

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051624\
 Data File : VY018283.D
 Acq On : 16 May 2024 12:31
 Operator : SY/MD
 Sample : VY0516SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBL01

Quant Time: May 17 01:14:24 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)

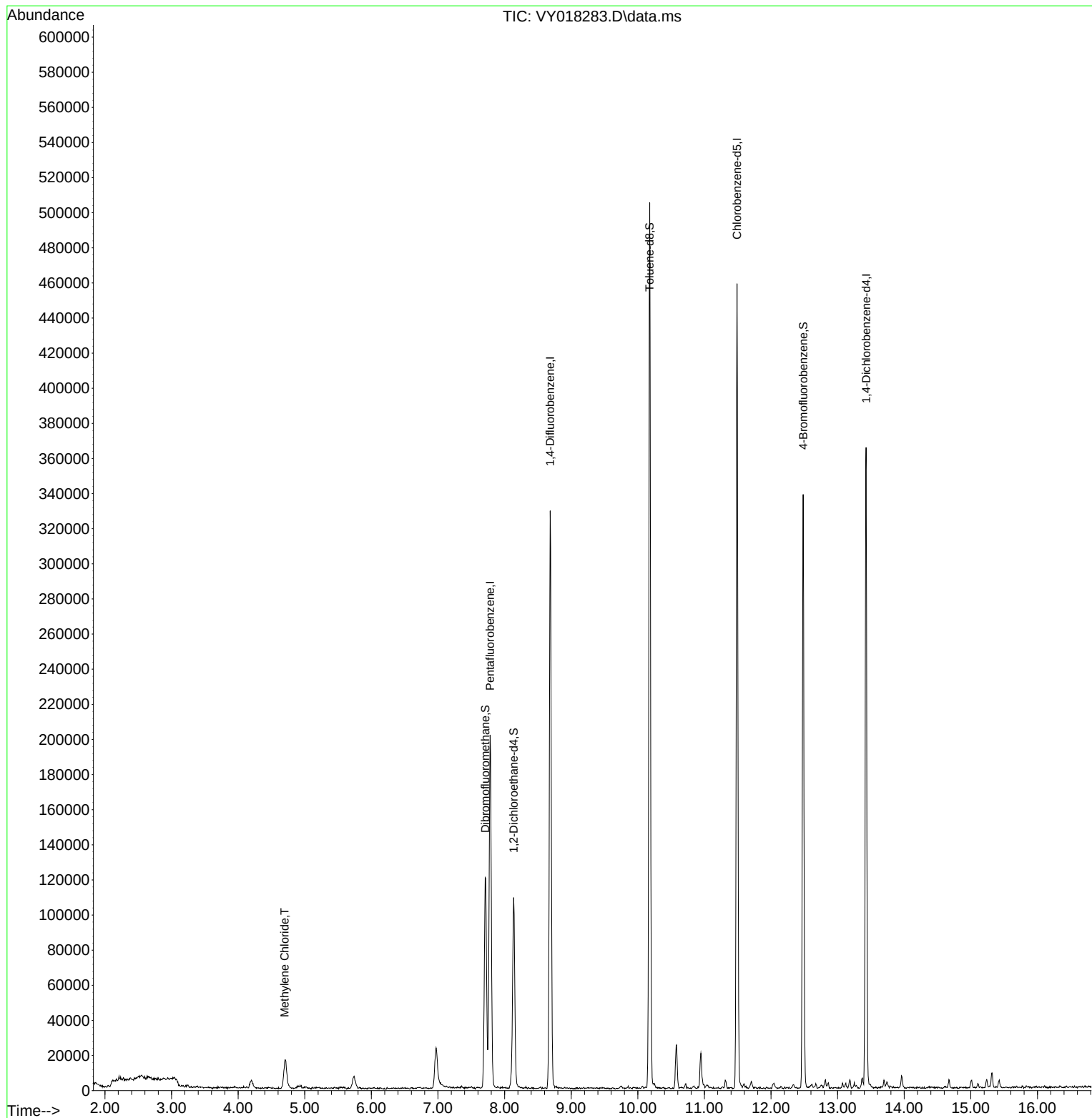
Internal Standards						
1) Pentafluorobenzene	7.783	168	161614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	296083	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	260234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	76583	64.413	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 128.820%		
35) Dibromofluoromethane	7.710	113	85781	55.127	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 110.260%		
50) Toluene-d8	10.179	98	336532	54.883	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 109.760%		
62) 4-Bromofluorobenzene	12.483	95	99612	50.304	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 100.600%		
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.698	84	12770	7.615	ug/l	# 86

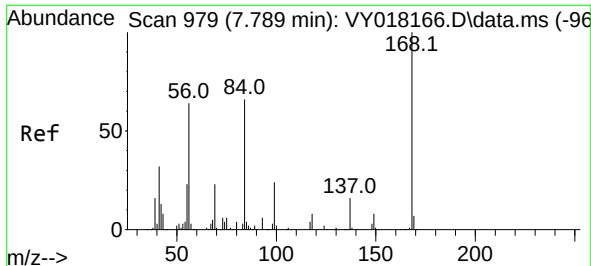
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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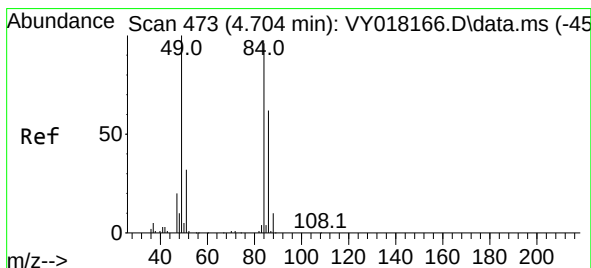
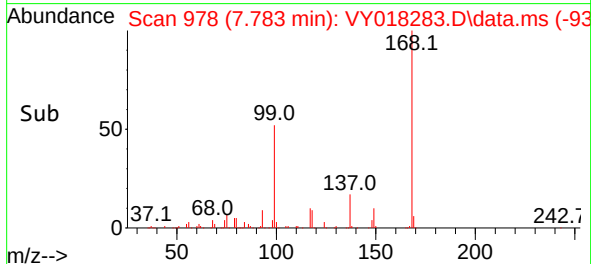
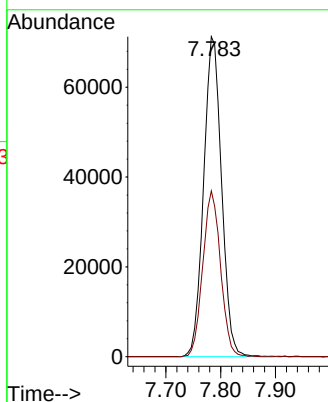
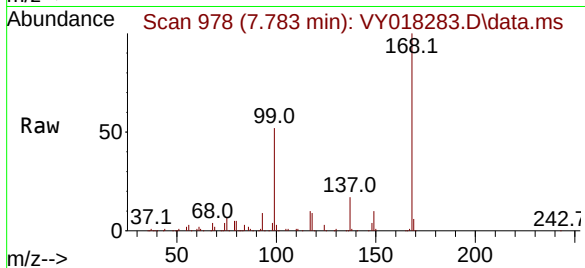




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018283.D
Acq: 16 May 2024 12:31

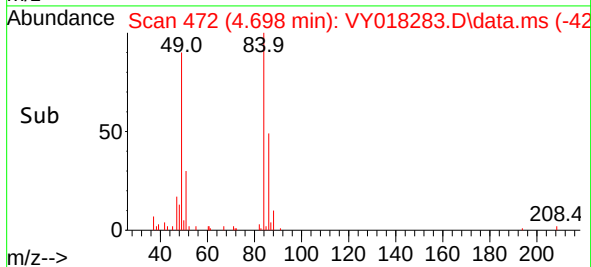
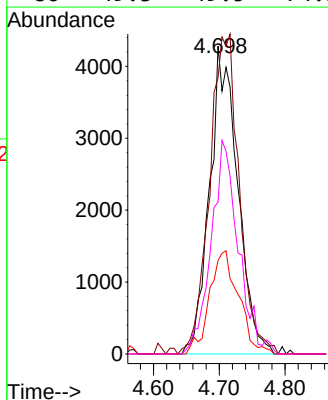
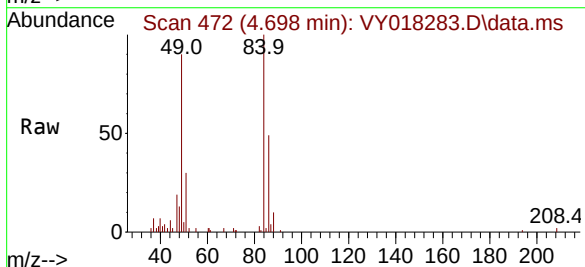
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBL01

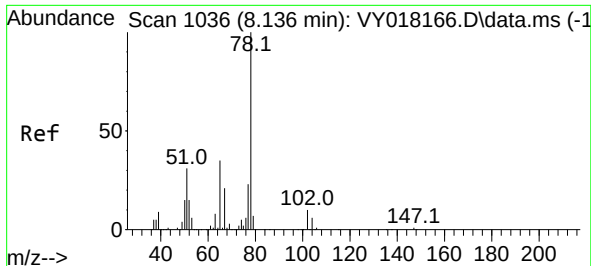
Tgt Ion:168 Resp: 161614
Ion Ratio Lower Upper
168 100
99 51.8 39.1 58.7



#20
Methylene Chloride
Concen: 7.615 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY018283.D
Acq: 16 May 2024 12:31

Tgt Ion: 84 Resp: 12770
Ion Ratio Lower Upper
84 100
49 89.7 84.4 126.6
51 30.4 26.0 39.0
86 49.3 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 64.413 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY018283.D

Acq: 16 May 2024 12:31

Instrument :

MSVOA_Y

ClientSampleId :

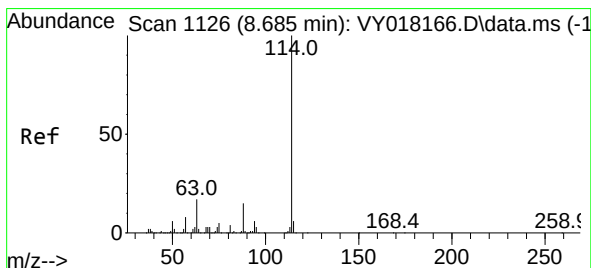
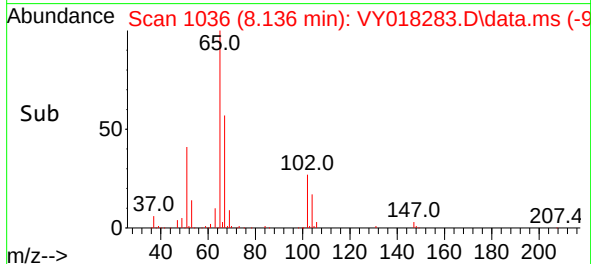
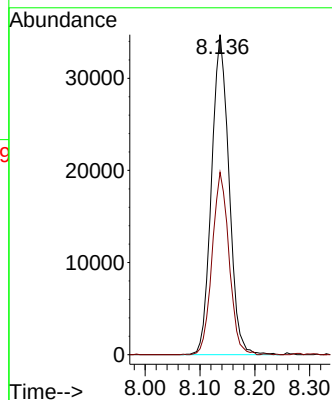
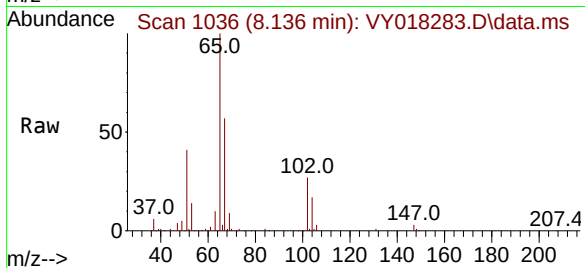
VY0516SBL01

Tgt Ion: 65 Resp: 76583

Ion Ratio Lower Upper

65 100

67 55.2 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: VY018283.D

Acq: 16 May 2024 12:31

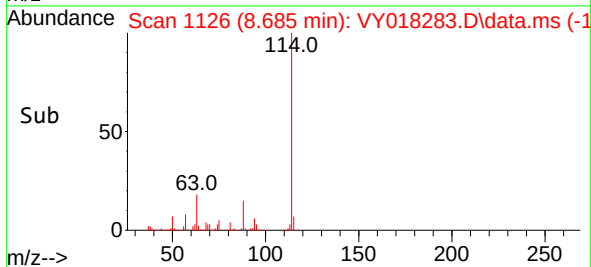
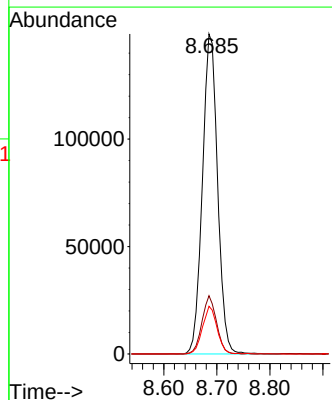
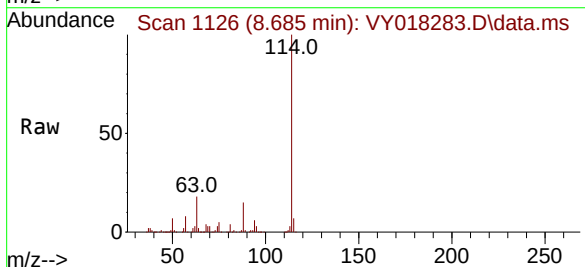
Tgt Ion: 114 Resp: 296083

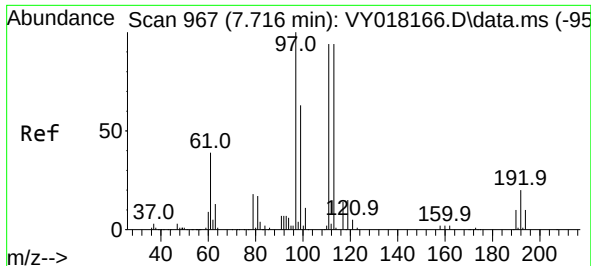
Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

88 14.9 0.0 27.2

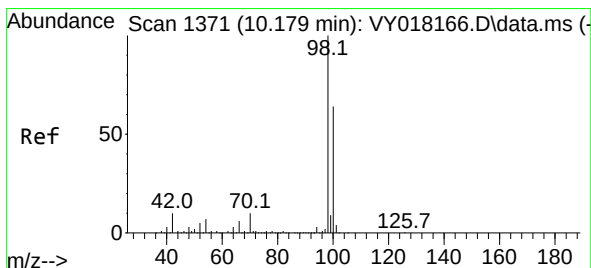
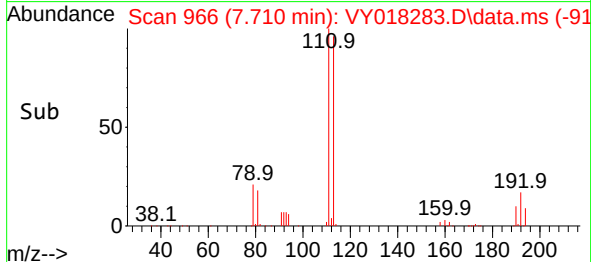
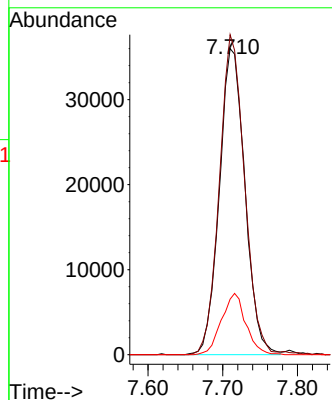
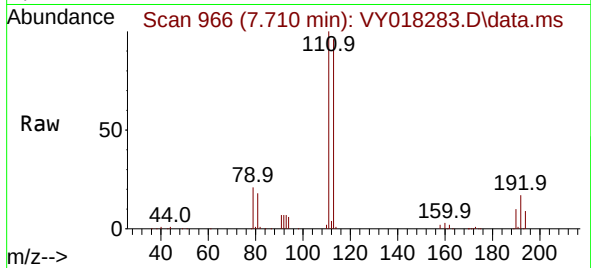




#35
Dibromofluoromethane
Concen: 55.127 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY018283.D
Acq: 16 May 2024 12:31

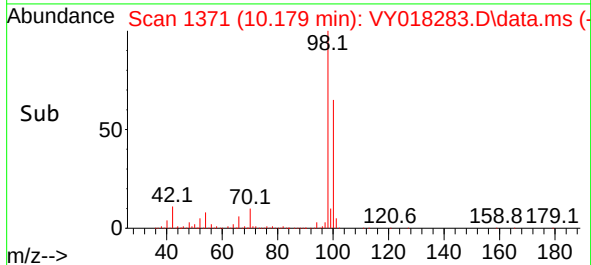
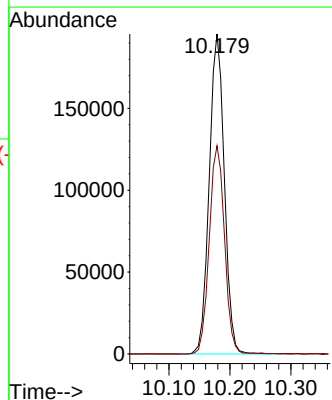
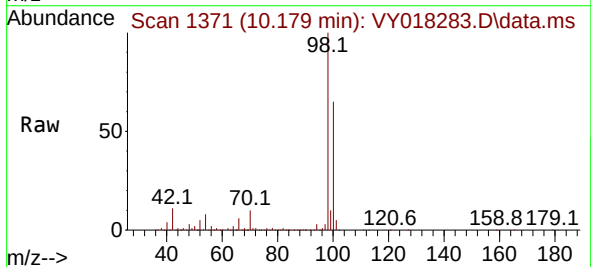
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBL01

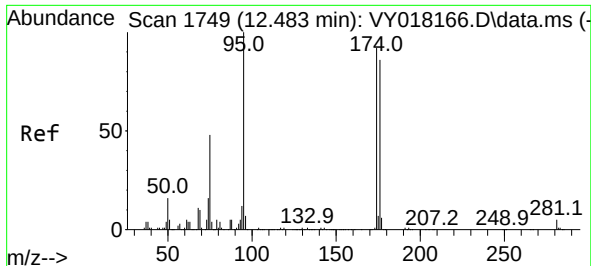
Tgt Ion:113 Resp: 85781
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 19.1 15.9 23.9



#50
Toluene-d8
Concen: 54.883 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018283.D
Acq: 16 May 2024 12:31

Tgt Ion: 98 Resp: 336532
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0

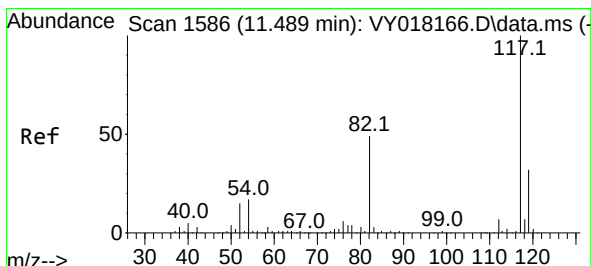
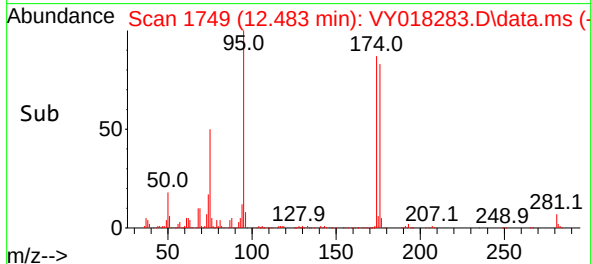
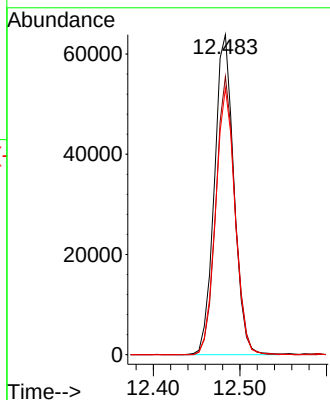
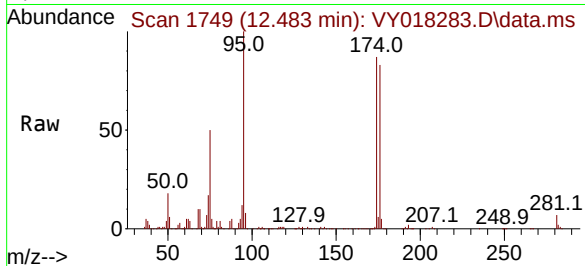




#62
4-Bromofluorobenzene
Concen: 50.304 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018283.D
Acq: 16 May 2024 12:31

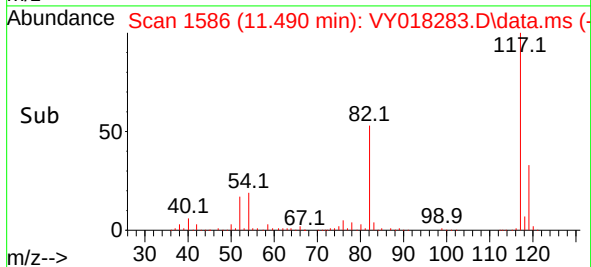
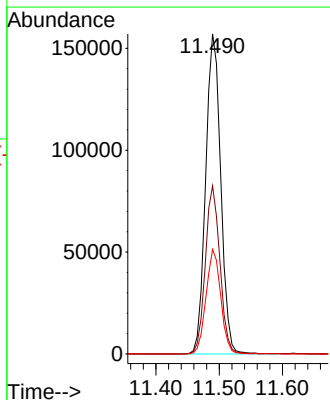
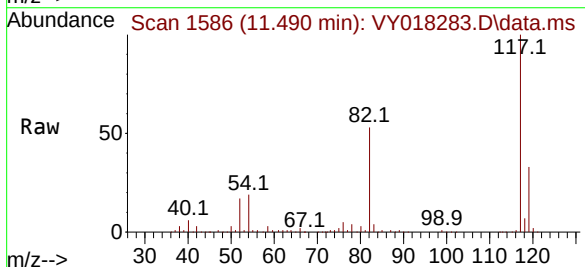
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBL01

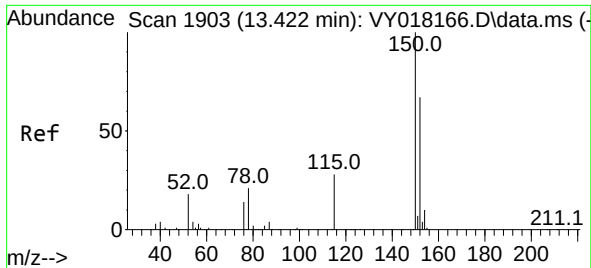
Tgt Ion: 95 Resp: 99612
Ion Ratio Lower Upper
95 100
174 85.3 0.0 175.6
176 83.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018283.D
Acq: 16 May 2024 12:31

Tgt Ion: 117 Resp: 260234
Ion Ratio Lower Upper
117 100
82 52.6 42.4 63.6
119 32.7 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: VY018283.D

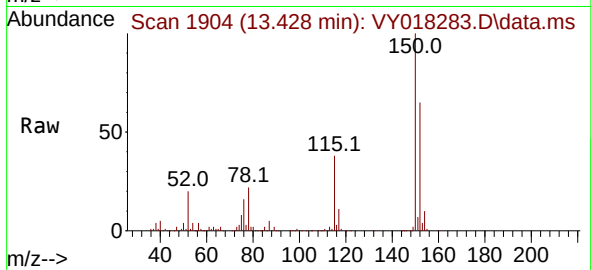
Acq: 16 May 2024 12:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBL01



Tgt Ion:152 Resp: 97440

Ion Ratio Lower Upper

152 100

115 58.2 28.2 84.7

150 155.0 0.0 345.6

