

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053024\
 Data File : VY018405.D
 Acq On : 30 May 2024 10:59
 Operator : SY/MD
 Sample : VY0530SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0530SBL01

Quant Time: May 31 00:58:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	104429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	207034	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	181206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	63286	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	60115	60.760	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.520%
35) Dibromofluoromethane	7.710	113	63059	52.230	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.460%
50) Toluene-d8	10.179	98	245034	52.056	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.120%
62) 4-Bromofluorobenzene	12.483	95	71204	48.956	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.920%

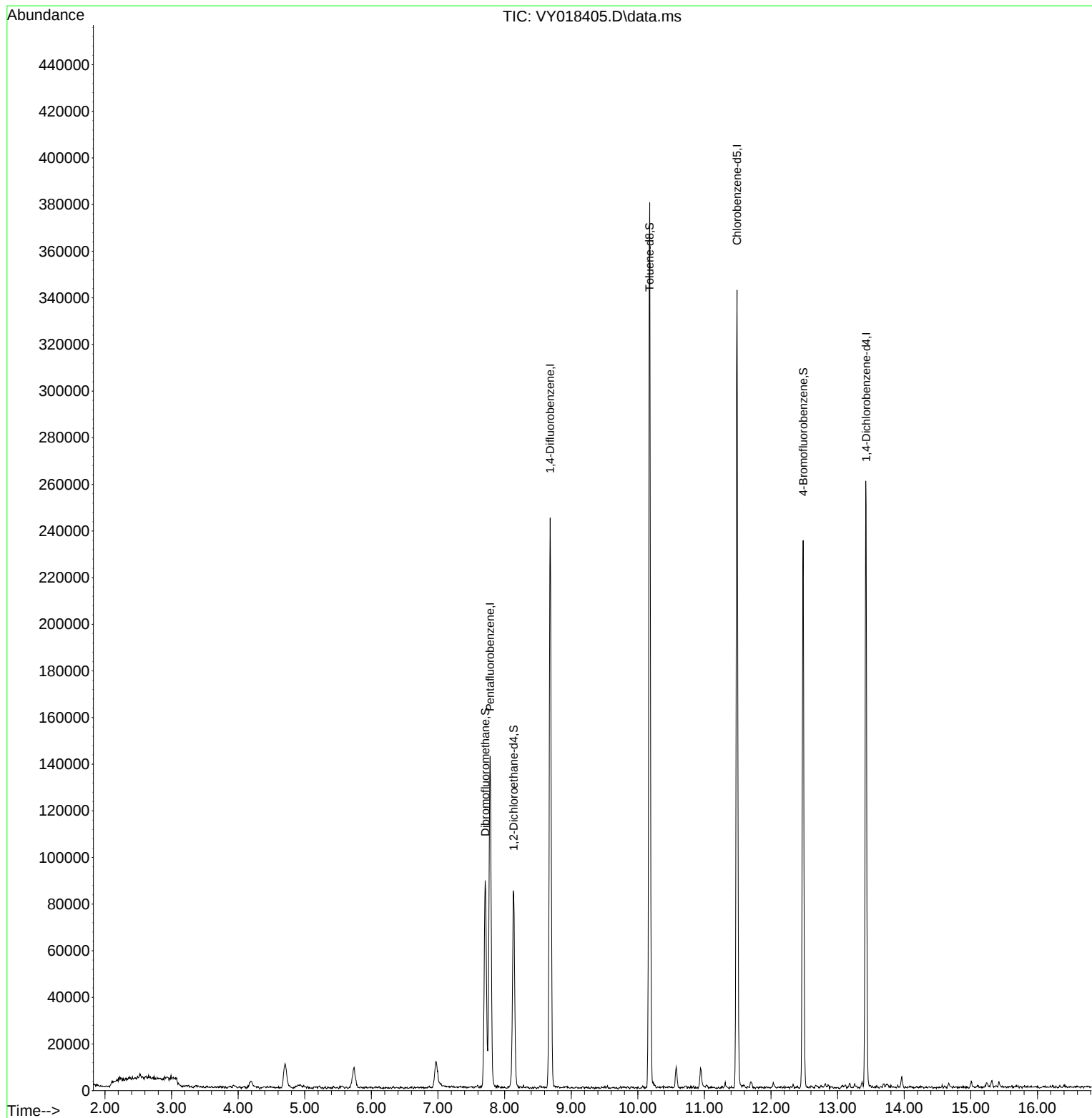
Target Compounds	Qvalue

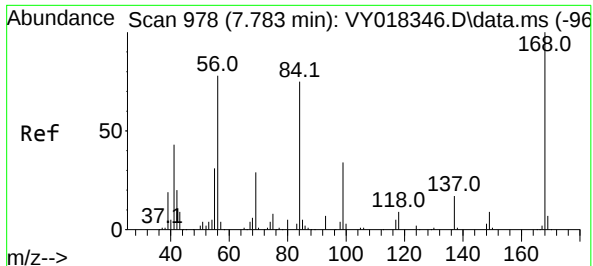
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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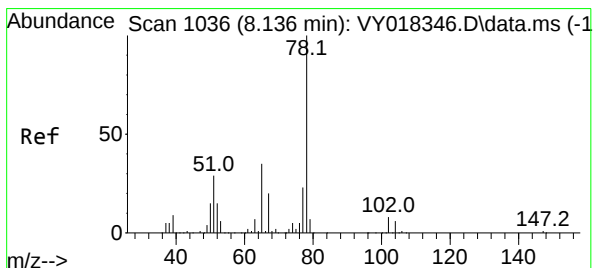
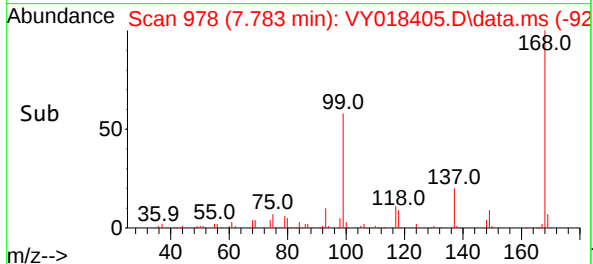
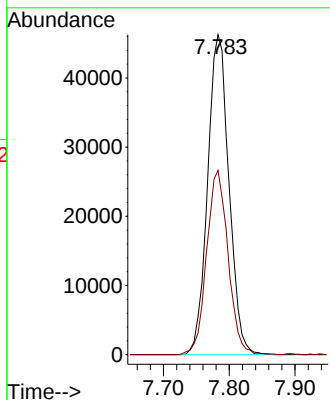
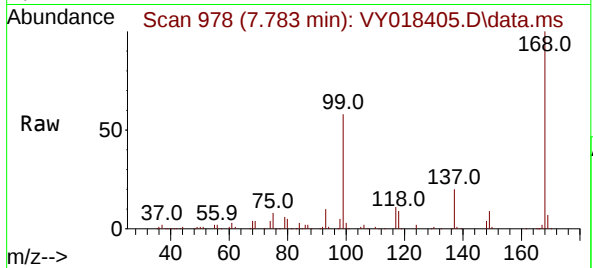




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018405.D
Acq: 30 May 2024 10:59

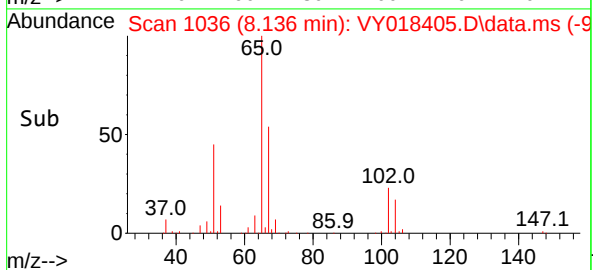
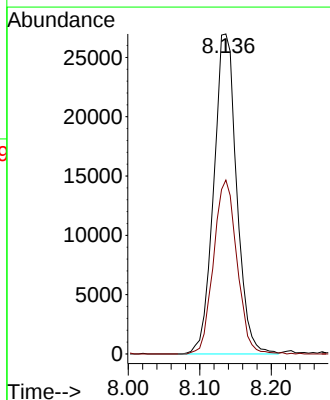
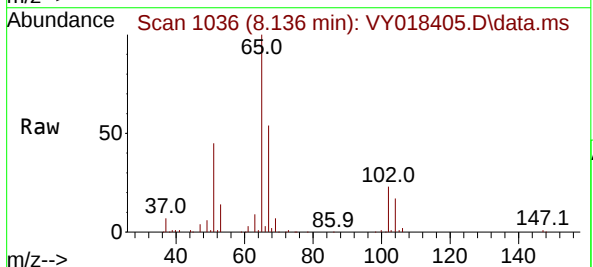
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBL01

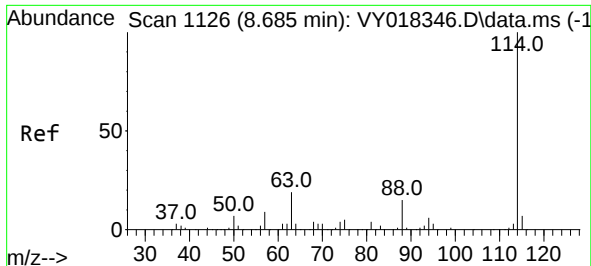
Tgt Ion:168 Resp: 104429
Ion Ratio Lower Upper
168 100
99 57.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 60.760 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018405.D
Acq: 30 May 2024 10:59

Tgt Ion: 65 Resp: 60115
Ion Ratio Lower Upper
65 100
67 55.5 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: VY018405.D

Acq: 30 May 2024 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY0530SBL01

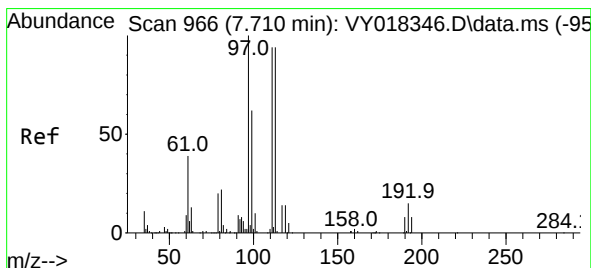
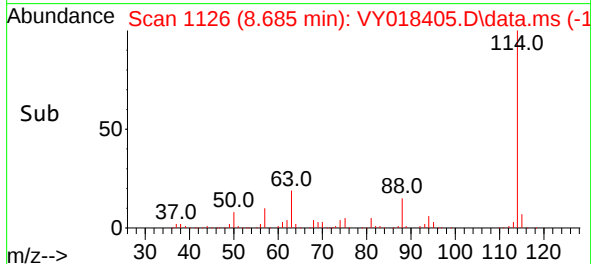
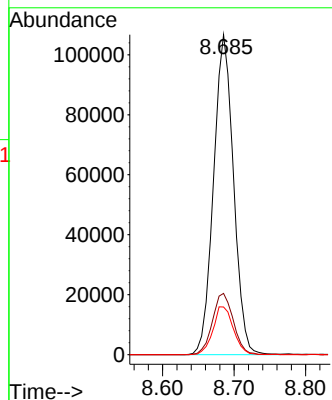
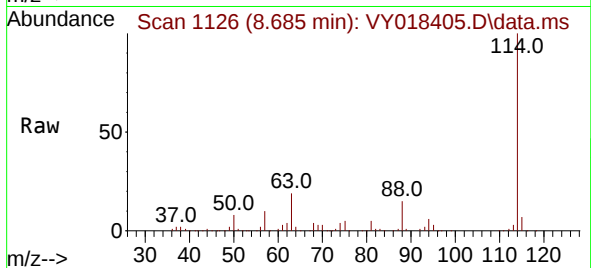
Tgt Ion:114 Resp: 207034

Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.0

88 14.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.230 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY018405.D

Acq: 30 May 2024 10:59

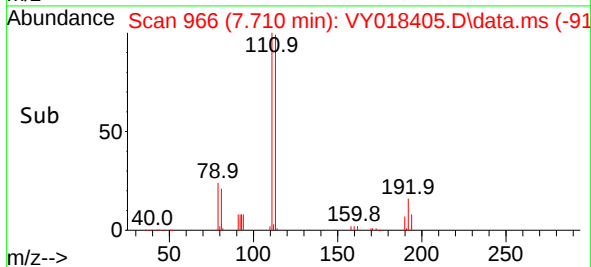
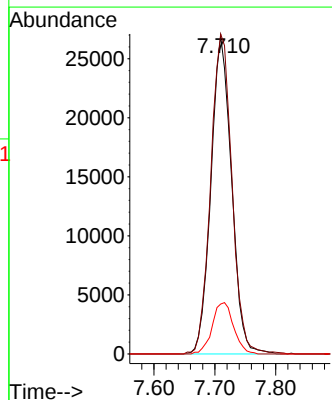
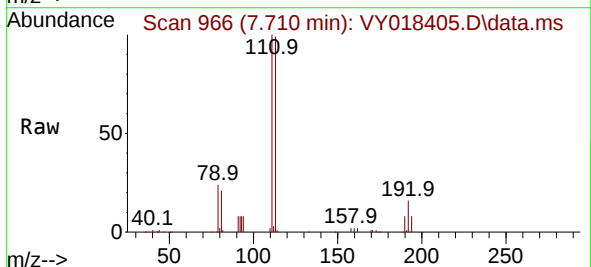
Tgt Ion:113 Resp: 63059

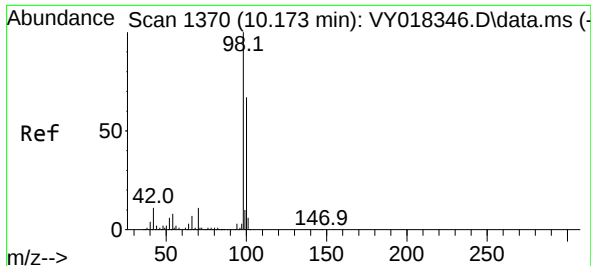
Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

192 16.8 15.9 23.9

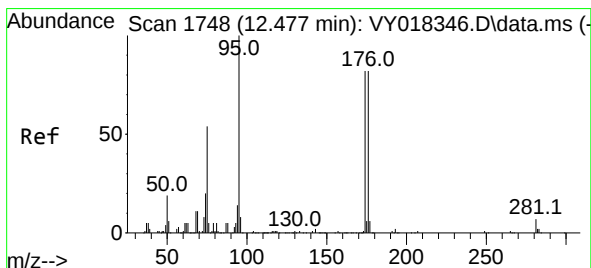
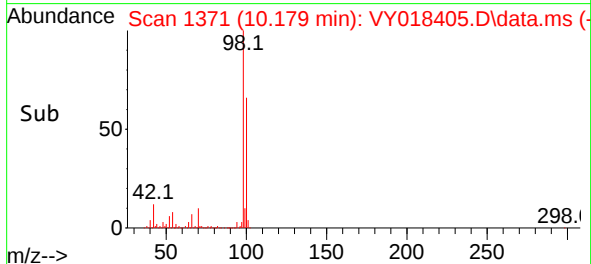
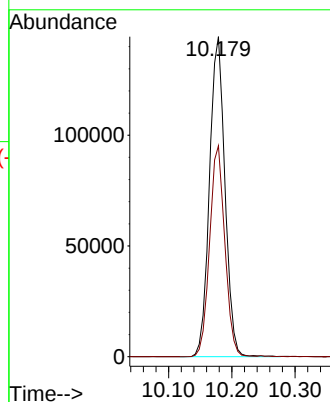
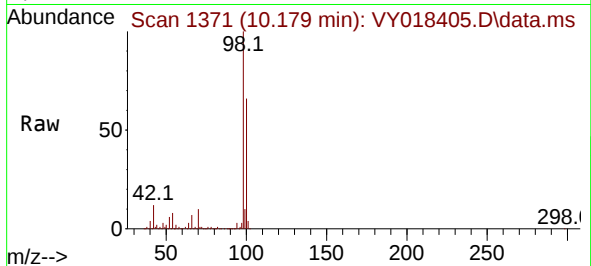




#50
Toluene-d8
Concen: 52.056 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VY018405.D
Acq: 30 May 2024 10:59

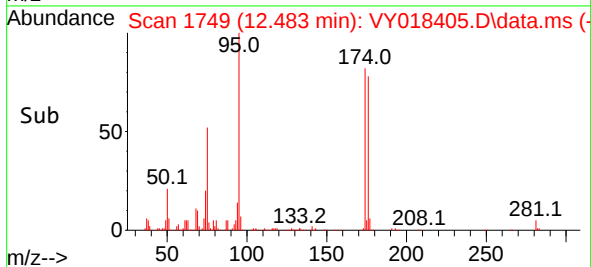
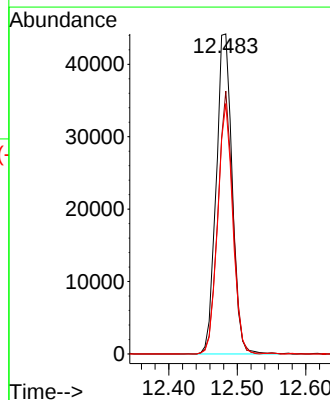
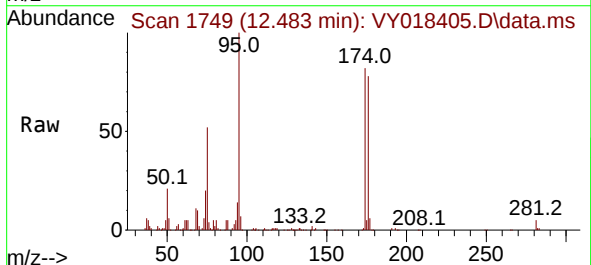
Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBL01

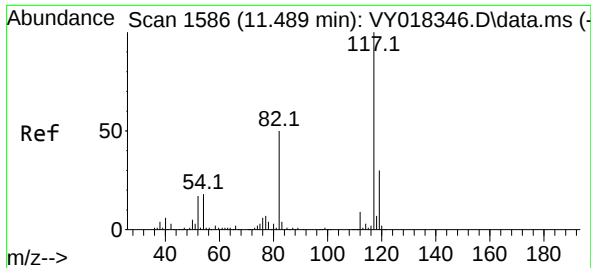
Tgt Ion: 98 Resp: 245034
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.956 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY018405.D
Acq: 30 May 2024 10:59

Tgt Ion: 95 Resp: 71204
Ion Ratio Lower Upper
95 100
174 77.7 0.0 175.6
176 73.8 0.0 171.4

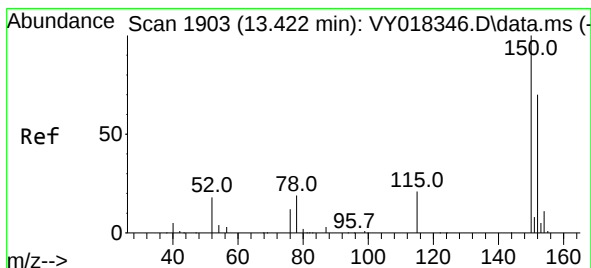
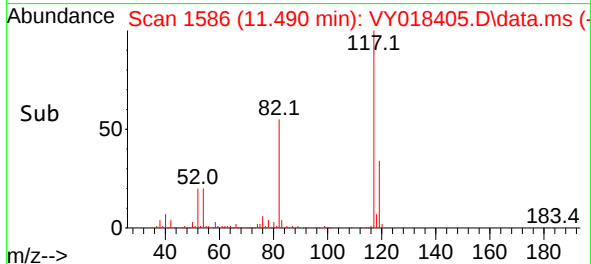
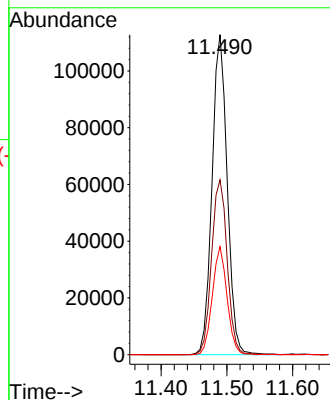
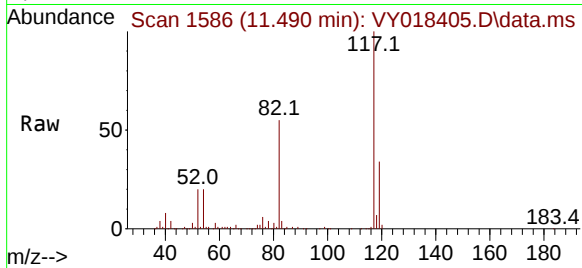




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018405.D
Acq: 30 May 2024 10:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0530SBL01

Tgt Ion:117 Resp: 181206
Ion Ratio Lower Upper
117 100
82 54.6 42.4 63.6
119 33.7 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: VY018405.D
Acq: 30 May 2024 10:59

Tgt Ion:152 Resp: 63286
Ion Ratio Lower Upper
152 100
115 61.1 28.2 84.7
150 159.0 0.0 345.6

