

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032823\
 Data File : VY013123.D
 Acq On : 28 Mar 2023 17:44
 Operator : KP/MD
 Sample : 02117-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-8-032823

Quant Time: Mar 29 02:31:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

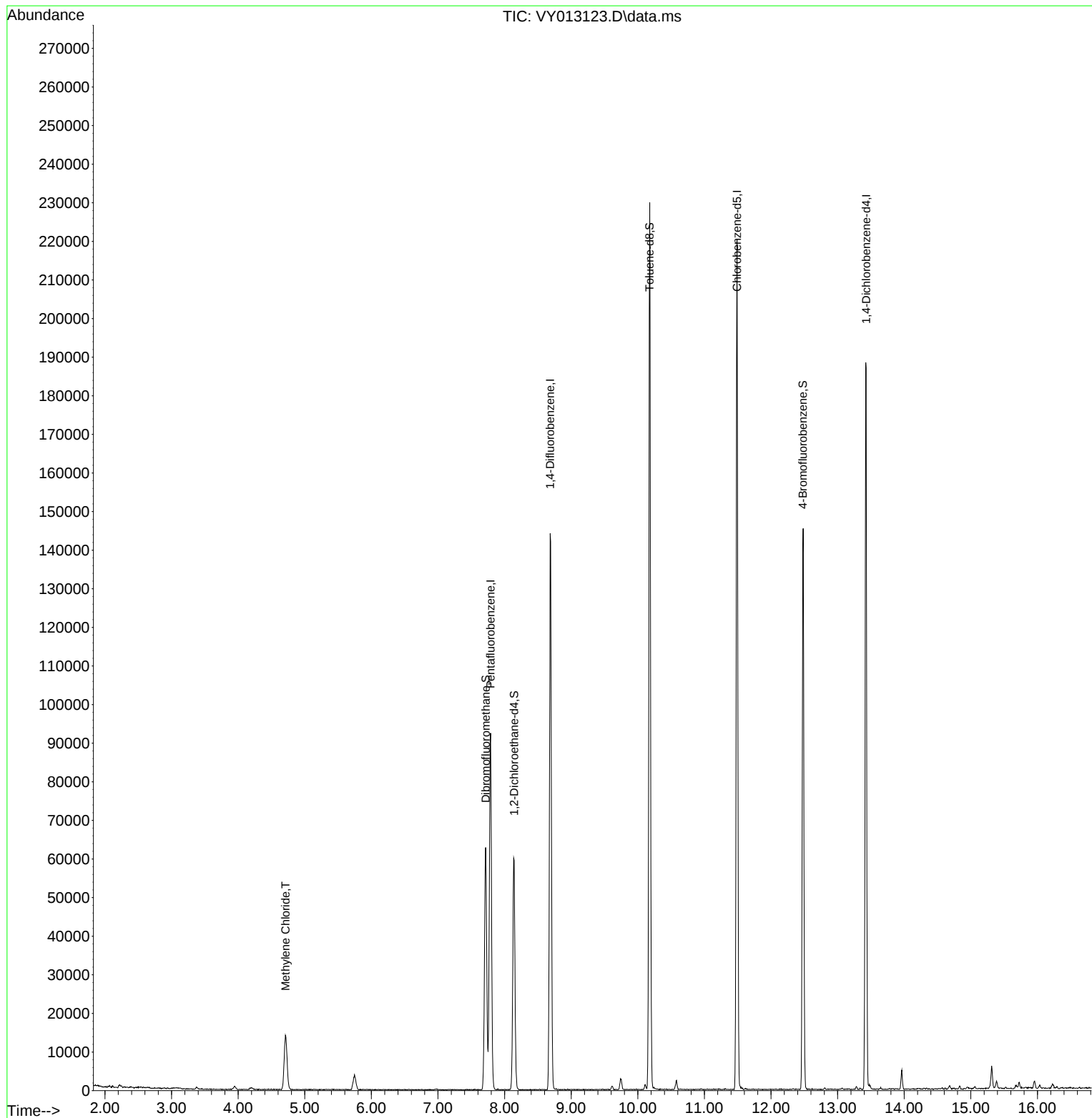
Internal Standards						
1) Pentafluorobenzene	7.789	168	71383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	119193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	112362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	48530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	46274	65.290	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.580%
35) Dibromofluoromethane	7.716	113	43482	60.448	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.900%
50) Toluene-d8	10.179	98	144568	54.975	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.940%
62) 4-Bromofluorobenzene	12.477	95	40901	46.081	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.160%
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	9926	7.081	ug/l	97

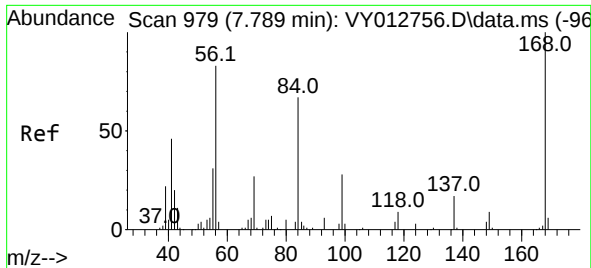
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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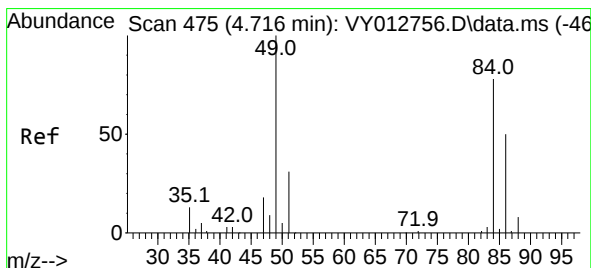
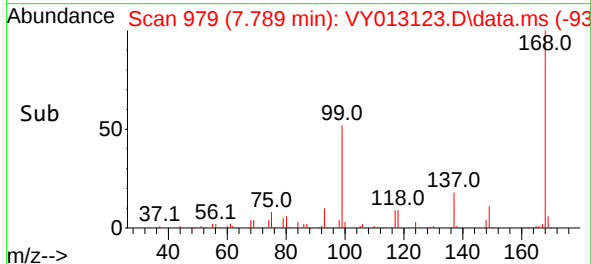
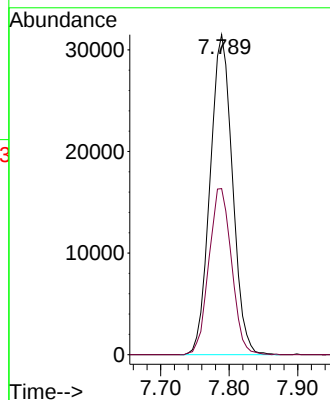
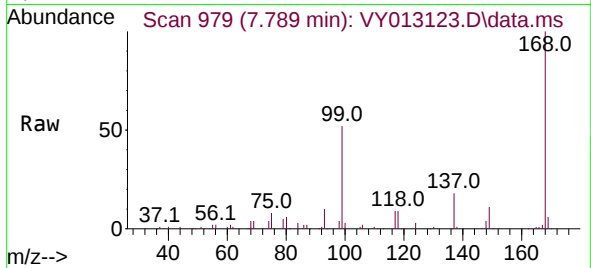




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013123.D
Acq: 28 Mar 2023 17:44

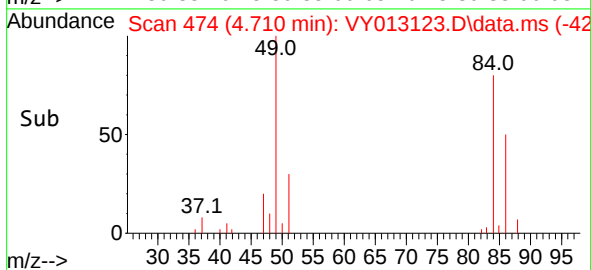
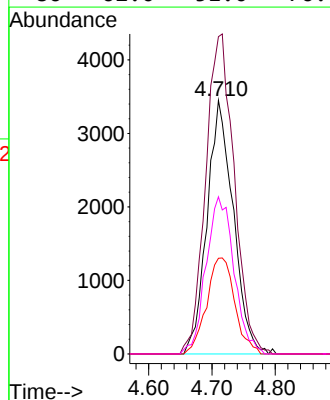
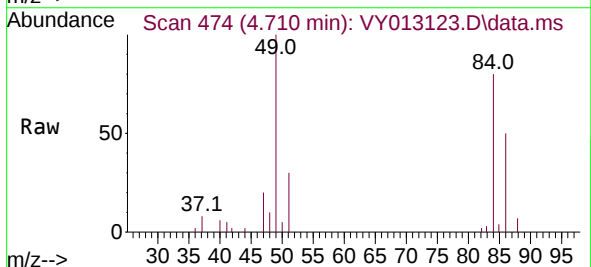
Instrument :
MSVOA_Y
ClientSampleId :
NB-8-032823

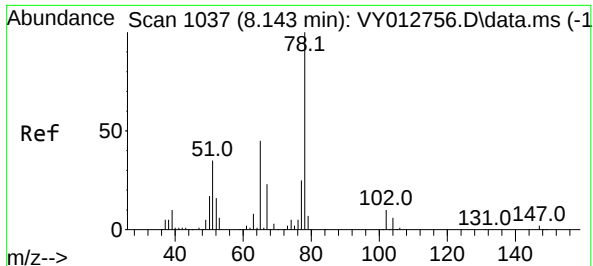
Tgt Ion:168 Resp: 71383
Ion Ratio Lower Upper
168 100
99 51.9 41.7 62.5



#20
Methylene Chloride
Concen: 7.081 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013123.D
Acq: 28 Mar 2023 17:44

Tgt Ion: 84 Resp: 9926
Ion Ratio Lower Upper
84 100
49 125.1 102.6 154.0
51 37.7 31.9 47.9
86 62.0 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 65.290 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY013123.D

Acq: 28 Mar 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

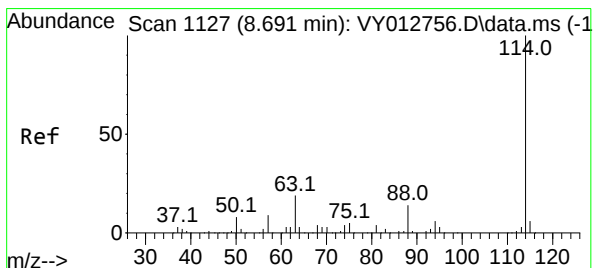
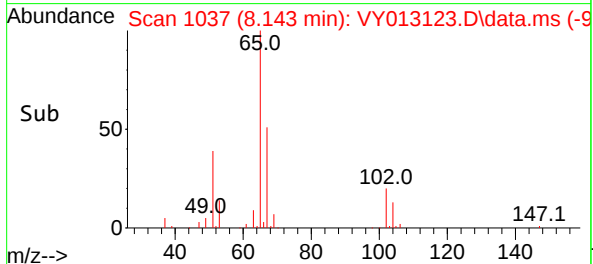
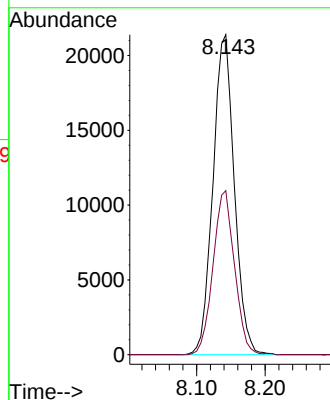
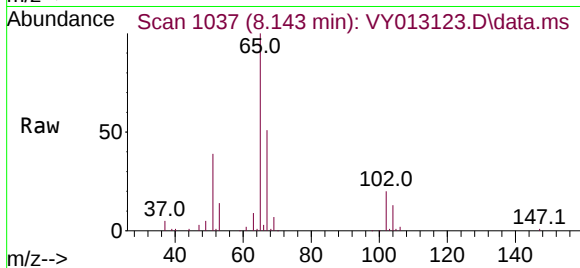
NB-8-032823

Tgt Ion: 65 Resp: 46274

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013123.D

Acq: 28 Mar 2023 17:44

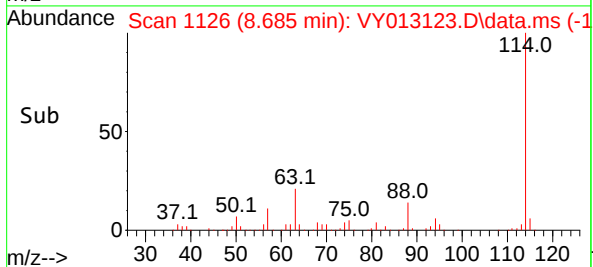
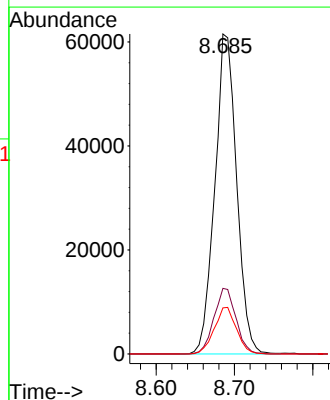
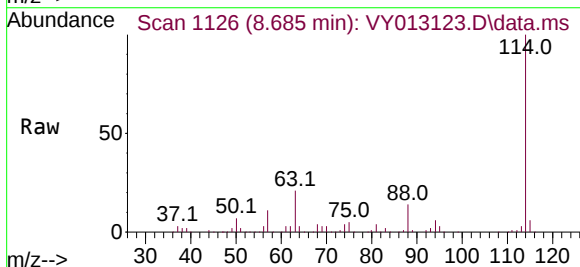
Tgt Ion: 114 Resp: 119193

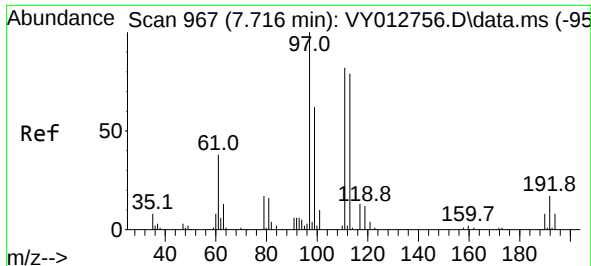
Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

88 14.4 0.0 28.6

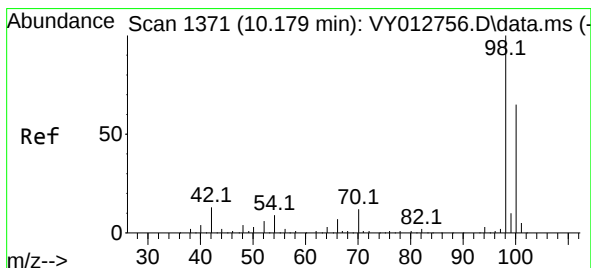
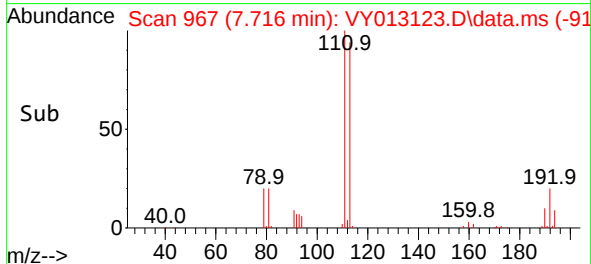
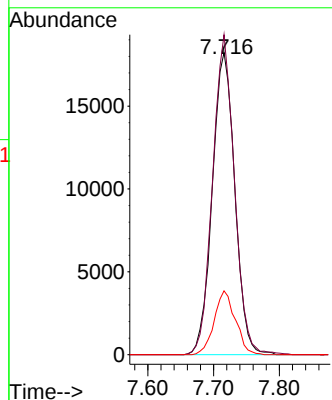
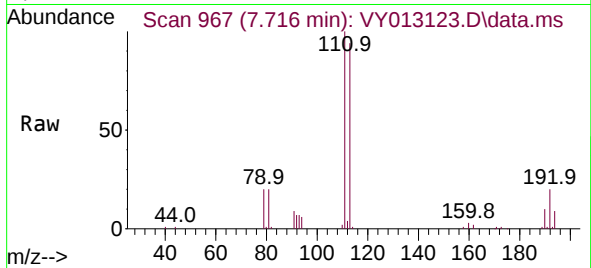




#35
Dibromofluoromethane
Concen: 60.448 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY013123.D
Acq: 28 Mar 2023 17:44

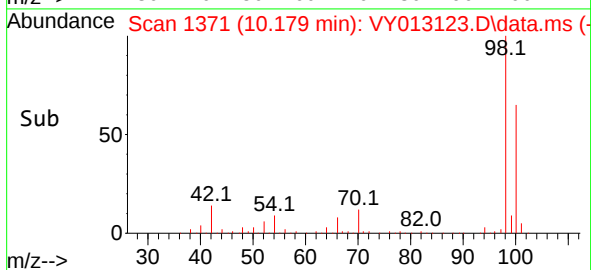
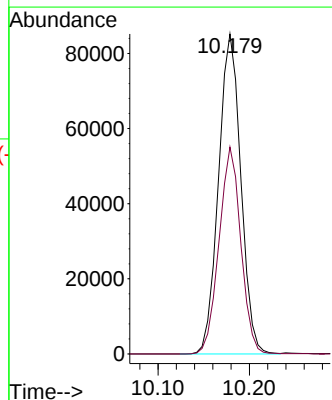
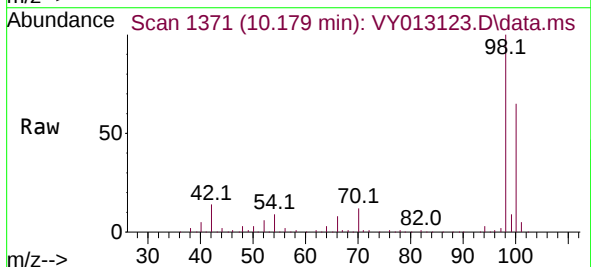
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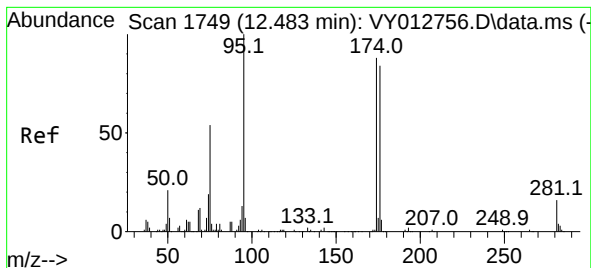
Tgt Ion:113 Resp: 43482
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 19.9 16.8 25.2



#50
Toluene-d8
Concen: 54.975 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY013123.D
Acq: 28 Mar 2023 17:44

Tgt Ion: 98 Resp: 144568
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3

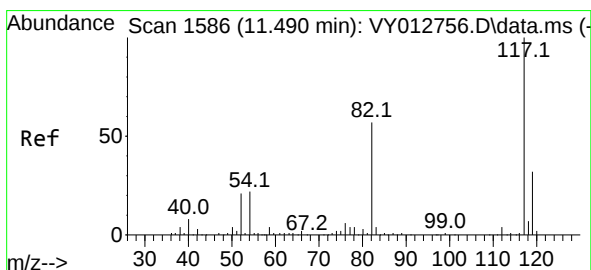
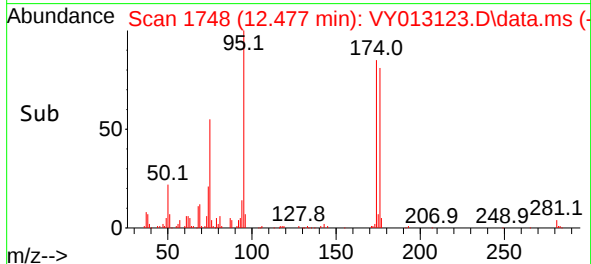
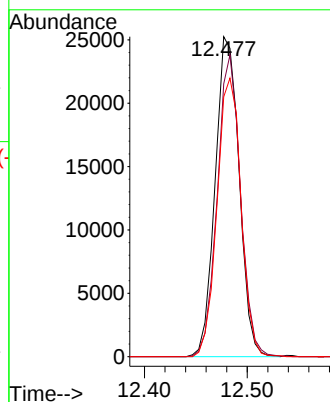
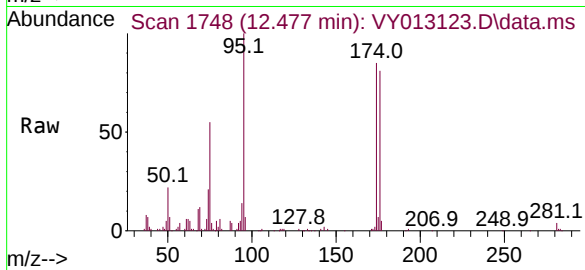




#62
4-Bromofluorobenzene
Concen: 46.081 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013123.D
Acq: 28 Mar 2023 17:44

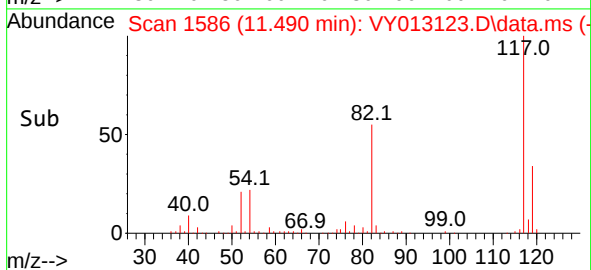
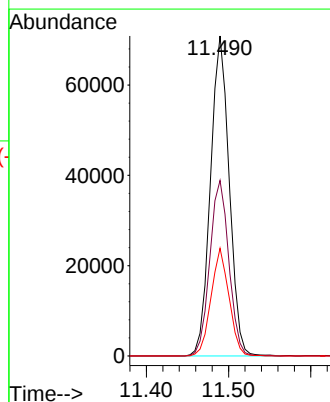
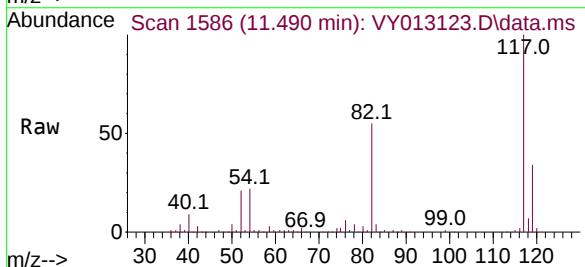
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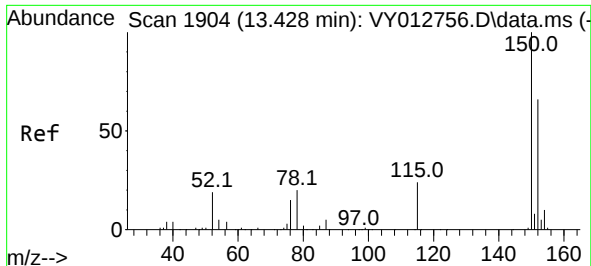
Tgt Ion: 95 Resp: 40901
Ion Ratio Lower Upper
95 100
174 91.3 0.0 176.6
176 87.0 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013123.D
Acq: 28 Mar 2023 17:44

Tgt Ion: 117 Resp: 112362
Ion Ratio Lower Upper
117 100
82 54.9 45.4 68.0
119 33.7 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013123.D

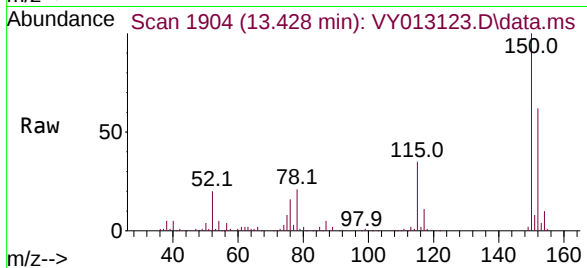
Acq: 28 Mar 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

NB-8-032823



Tgt Ion:152 Resp: 48530

Ion Ratio Lower Upper

152 100

115 56.4 27.1 81.3

150 156.8 0.0 347.8

