

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091522\
 Data File : VY010501.D
 Acq On : 15 Sep 2022 11:24
 Operator : KP/MD
 Sample : VY0915SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0915SBL01

Quant Time: Sep 15 12:08:26 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	217402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	351053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	310112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150099	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	117572	53.696	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.400%
35) Dibromofluoromethane	7.716	113	116238	46.622	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.240%
50) Toluene-d8	10.179	98	411813	50.965	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.940%
62) 4-Bromofluorobenzene	12.483	95	143290	44.000	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.000%

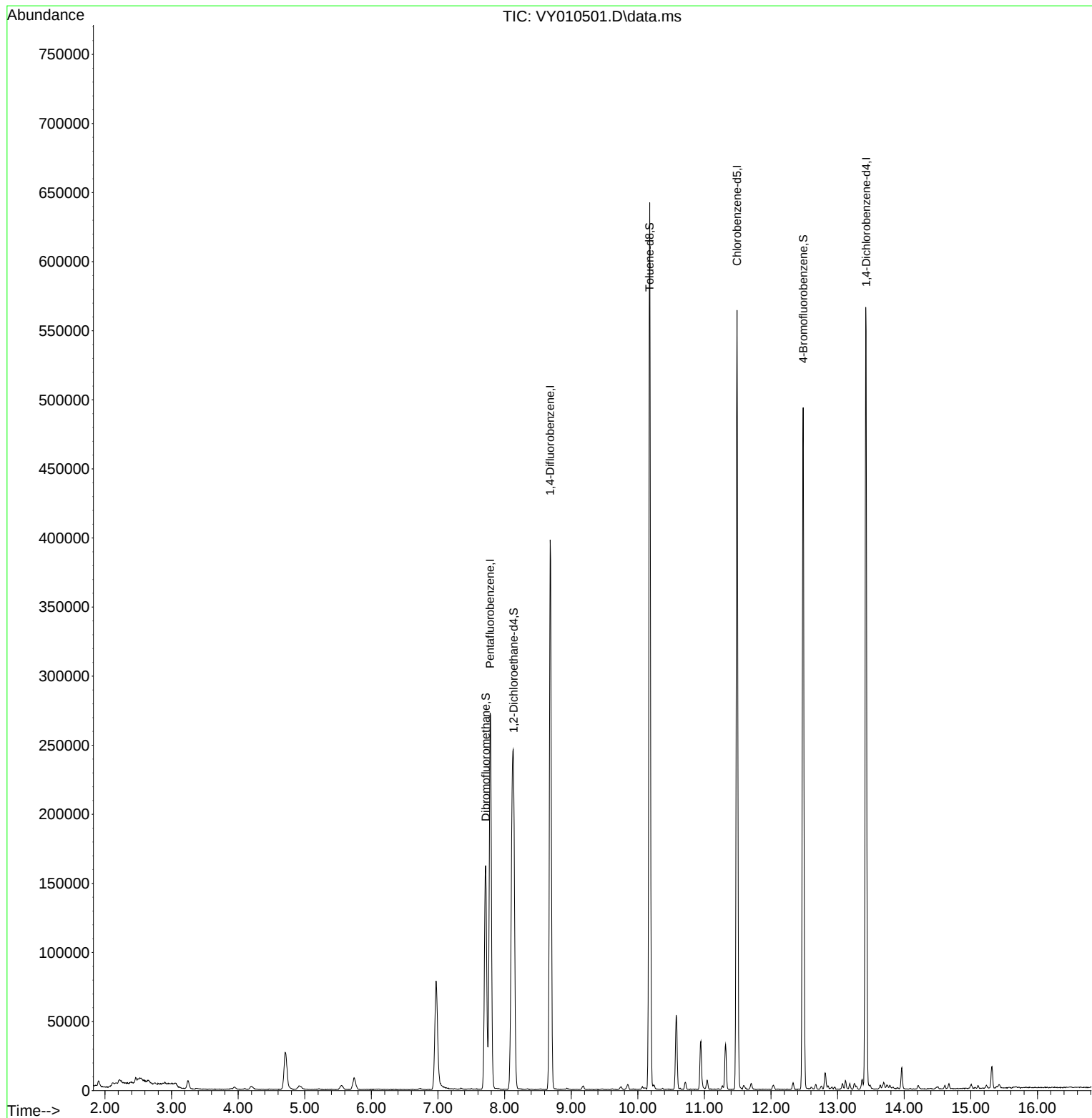
Target Compounds	Qvalue

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

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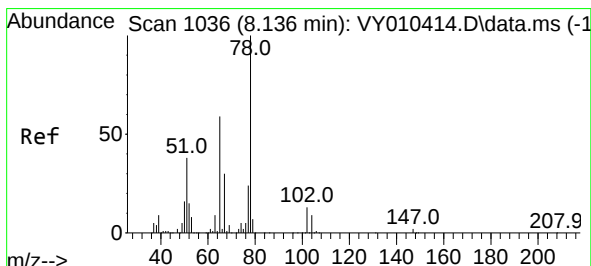
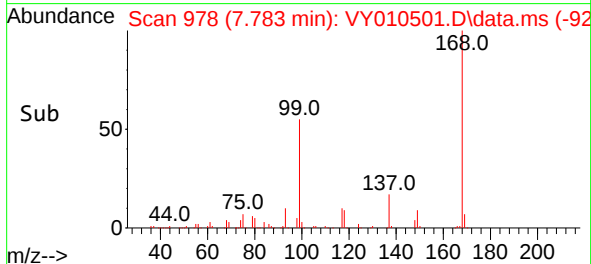
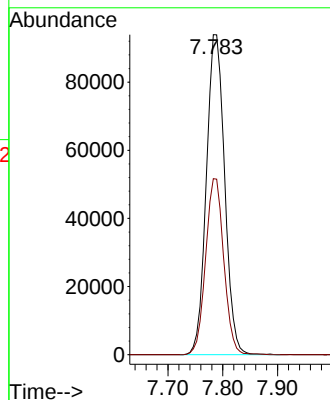
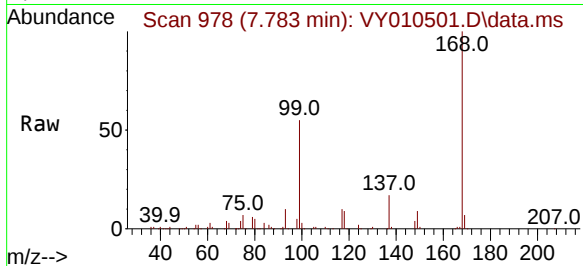




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010501.D
Acq: 15 Sep 2022 11:24

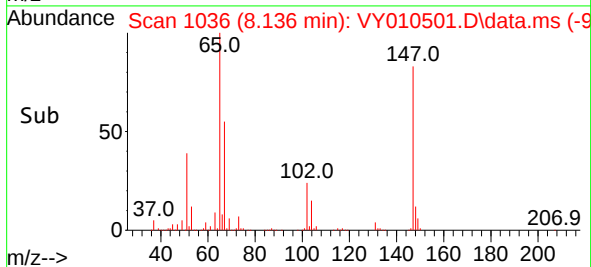
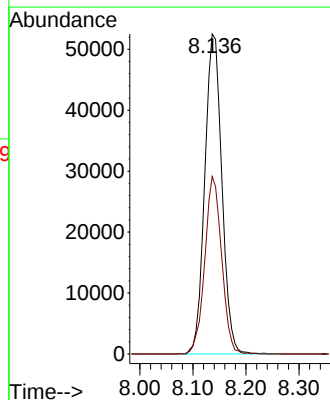
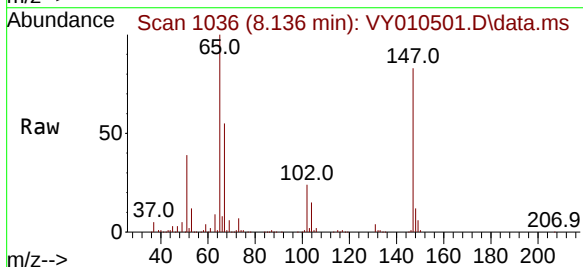
Instrument :
MSVOA_Y
ClientSampleId :
VY0915SBL01

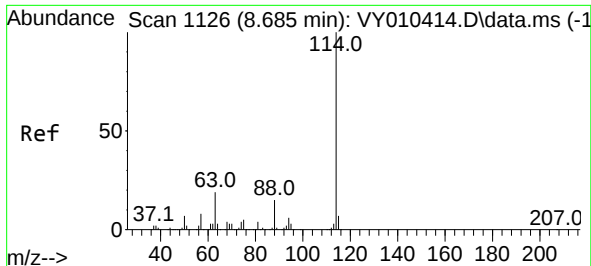
Tgt Ion:168 Resp: 217402
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.696 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010501.D
Acq: 15 Sep 2022 11:24

Tgt Ion: 65 Resp: 117572
Ion Ratio Lower Upper
65 100
67 54.8 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: VY010501.D

Acq: 15 Sep 2022 11:24

Instrument :

MSVOA_Y

ClientSampleId :

VY0915SBL01

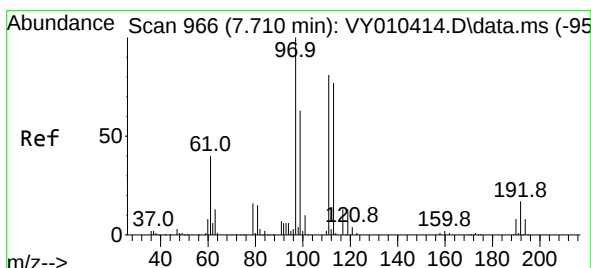
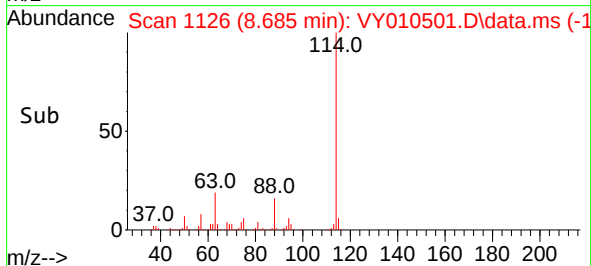
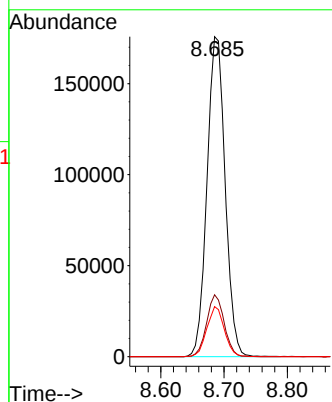
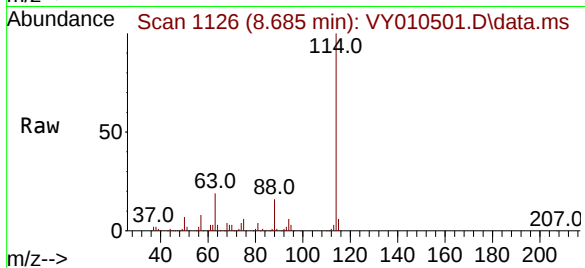
Tgt Ion:114 Resp: 351053

Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 15.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 46.622 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010501.D

Acq: 15 Sep 2022 11:24

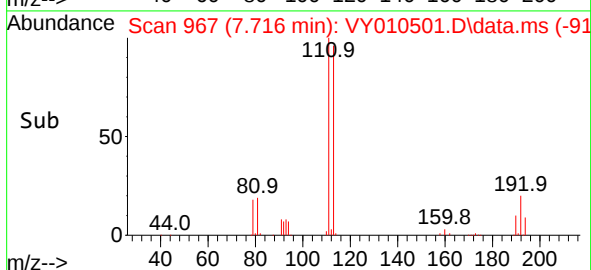
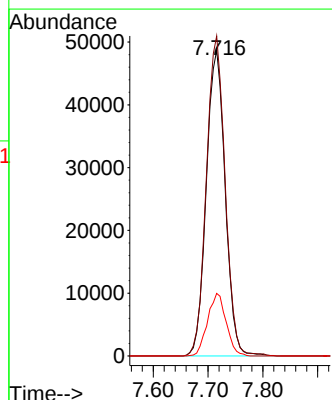
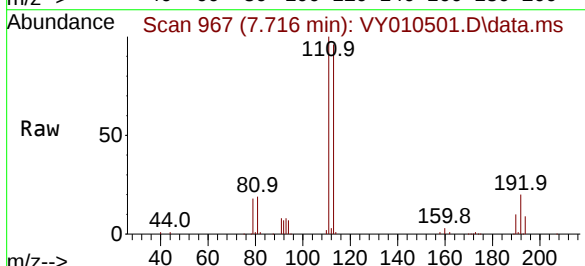
Tgt Ion:113 Resp: 116238

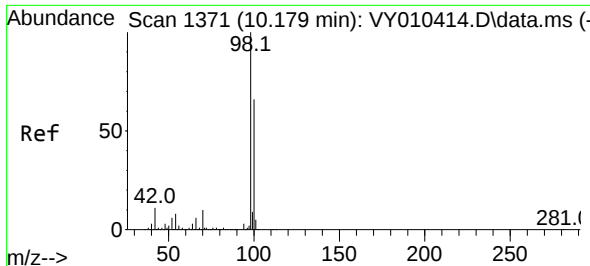
Ion Ratio Lower Upper

113 100

111 104.1 82.6 124.0

192 20.1 17.6 26.4

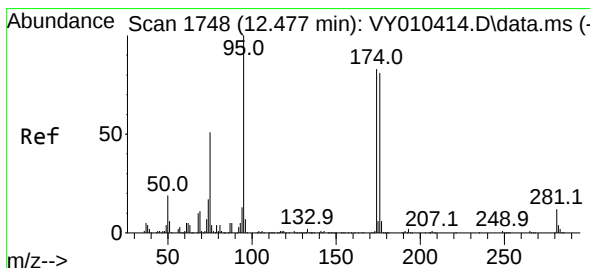
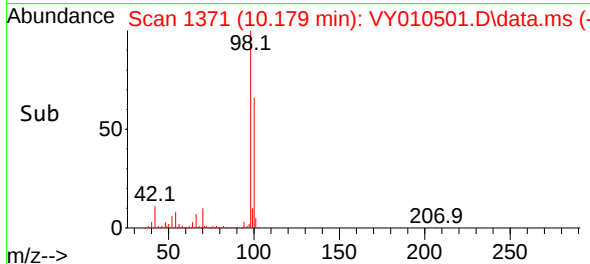
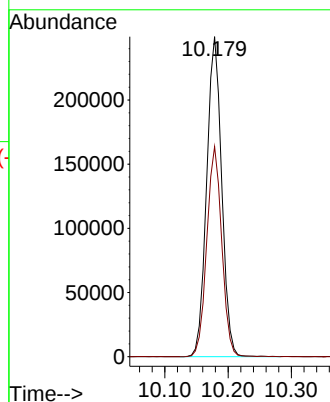
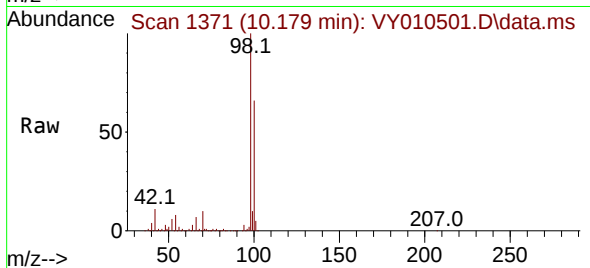




#50
Toluene-d8
Concen: 50.965 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010501.D
Acq: 15 Sep 2022 11:24

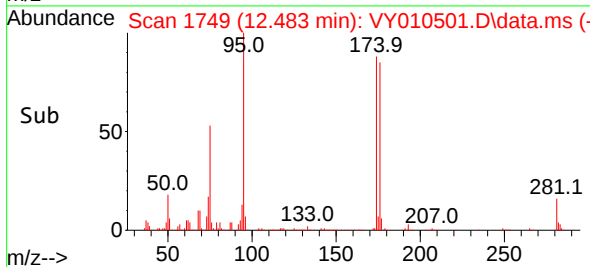
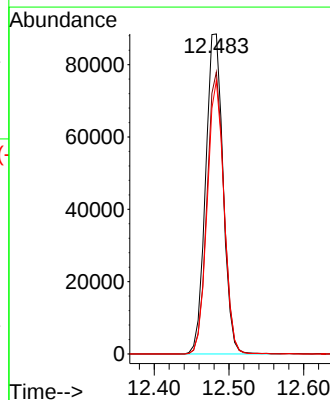
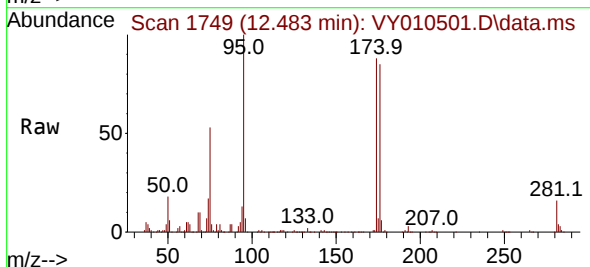
Instrument :
MSVOA_Y
ClientSampleId :
VY0915SBL01

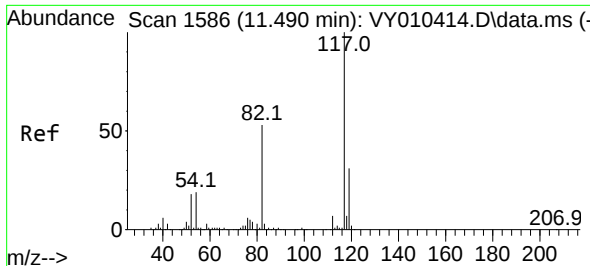
Tgt Ion: 98 Resp: 411813
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.000 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010501.D
Acq: 15 Sep 2022 11:24

Tgt Ion: 95 Resp: 143290
Ion Ratio Lower Upper
95 100
174 85.6 0.0 177.0
176 82.2 0.0 175.8

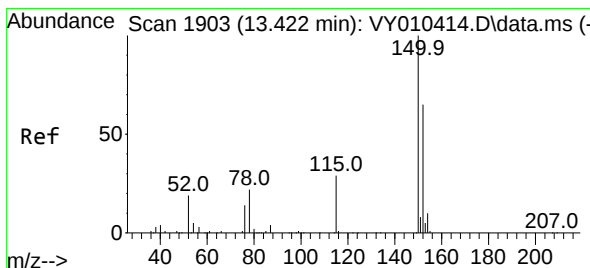
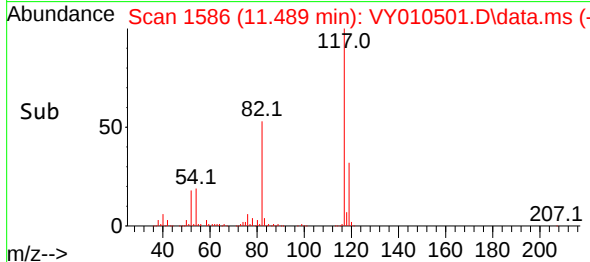
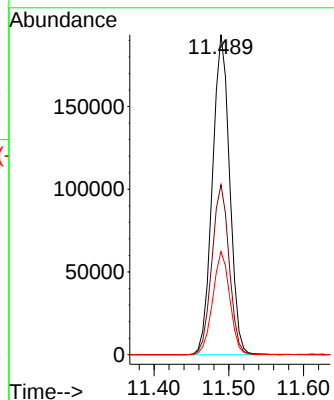
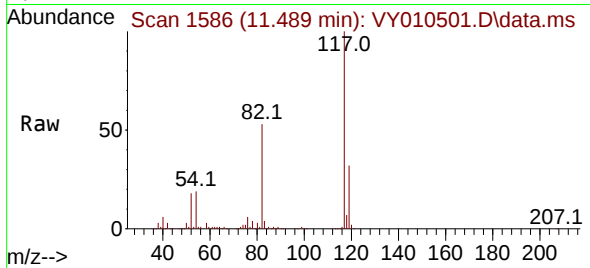




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010501.D
Acq: 15 Sep 2022 11:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0915SBL01

Tgt Ion:117 Resp: 310112
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010501.D
Acq: 15 Sep 2022 11:24

Tgt Ion:152 Resp: 150099
Ion Ratio Lower Upper
152 100
115 57.6 28.2 84.7
150 157.3 0.0 347.6

