

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102522\
 Data File : VY011091.D
 Acq On : 25 Oct 2022 12:38
 Operator : KP/MD
 Sample : N5238-05
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-251375

Quant Time: Oct 26 08:38:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	252731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	432287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	384408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	179147	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	157770	67.770	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.540%
35) Dibromofluoromethane	7.716	113	163215	68.532	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	137.060%
50) Toluene-d8	10.179	98	533757	59.134	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	118.260%
62) 4-Bromofluorobenzene	12.477	95	186561	58.896	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.800%

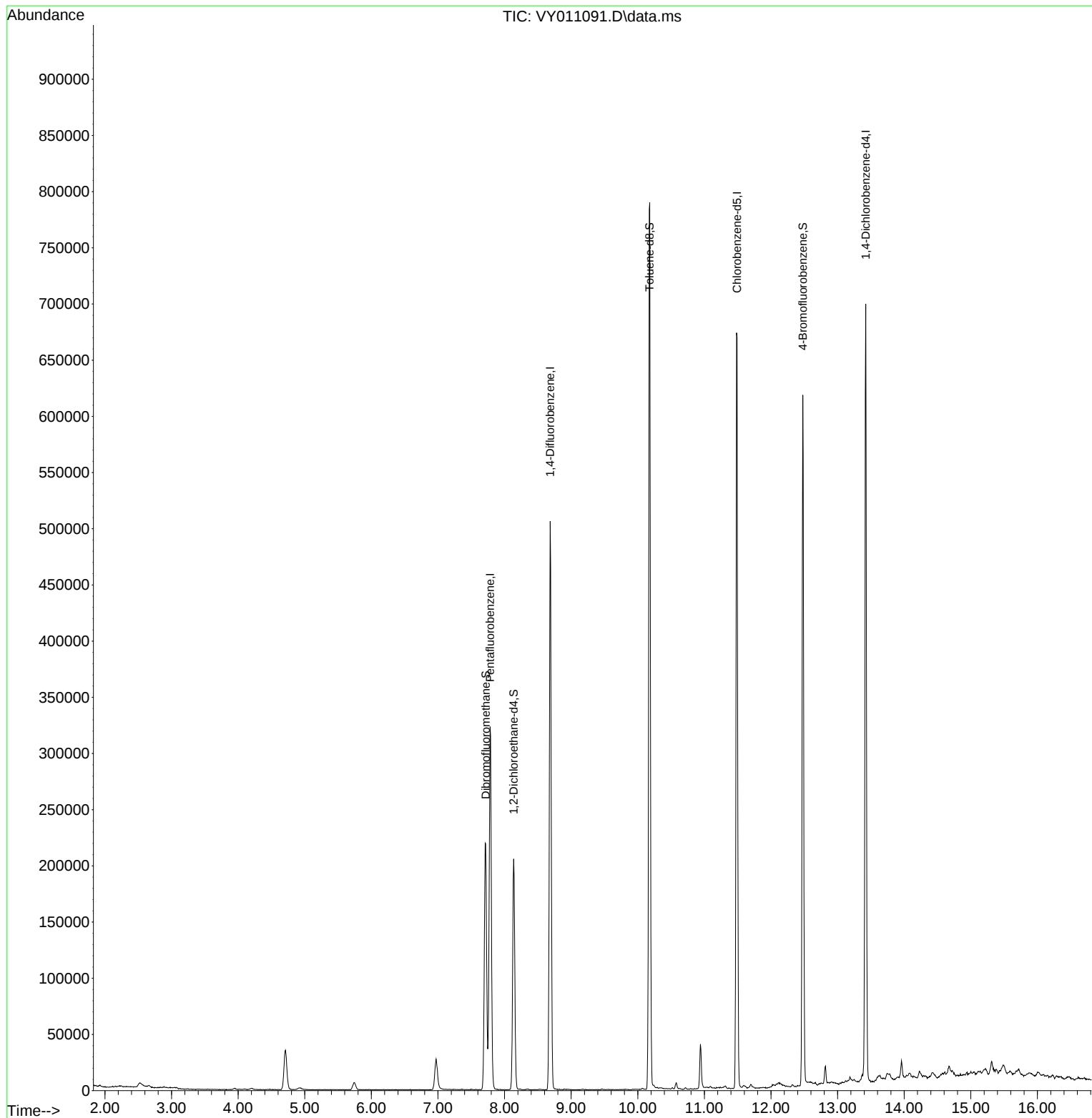
Target Compounds	Qvalue

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

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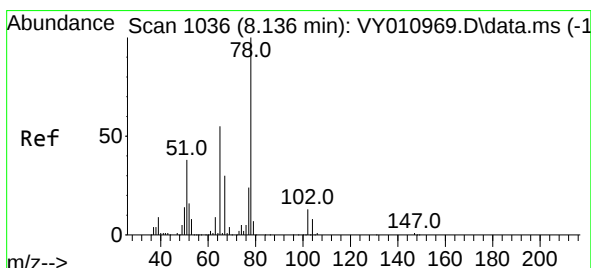
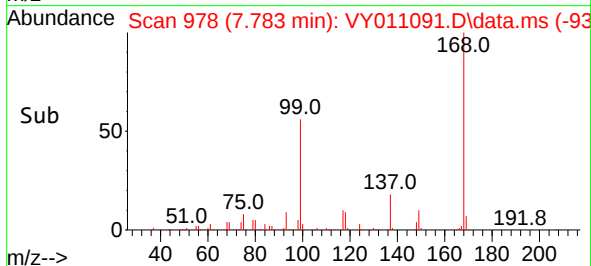
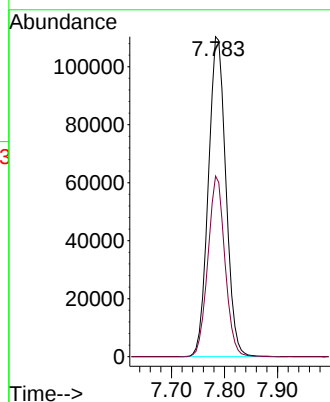
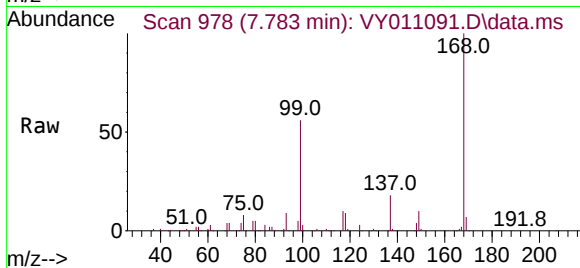




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011091.D
Acq: 25 Oct 2022 12:38

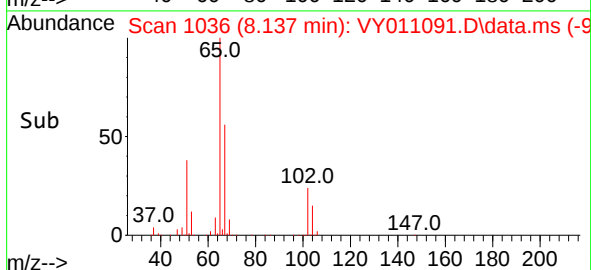
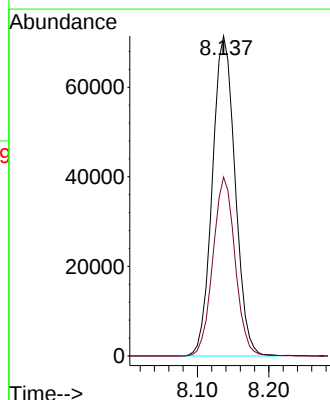
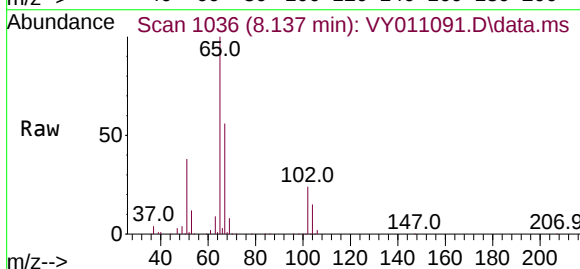
Instrument :
MSVOA_Y
ClientSampleId :
RBR-251375

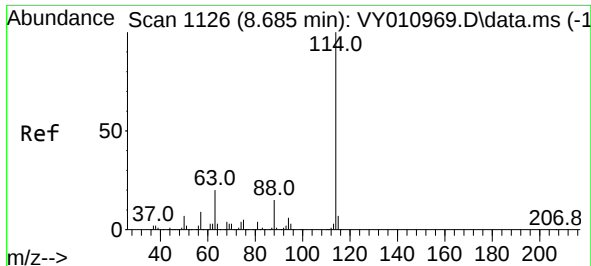
Tgt Ion:168 Resp: 252731
Ion Ratio Lower Upper
168 100
99 56.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 67.770 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY011091.D
Acq: 25 Oct 2022 12:38

Tgt Ion: 65 Resp: 157770
Ion Ratio Lower Upper
65 100
67 54.5 0.0 99.4

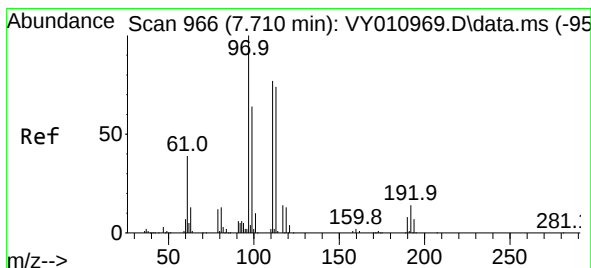
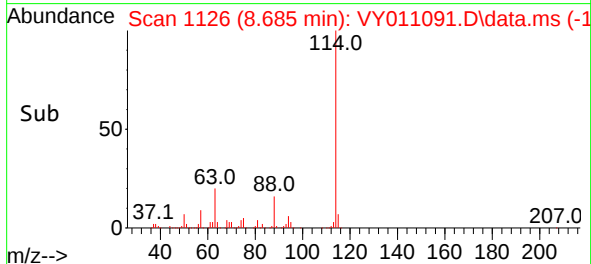
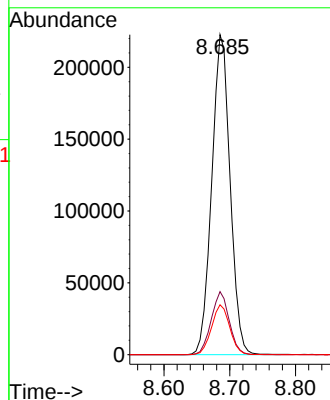
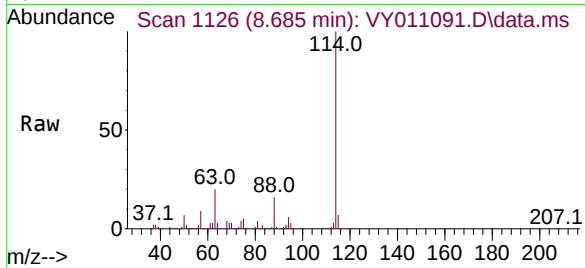




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011091.D
Acq: 25 Oct 2022 12:38

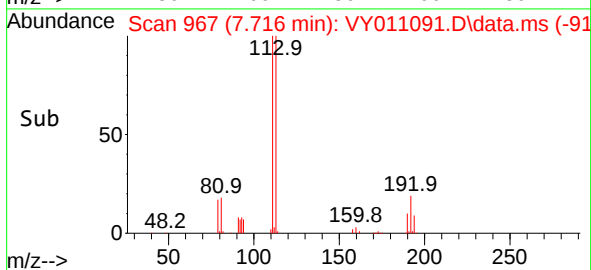
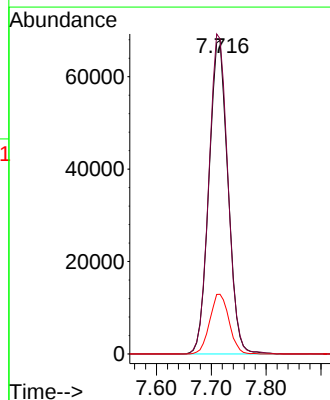
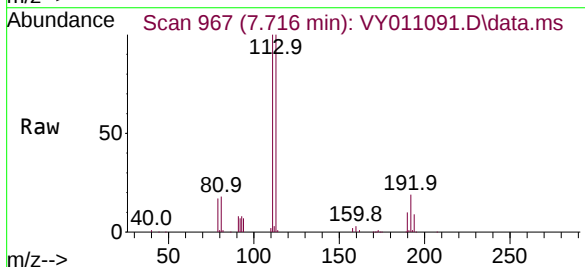
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ClientSampleId :
RBR-251375

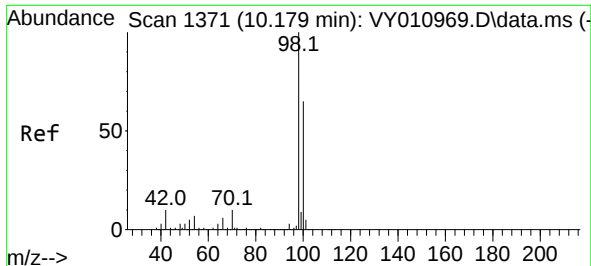
Tgt Ion:114 Resp: 432287
Ion Ratio Lower Upper
114 100
63 19.7 0.0 43.2
88 15.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 68.532 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011091.D
Acq: 25 Oct 2022 12:38

Tgt Ion:113 Resp: 163215
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 19.3 17.6 26.4

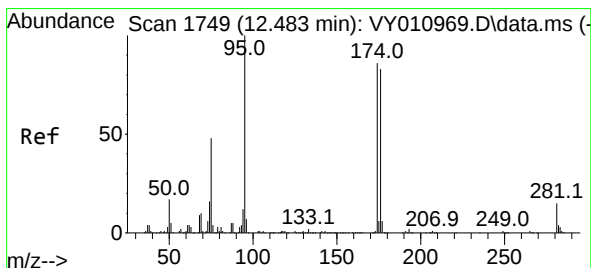
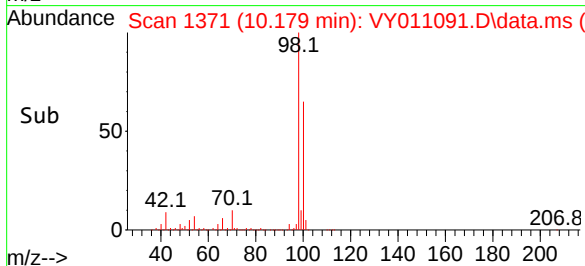
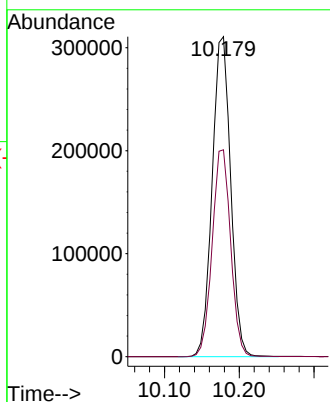
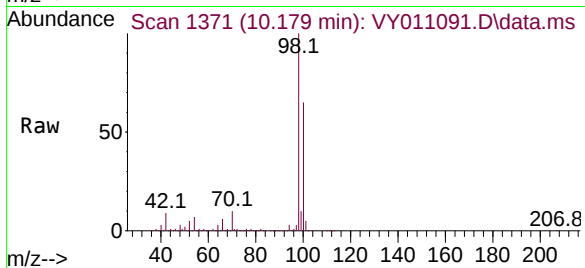




#50
Toluene-d8
Concen: 59.134 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011091.D
Acq: 25 Oct 2022 12:38

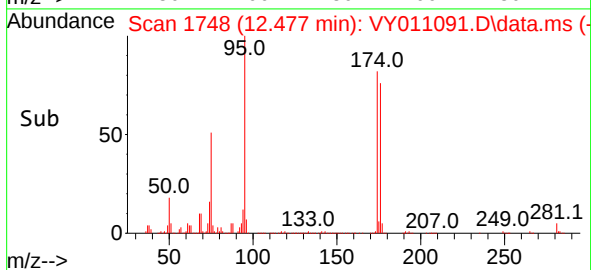
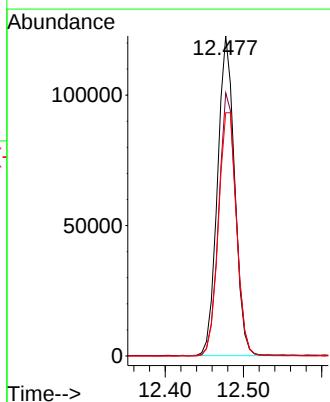
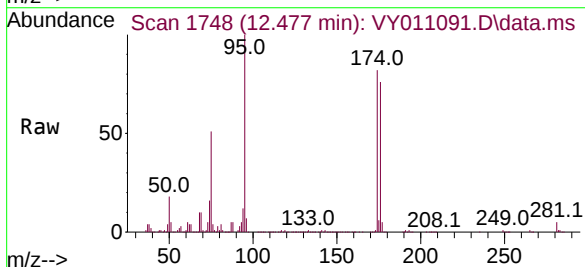
Instrument :
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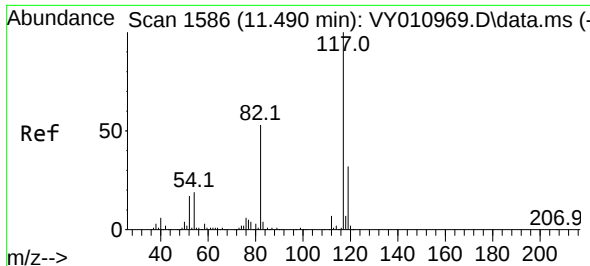
Tgt Ion: 98 Resp: 533757
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 58.896 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011091.D
Acq: 25 Oct 2022 12:38

Tgt Ion: 95 Resp: 186561
Ion Ratio Lower Upper
95 100
174 83.3 0.0 177.0
176 80.2 0.0 175.8

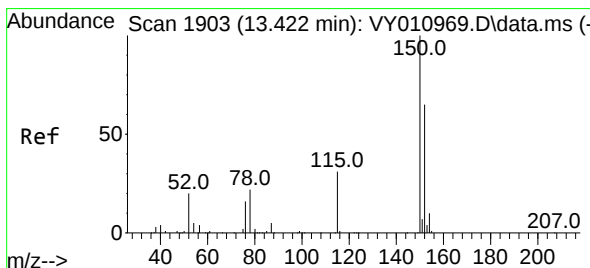
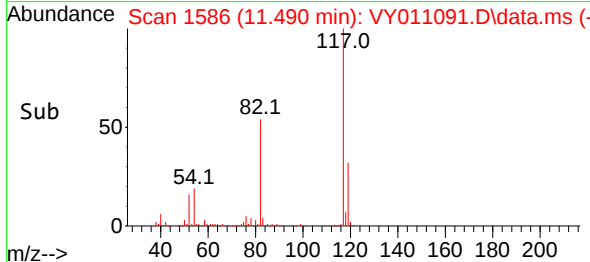
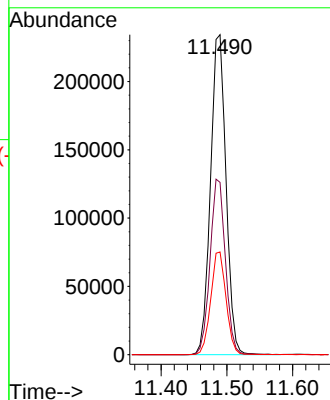
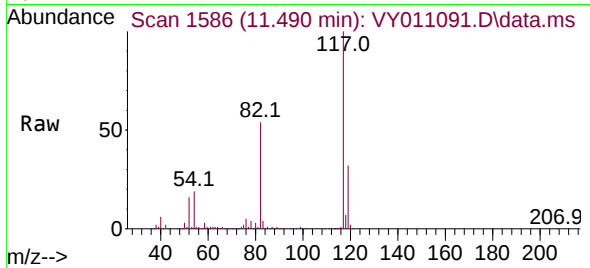




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011091.D
Acq: 25 Oct 2022 12:38

Instrument :
MSVOA_Y
ClientSampleId :
RBR-251375

Tgt Ion:117 Resp: 384408
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 32.1 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: VY011091.D
Acq: 25 Oct 2022 12:38

Tgt Ion:152 Resp: 179147
Ion Ratio Lower Upper
152 100
115 58.8 28.2 84.7
150 157.2 0.0 347.6

