

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061424\
 Data File : VY018600.D
 Acq On : 14 Jun 2024 17:24
 Operator : SY/MD
 Sample : P2858-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-06122024

Quant Time: Jun 14 18:03:23 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)

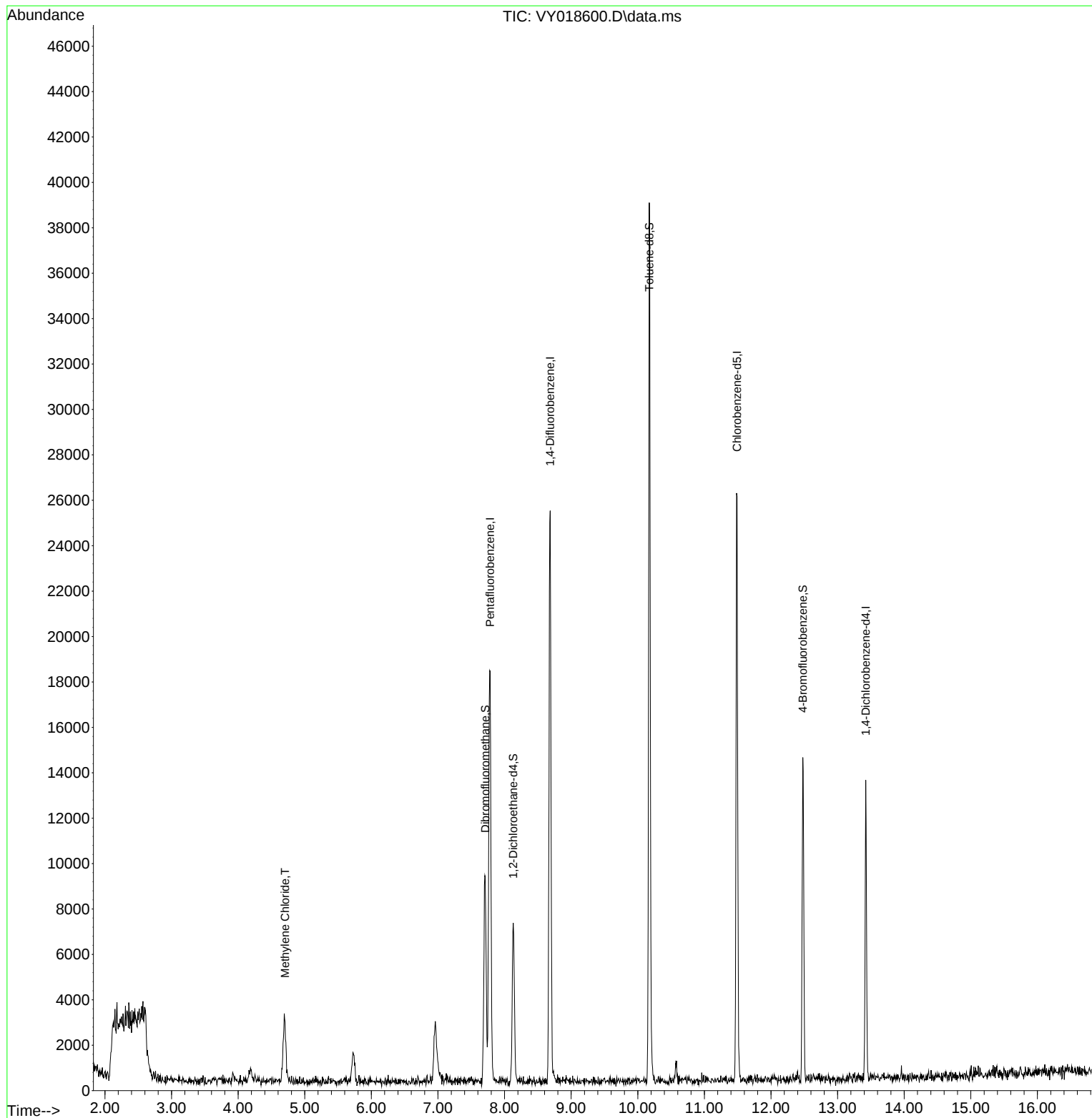
Internal Standards						
1) Pentafluorobenzene	7.783	168	14759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	22721	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	15147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	3392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	5625	37.855	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	75.720%
35) Dibromofluoromethane	7.710	113	6896	49.754	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.500%
50) Toluene-d8	10.173	98	25406	47.665	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.320%
62) 4-Bromofluorobenzene	12.477	95	4429	26.314	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	52.620%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	2373	4.602	ug/l #	63

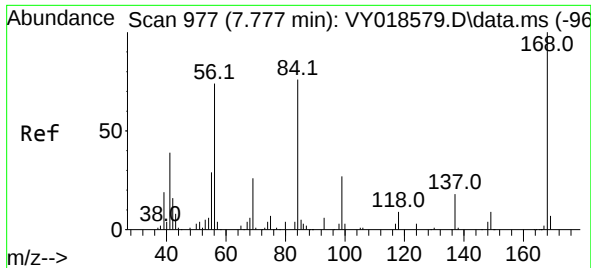
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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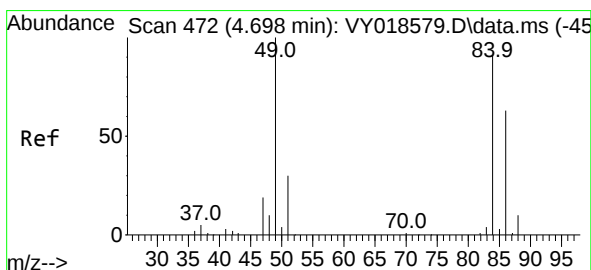
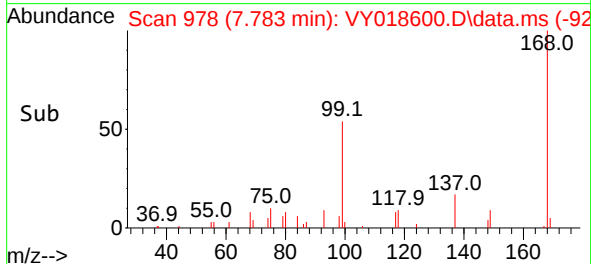
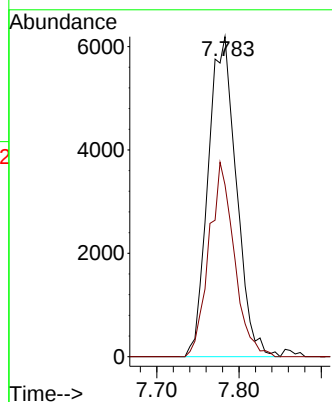
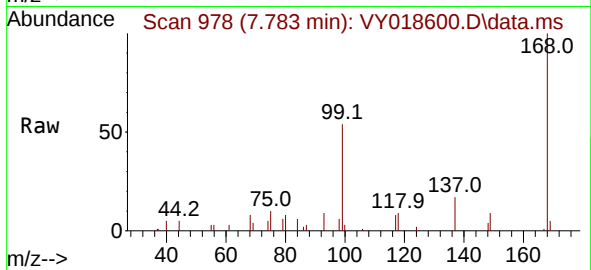




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018600.D
Acq: 14 Jun 2024 17:24

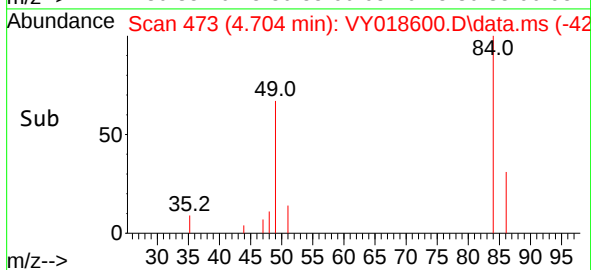
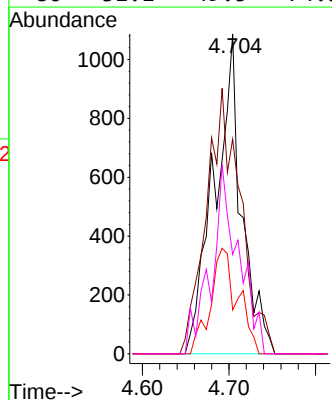
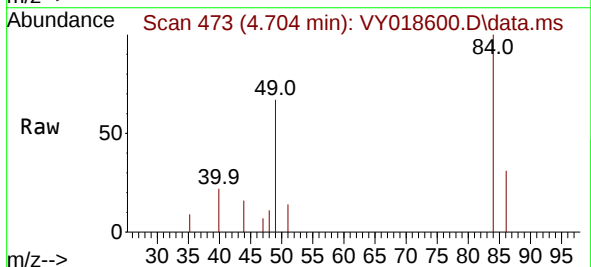
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-06122024

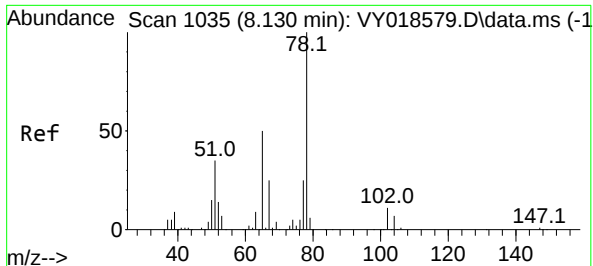
Tgt Ion:168 Resp: 14759
Ion Ratio Lower Upper
168 100
99 53.7 39.1 58.7



#20
Methylene Chloride
Concen: 4.602 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY018600.D
Acq: 14 Jun 2024 17:24

Tgt Ion: 84 Resp: 2373
Ion Ratio Lower Upper
84 100
49 67.2 84.4 126.6#
51 13.7 26.0 39.0#
86 31.1 49.5 74.3#





#33

1,2-Dichloroethane-d4

Concen: 37.855 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY018600.D

Acq: 14 Jun 2024 17:24

Instrument :

MSVOA_Y

ClientSampleId :

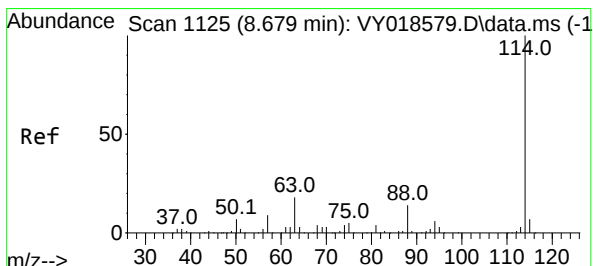
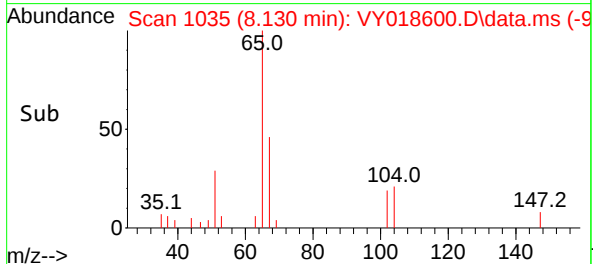
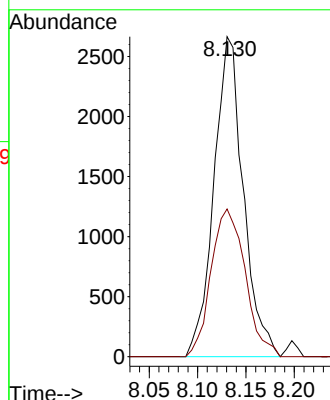
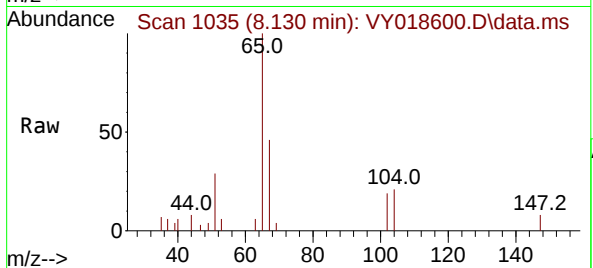
NB-07-06122024

Tgt Ion: 65 Resp: 5625

Ion Ratio Lower Upper

65 100

67 53.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018600.D

Acq: 14 Jun 2024 17:24

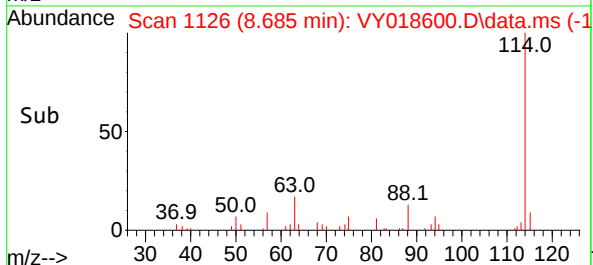
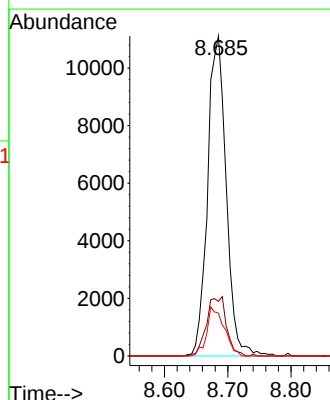
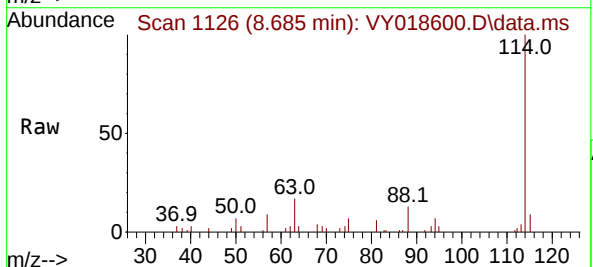
Tgt Ion: 114 Resp: 22721

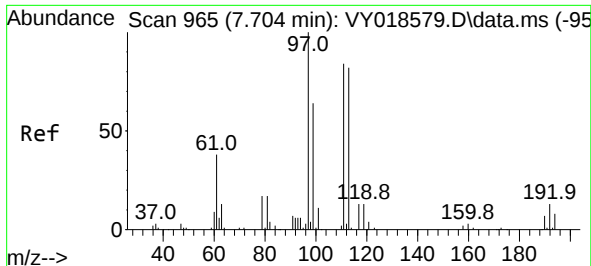
Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 13.4 0.0 27.2

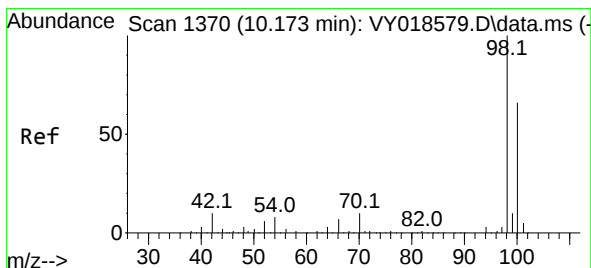
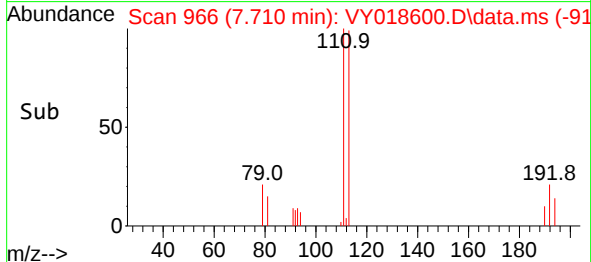
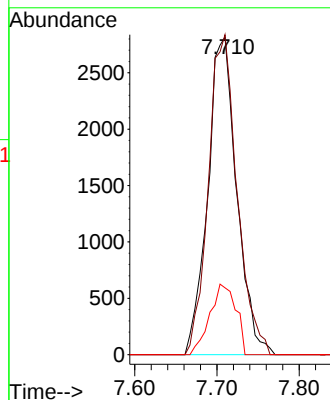
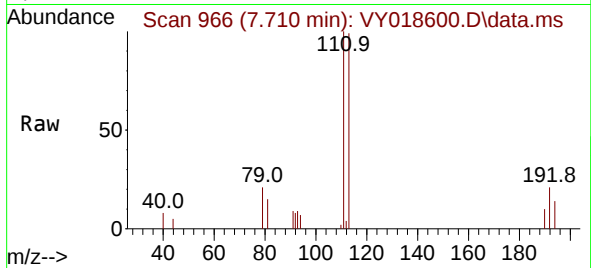




#35
Dibromofluoromethane
Concen: 49.754 ug/l
RT: 7.710 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018600.D
Acq: 14 Jun 2024 17:24

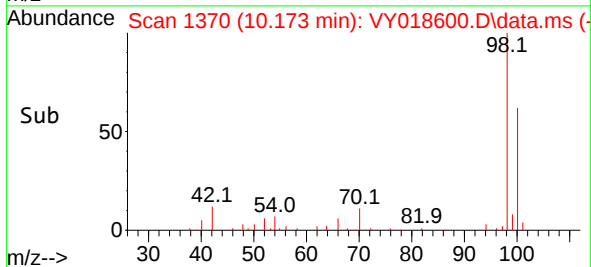
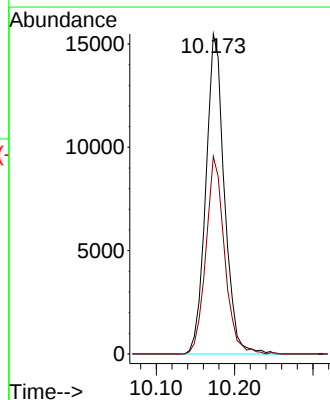
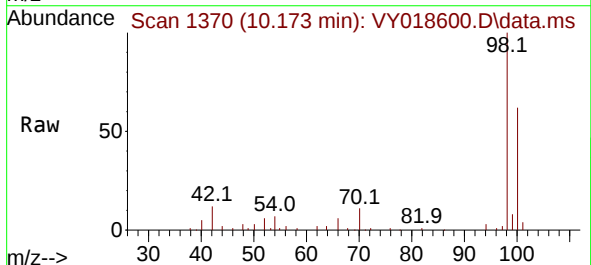
Instrument :
MSVOA_Y
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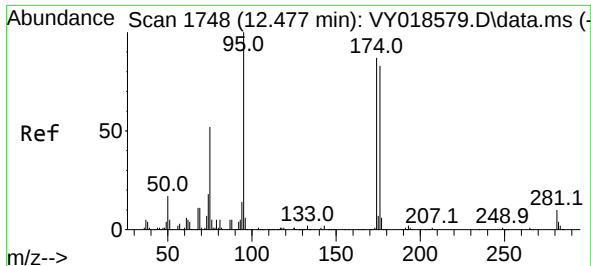
Tgt Ion:113 Resp: 6896
Ion Ratio Lower Upper
113 100
111 99.9 82.2 123.4
192 20.0 15.9 23.9



#50
Toluene-d8
Concen: 47.665 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018600.D
Acq: 14 Jun 2024 17:24

Tgt Ion: 98 Resp: 25406
Ion Ratio Lower Upper
98 100
100 62.0 52.0 78.0

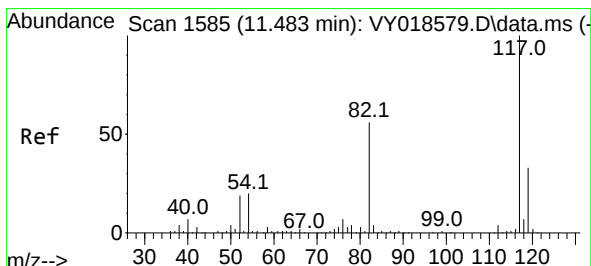
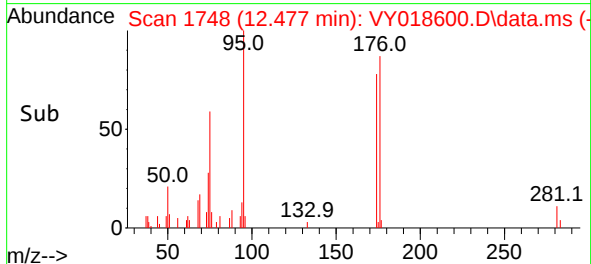
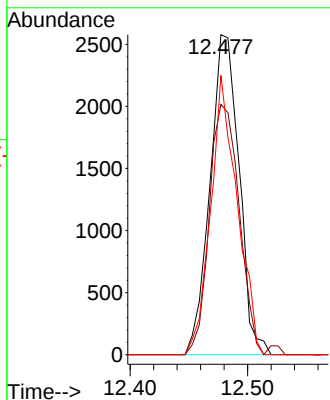
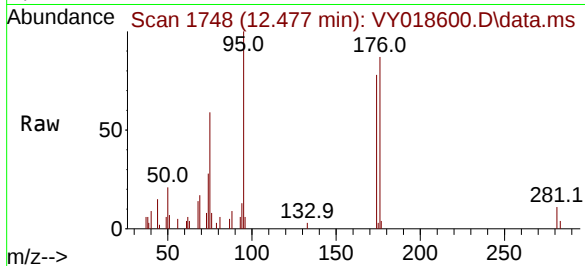




#62
4-Bromofluorobenzene
Concen: 26.314 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018600.D
Acq: 14 Jun 2024 17:24

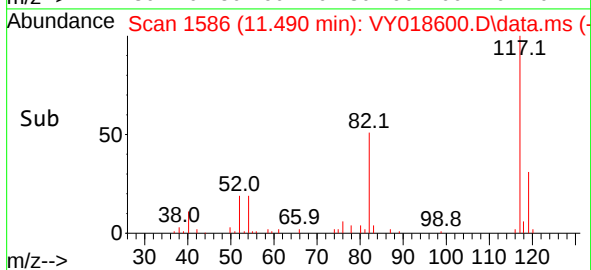
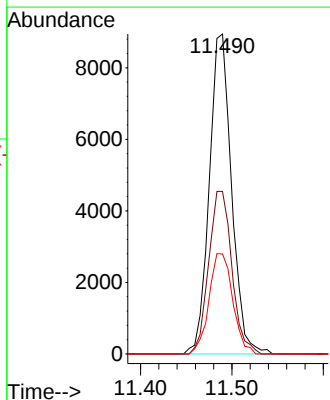
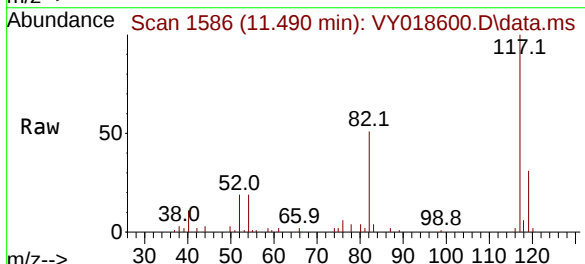
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-06122024

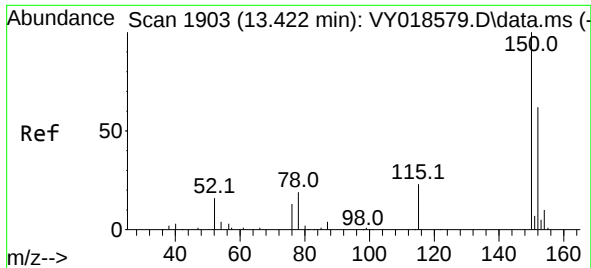
Tgt Ion:	95	Resp:	4429
Ion	Ratio	Lower	Upper
95	100		
174	80.4	0.0	175.6
176	79.8	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018600.D
Acq: 14 Jun 2024 17:24

Tgt Ion:	117	Resp:	15147
Ion	Ratio	Lower	Upper
117	100		
82	50.8	42.4	63.6
119	31.2	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: VY018600.D

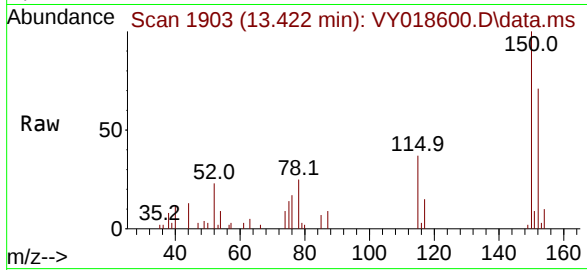
Acq: 14 Jun 2024 17:24

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-06122024



Tgt Ion:152 Resp: 3392

Ion Ratio Lower Upper

152 100

115 58.8 28.2 84.7

150 138.5 0.0 345.6

