

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
 Data File : VY010431.D
 Acq On : 09 Sep 2022 20:29
 Operator : KP/MD
 Sample : N4530-07
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-20-7.5-8.0

Quant Time: Sep 10 00:00:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	197054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	326702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	309431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	144431	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	110691	55.773	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.540%
35) Dibromofluoromethane	7.716	113	101603	43.789	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.580%
50) Toluene-d8	10.179	98	388814	51.705	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.420%
62) 4-Bromofluorobenzene	12.483	95	132668	43.738	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.480%

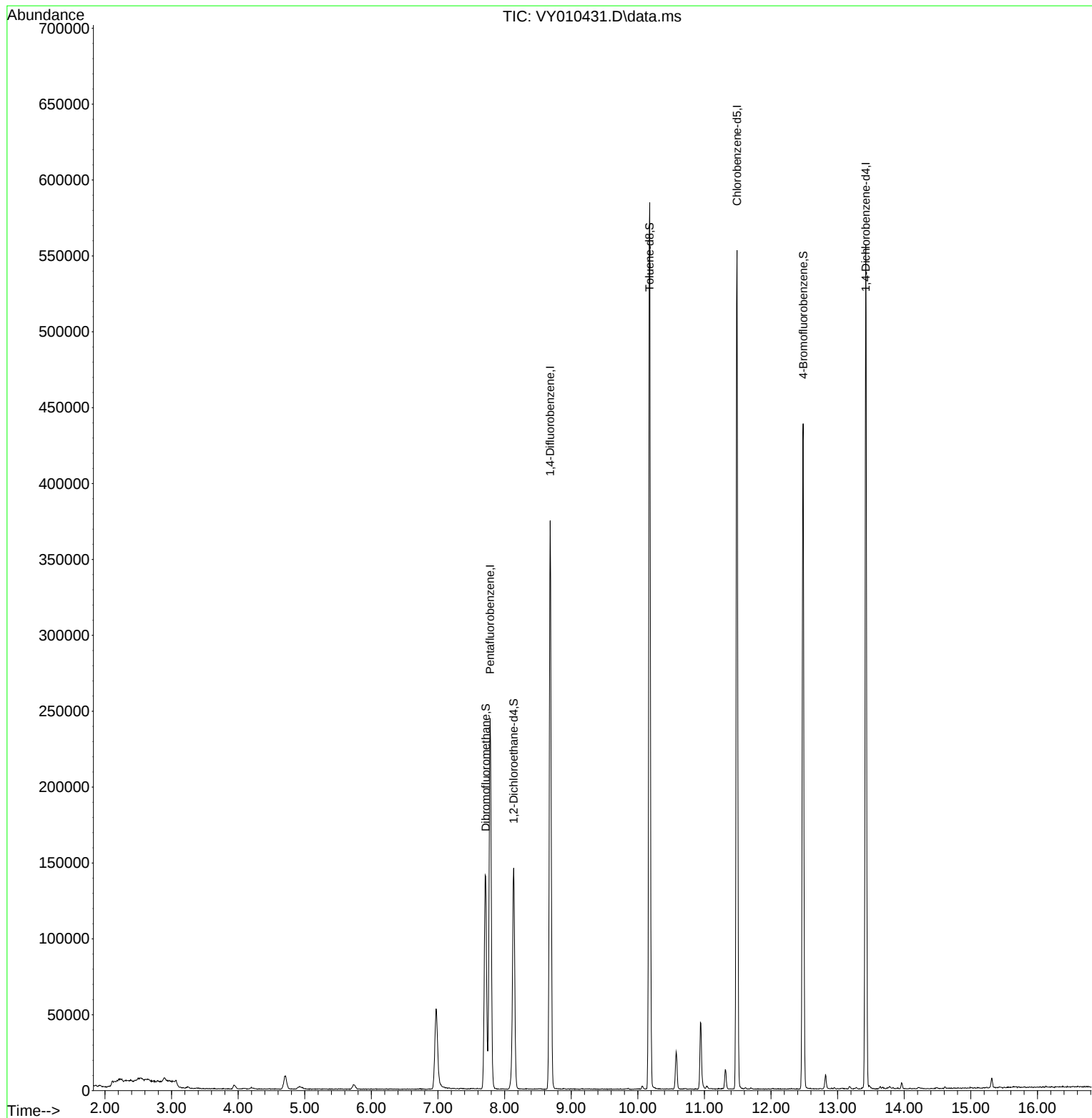
Target Compounds	Qvalue

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

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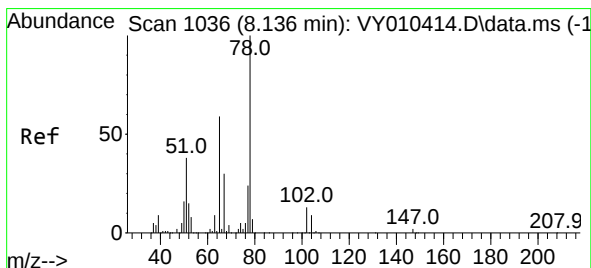
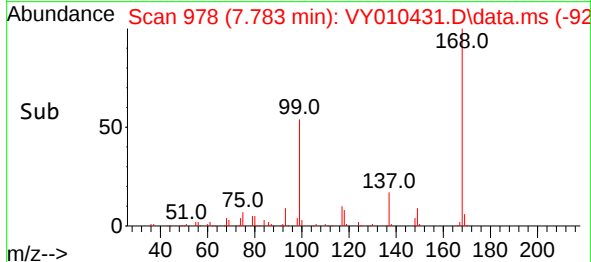
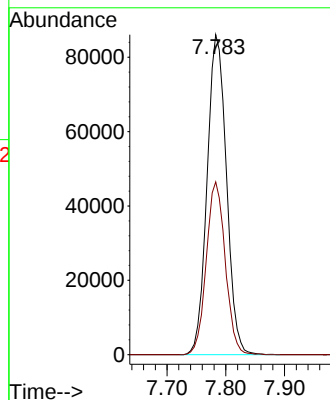
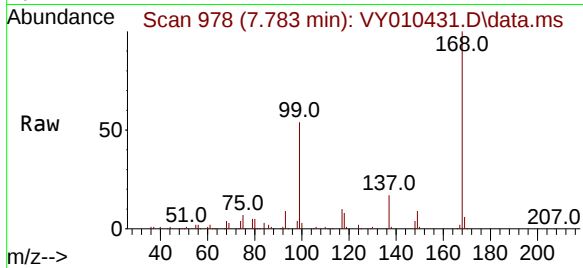




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010431.D
Acq: 09 Sep 2022 20:29

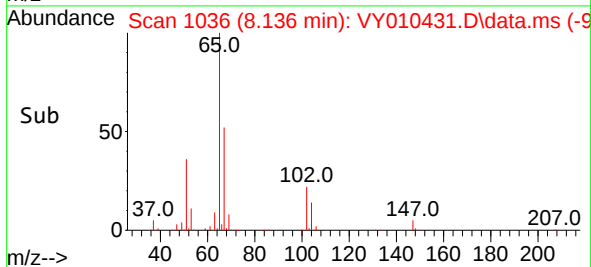
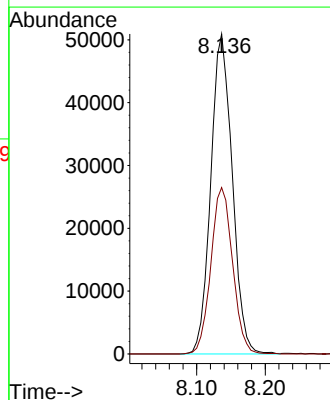
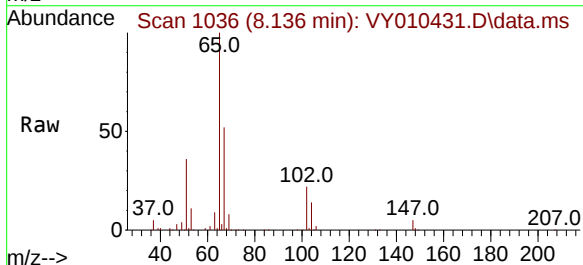
Instrument :
MSVOA_Y
ClientSampleId :
SB-20-7.5-8.0

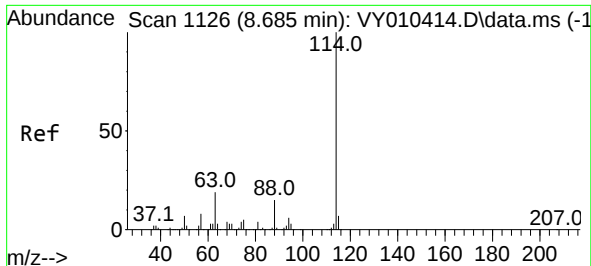
Tgt Ion:168 Resp: 197054
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.773 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010431.D
Acq: 09 Sep 2022 20:29

Tgt Ion: 65 Resp: 110691
Ion Ratio Lower Upper
65 100
67 52.6 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: VY010431.D

Acq: 09 Sep 2022 20:29

Instrument :

MSVOA_Y

ClientSampleId :

SB-20-7.5-8.0

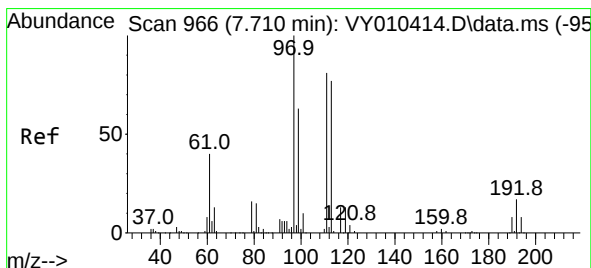
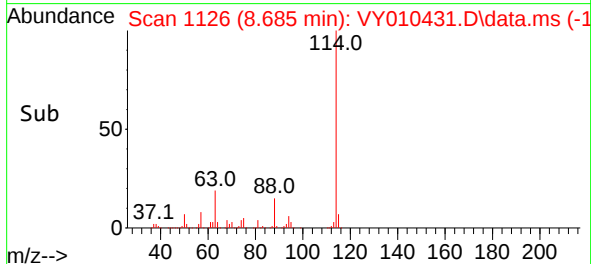
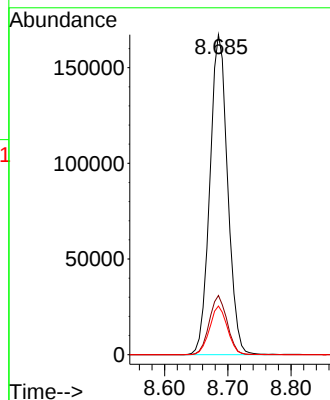
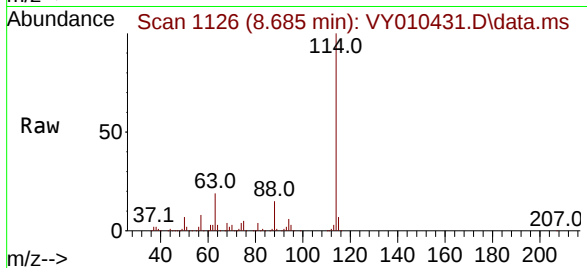
Tgt Ion:114 Resp: 326702

Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.789 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010431.D

Acq: 09 Sep 2022 20:29

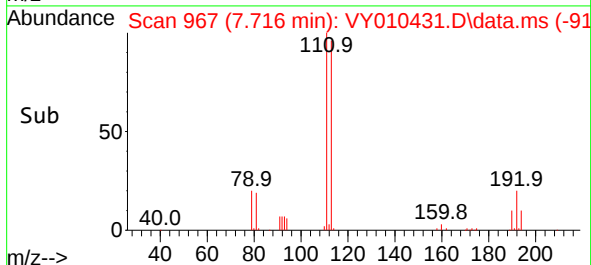
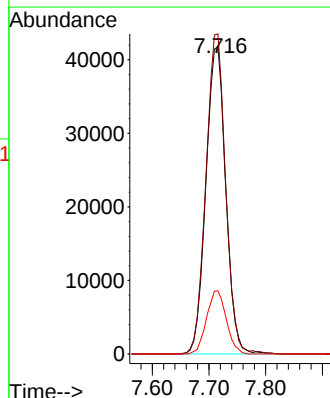
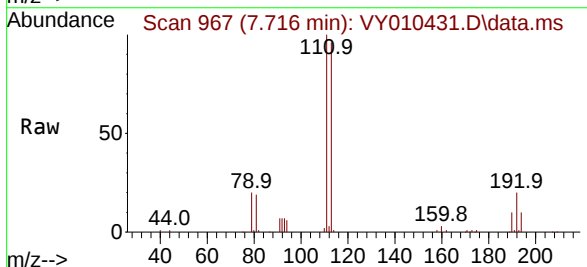
Tgt Ion:113 Resp: 101603

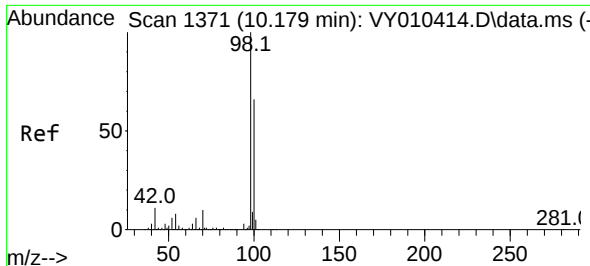
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 20.4 17.6 26.4

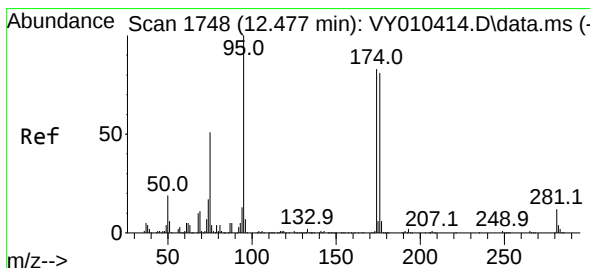
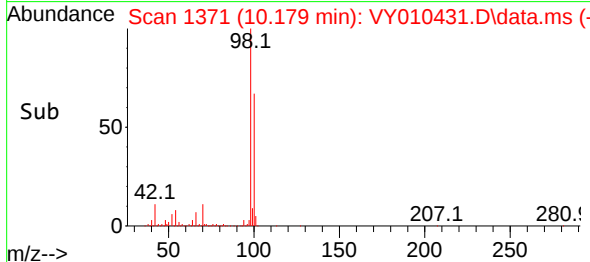
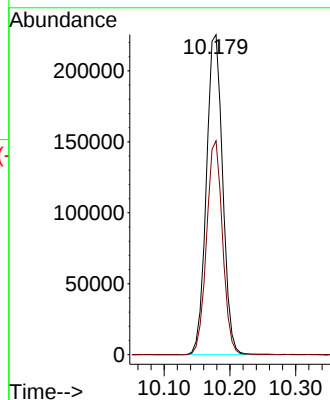
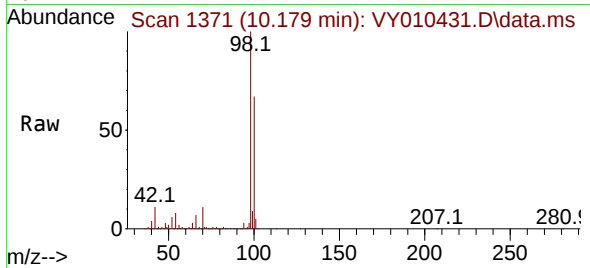




#50
Toluene-d8
Concen: 51.705 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010431.D
Acq: 09 Sep 2022 20:29

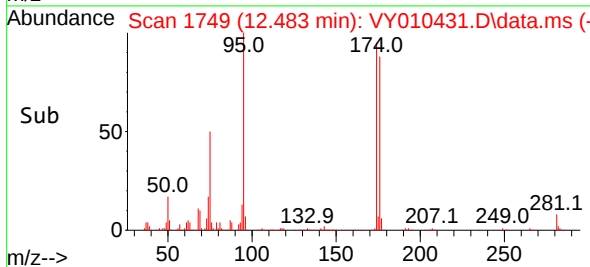
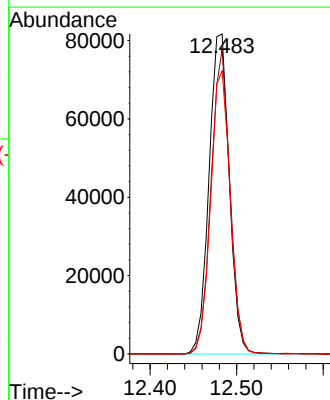
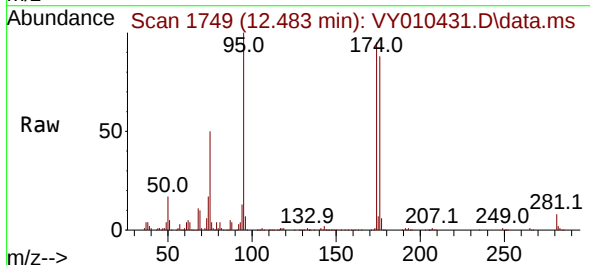
Instrument :
MSVOA_Y
ClientSampleId :
SB-20-7.5-8.0

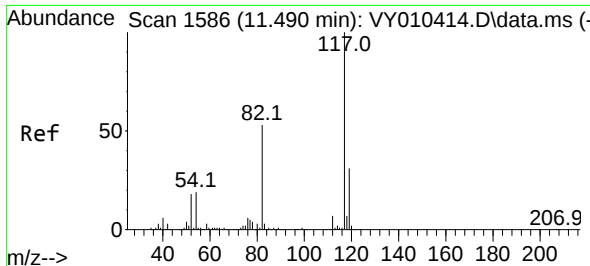
Tgt Ion: 98 Resp: 388814
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.738 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010431.D
Acq: 09 Sep 2022 20:29

Tgt Ion: 95 Resp: 132668
Ion Ratio Lower Upper
95 100
174 89.2 0.0 177.0
176 85.8 0.0 175.8

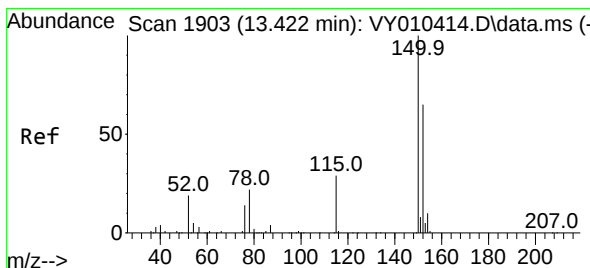
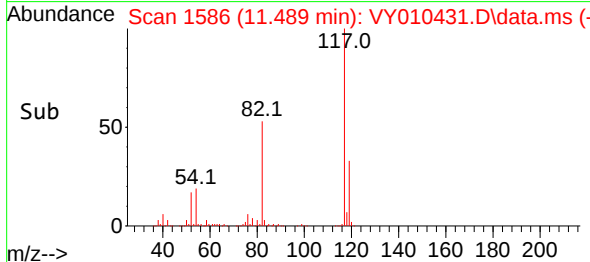
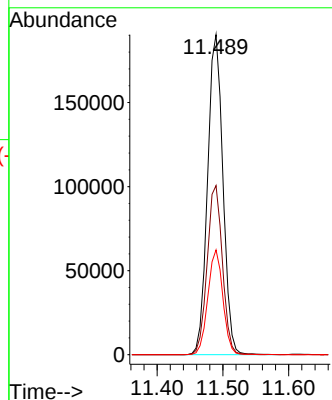
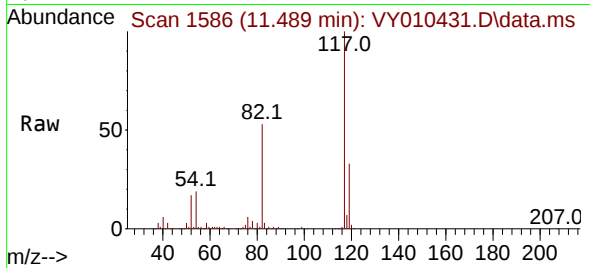




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010431.D
Acq: 09 Sep 2022 20:29

Instrument :
MSVOA_Y
ClientSampleId :
SB-20-7.5-8.0

Tgt Ion:117 Resp: 309431
Ion Ratio Lower Upper
117 100
82 52.8 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: VY010431.D
Acq: 09 Sep 2022 20:29

Tgt Ion:152 Resp: 144431
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 158.7 0.0 347.6

