

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052623\
 Data File : VY013907.D
 Acq On : 26 May 2023 20:41
 Operator : KP/MD
 Sample : 02955-11
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB21

Quant Time: May 29 04:37:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

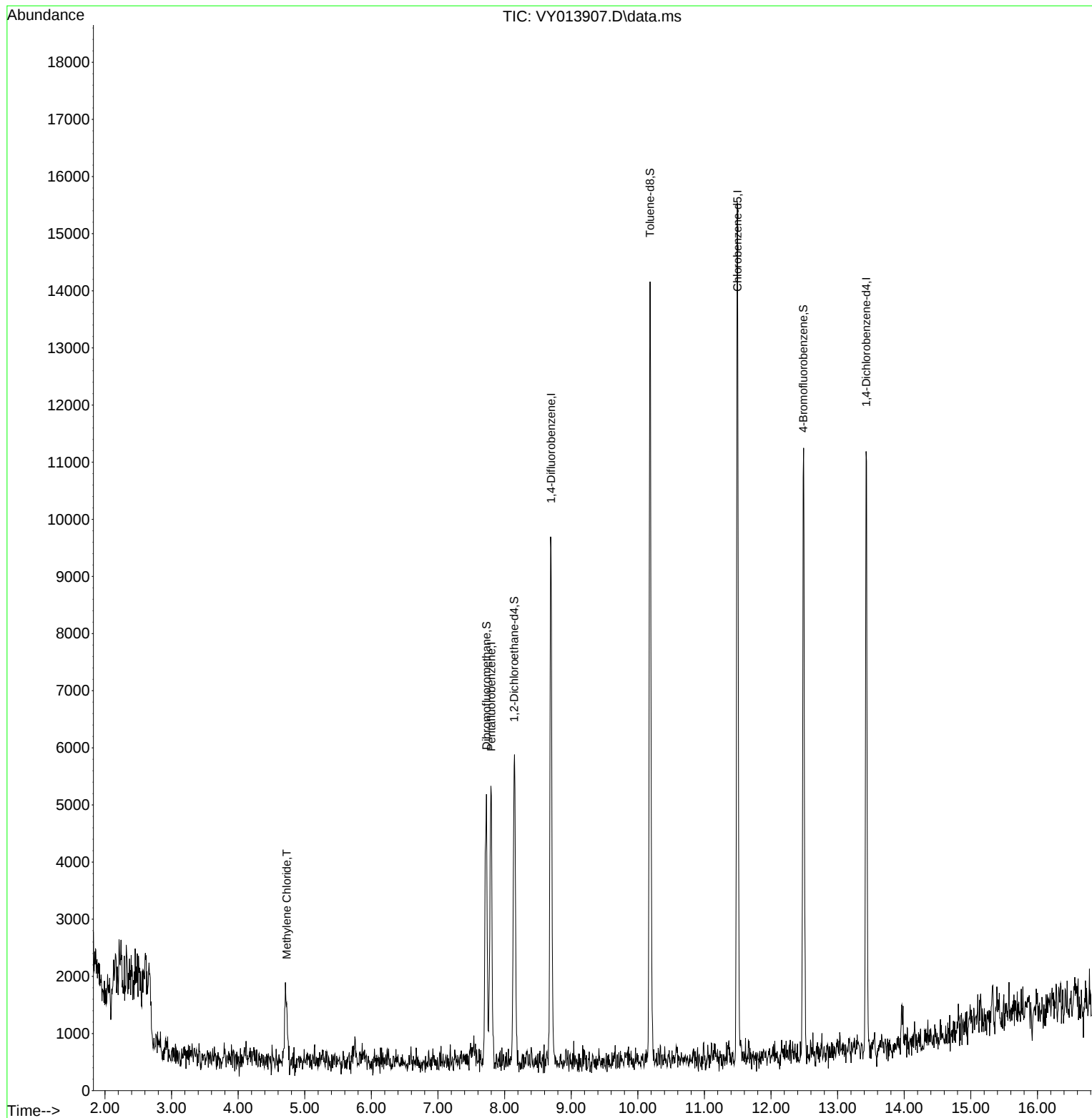
Internal Standards						
1) Pentafluorobenzene	7.801	168	4239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	8129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	8518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	4658	94.982	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 189.960%#	
35) Dibromofluoromethane	7.728	113	3137	59.755	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.520%	
50) Toluene-d8	10.185	98	9504	47.633	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.260%	
62) 4-Bromofluorobenzene	12.483	95	3135	47.269	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.540%	
Target Compounds						
20) Methylene Chloride	4.728	84	828	14.227	ug/l	Qvalue # 95

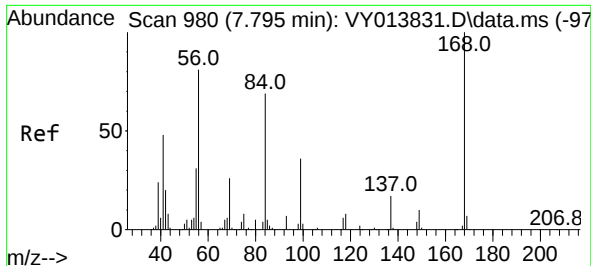
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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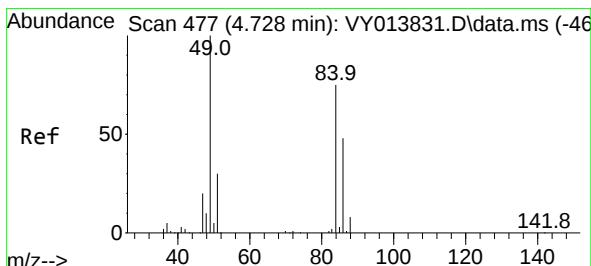
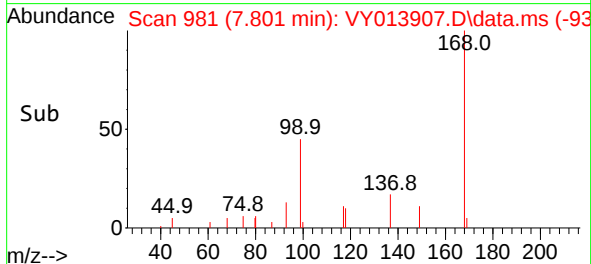
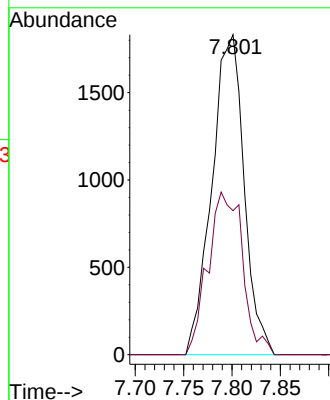
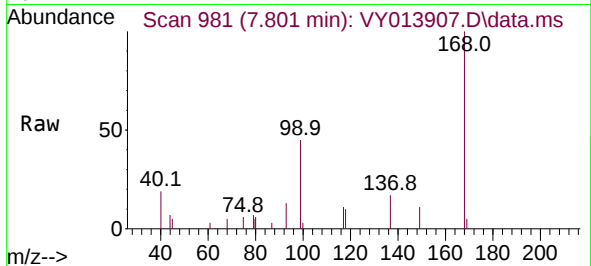




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY013907.D
Acq: 26 May 2023 20:41

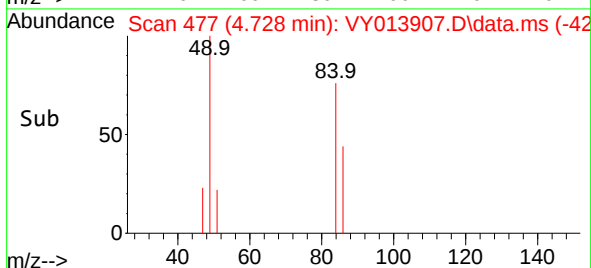
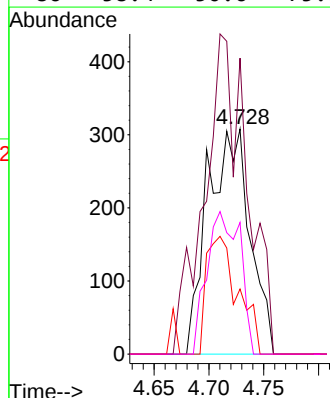
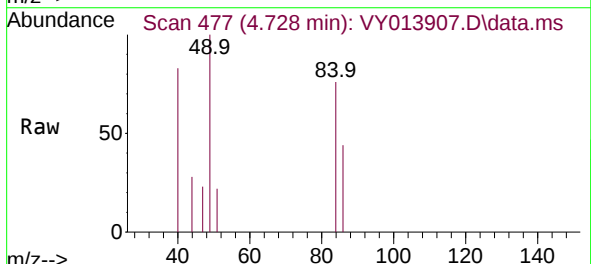
Instrument :
MSVOA_Y
ClientSampleId :
SB21

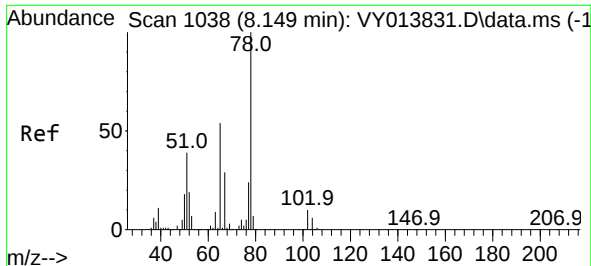
Tgt Ion:168 Resp: 4239
Ion Ratio Lower Upper
168 100
99 45.0 43.4 65.2



#20
Methylene Chloride
Concen: 14.227 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY013907.D
Acq: 26 May 2023 20:41

Tgt Ion: 84 Resp: 828
Ion Ratio Lower Upper
84 100
49 131.5 106.2 159.2
51 28.9 31.4 47.0#
86 58.4 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 94.982 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY013907.D

Acq: 26 May 2023 20:41

Instrument :

MSVOA_Y

ClientSampleId :

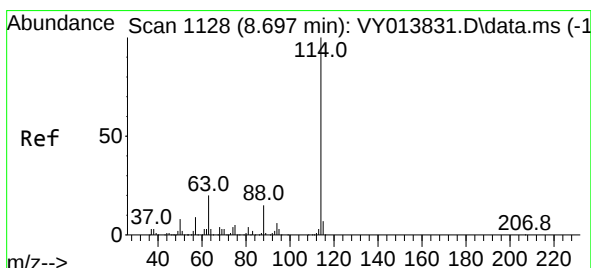
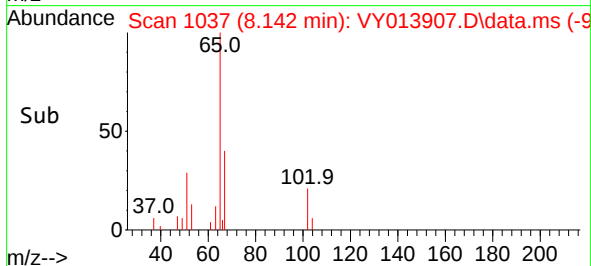
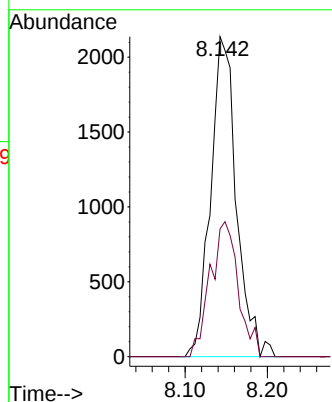
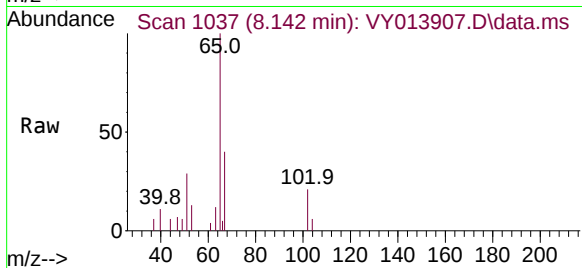
SB21

Tgt Ion: 65 Resp: 4658

Ion Ratio Lower Upper

65 100

67 45.9 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY013907.D

Acq: 26 May 2023 20:41

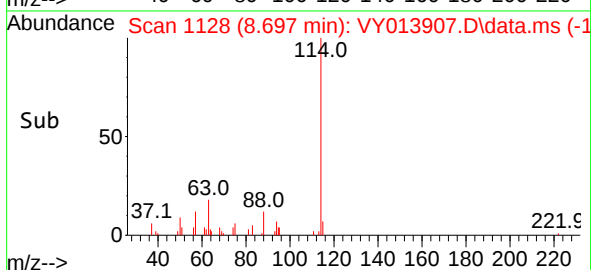
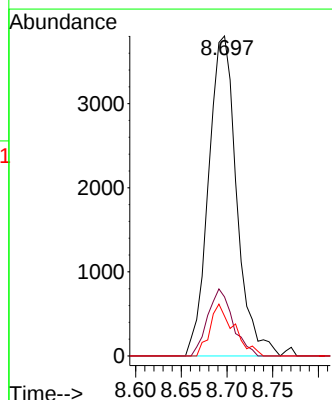
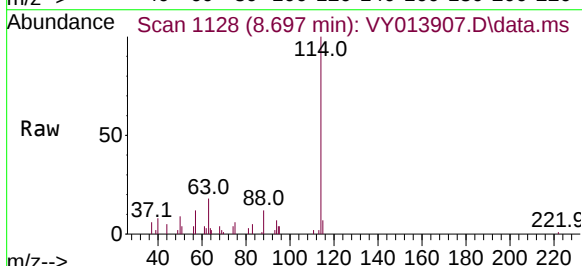
Tgt Ion: 114 Resp: 8129

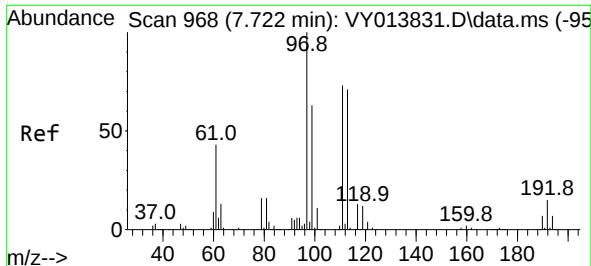
Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.2

88 12.4 0.0 30.0

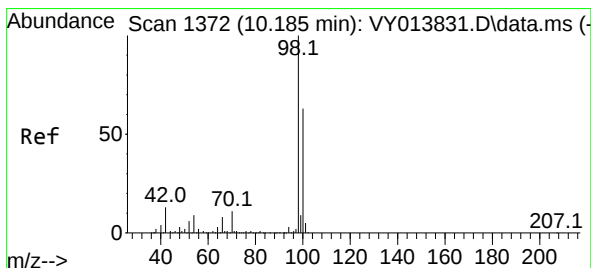
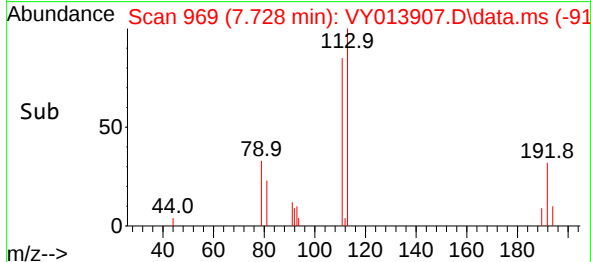
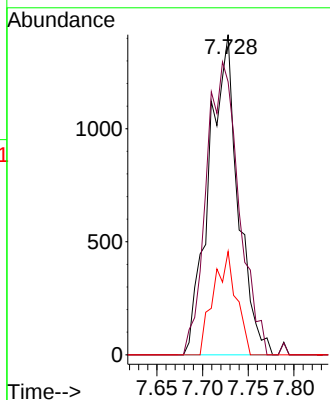
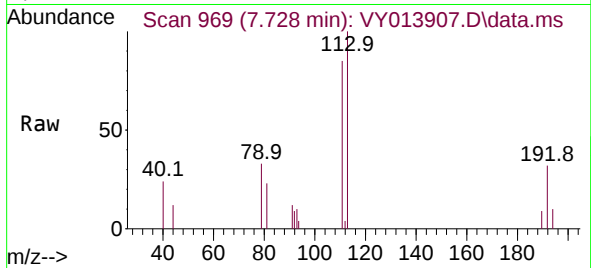




#35
Dibromofluoromethane
Concen: 59.755 ug/l
RT: 7.728 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY013907.D
Acq: 26 May 2023 20:41

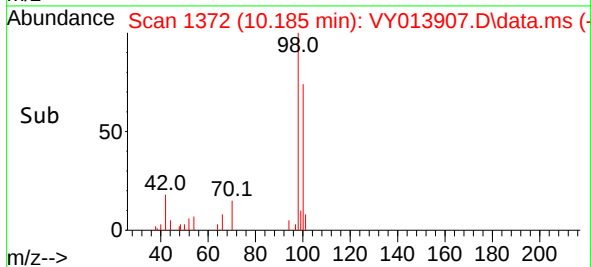
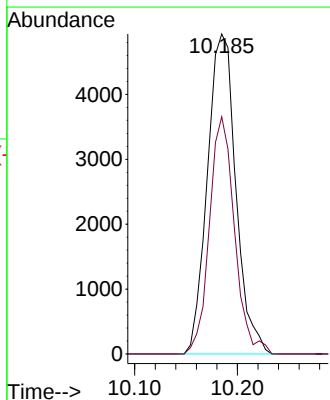
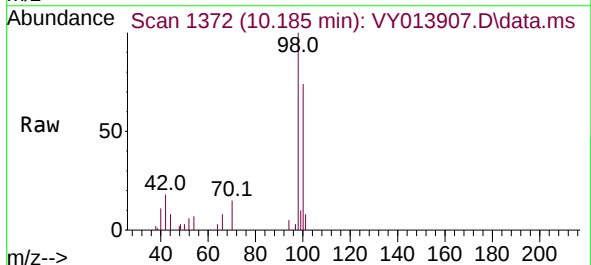
Instrument :
MSVOA_Y
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SB21

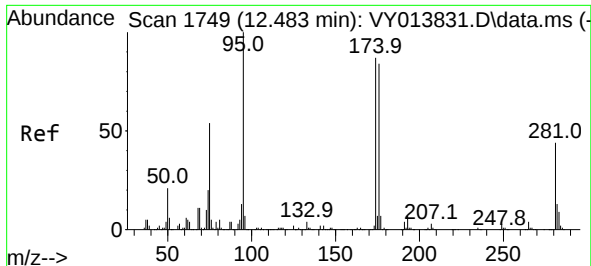
Tgt Ion:113 Resp: 3137
Ion Ratio Lower Upper
113 100
111 102.6 80.4 120.6
192 25.2 16.6 25.0#



#50
Toluene-d8
Concen: 47.633 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY013907.D
Acq: 26 May 2023 20:41

Tgt Ion: 98 Resp: 9504
Ion Ratio Lower Upper
98 100
100 65.3 50.8 76.2

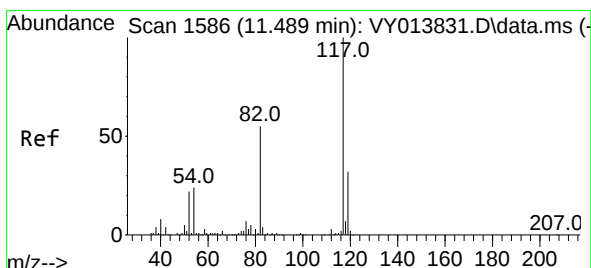
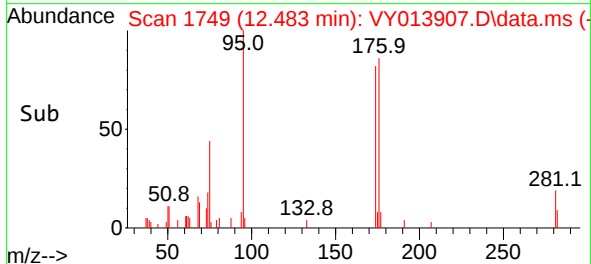
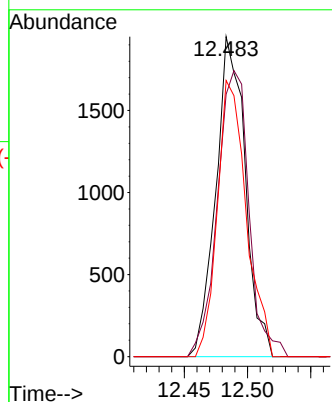
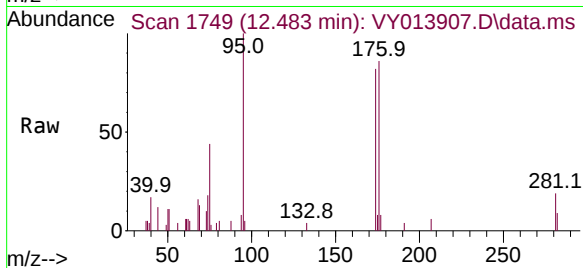




#62
4-Bromofluorobenzene
Concen: 47.269 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013907.D
Acq: 26 May 2023 20:41

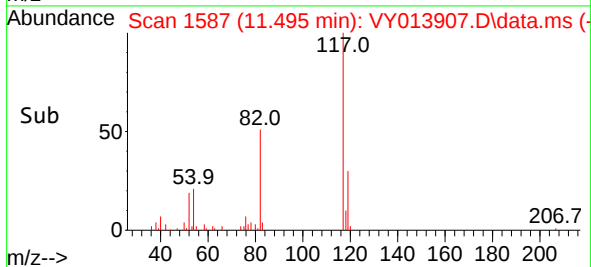
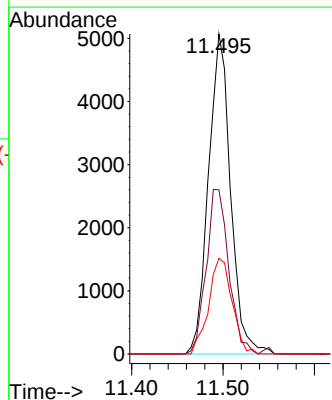
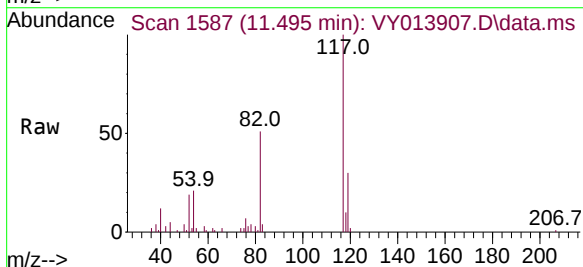
Instrument :
MSVOA_Y
ClientSampleId :
SB21

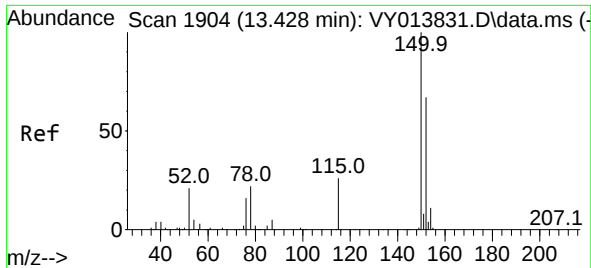
Tgt Ion: 95 Resp: 3135
Ion Ratio Lower Upper
95 100
174 96.2 0.0 176.0
176 85.2 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY013907.D
Acq: 26 May 2023 20:41

Tgt Ion: 117 Resp: 8518
Ion Ratio Lower Upper
117 100
82 51.3 44.2 66.4
119 29.9 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY013907.D

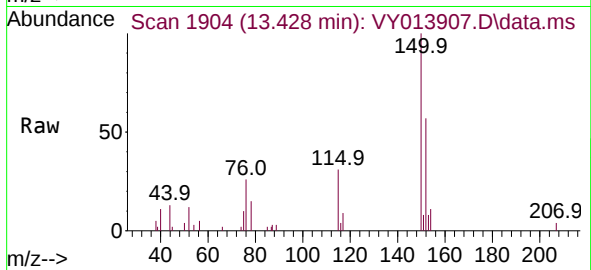
Acq: 26 May 2023 20:41

Instrument :

MSVOA_Y

ClientSampleId :

SB21



Tgt Ion:152 Resp: 2836

Ion Ratio Lower Upper

152 100

115 54.8 28.8 86.5

150 174.0 0.0 353.4

