

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102324\
 Data File : VY019986.D
 Acq On : 23 Oct 2024 11:35
 Operator : SY/MD
 Sample : VY1023SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1023SBL01

Quant Time: Oct 23 23:04:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	239192	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	486232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	427644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	145538	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	158528	53.827	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.660%
35) Dibromofluoromethane	7.634	113	160195	49.927	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.860%
50) Toluene-d8	10.103	98	595787	50.282	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.560%
62) 4-Bromofluorobenzene	12.408	95	179787	41.993	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	83.980%

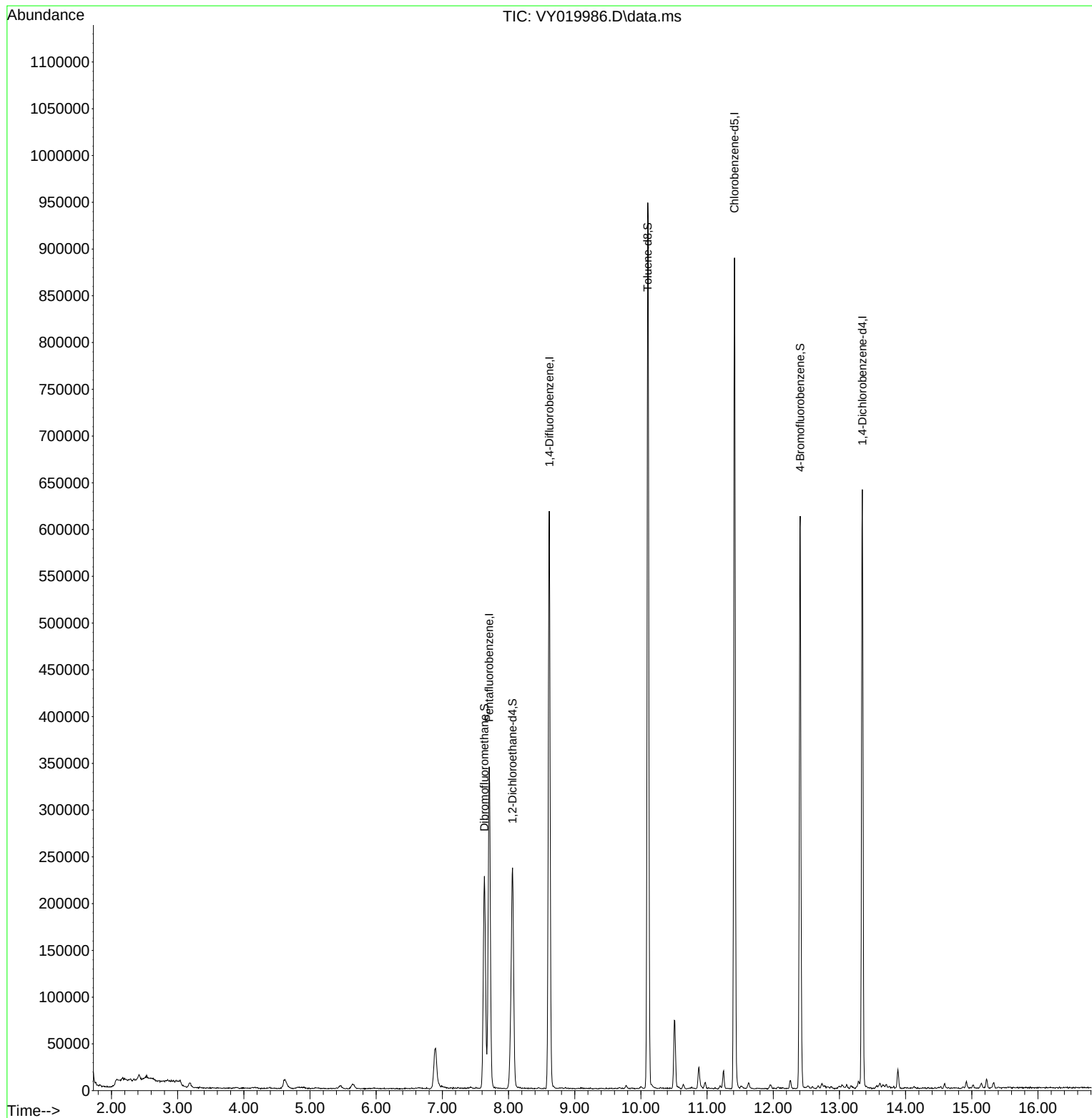
Target Compounds	Qvalue

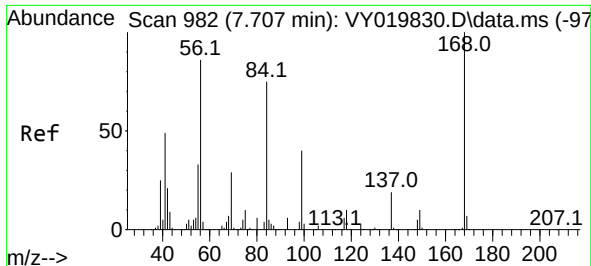
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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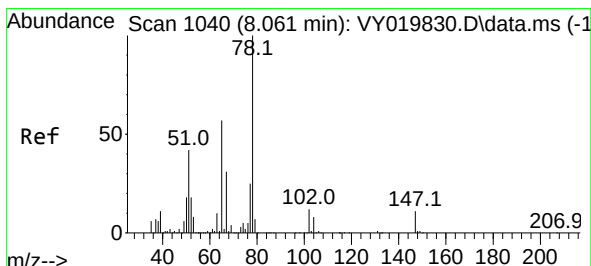
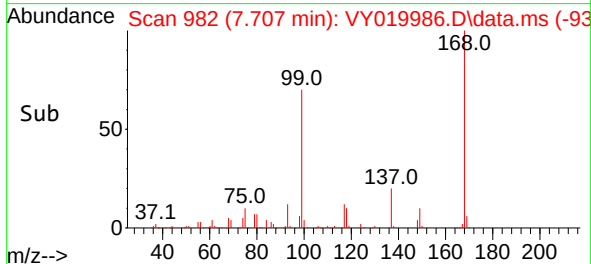
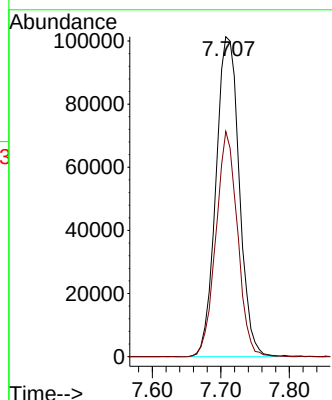
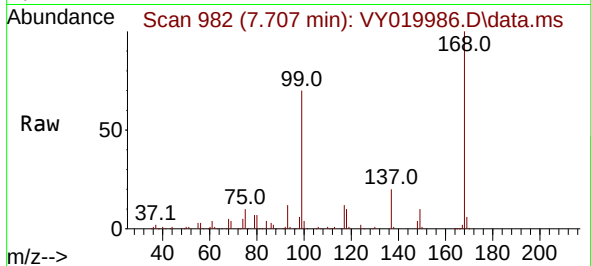




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019986.D
Acq: 23 Oct 2024 11:35

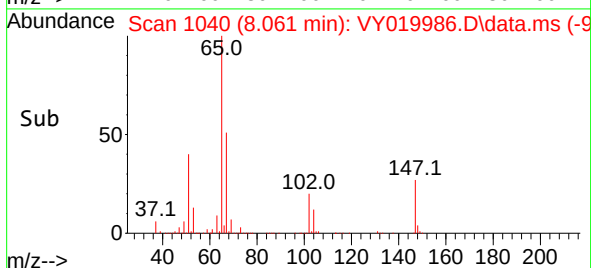
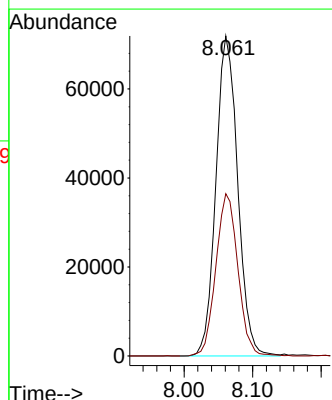
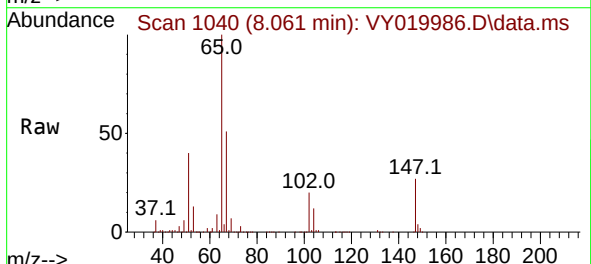
Instrument :
MSVOA_Y
ClientSampleId :
VY1023SBL01

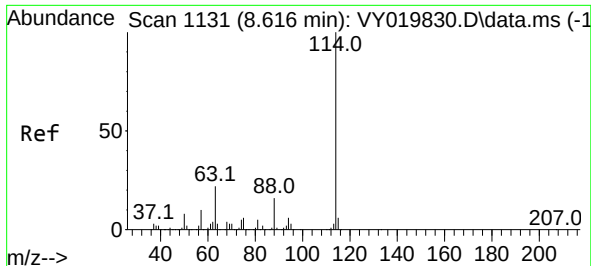
Tgt Ion:168 Resp: 239192
Ion Ratio Lower Upper
168 100
99 70.4 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 53.827 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019986.D
Acq: 23 Oct 2024 11:35

Tgt Ion: 65 Resp: 158528
Ion Ratio Lower Upper
65 100
67 51.3 0.0 109.6

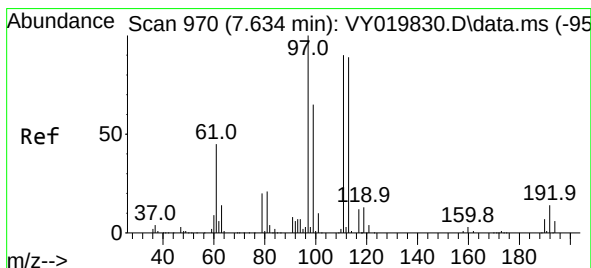
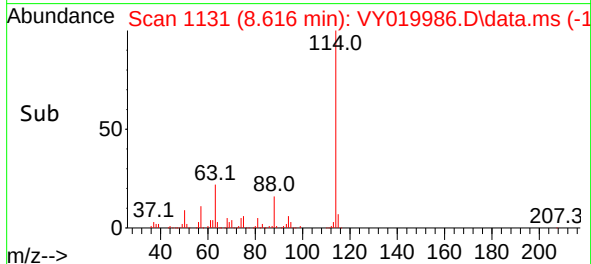
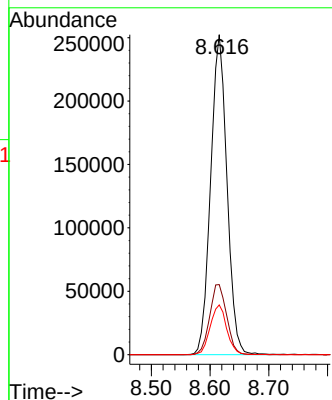
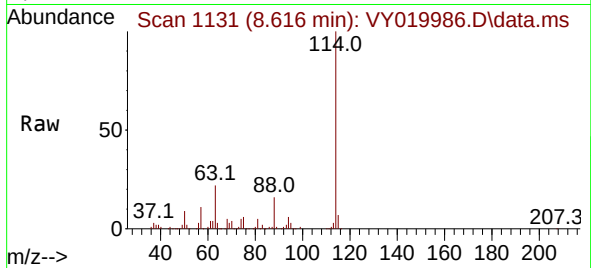




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019986.D
Acq: 23 Oct 2024 11:35

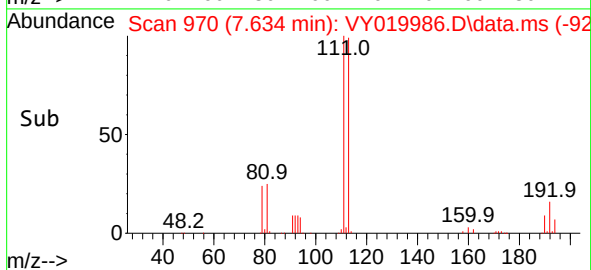
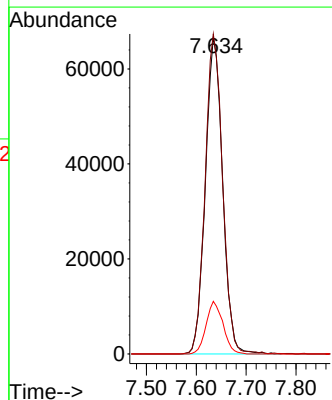
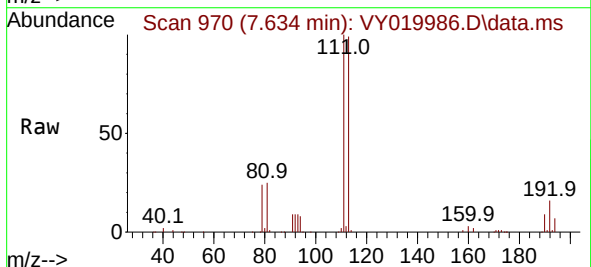
Instrument :
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ClientSampleId :
VY1023SBL01

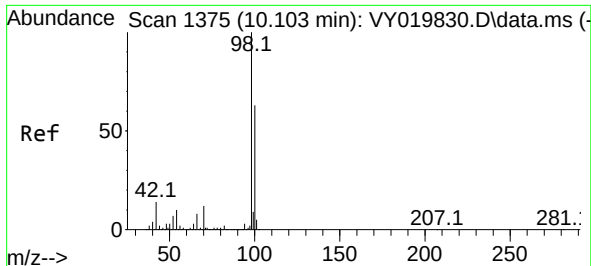
Tgt Ion:114 Resp: 486232
Ion Ratio Lower Upper
114 100
63 21.9 0.0 35.0
88 15.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.927 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019986.D
Acq: 23 Oct 2024 11:35

Tgt Ion:113 Resp: 160195
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 16.3 15.9 23.9

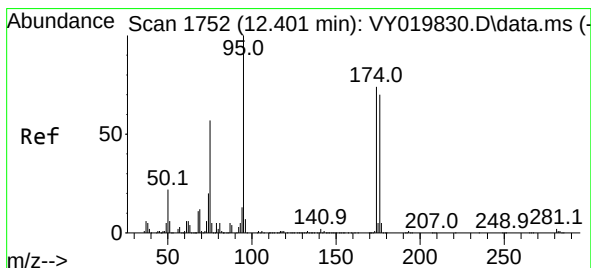
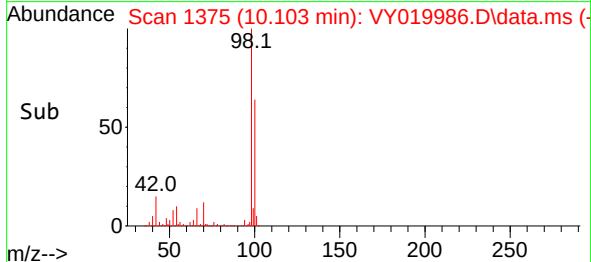
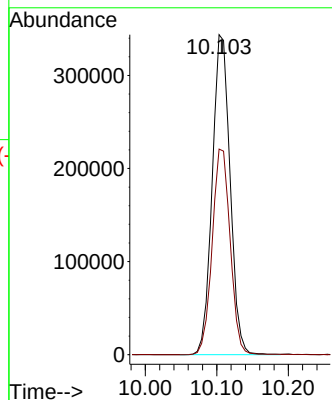
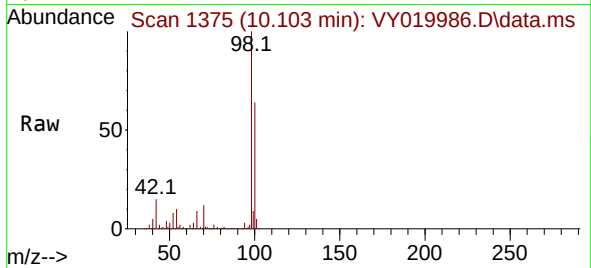




#50
Toluene-d8
Concen: 50.282 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019986.D
Acq: 23 Oct 2024 11:35

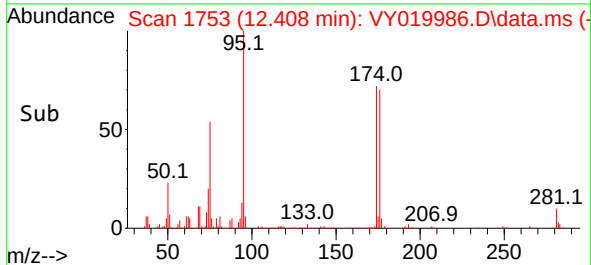
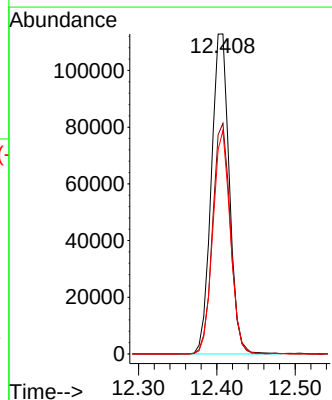
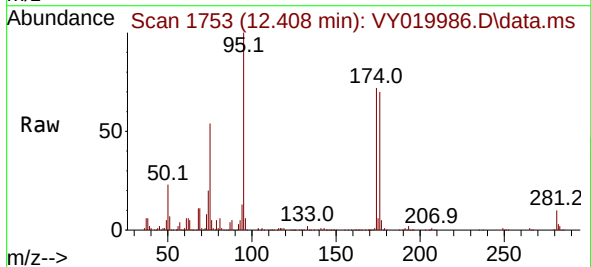
Instrument :
MSVOA_Y
ClientSampleId :
VY1023SBL01

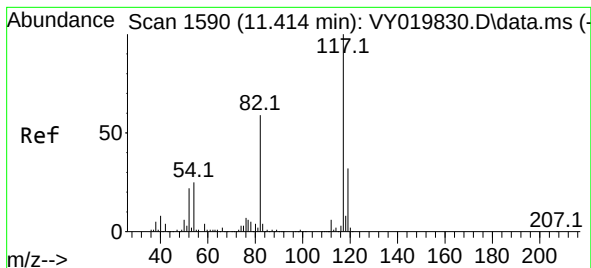
Tgt Ion: 98 Resp: 595787
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.993 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019986.D
Acq: 23 Oct 2024 11:35

Tgt Ion: 95 Resp: 179787
Ion Ratio Lower Upper
95 100
174 71.5 0.0 175.6
176 67.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019986.D

Acq: 23 Oct 2024 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY1023SBL01

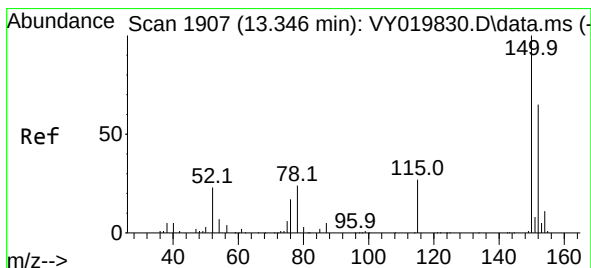
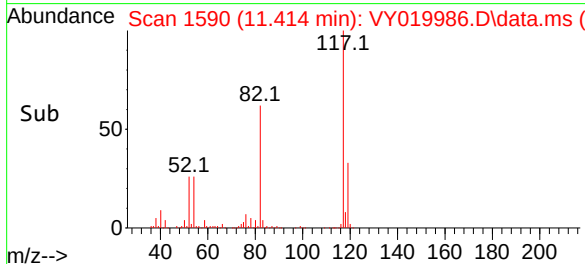
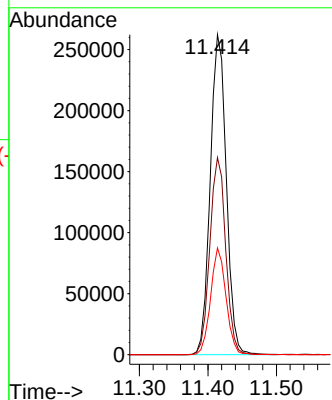
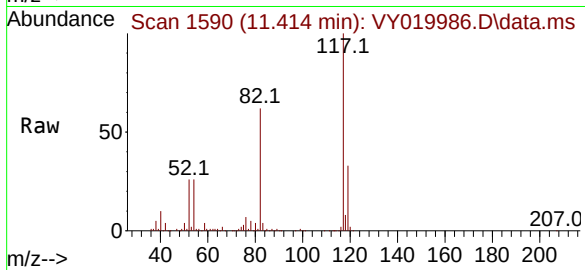
Tgt Ion:117 Resp: 427644

Ion Ratio Lower Upper

117 100

82 61.6 42.4 63.6

119 33.3 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019986.D

Acq: 23 Oct 2024 11:35

Tgt Ion:152 Resp: 145538

Ion Ratio Lower Upper

152 100

115 63.6 28.2 84.7

150 155.6 0.0 345.6

