

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052024\
 Data File : VY018323.D
 Acq On : 20 May 2024 10:18
 Operator : SY/MD
 Sample : VY0520SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBL01

Quant Time: May 21 01:20:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

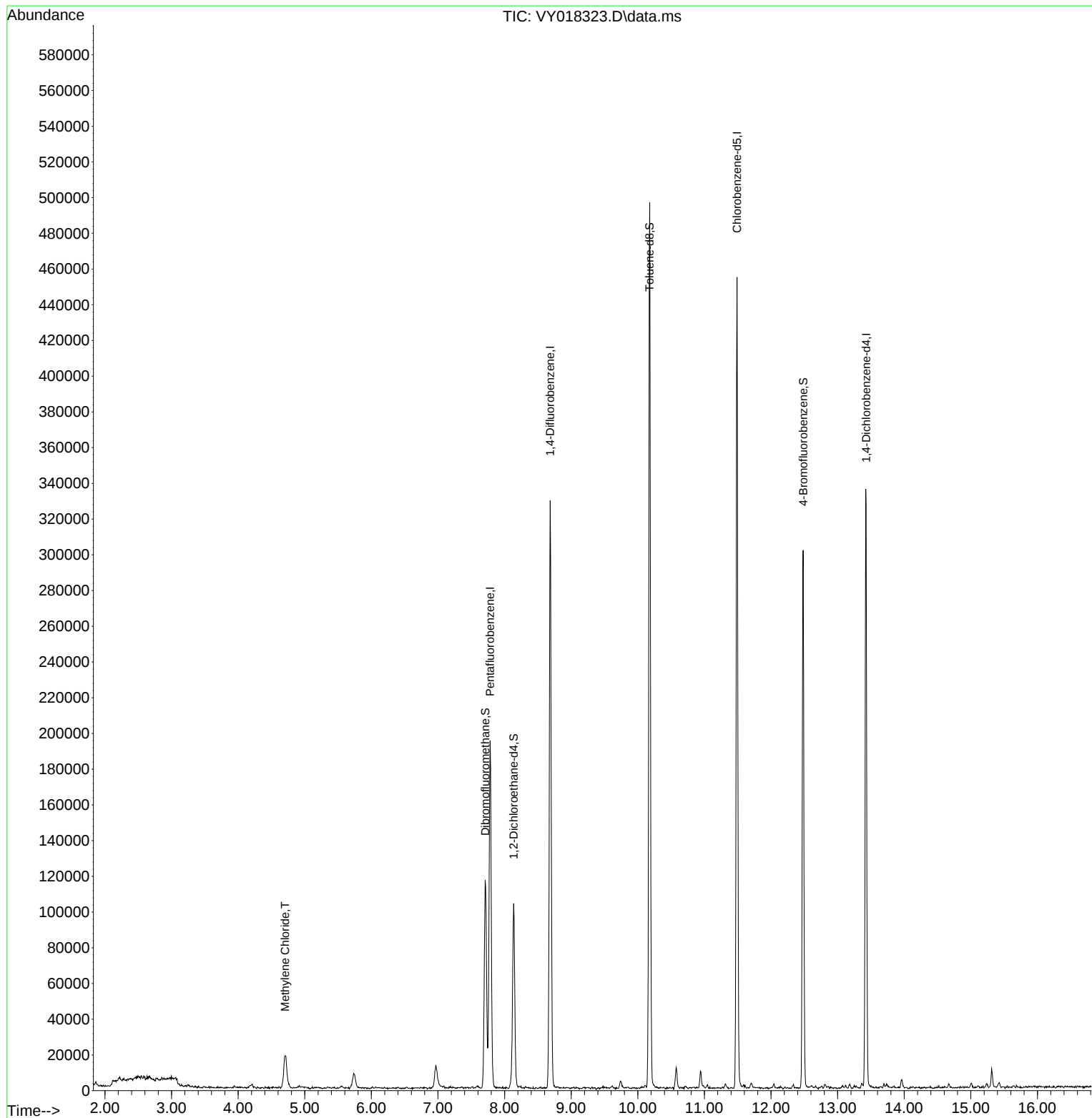
Internal Standards						
1) Pentafluorobenzene	7.783	168	146986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	288648	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	250611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	71940	66.529	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 133.060%			
35) Dibromofluoromethane	7.710	113	85900	56.626	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.260%			
50) Toluene-d8	10.179	98	330959	55.364	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.720%			
62) 4-Bromofluorobenzene	12.483	95	95352	49.393	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.780%			
Target Compounds						Qvalue
20) Methylene Chloride	4.704	84	14624	9.588	ug/l #	97

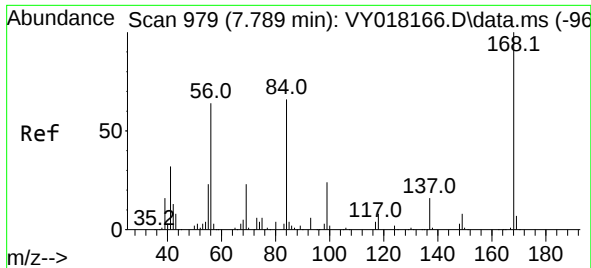
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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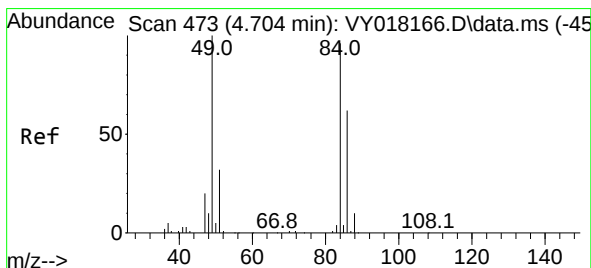
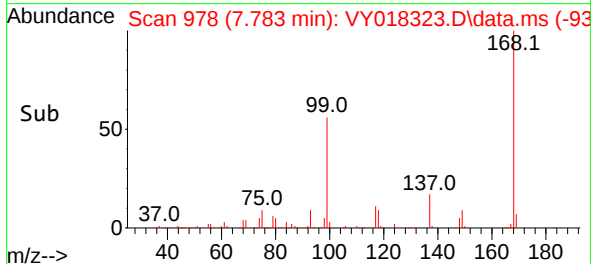
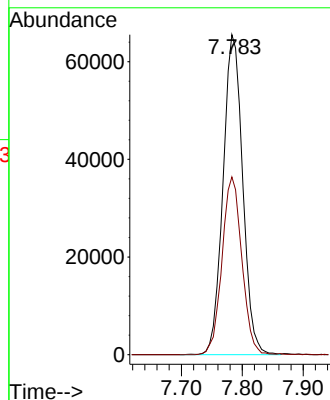
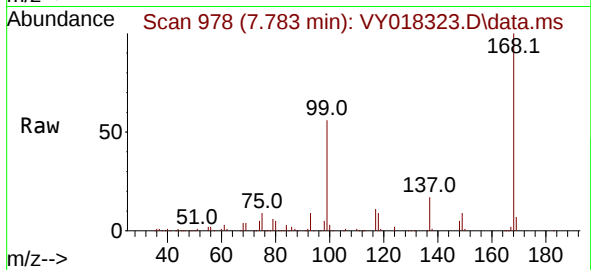




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018323.D
Acq: 20 May 2024 10:18

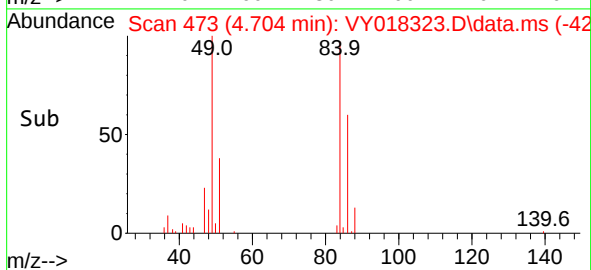
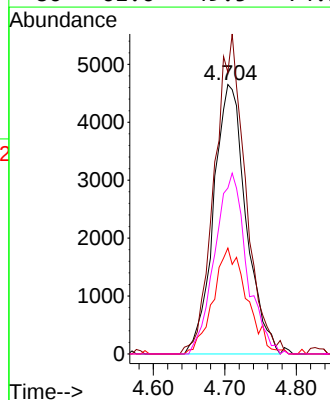
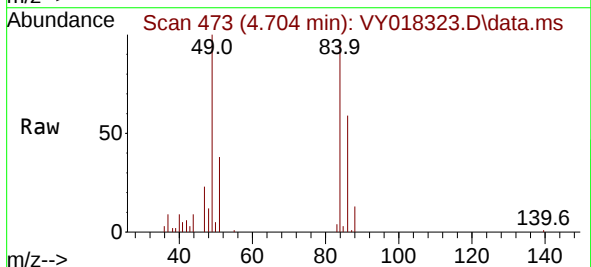
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBL01

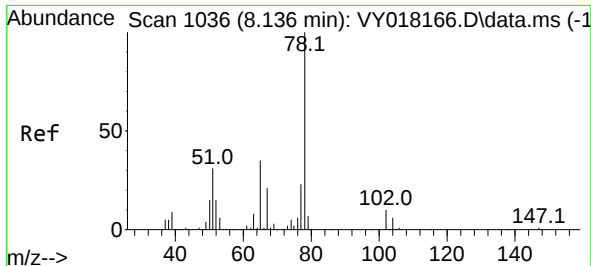
Tgt Ion:168 Resp: 146986
Ion Ratio Lower Upper
168 100
99 55.5 39.1 58.7



#20
Methylene Chloride
Concen: 9.588 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY018323.D
Acq: 20 May 2024 10:18

Tgt Ion: 84 Resp: 14624
Ion Ratio Lower Upper
84 100
49 104.5 84.4 126.6
51 39.3 26.0 39.0#
86 61.6 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 66.529 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY018323.D

Acq: 20 May 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

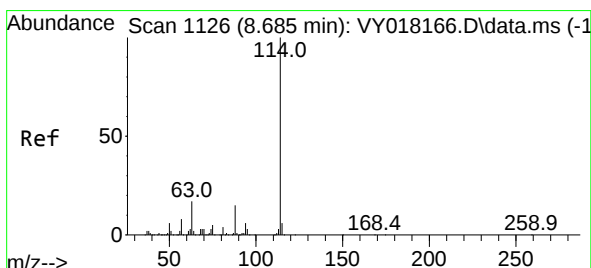
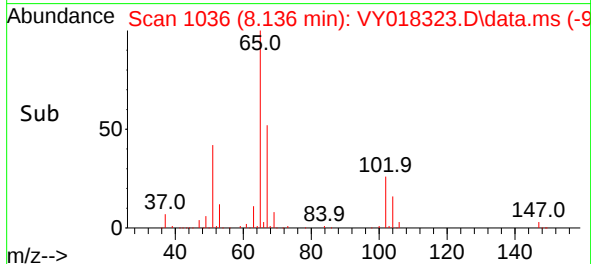
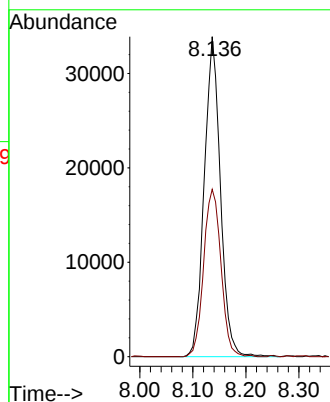
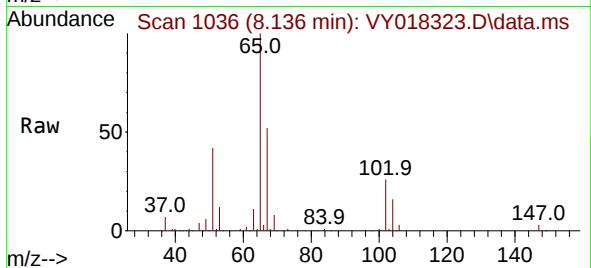
VY0520SBL01

Tgt Ion: 65 Resp: 71940

Ion Ratio Lower Upper

65 100

67 55.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018323.D

Acq: 20 May 2024 10:18

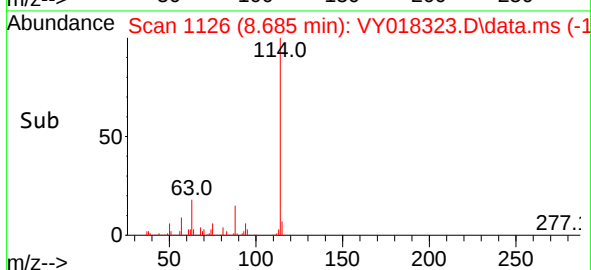
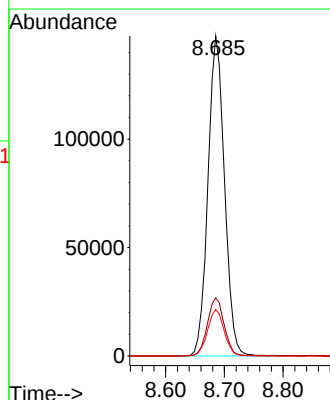
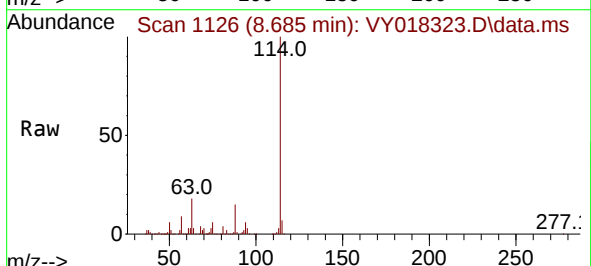
Tgt Ion:114 Resp: 288648

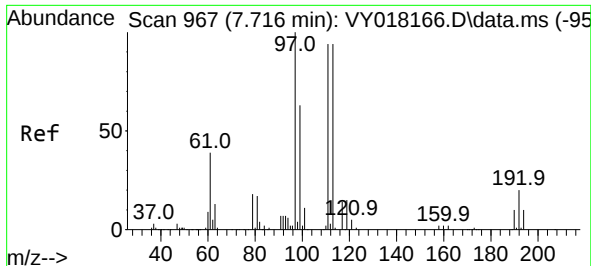
Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

88 14.5 0.0 27.2

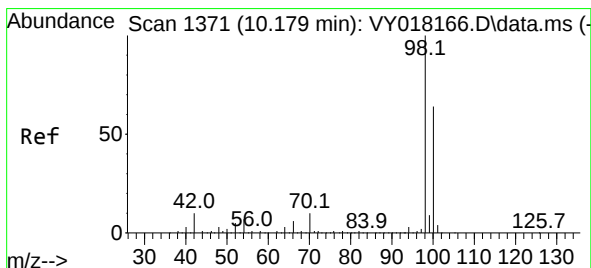
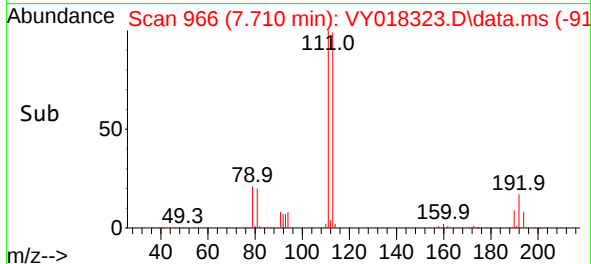
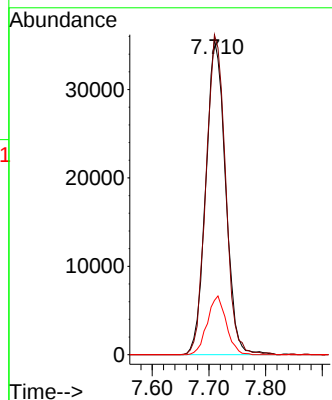
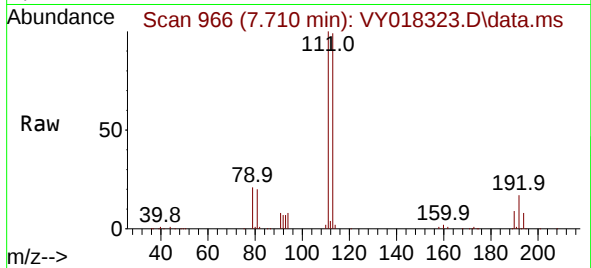




#35
Dibromofluoromethane
Concen: 56.626 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY018323.D
Acq: 20 May 2024 10:18

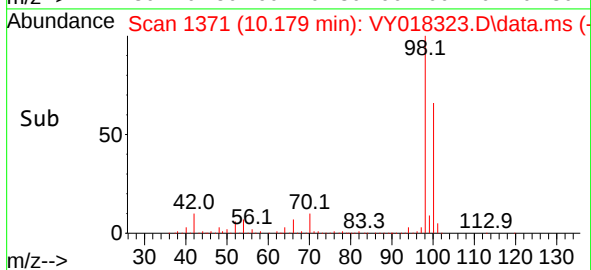
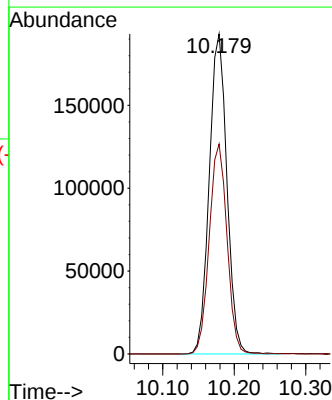
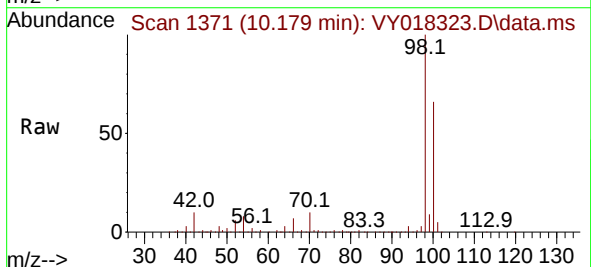
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBL01

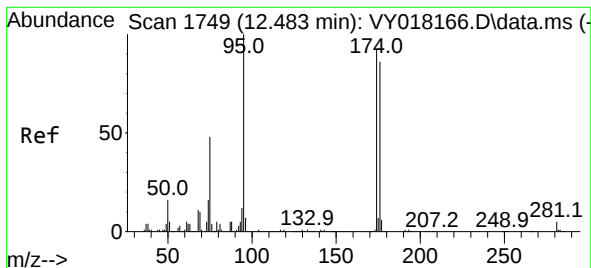
Tgt Ion:113 Resp: 85900
Ion Ratio Lower Upper
113 100
111 100.4 82.2 123.4
192 18.0 15.9 23.9



#50
Toluene-d8
Concen: 55.364 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018323.D
Acq: 20 May 2024 10:18

Tgt Ion: 98 Resp: 330959
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0

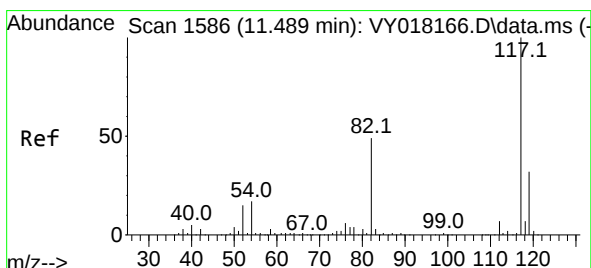
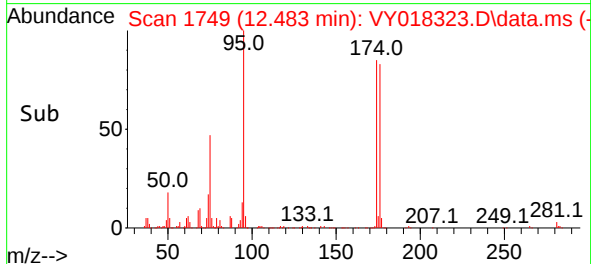
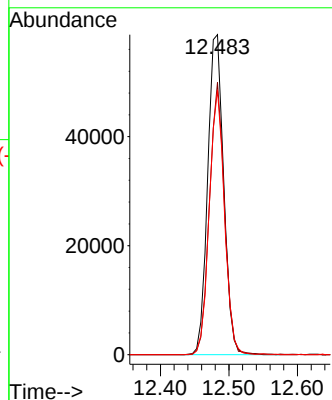
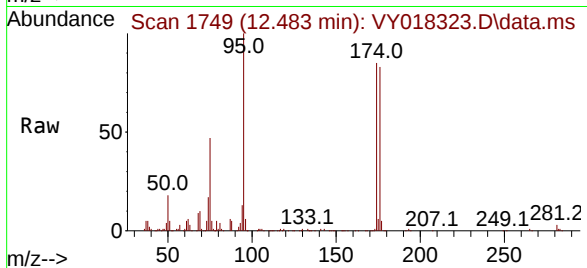




#62
4-Bromofluorobenzene
Concen: 49.393 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018323.D
Acq: 20 May 2024 10:18

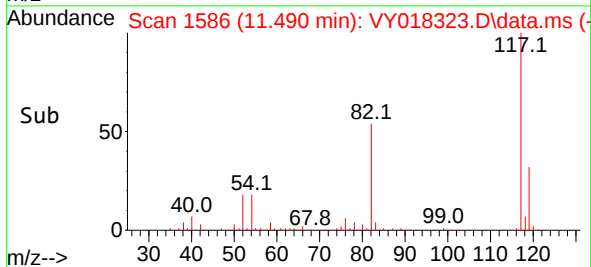
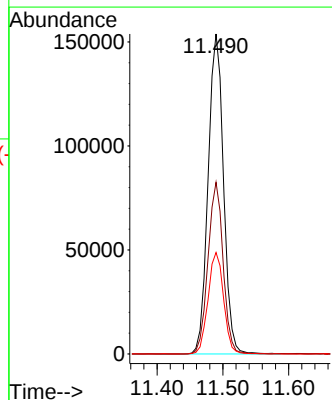
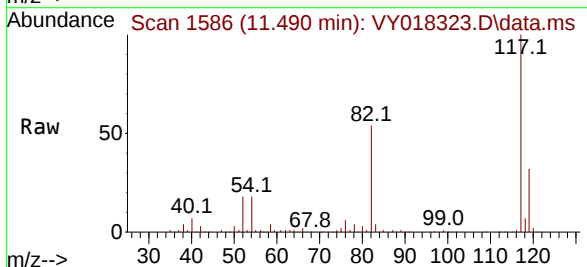
Instrument :
MSVOA_Y
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VY0520SBL01

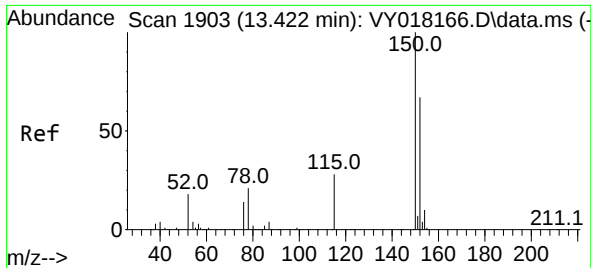
Tgt Ion: 95 Resp: 95352
Ion Ratio Lower Upper
95 100
174 80.0 0.0 175.6
176 78.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018323.D
Acq: 20 May 2024 10:18

Tgt Ion: 117 Resp: 250611
Ion Ratio Lower Upper
117 100
82 53.7 42.4 63.6
119 31.7 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018323.D

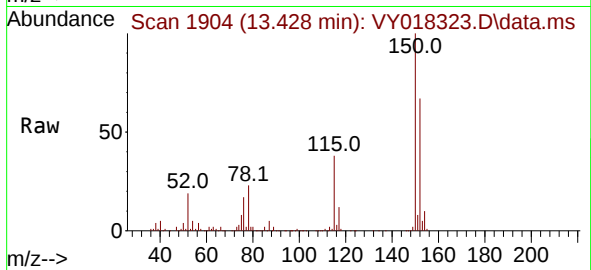
Acq: 20 May 2024 10:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBL01



Tgt Ion:152 Resp: 87052

Ion Ratio Lower Upper

152 100

115 58.9 28.2 84.7

150 155.8 0.0 345.6

