

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061424\
 Data File : VY018593.D
 Acq On : 14 Jun 2024 14:31
 Operator : SY/MD
 Sample : P2858-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-06122024

Quant Time: Jun 14 23:23:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	1056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	1834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	1173	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	62	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	746	70.167	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.340%
35) Dibromofluoromethane	7.710	113	668	59.708	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.420%
50) Toluene-d8	10.185	98	1869	43.441	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.880%
62) 4-Bromofluorobenzene	12.489	95	132	9.716	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	19.440%#

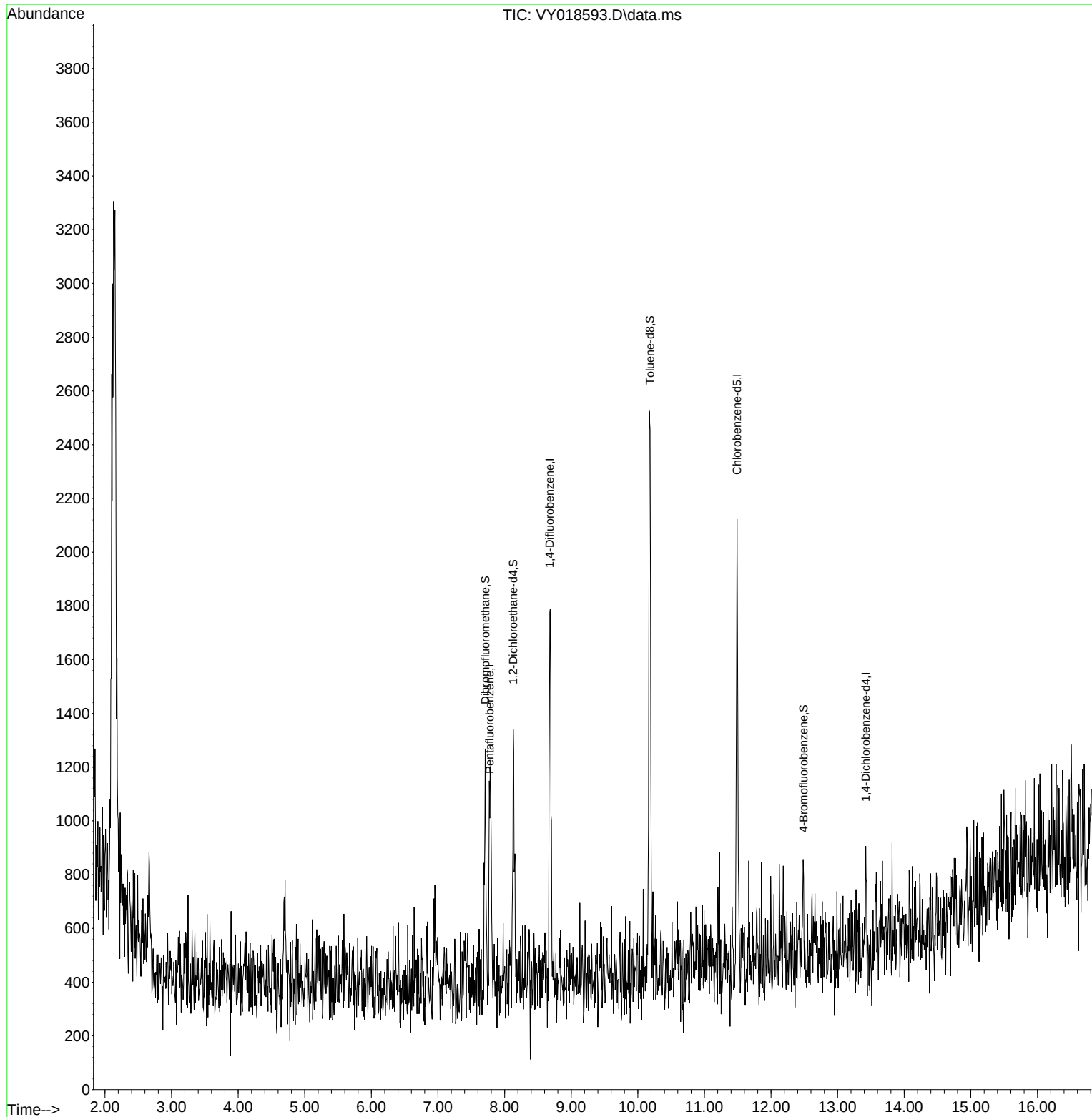
Target Compounds	Qvalue

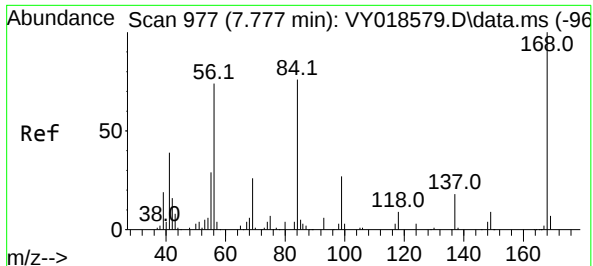
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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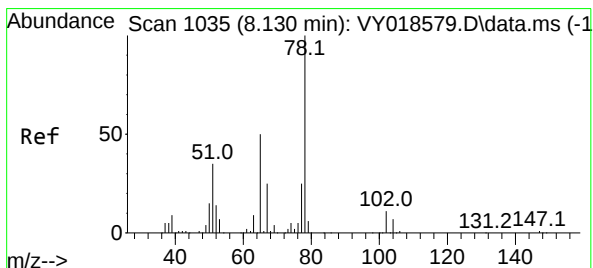
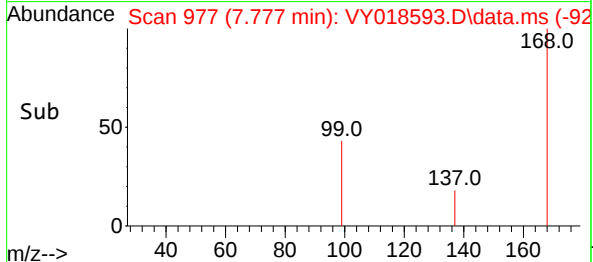
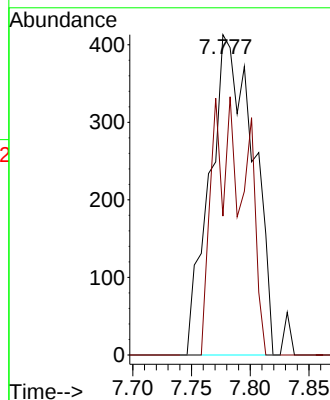
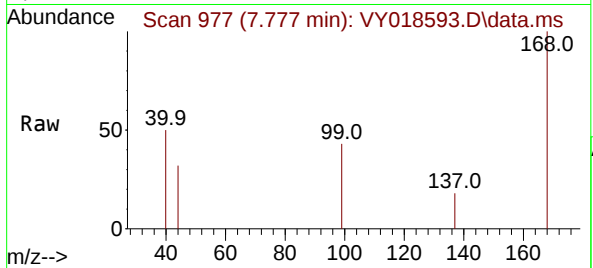




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018593.D
Acq: 14 Jun 2024 14:31

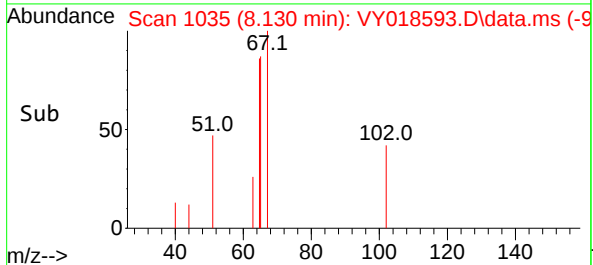
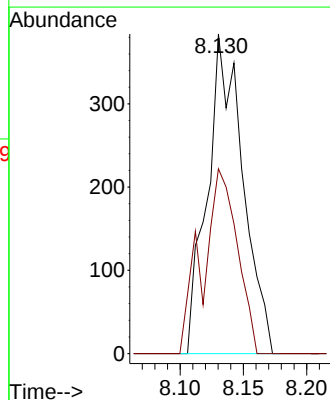
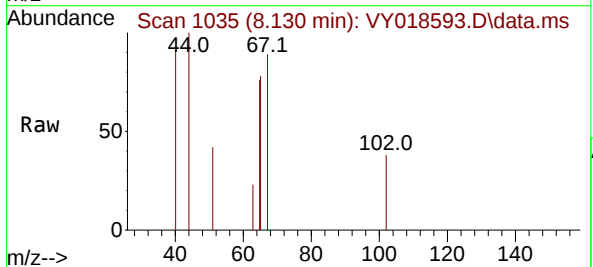
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-06122024

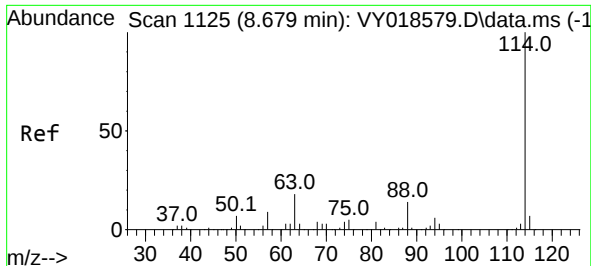
Tgt Ion:168 Resp: 1056
Ion Ratio Lower Upper
168 100
99 43.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 70.167 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018593.D
Acq: 14 Jun 2024 14:31

Tgt Ion: 65 Resp: 746
Ion Ratio Lower Upper
65 100
67 57.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VY018593.D

Acq: 14 Jun 2024 14:31

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-06122024

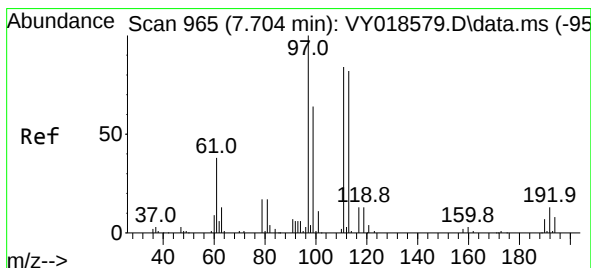
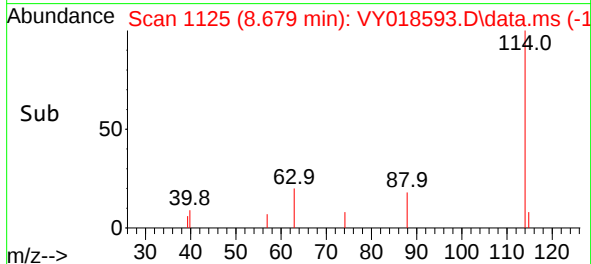
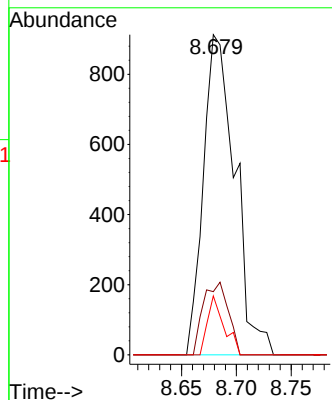
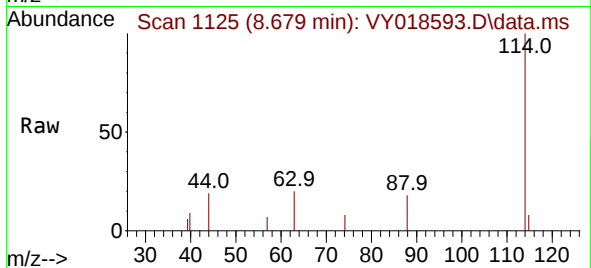
Tgt Ion:114 Resp: 1834

Ion Ratio Lower Upper

114 100

63 19.7 0.0 35.0

88 18.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 59.708 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018593.D

Acq: 14 Jun 2024 14:31

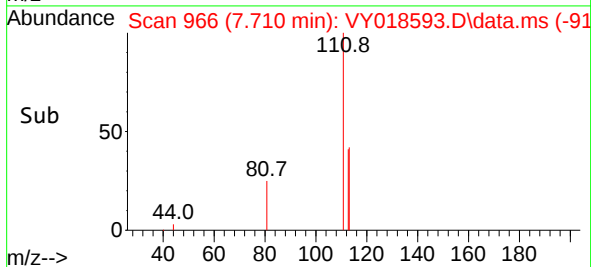
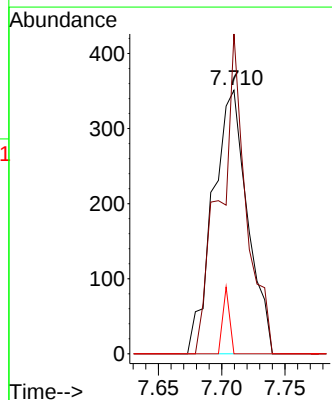
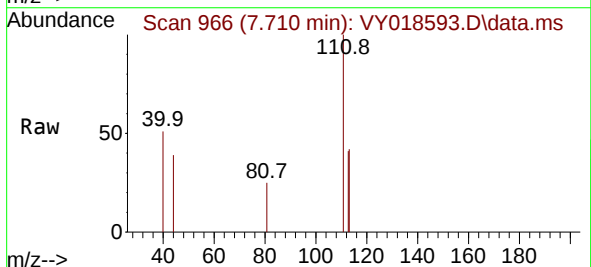
Tgt Ion:113 Resp: 668

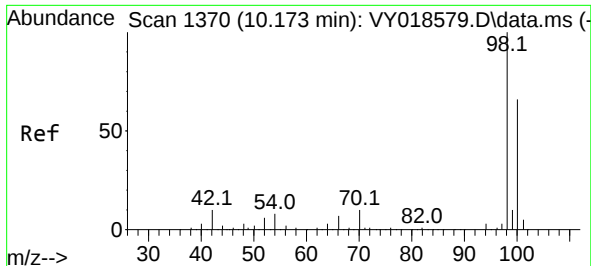
Ion Ratio Lower Upper

113 100

111 92.2 82.2 123.4

192 4.9 15.9 23.9#

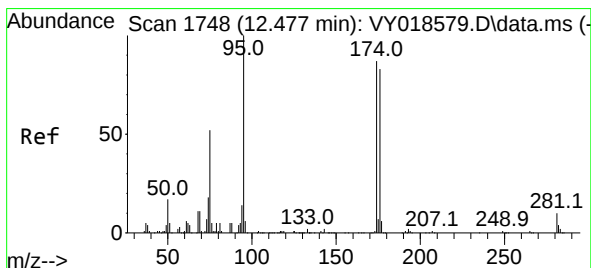
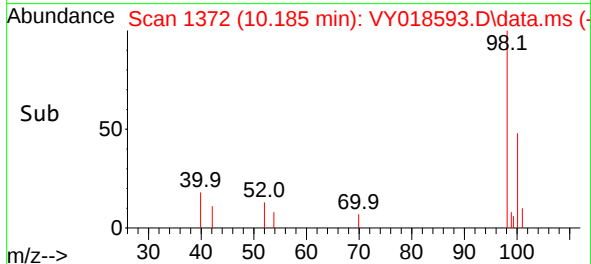
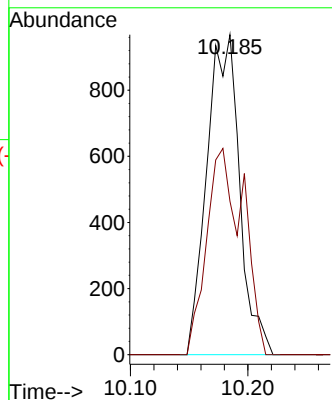
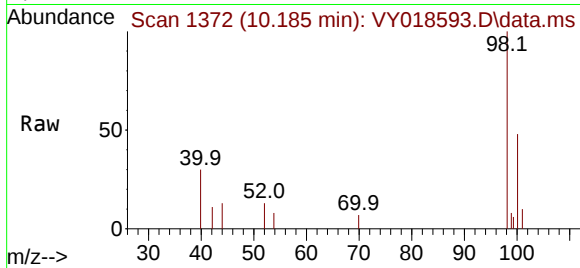




#50
Toluene-d8
Concen: 43.441 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY018593.D
Acq: 14 Jun 2024 14:31

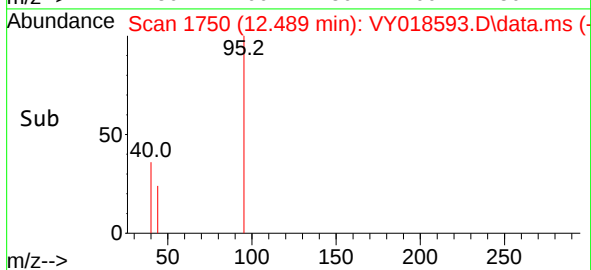
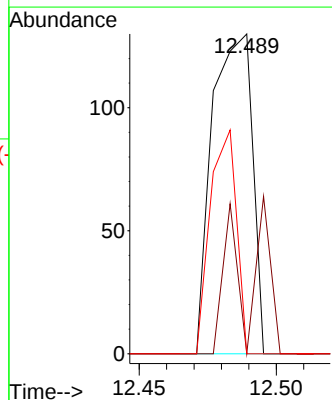
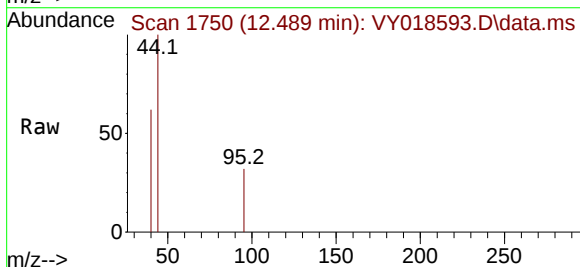
Instrument :
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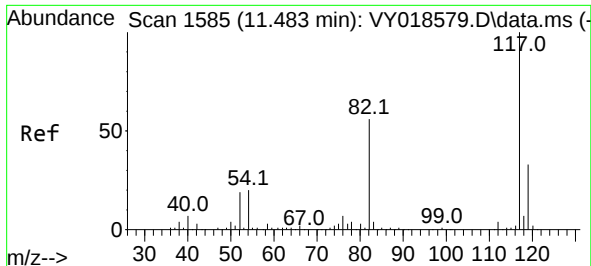
Tgt Ion: 98 Resp: 1869
Ion Ratio Lower Upper
98 100
100 72.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 9.716 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY018593.D
Acq: 14 Jun 2024 14:31

Tgt Ion: 95 Resp: 132
Ion Ratio Lower Upper
95 100
174 34.8 0.0 175.6
176 45.5 0.0 171.4

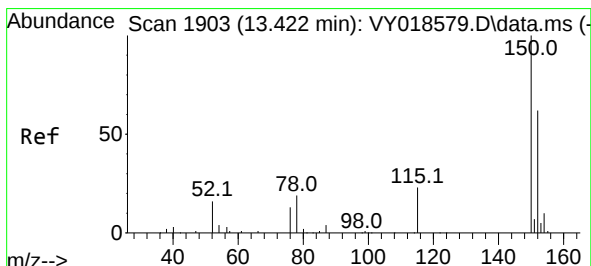
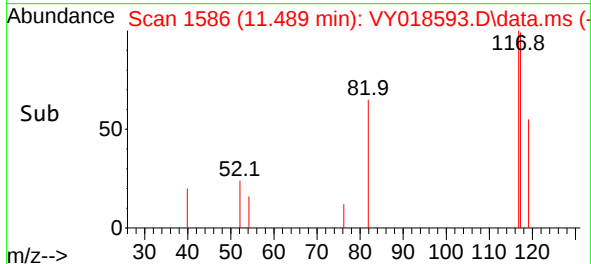
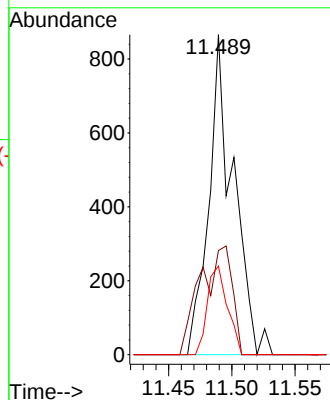
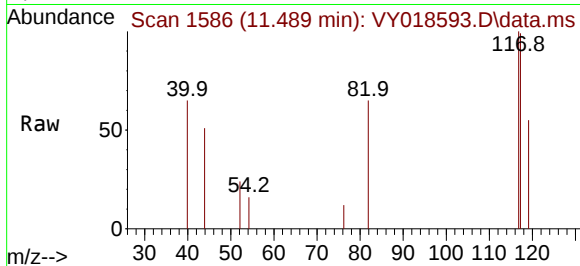




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY018593.D
Acq: 14 Jun 2024 14:31

Instrument :
MSVOA_Y
ClientSampleId :
NB-07-06122024

Tgt Ion:117	Resp:	1173
Ion	Ratio	Lower Upper
117	100	
82	32.6	42.4 63.6#
119	27.7	25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018593.D
Acq: 14 Jun 2024 14:31

Tgt Ion:152	Resp:	62
Ion	Ratio	Lower Upper
152	100	
115	38.7	28.2 84.7
150	198.4	0.0 345.6

