

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022423\
 Data File : VY012722.D
 Acq On : 24 Feb 2023 15:08
 Operator : KP/MD
 Sample : 01669-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-08-022323

Quant Time: Feb 25 00:49:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	8920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	14349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	13582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3856	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	6039	57.324	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.640%
35) Dibromofluoromethane	7.710	113	5407	55.789	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.580%
50) Toluene-d8	10.179	98	17258	47.530	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.060%
62) 4-Bromofluorobenzene	12.483	95	4264	36.698	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.400%

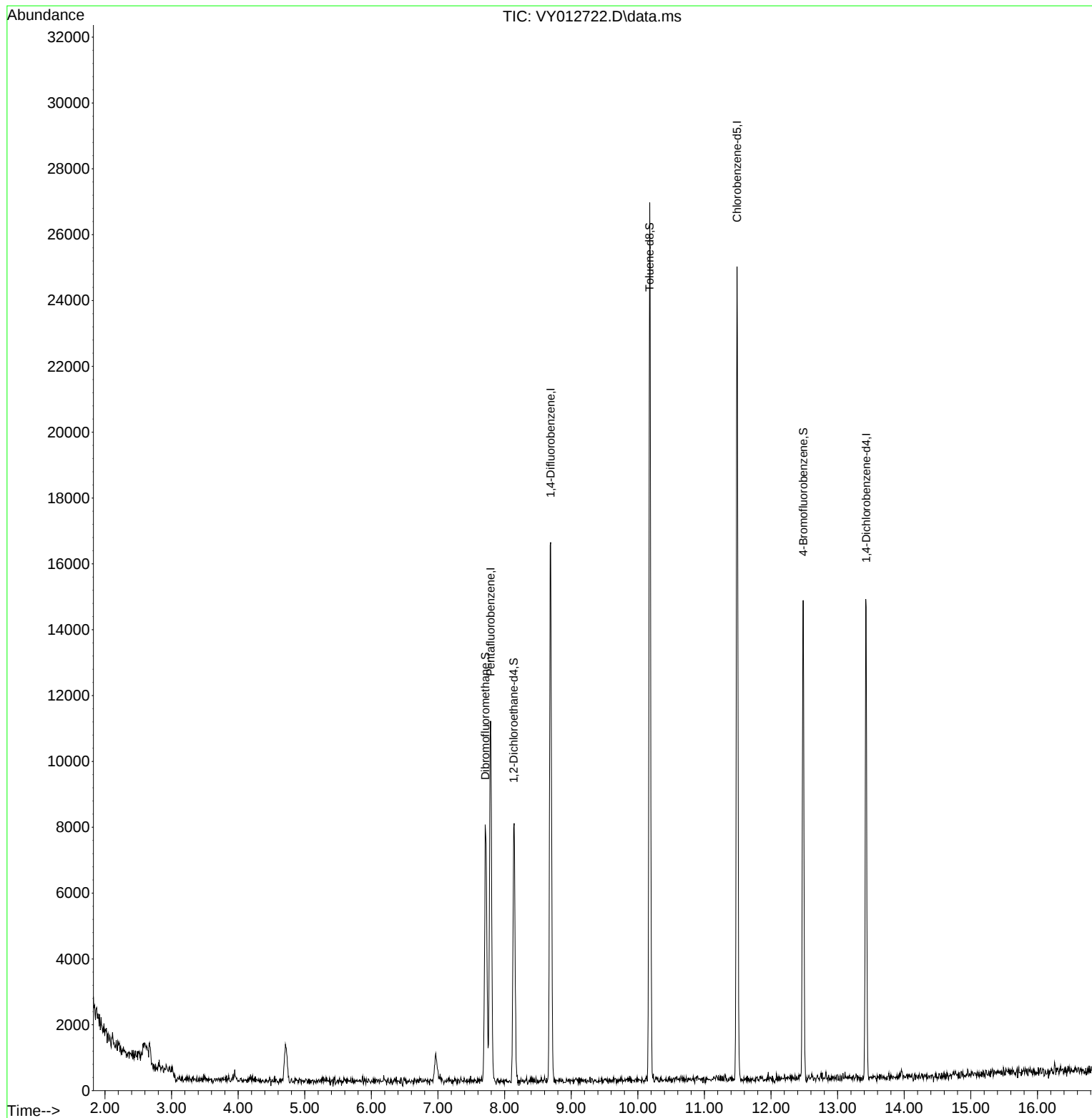
Target Compounds	Qvalue

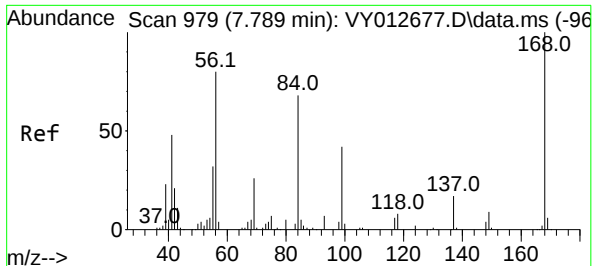
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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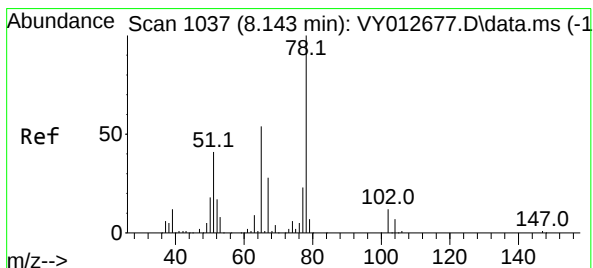
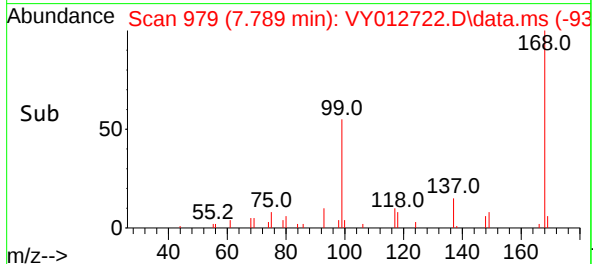
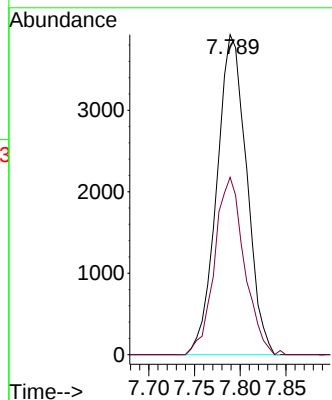
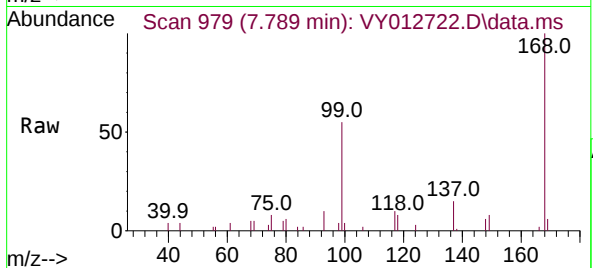




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012722.D
Acq: 24 Feb 2023 15:08

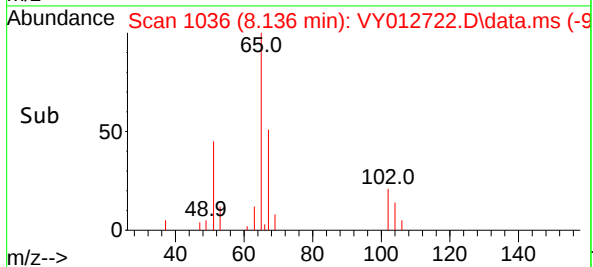
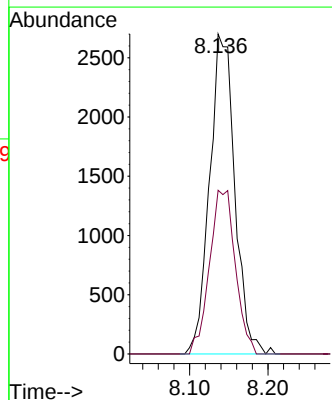
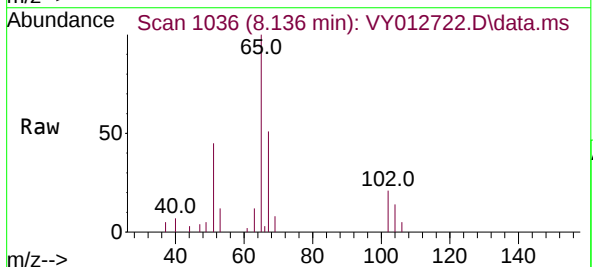
Instrument :
MSVOA_Y
ClientSampleId :
NB-08-022323

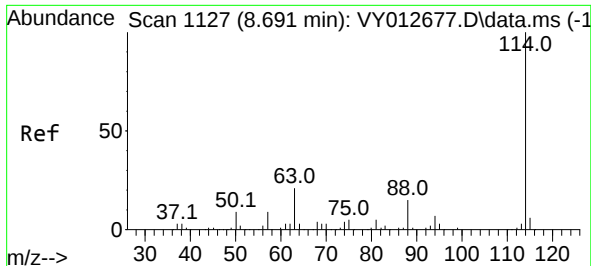
Tgt Ion:168 Resp: 8920
Ion Ratio Lower Upper
168 100
99 55.4 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 57.324 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012722.D
Acq: 24 Feb 2023 15:08

Tgt Ion: 65 Resp: 6039
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012722.D

Acq: 24 Feb 2023 15:08

Instrument :

MSVOA_Y

ClientSampleId :

NB-08-022323

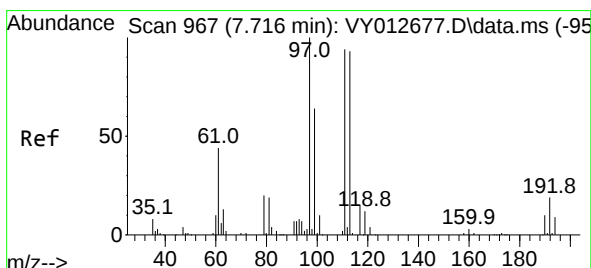
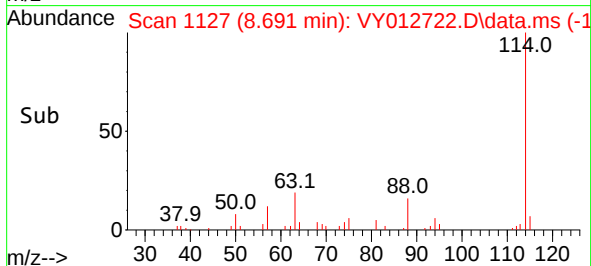
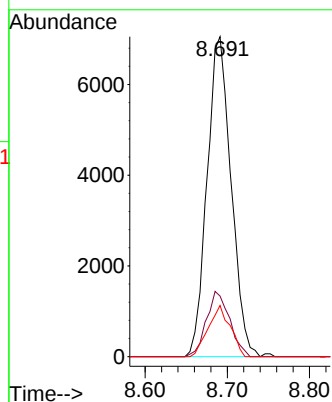
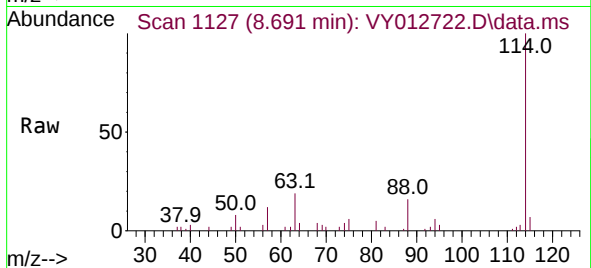
Tgt Ion:114 Resp: 14349

Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.8

88 16.0 0.0 29.6



#35

Dibromofluoromethane

Concen: 55.789 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY012722.D

Acq: 24 Feb 2023 15:08

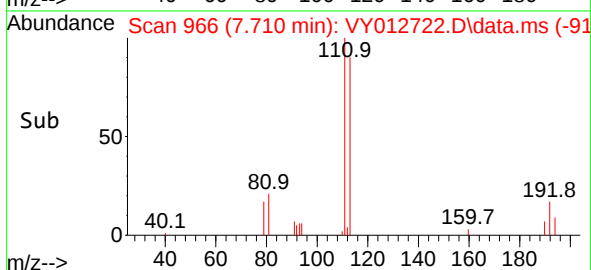
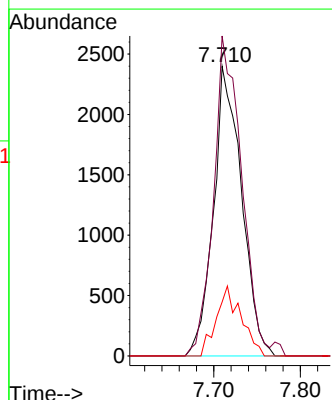
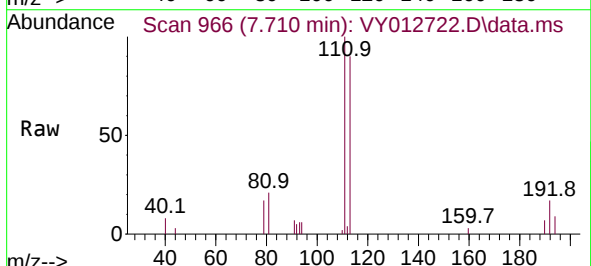
Tgt Ion:113 Resp: 5407

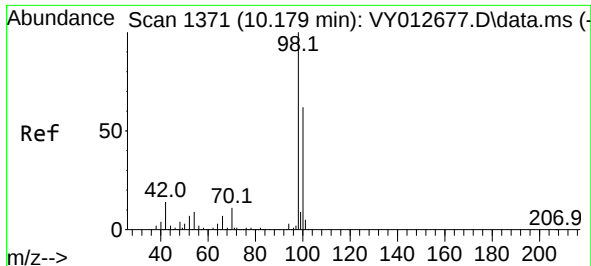
Ion Ratio Lower Upper

113 100

111 111.2 82.0 123.0

192 21.3 16.2 24.2

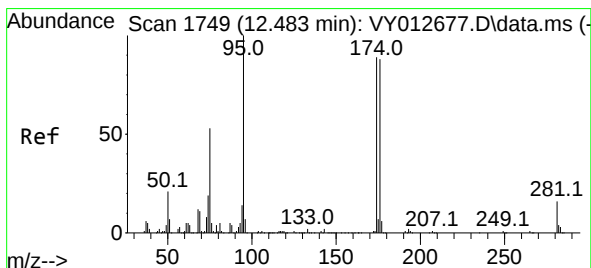
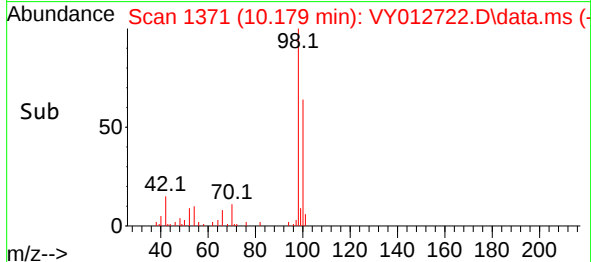
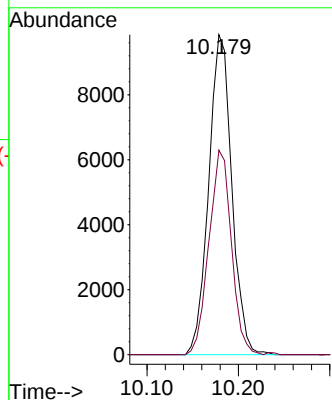
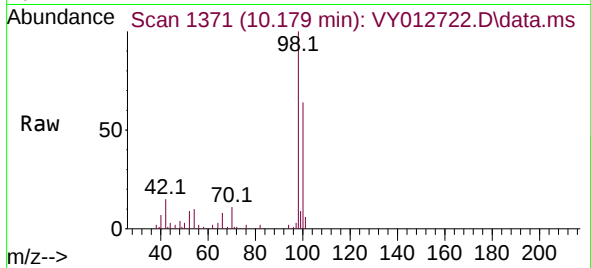




#50
Toluene-d8
Concen: 47.530 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012722.D
Acq: 24 Feb 2023 15:08

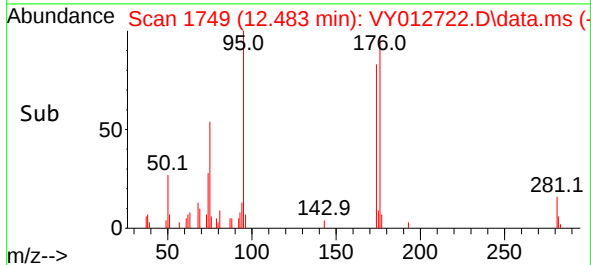
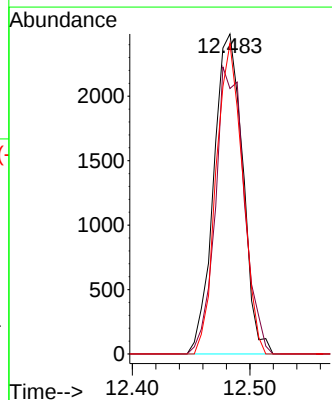
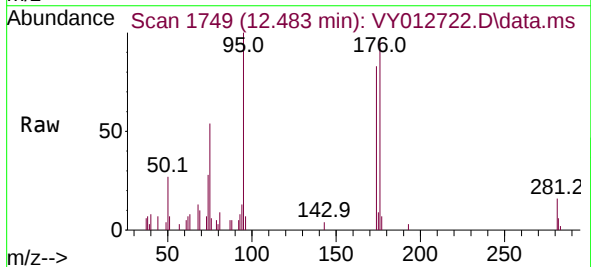
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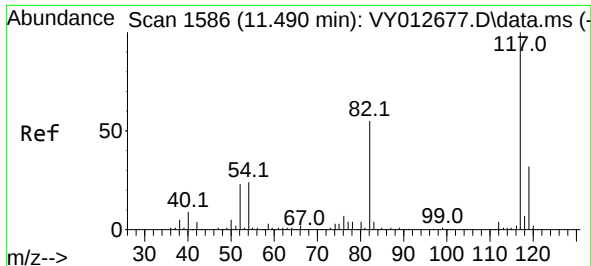
Tgt Ion: 98 Resp: 17258
Ion Ratio Lower Upper
98 100
100 62.2 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 36.698 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012722.D
Acq: 24 Feb 2023 15:08

Tgt Ion: 95 Resp: 4264
Ion Ratio Lower Upper
95 100
174 89.0 0.0 172.8
176 88.3 0.0 169.4

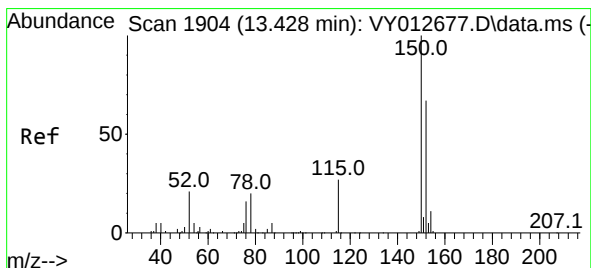
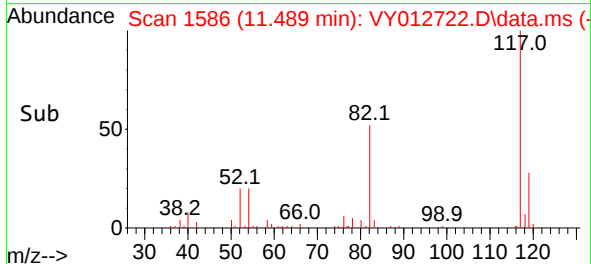
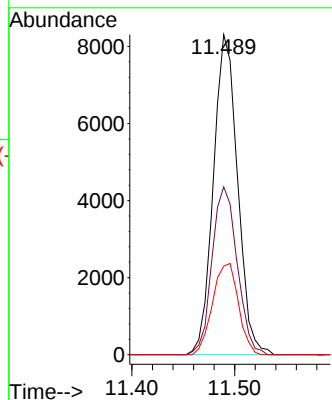
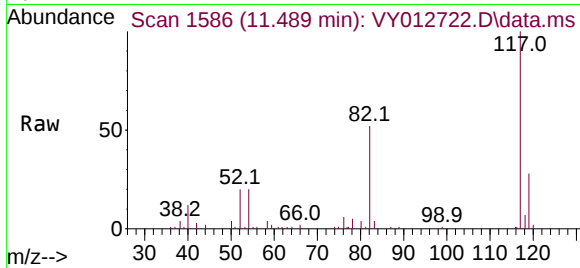




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012722.D
Acq: 24 Feb 2023 15:08

Instrument :
MSVOA_Y
ClientSampleId :
NB-08-022323

Tgt Ion:117	Resp:	13582
Ion	Ratio	Lower Upper
117	100	
82	52.4	44.1 66.1
119	27.7	25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012722.D
Acq: 24 Feb 2023 15:08

Tgt Ion:152	Resp:	3856
Ion	Ratio	Lower Upper
152	100	
115	58.5	28.7 86.3
150	160.0	0.0 347.6

