

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051324\
 Data File : VY018238.D
 Acq On : 13 May 2024 12:57
 Operator : SY/MD
 Sample : VY0513SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0513SBL01

Quant Time: May 14 02:56:46 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)

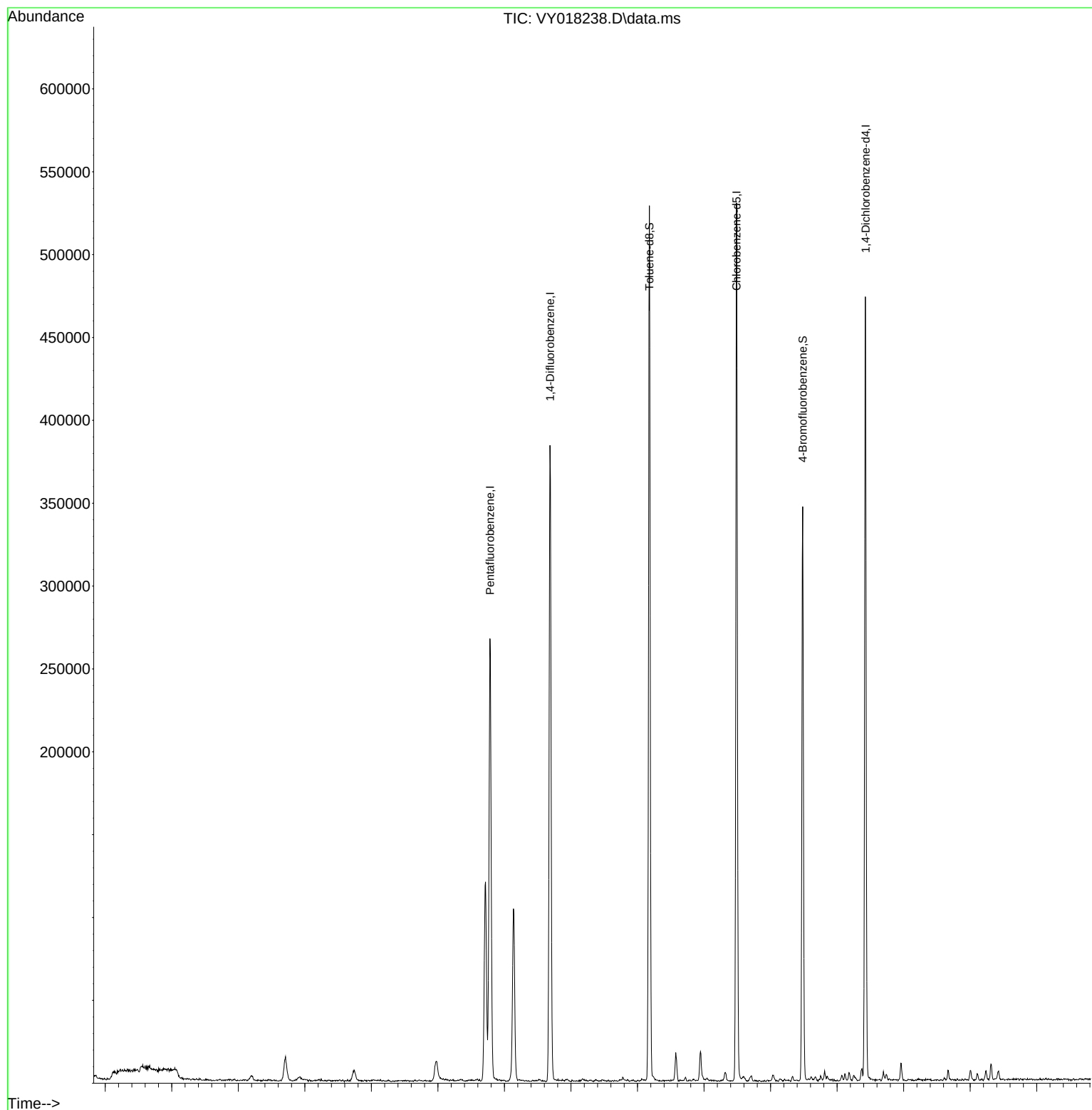
Internal Standards						
1) Pentafluorobenzene	7.783	168	212854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	356491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	295552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	74024	47.272	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.540%		
35) Dibromofluoromethane	7.710	113	86276	46.050	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.100%		
50) Toluene-d8	10.179	98	350003	47.407	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.820%		
62) 4-Bromofluorobenzene	12.483	95	104086	43.656	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	87.320%		
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	11181	5.062	ug/l	97

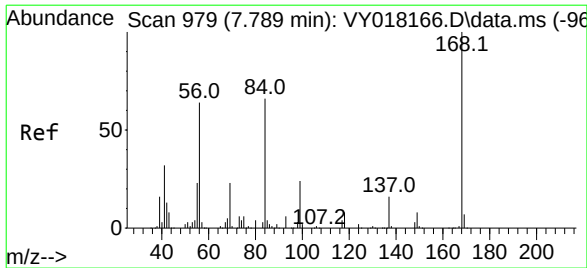
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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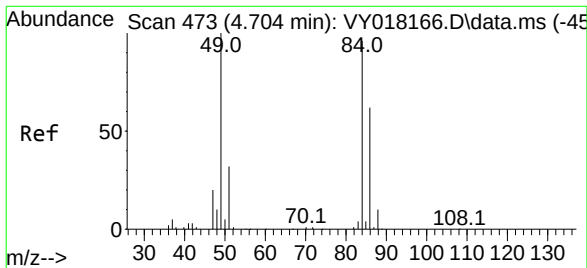
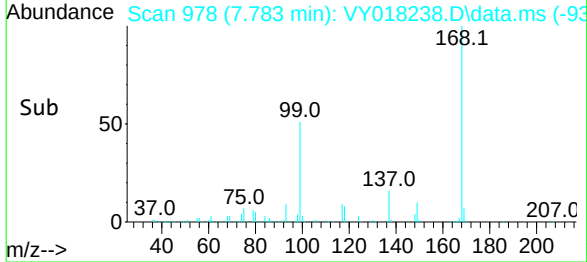
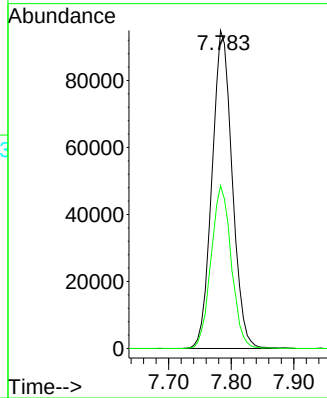
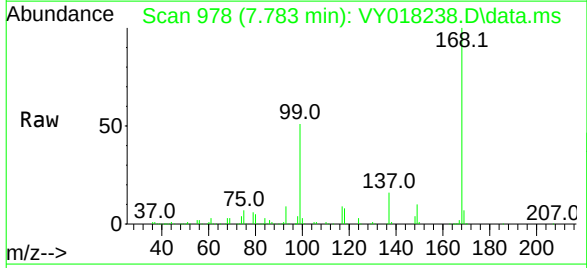




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
Lab File: VY018238.D
Acq: 13 May 2024 12:57

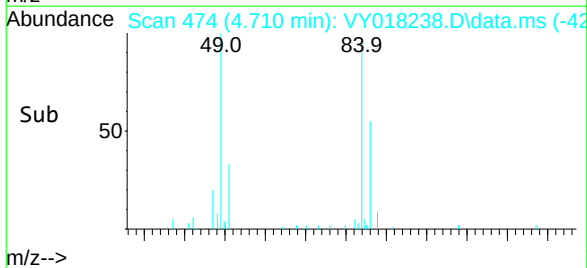
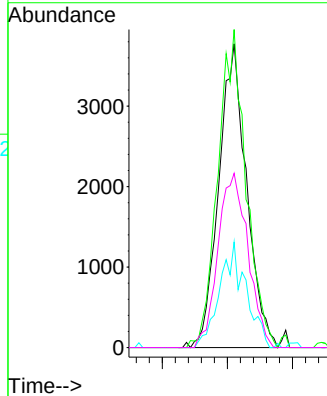
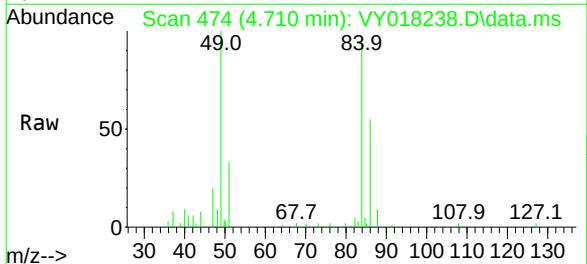
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBL01

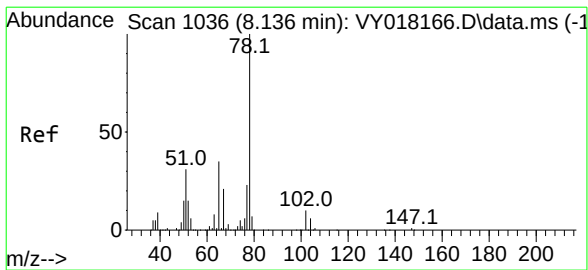
Tgt Ion:168 Resp: 212854
Ion Ratio Lower Upper
168 100
99 51.2 39.1 58.7



#20
Methylene Chloride
Concen: 5.062 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY018238.D
Acq: 13 May 2024 12:57

Tgt Ion: 84 Resp: 11181
Ion Ratio Lower Upper
84 100
49 104.7 84.4 126.6
51 34.8 26.0 39.0
86 57.4 49.5 74.3

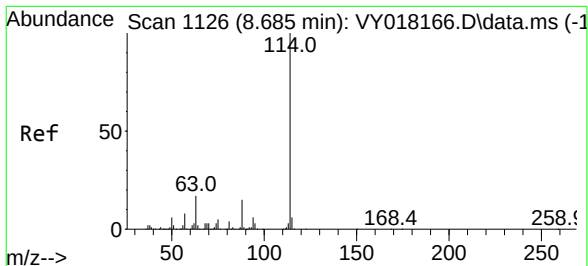
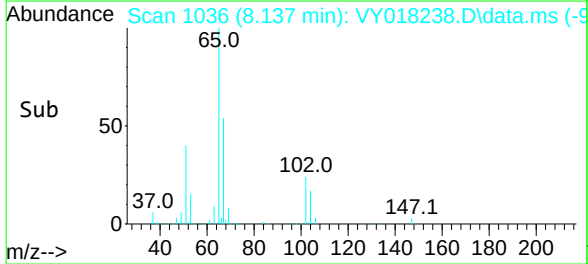
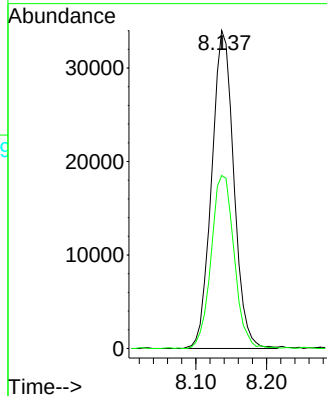
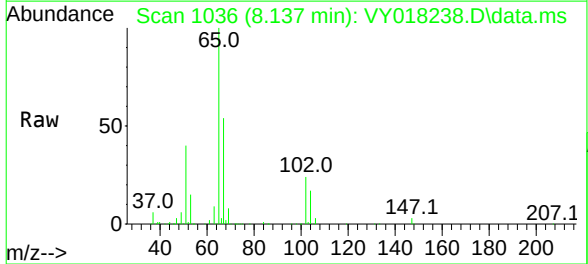




#33
1,2-Dichloroethane-d4
Concen: 47.272 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018238.D
Acq: 13 May 2024 12:57

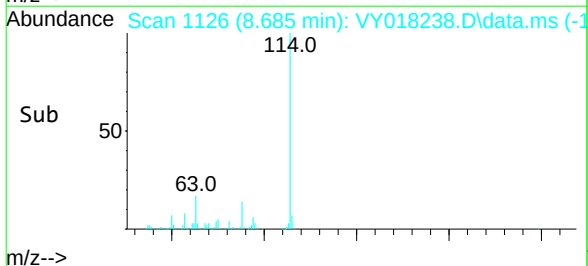
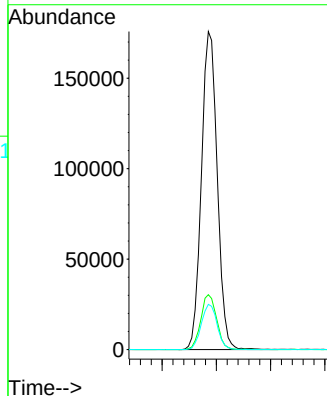
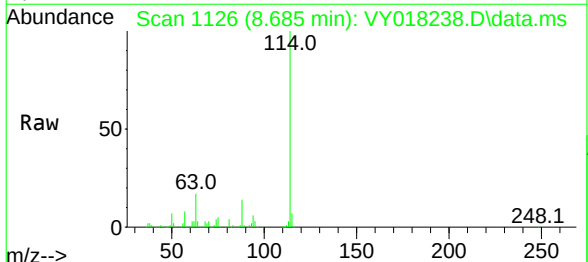
Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBL01

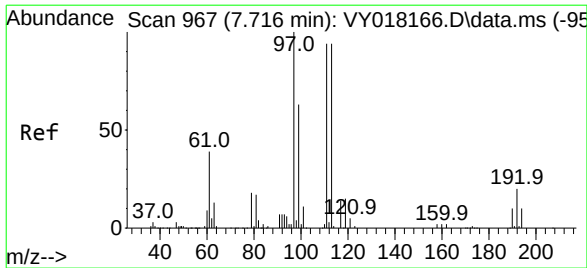
Tgt Ion: 65 Resp: 74024
Ion Ratio Lower Upper
65 100
67 56.5 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018238.D
Acq: 13 May 2024 12:57

Tgt Ion: 114 Resp: 356491
Ion Ratio Lower Upper
114 100
63 17.3 0.0 35.0
88 14.2 0.0 27.2





#35

Dibromofluoromethane

Concen: 46.050 ug/l

RT: 7.710 min Scan# 96

Delta R.T. -0.006 min

Lab File: VY018238.D

Acq: 13 May 2024 12:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBL01

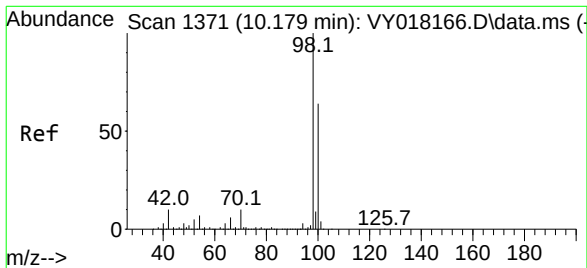
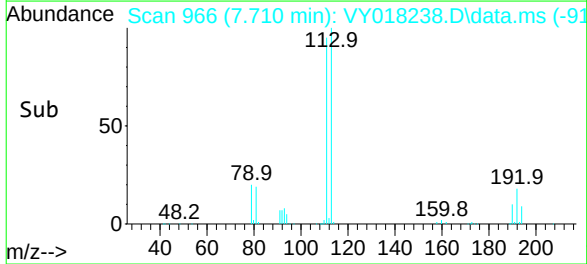
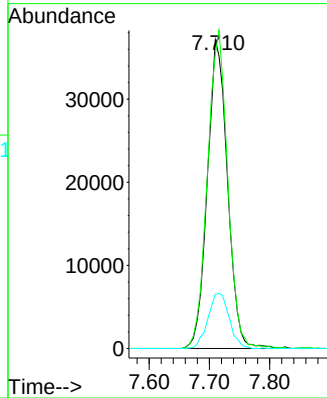
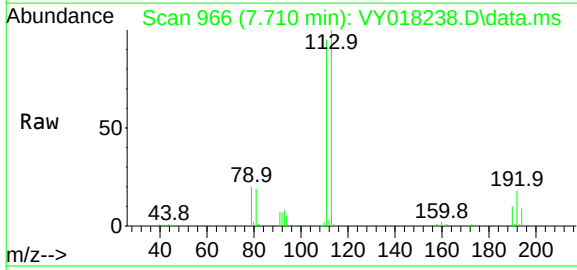
Tgt Ion:113 Resp: 86276

Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

192 18.8 15.9 23.9



#50

Toluene-d8

Concen: 47.407 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY018238.D

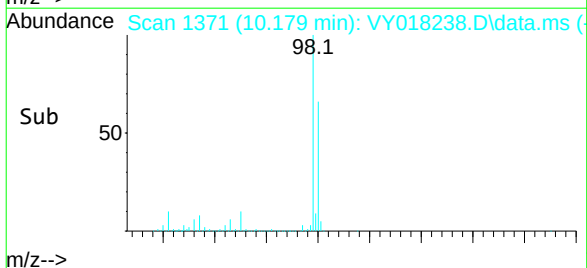
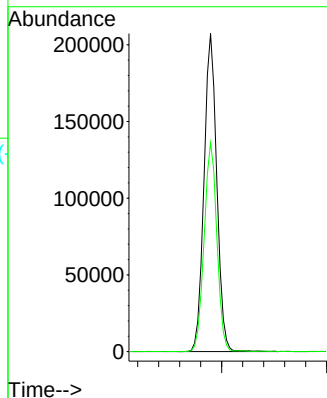
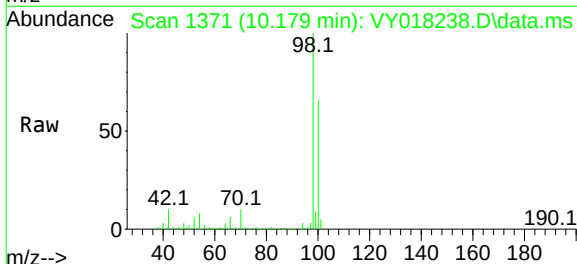
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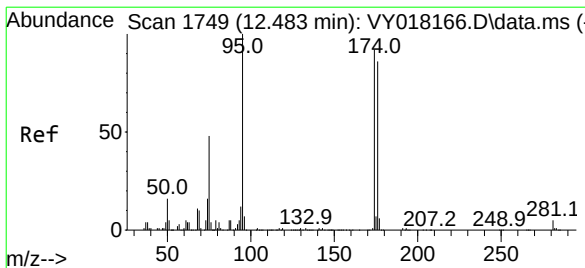
Tgt Ion: 98 Resp: 350003

Ion Ratio Lower Upper

98 100

100 65.7 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 43.656 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018238.D

Acq: 13 May 2024 12:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0513SBL01

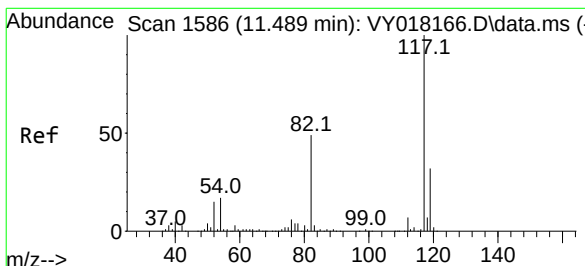
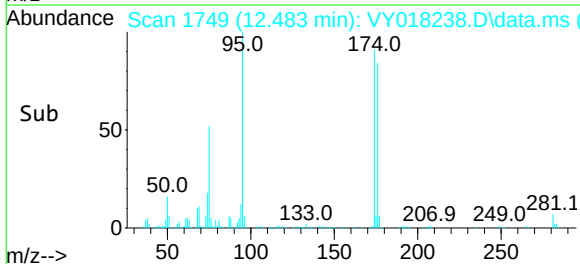
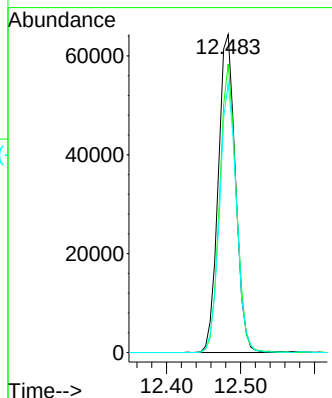
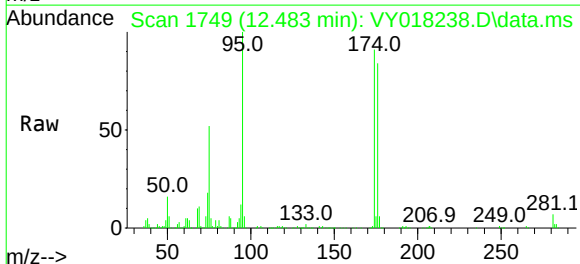
Tgt Ion: 95 Resp: 104086

Ion Ratio Lower Upper

95 100

174 87.1 0.0 175.6

176 82.7 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: VY018238.D

Acq: 13 May 2024 12:57

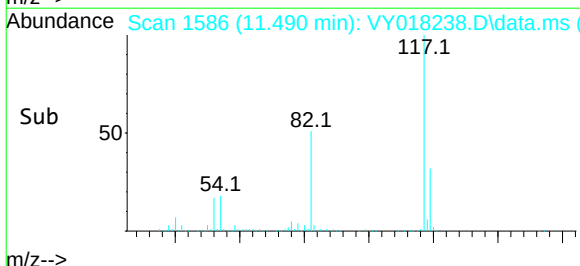
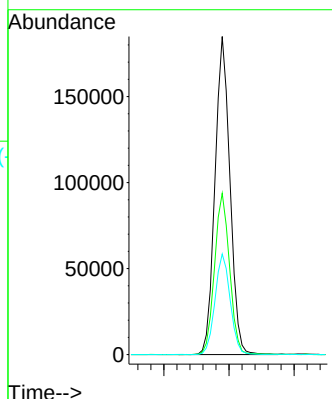
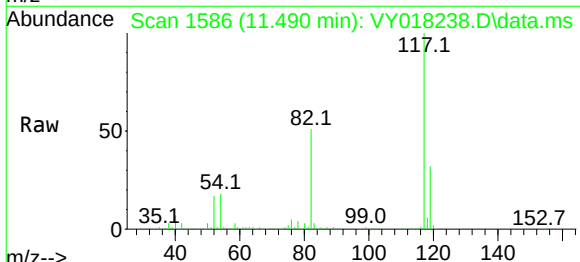
Tgt Ion: 117 Resp: 295552

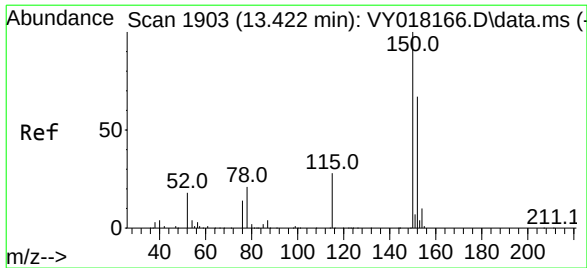
Ion Ratio Lower Upper

117 100

82 50.7 42.4 63.6

119 31.6 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 19
 Delta R.T. 0.006 min
 Lab File: VY018238.D
 Acq: 13 May 2024 12:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0513SBL01

Tgt Ion:152 Resp: 127612
 Ion Ratio Lower Upper
 152 100
 115 56.3 28.2 84.7
 150 156.2 0.0 345.6

