

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091522\
 Data File : VY010519.D
 Acq On : 15 Sep 2022 18:23
 Operator : KP/MD
 Sample : N4630-24
 Misc : 4.83g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-17-4-5-GR

Quant Time: Sep 16 02:57:19 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	185645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	319350	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	276092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	86011	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	109277	58.445	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.880%
35) Dibromofluoromethane	7.716	113	101026	44.543	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.080%
50) Toluene-d8	10.179	98	373441	50.804	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.600%
62) 4-Bromofluorobenzene	12.477	95	102841	33.233	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	66.460%

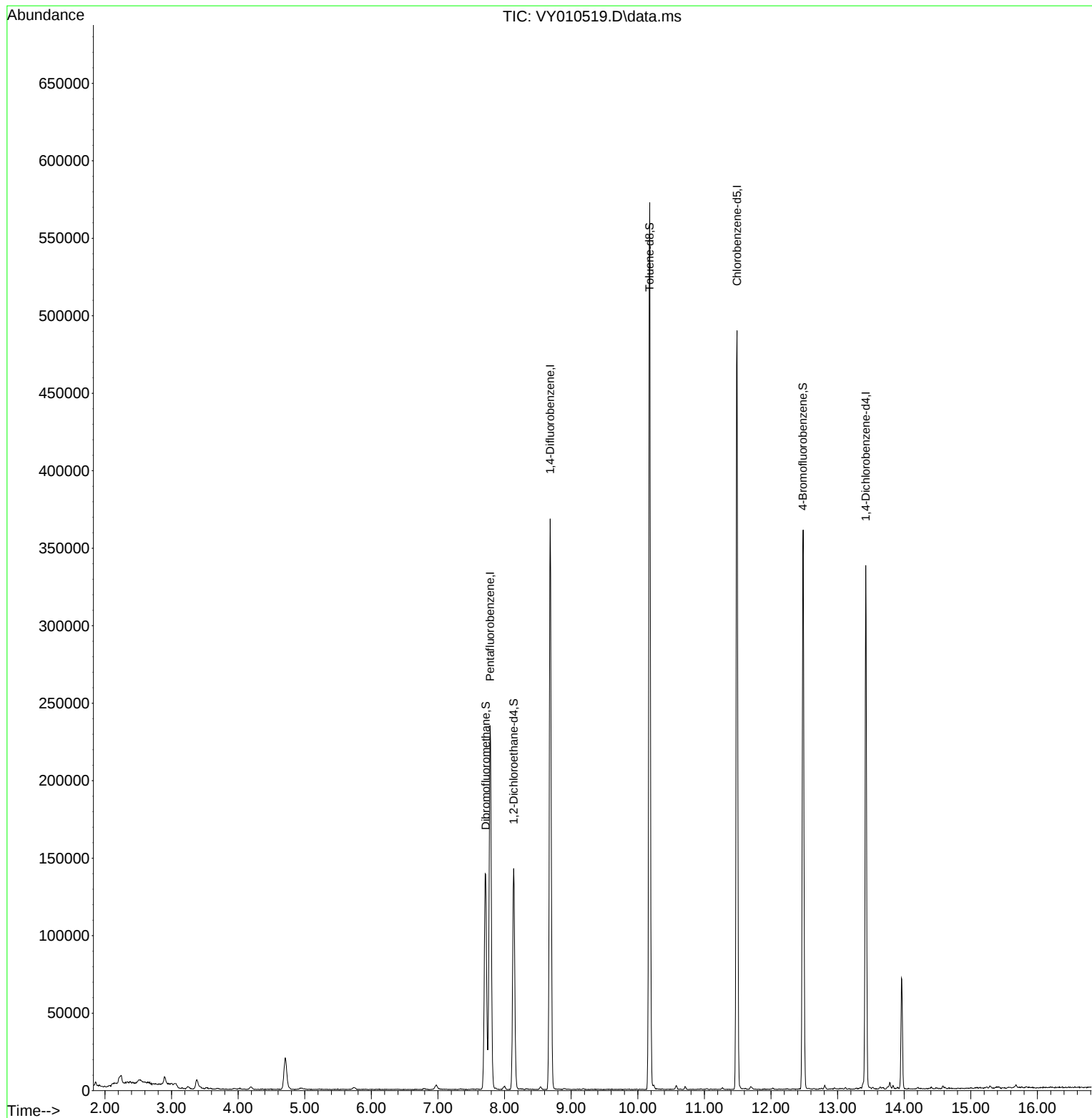
Target Compounds	Qvalue

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

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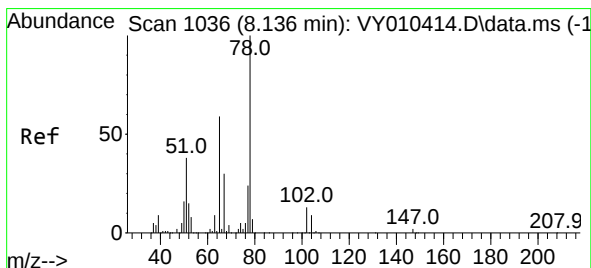
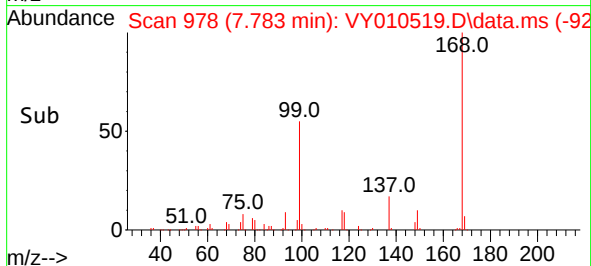
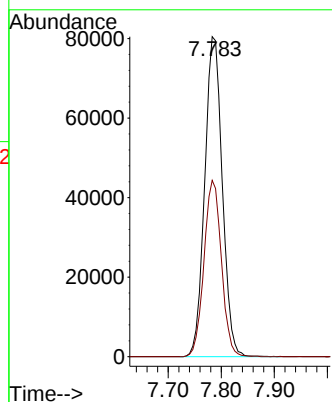
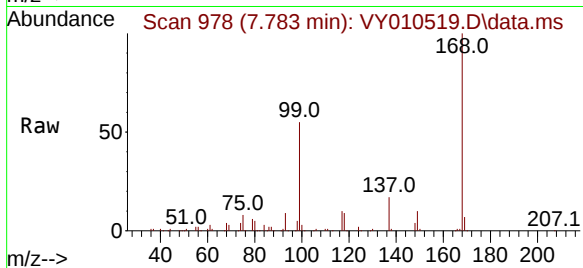




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010519.D
Acq: 15 Sep 2022 18:23

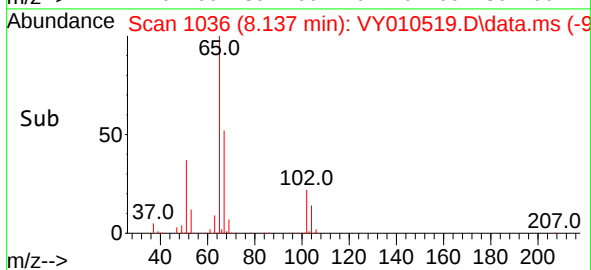
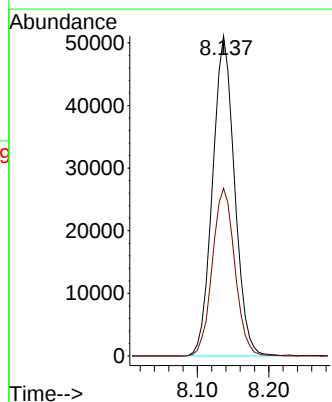
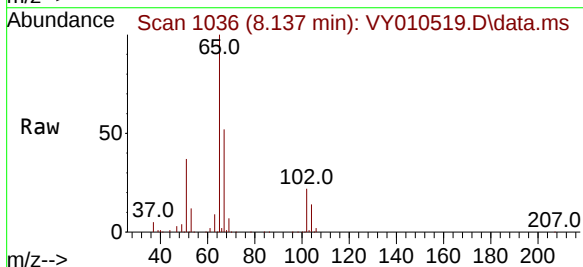
Instrument :
MSVOA_Y
ClientSampleId :
WC-17-4-5-GR

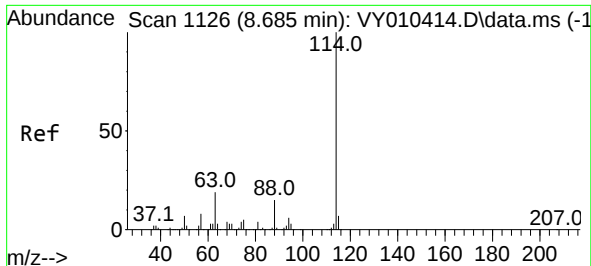
Tgt Ion:168 Resp: 185645
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 58.445 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY010519.D
Acq: 15 Sep 2022 18:23

Tgt Ion: 65 Resp: 109277
Ion Ratio Lower Upper
65 100
67 53.5 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: VY010519.D

Acq: 15 Sep 2022 18:23

Instrument :

MSVOA_Y

ClientSampleId :

WC-17-4-5-GR

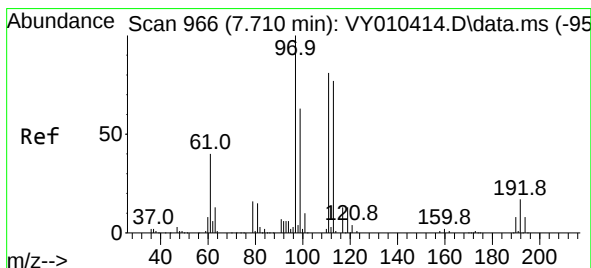
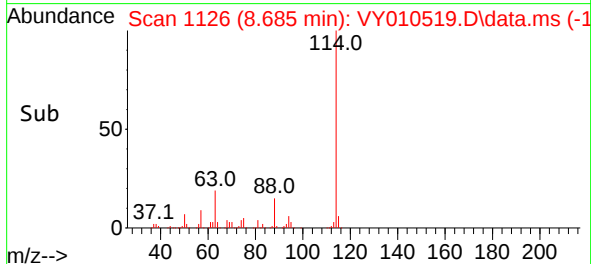
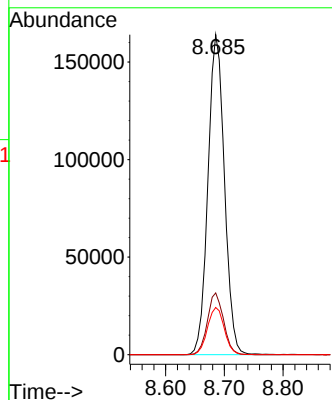
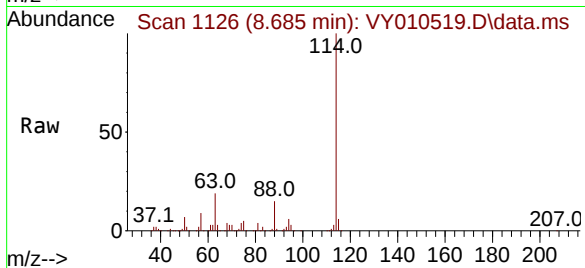
Tgt Ion:114 Resp: 319350

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.543 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010519.D

Acq: 15 Sep 2022 18:23

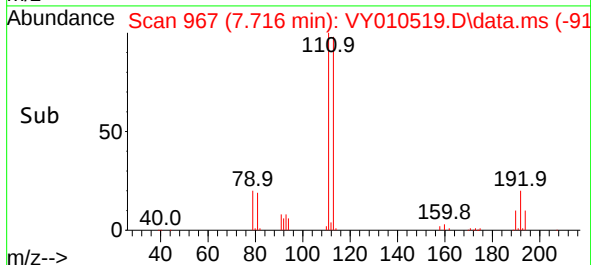
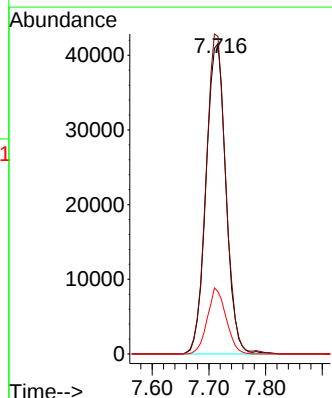
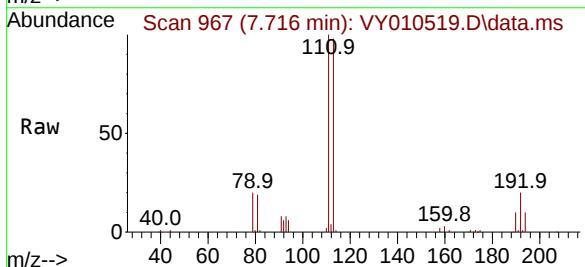
Tgt Ion:113 Resp: 101026

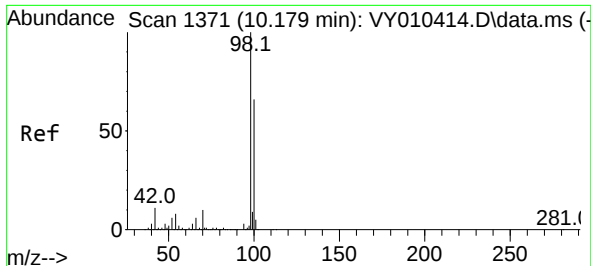
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 20.0 17.6 26.4

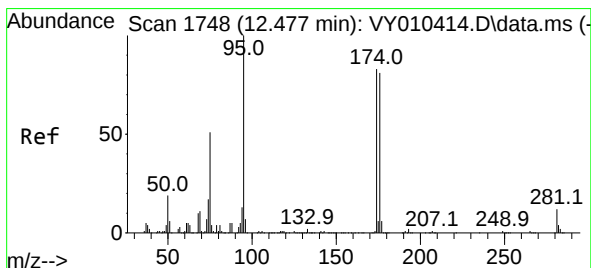
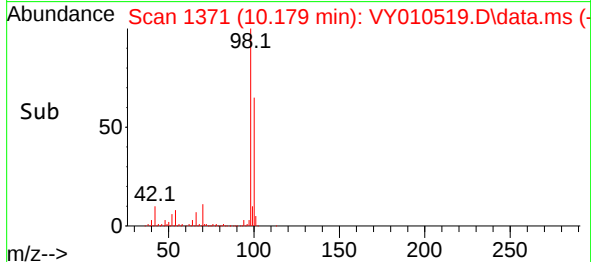
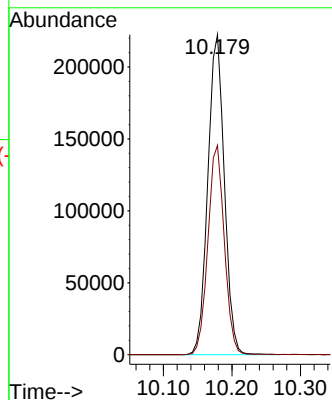
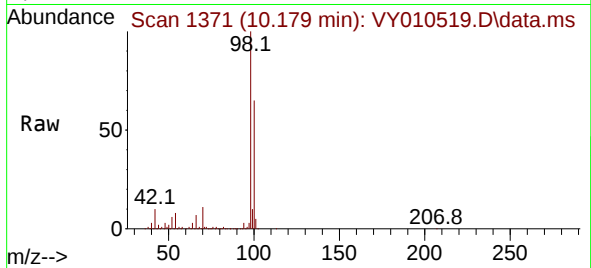




#50
Toluene-d8
Concen: 50.804 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010519.D
Acq: 15 Sep 2022 18:23

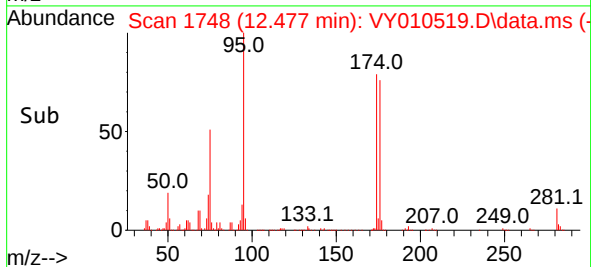
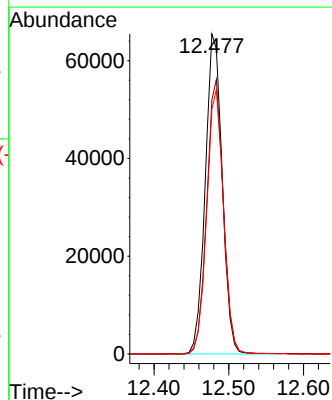
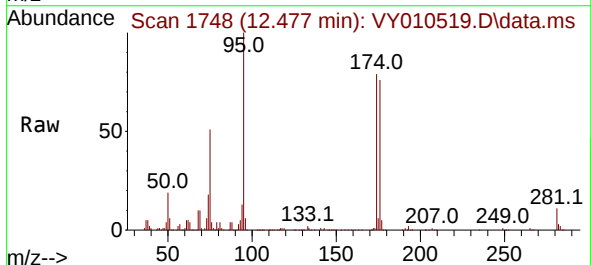
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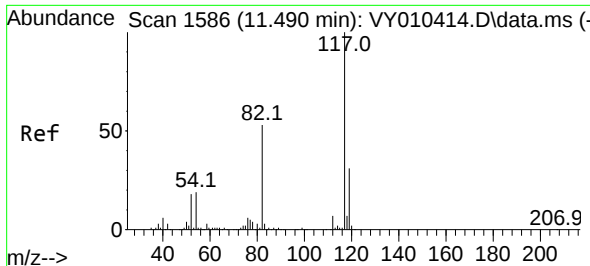
Tgt Ion: 98 Resp: 373441
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 33.233 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010519.D
Acq: 15 Sep 2022 18:23

Tgt Ion: 95 Resp: 102841
Ion Ratio Lower Upper
95 100
174 84.4 0.0 177.0
176 81.9 0.0 175.8

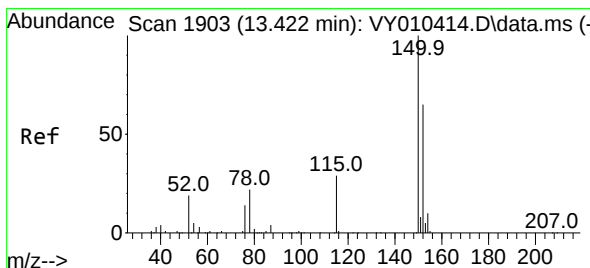
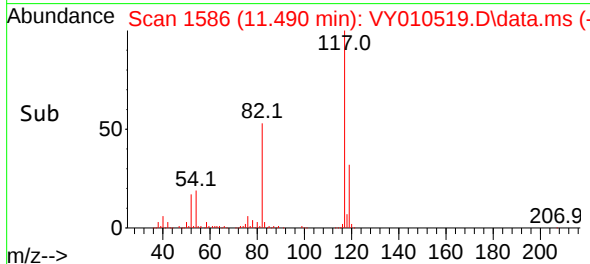
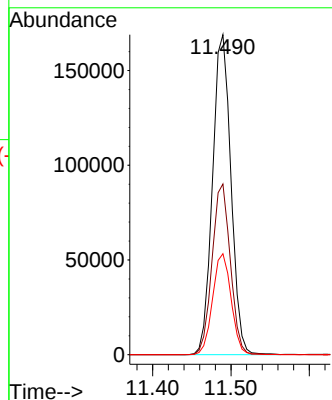
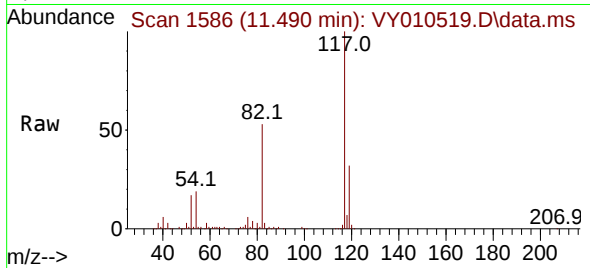




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010519.D
Acq: 15 Sep 2022 18:23

Instrument :
MSVOA_Y
ClientSampleId :
WC-17-4-5-GR

Tgt Ion:117 Resp: 276092
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 31.6 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: VY010519.D
Acq: 15 Sep 2022 18:23

Tgt Ion:152 Resp: 86011
Ion Ratio Lower Upper
152 100
115 58.2 28.2 84.7
150 157.0 0.0 347.6

