

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090322\
 Data File : VY010330.D
 Acq On : 03 Sep 2022 19:06
 Operator : KP/MD
 Sample : N4501-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08-7.5-8.0

Quant Time: Sep 05 04:23:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	289277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	477660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	446102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	215026	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	155225	52.331	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.660%
35) Dibromofluoromethane	7.715	113	142798	44.907	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.820%
50) Toluene-d8	10.178	98	556579	52.279	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.560%
62) 4-Bromofluorobenzene	12.477	95	202576	47.153	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.300%

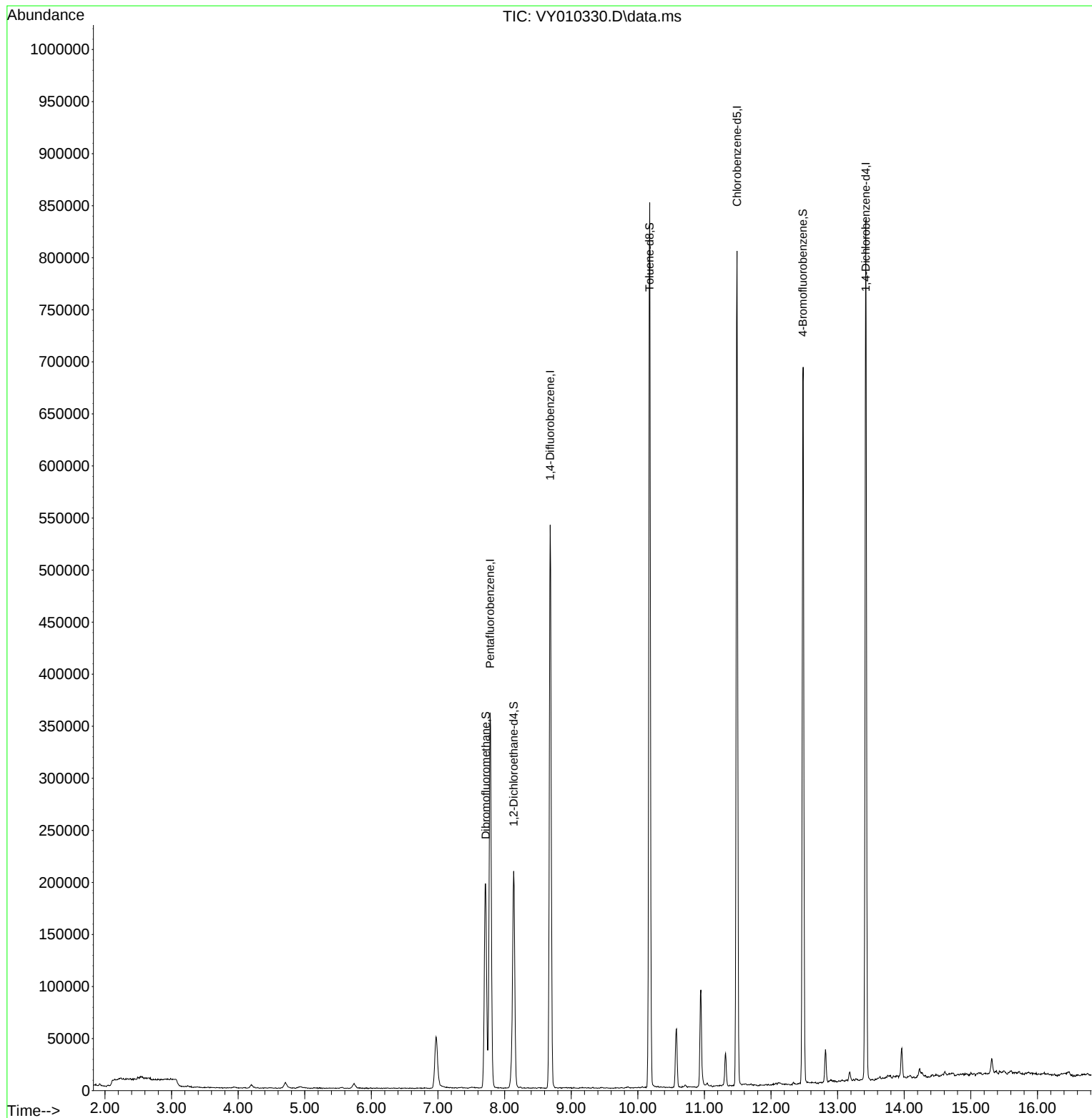
Target Compounds	Qvalue

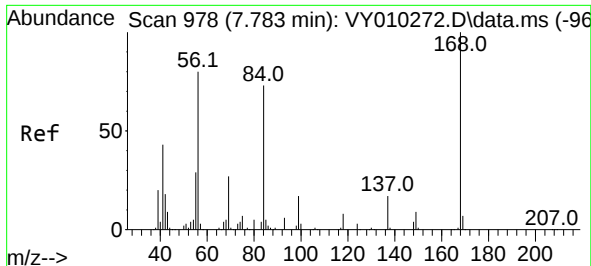
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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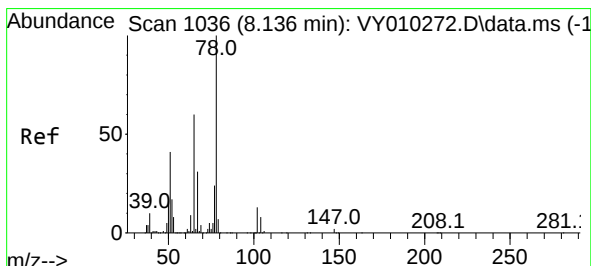
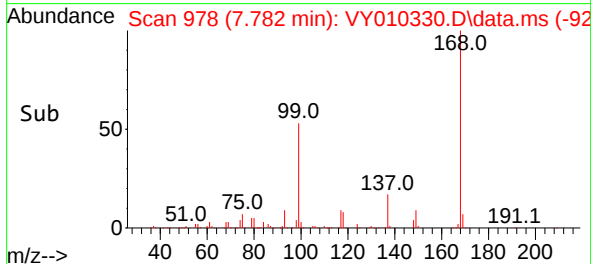
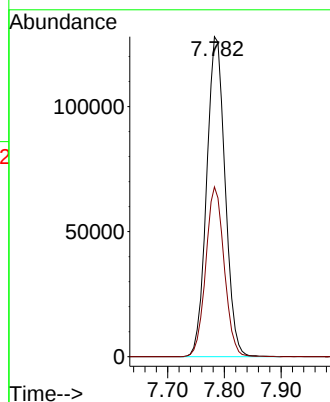
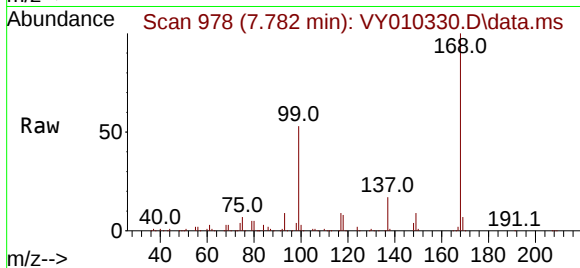




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY010330.D
Acq: 03 Sep 2022 19:06

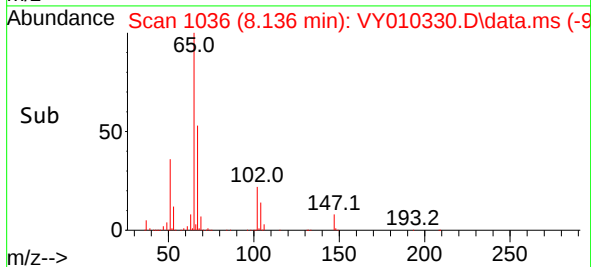
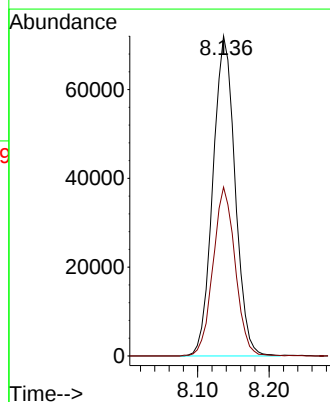
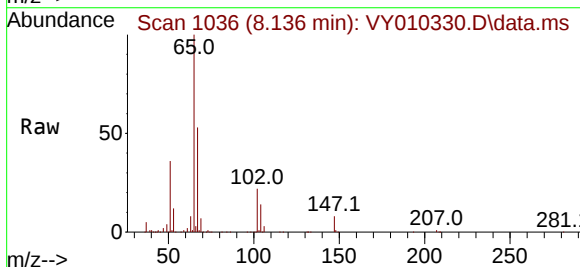
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-7.5-8.0

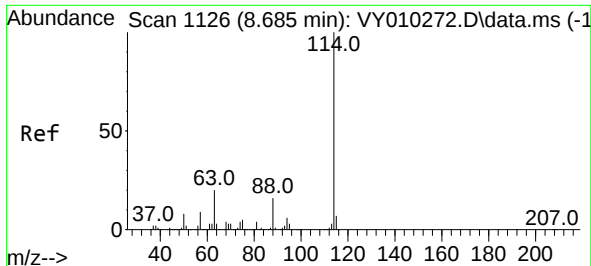
Tgt Ion:168 Resp: 289277
Ion Ratio Lower Upper
168 100
99 53.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 52.331 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010330.D
Acq: 03 Sep 2022 19:06

Tgt Ion: 65 Resp: 155225
Ion Ratio Lower Upper
65 100
67 52.7 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: VY010330.D

Acq: 03 Sep 2022 19:06

Instrument :

MSVOA_Y

ClientSampleId :

SB-08-7.5-8.0

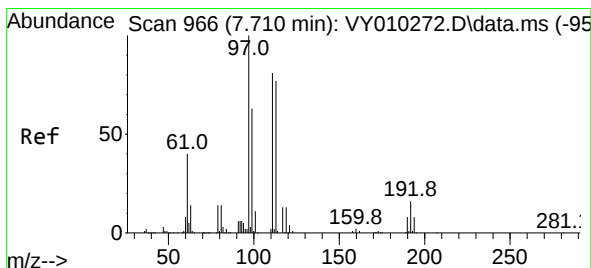
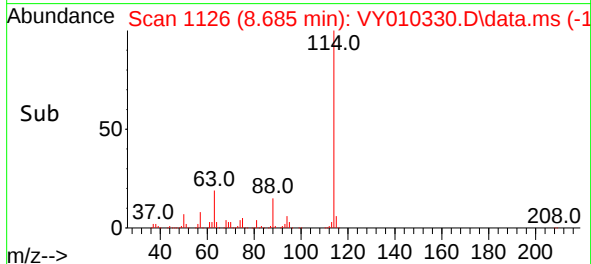
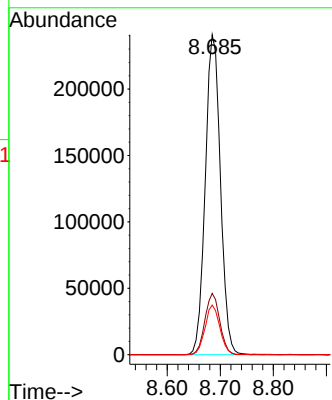
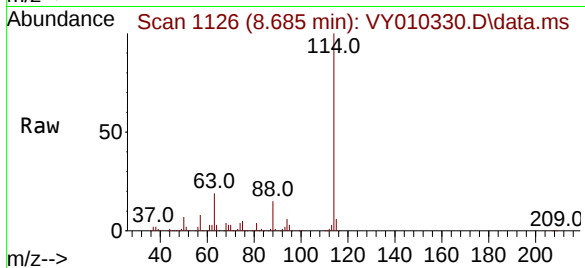
Tgt Ion:114 Resp: 477660

Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.907 ug/l

RT: 7.715 min Scan# 967

Delta R.T. 0.005 min

Lab File: VY010330.D

Acq: 03 Sep 2022 19:06

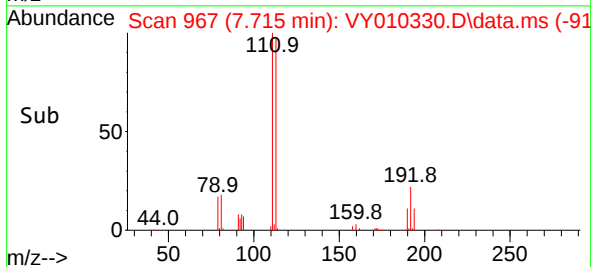
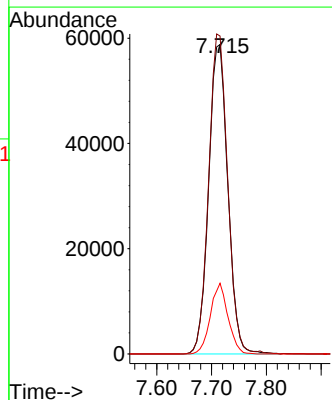
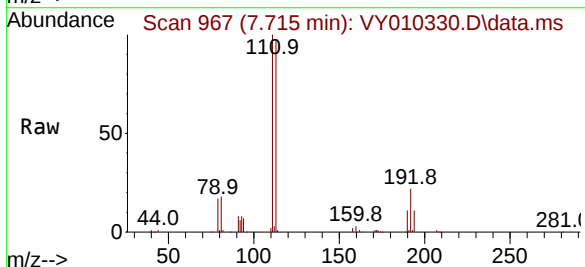
Tgt Ion:113 Resp: 142798

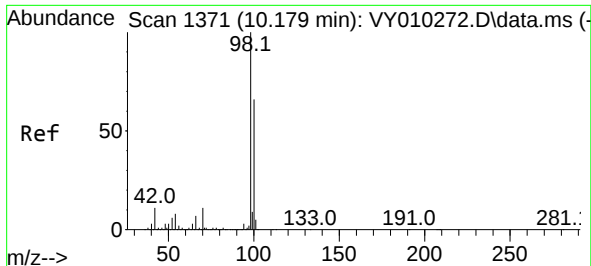
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 20.9 17.6 26.4

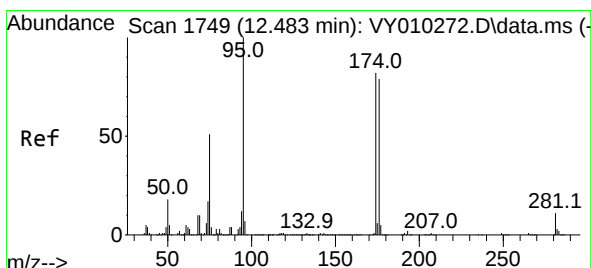
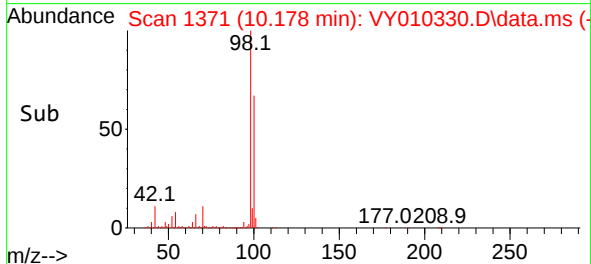
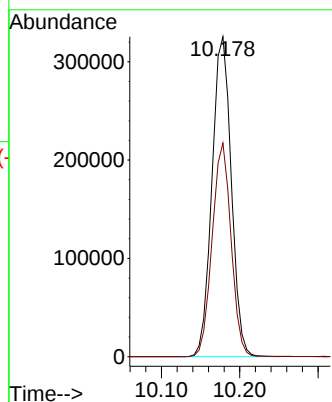
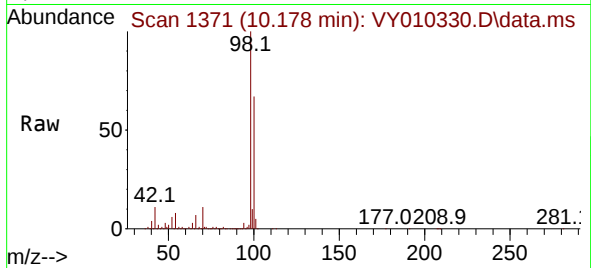




#50
Toluene-d8
Concen: 52.279 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010330.D
Acq: 03 Sep 2022 19:06

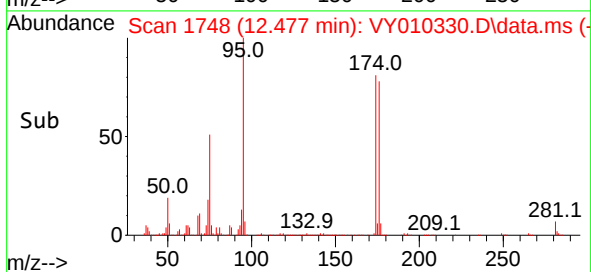
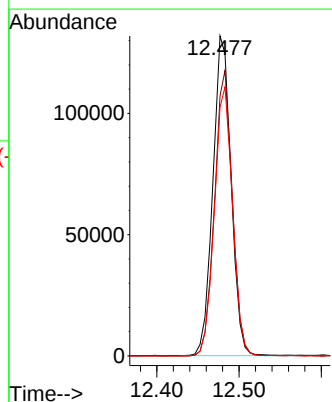
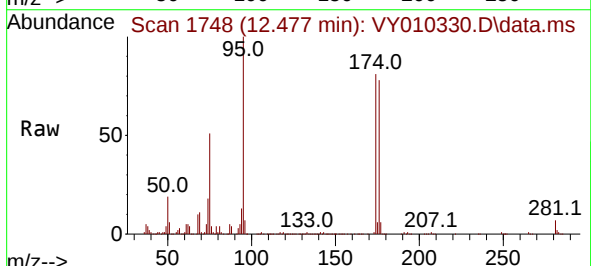
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-7.5-8.0

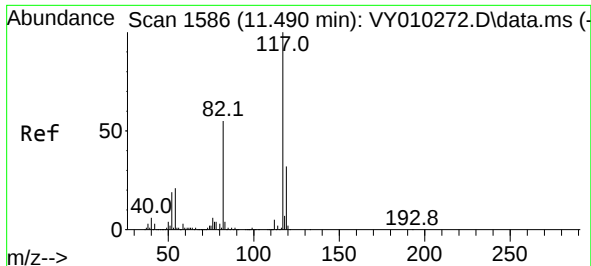
Tgt Ion: 98 Resp: 556579
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.153 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010330.D
Acq: 03 Sep 2022 19:06

Tgt Ion: 95 Resp: 202576
Ion Ratio Lower Upper
95 100
174 87.6 0.0 177.0
176 84.2 0.0 175.8

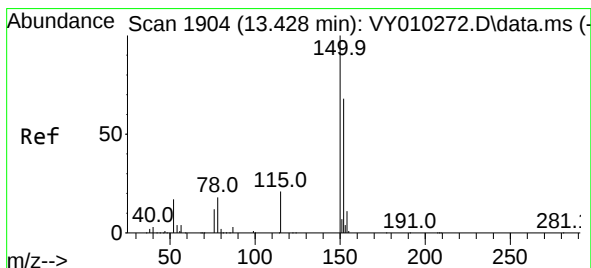
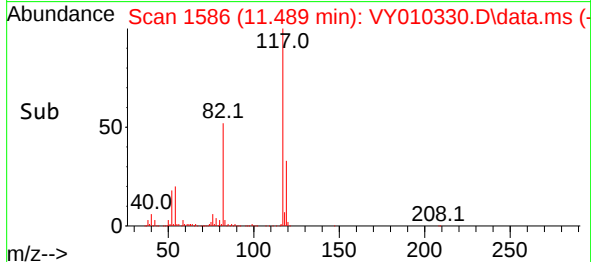
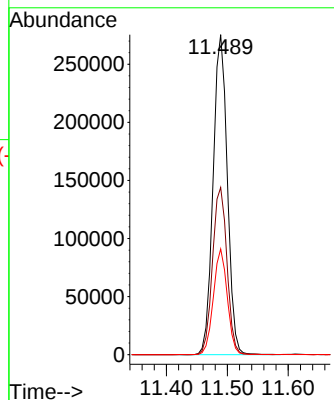
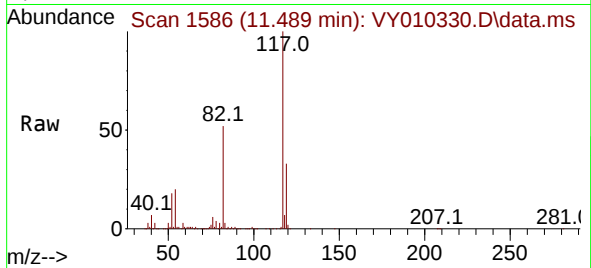




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010330.D
Acq: 03 Sep 2022 19:06

Instrument :
MSVOA_Y
ClientSampleId :
SB-08-7.5-8.0

Tgt Ion:117 Resp: 446102
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 33.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY010330.D
Acq: 03 Sep 2022 19:06

Tgt Ion:152 Resp: 215026
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 154.6 0.0 347.6

