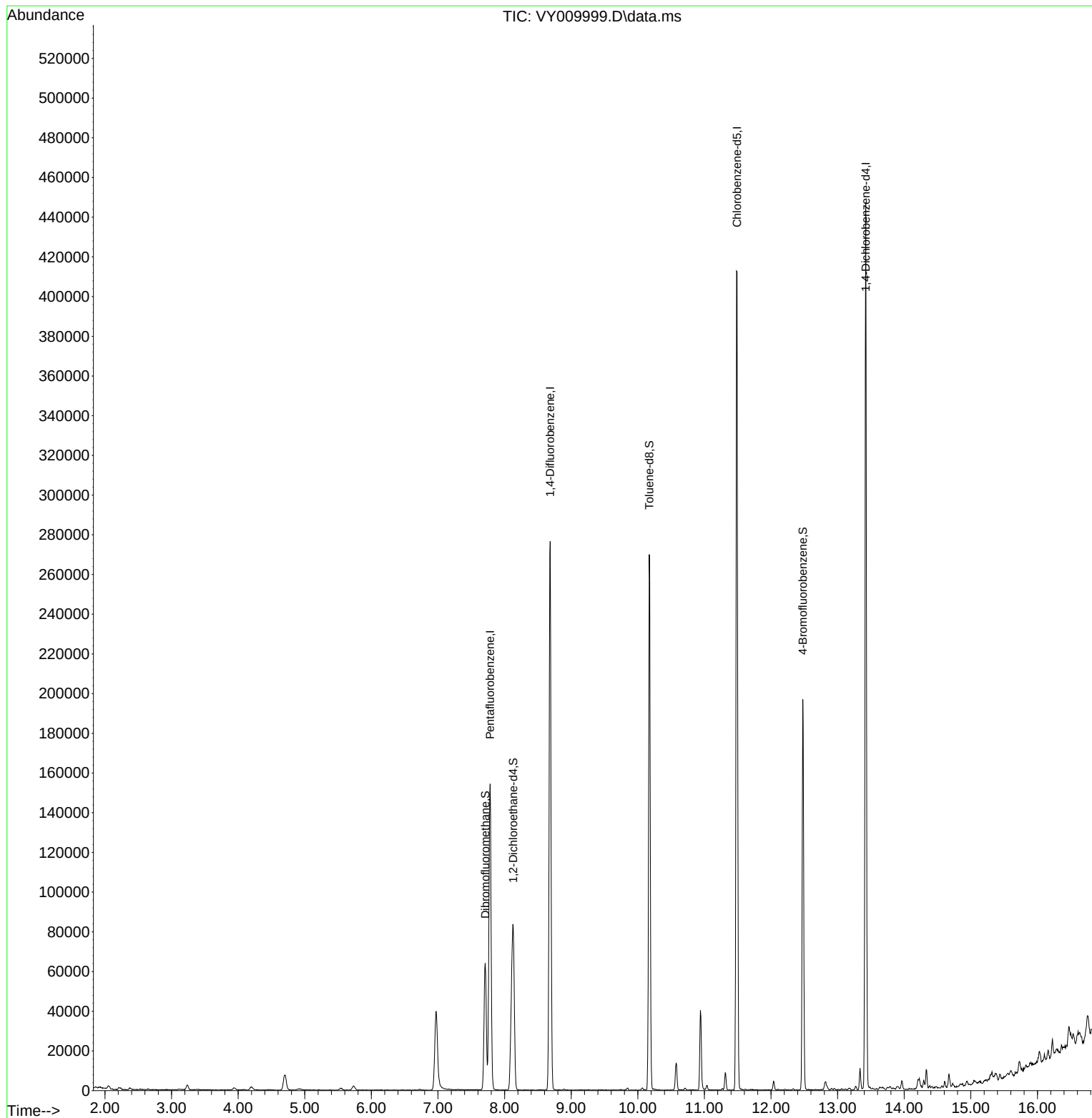
Target Compounds	Qvalue

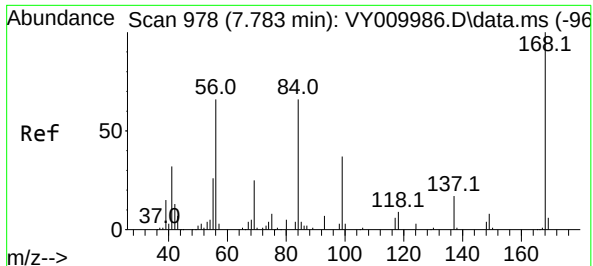
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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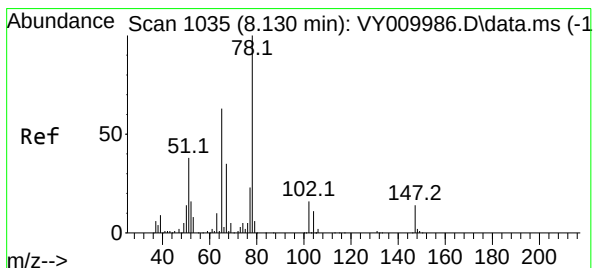
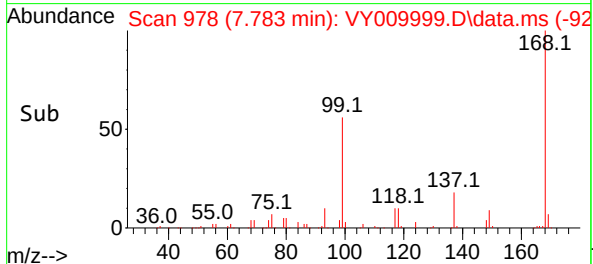
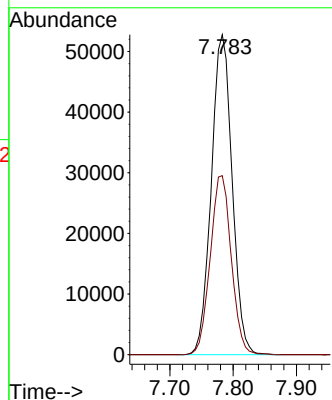
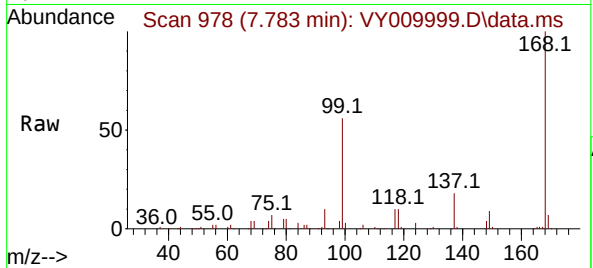




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009999.D
Acq: 12 Aug 2022 20:22

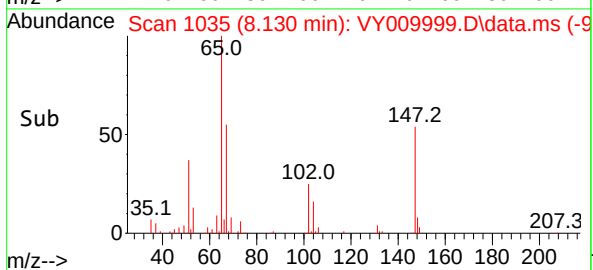
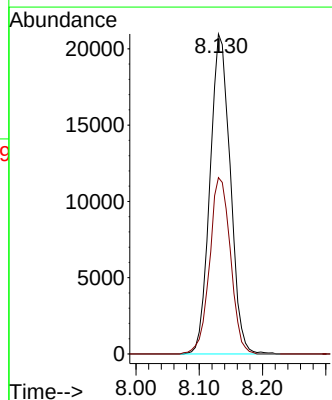
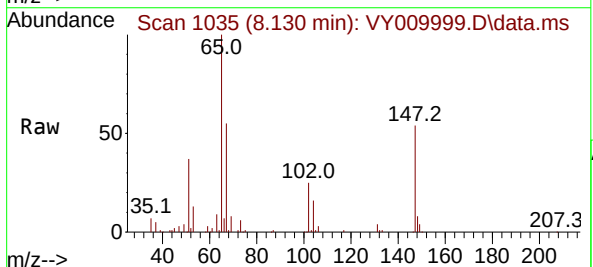
Instrument :
MSVOA_Y
ClientSampleId :
290533

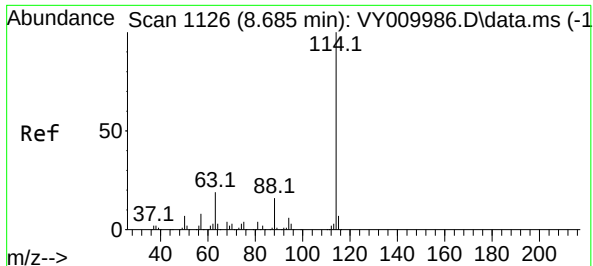
Tgt Ion:168 Resp: 120510
Ion Ratio Lower Upper
168 100
99 56.0 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 38.140 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY009999.D
Acq: 12 Aug 2022 20:22

Tgt Ion: 65 Resp: 46624
Ion Ratio Lower Upper
65 100
67 56.6 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009999.D

Acq: 12 Aug 2022 20:22

Instrument :

MSVOA_Y

ClientSampleId :

290533

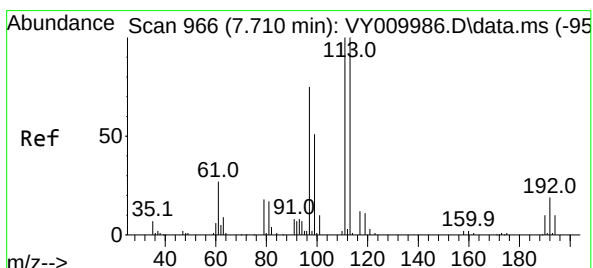
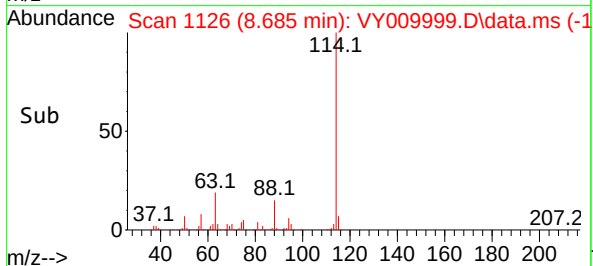
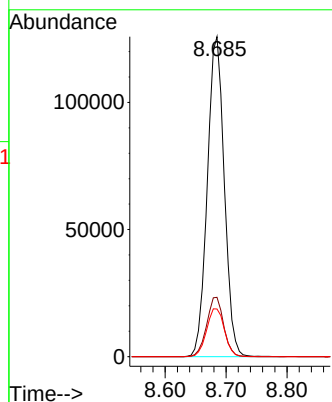
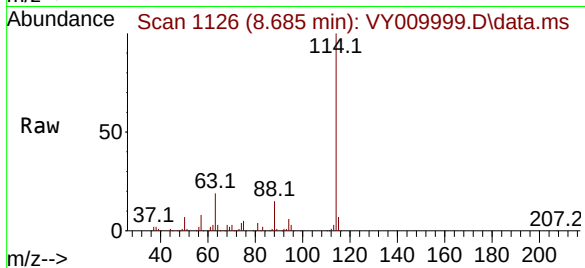
Tgt Ion:114 Resp: 243201

Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.0

88 14.9 0.0 30.0



#35

Dibromofluoromethane

Concen: 32.186 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY009999.D

Acq: 12 Aug 2022 20:22

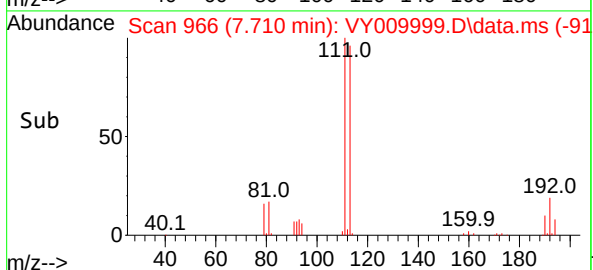
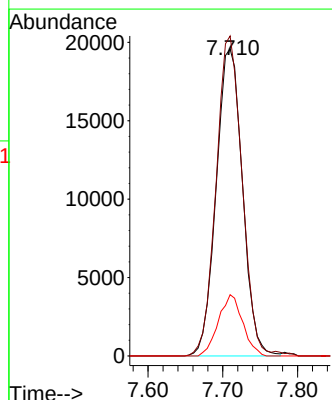
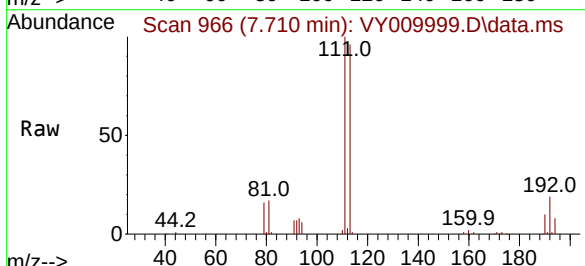
Tgt Ion:113 Resp: 47909

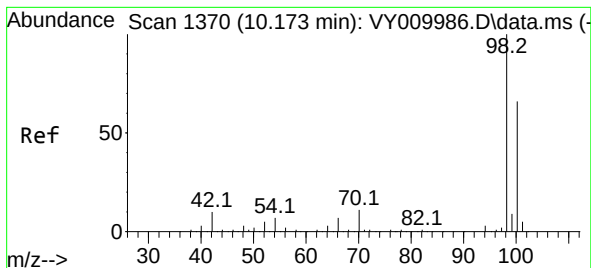
Ion Ratio Lower Upper

113 100

111 103.1 80.6 120.8

192 18.4 16.2 24.4

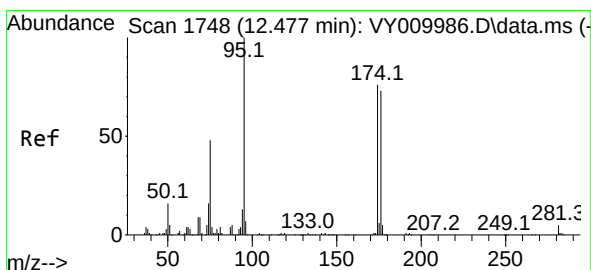
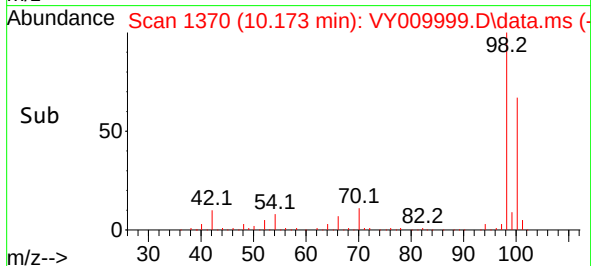
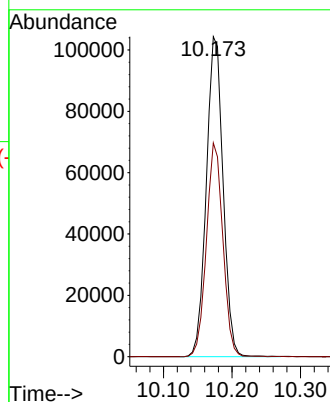
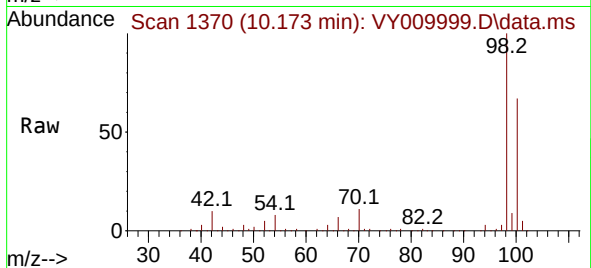




#50
Toluene-d8
Concen: 31.113 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009999.D
Acq: 12 Aug 2022 20:22

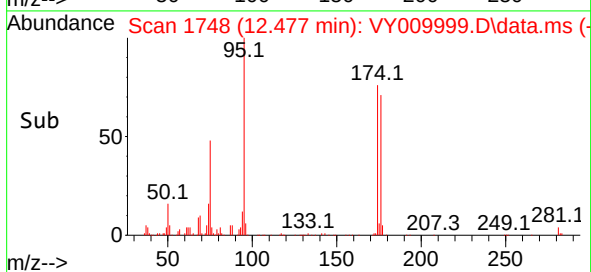
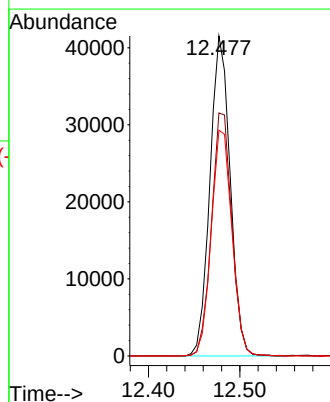
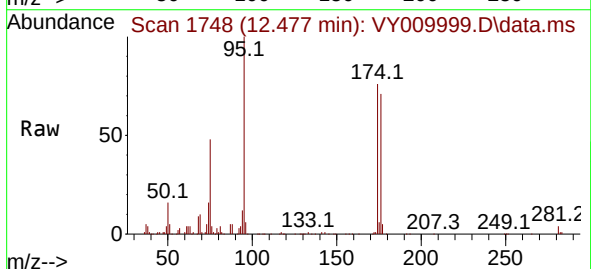
Instrument :
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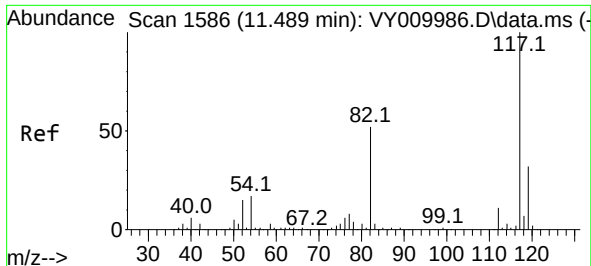
Tgt Ion: 98 Resp: 177448
Ion Ratio Lower Upper
98 100
100 65.6 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 30.486 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009999.D
Acq: 12 Aug 2022 20:22

Tgt Ion: 95 Resp: 63704
Ion Ratio Lower Upper
95 100
174 76.9 0.0 173.8
176 72.5 0.0 167.0

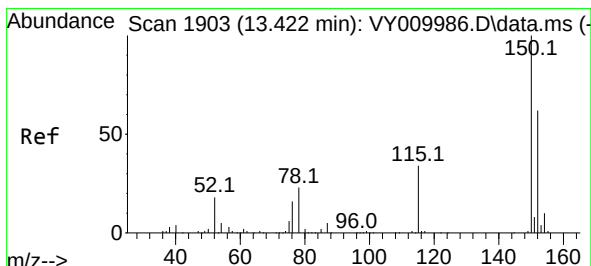
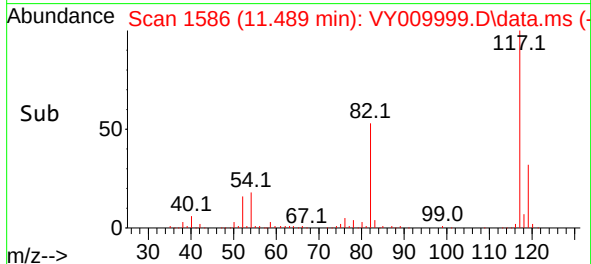
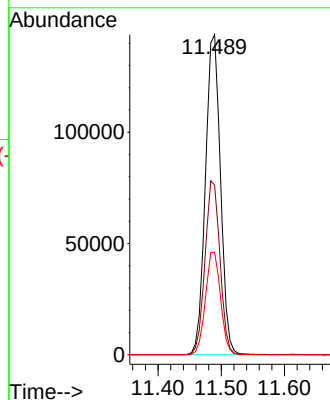
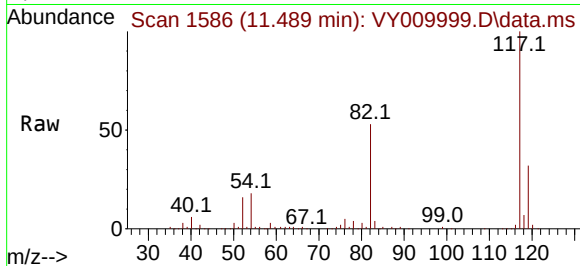




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009999.D
Acq: 12 Aug 2022 20:22

Instrument :
MSVOA_Y
ClientSampleId :
290533

Tgt Ion:117 Resp: 238665
Ion Ratio Lower Upper
117 100
82 53.0 41.8 62.6
119 32.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009999.D
Acq: 12 Aug 2022 20:22

Tgt Ion:152 Resp: 109086
Ion Ratio Lower Upper
152 100
115 61.0 28.6 85.9
150 157.9 0.0 349.8

