

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092222\
 Data File : VY010619.D
 Acq On : 22 Sep 2022 13:55
 Operator : KP/MD
 Sample : N4712-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-091922

Quant Time: Sep 23 09:02:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	6027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	10972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	11093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3941	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	3686	63.941	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.880%
35) Dibromofluoromethane	7.710	113	1458	20.822	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	41.640%#
50) Toluene-d8	10.179	98	10219	40.144	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	80.280%
62) 4-Bromofluorobenzene	12.483	95	3087	31.122	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	62.240%

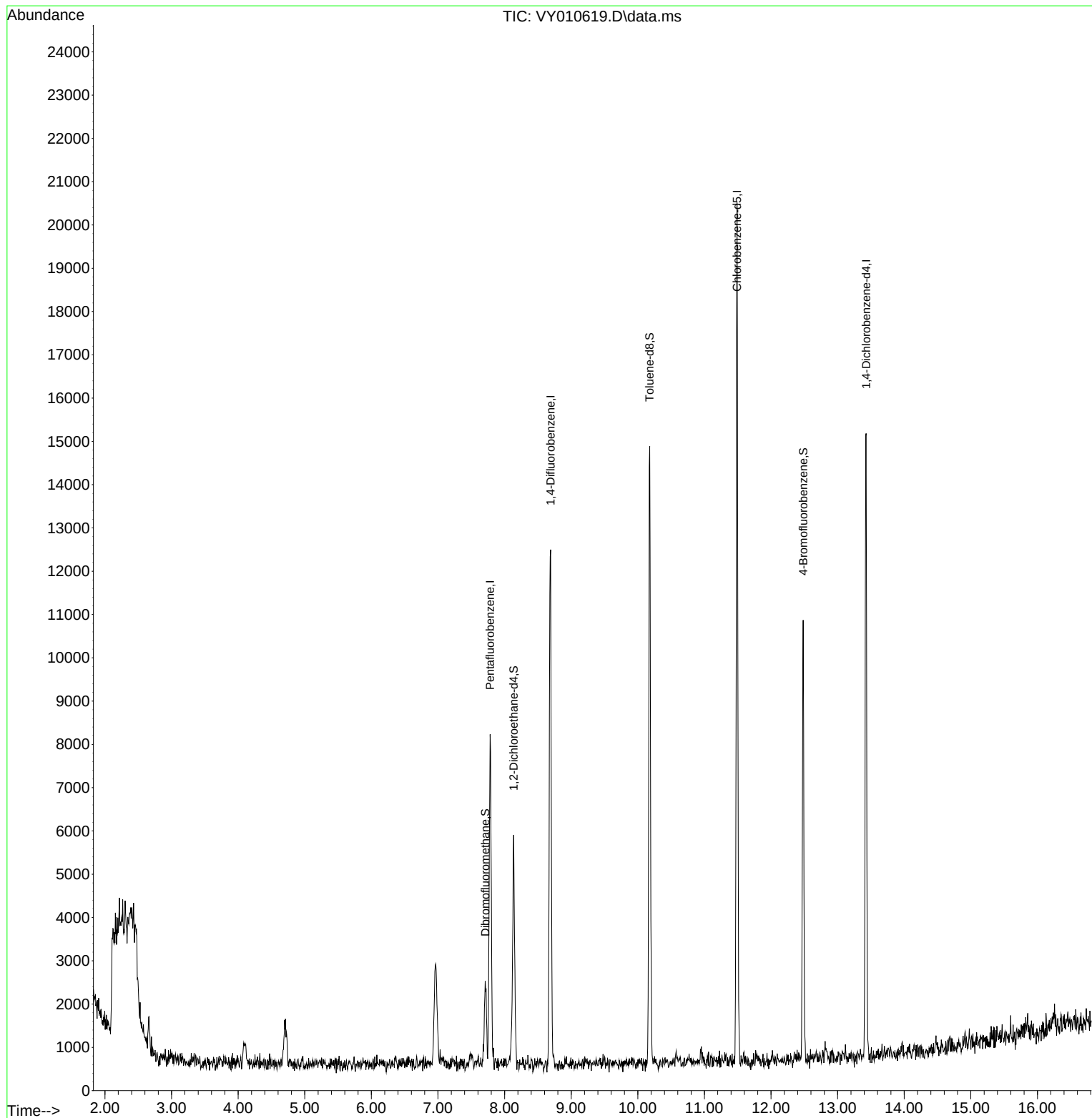
Target Compounds	Qvalue

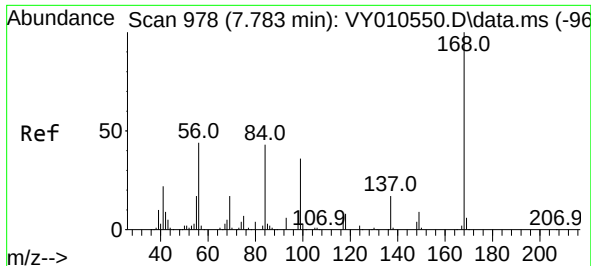
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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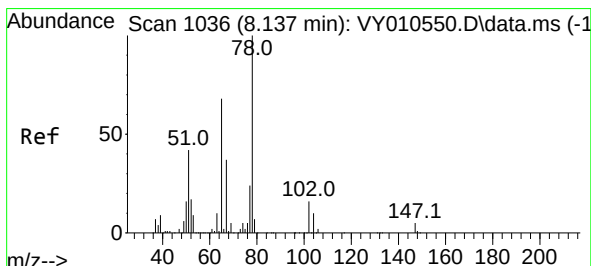
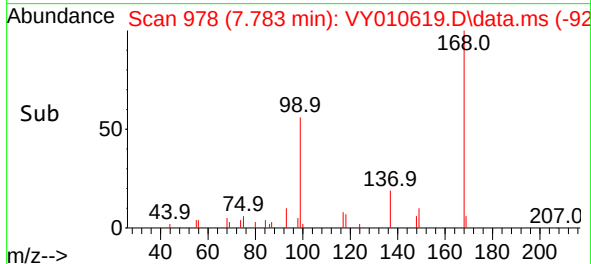
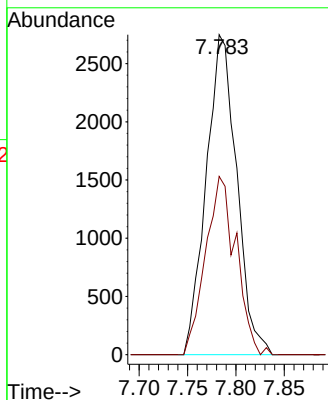
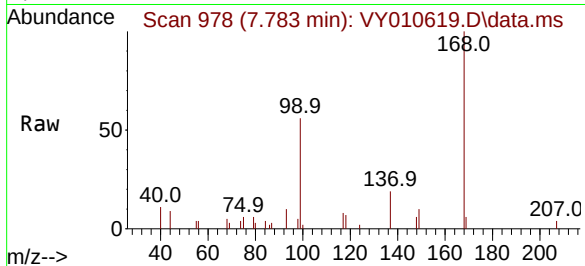




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010619.D
Acq: 22 Sep 2022 13:55

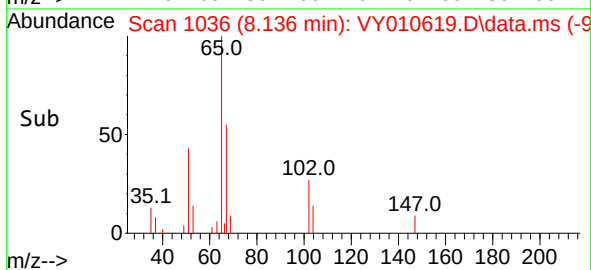
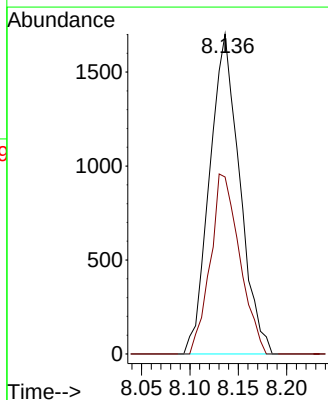
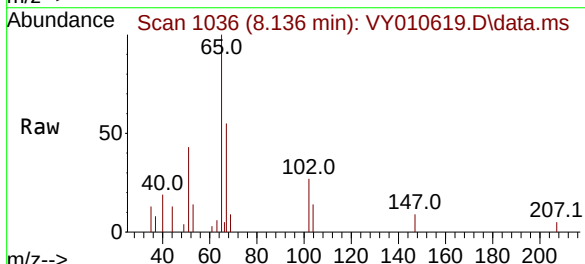
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-091922

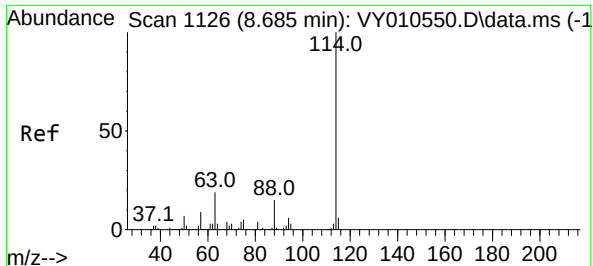
Tgt Ion:168 Resp: 6027
Ion Ratio Lower Upper
168 100
99 55.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 63.941 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010619.D
Acq: 22 Sep 2022 13:55

Tgt Ion: 65 Resp: 3686
Ion Ratio Lower Upper
65 100
67 54.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY010619.D

Acq: 22 Sep 2022 13:55

Instrument :

MSVOA_Y

ClientSampleId :

HR-01-091922

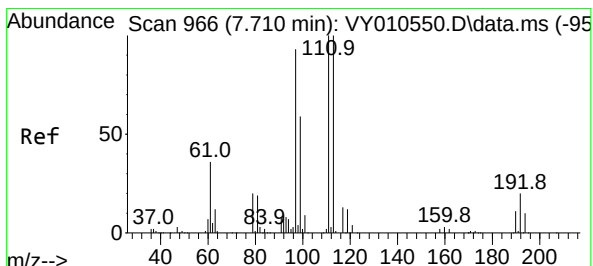
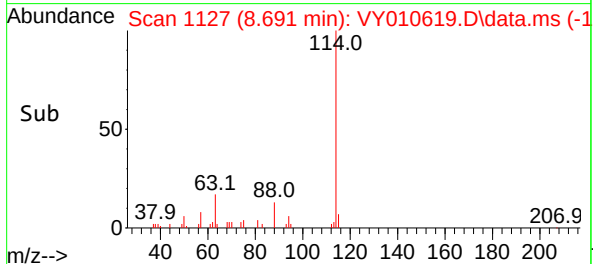
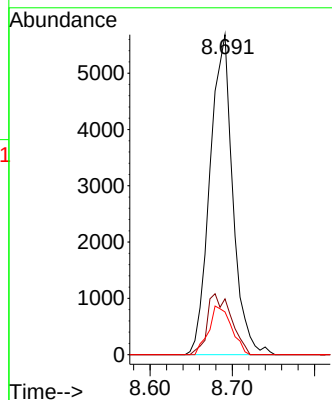
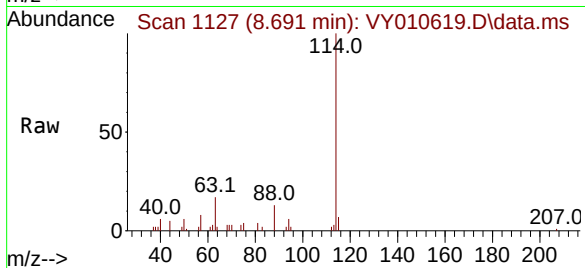
Tgt Ion:114 Resp: 10972

Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 13.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 20.822 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010619.D

Acq: 22 Sep 2022 13:55

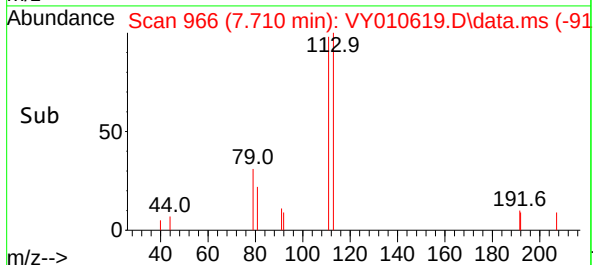
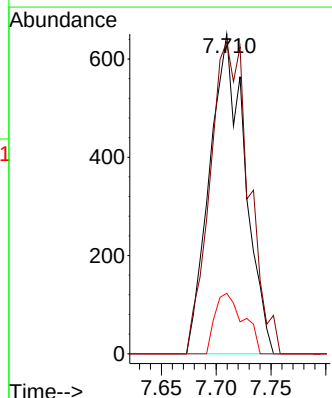
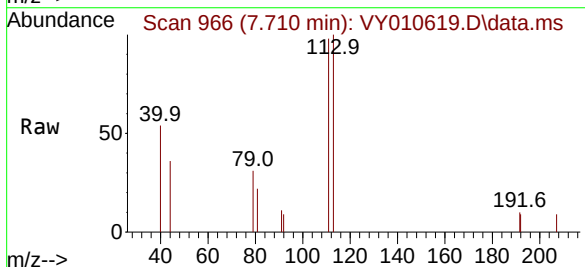
Tgt Ion:113 Resp: 1458

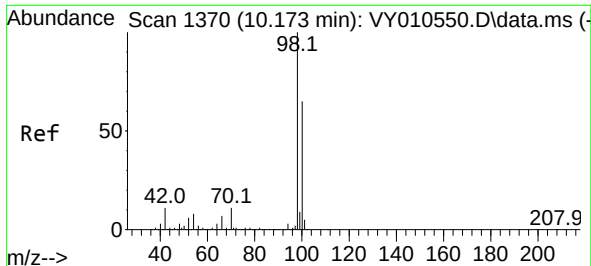
Ion Ratio Lower Upper

113 100

111 108.0 82.6 124.0

192 15.2 17.6 26.4#

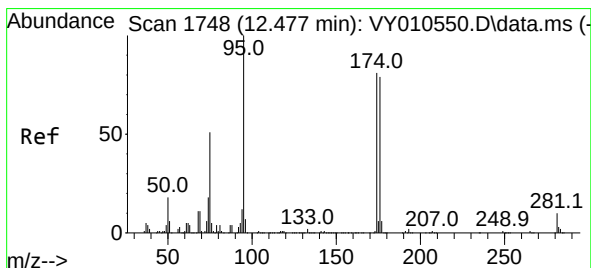
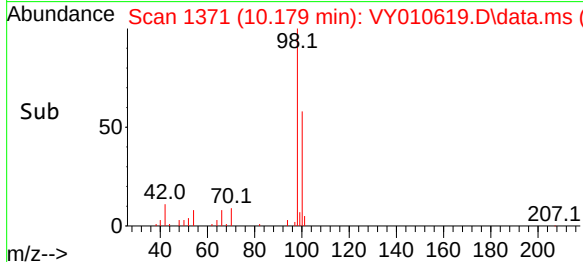
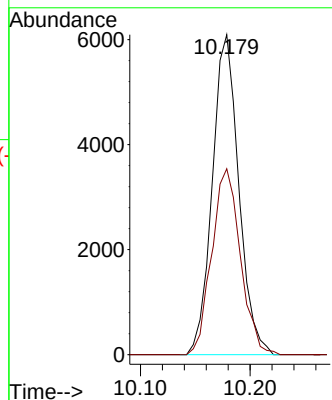
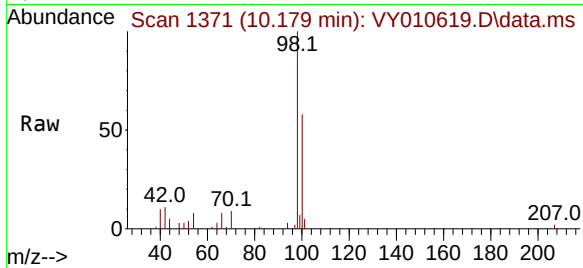




#50
Toluene-d8
Concen: 40.144 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010619.D
Acq: 22 Sep 2022 13:55

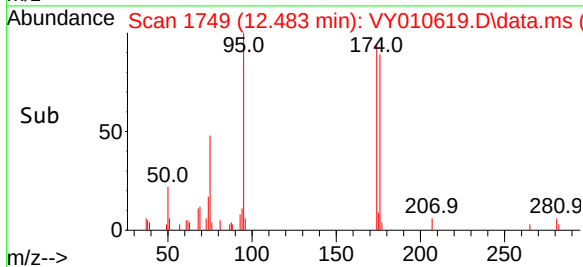
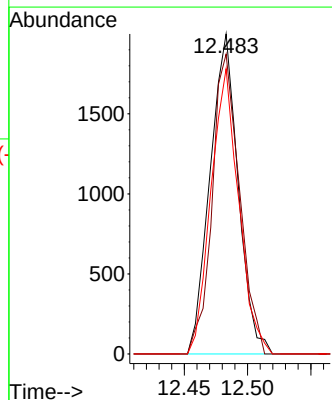
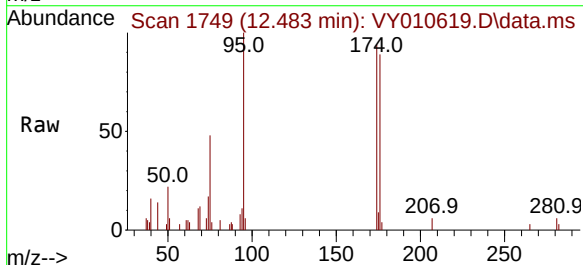
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-091922

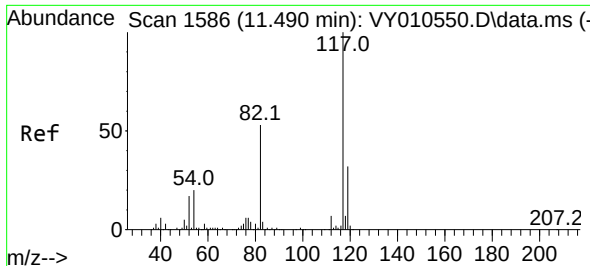
Tgt Ion: 98 Resp: 10219
Ion Ratio Lower Upper
98 100
100 62.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 31.122 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010619.D
Acq: 22 Sep 2022 13:55

Tgt Ion: 95 Resp: 3087
Ion Ratio Lower Upper
95 100
174 90.9 0.0 177.0
176 88.1 0.0 175.8

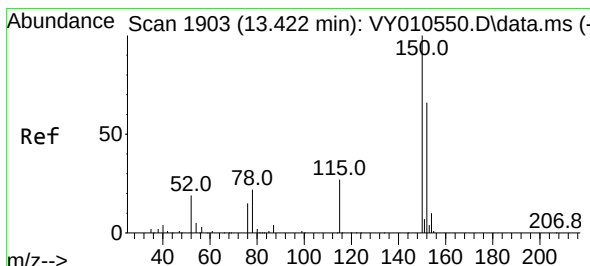
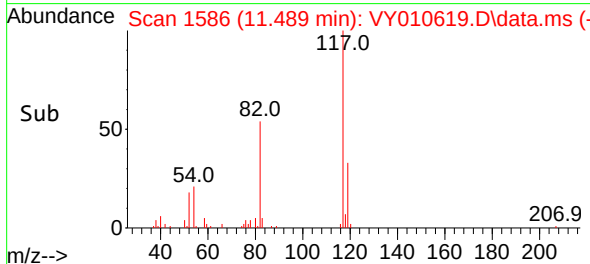
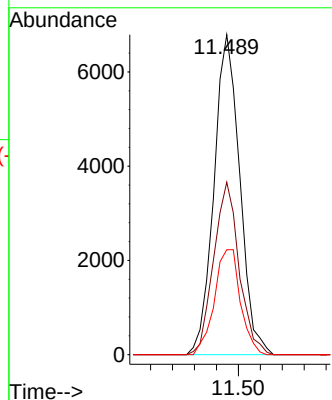
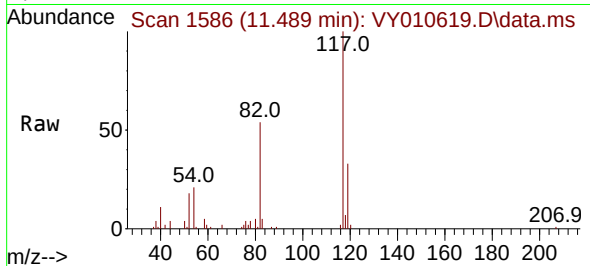




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010619.D
Acq: 22 Sep 2022 13:55

Instrument :
MSVOA_Y
ClientSampleId :
HR-01-091922

Tgt Ion:	117	Resp:	11093
Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.0	64.4
119	32.8	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: VY010619.D
Acq: 22 Sep 2022 13:55

Tgt Ion:	152	Resp:	3941
Ion	Ratio	Lower	Upper
152	100		
115	64.1	28.2	84.7
150	163.3	0.0	347.6

