

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102824\
 Data File : VY020030.D
 Acq On : 28 Oct 2024 09:58
 Operator : SY/MD
 Sample : VY1028SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1028SBL01

Quant Time: Oct 29 01:53:01 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	7.719	168	207569	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.621	114	438255	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	384846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	125121	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	145762	57.032	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.060%
35) Dibromofluoromethane	7.640	113	143476	49.611	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.220%
50) Toluene-d8	10.115	98	534715	50.068	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.140%
62) 4-Bromofluorobenzene	12.407	95	152249	39.454	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	78.900%

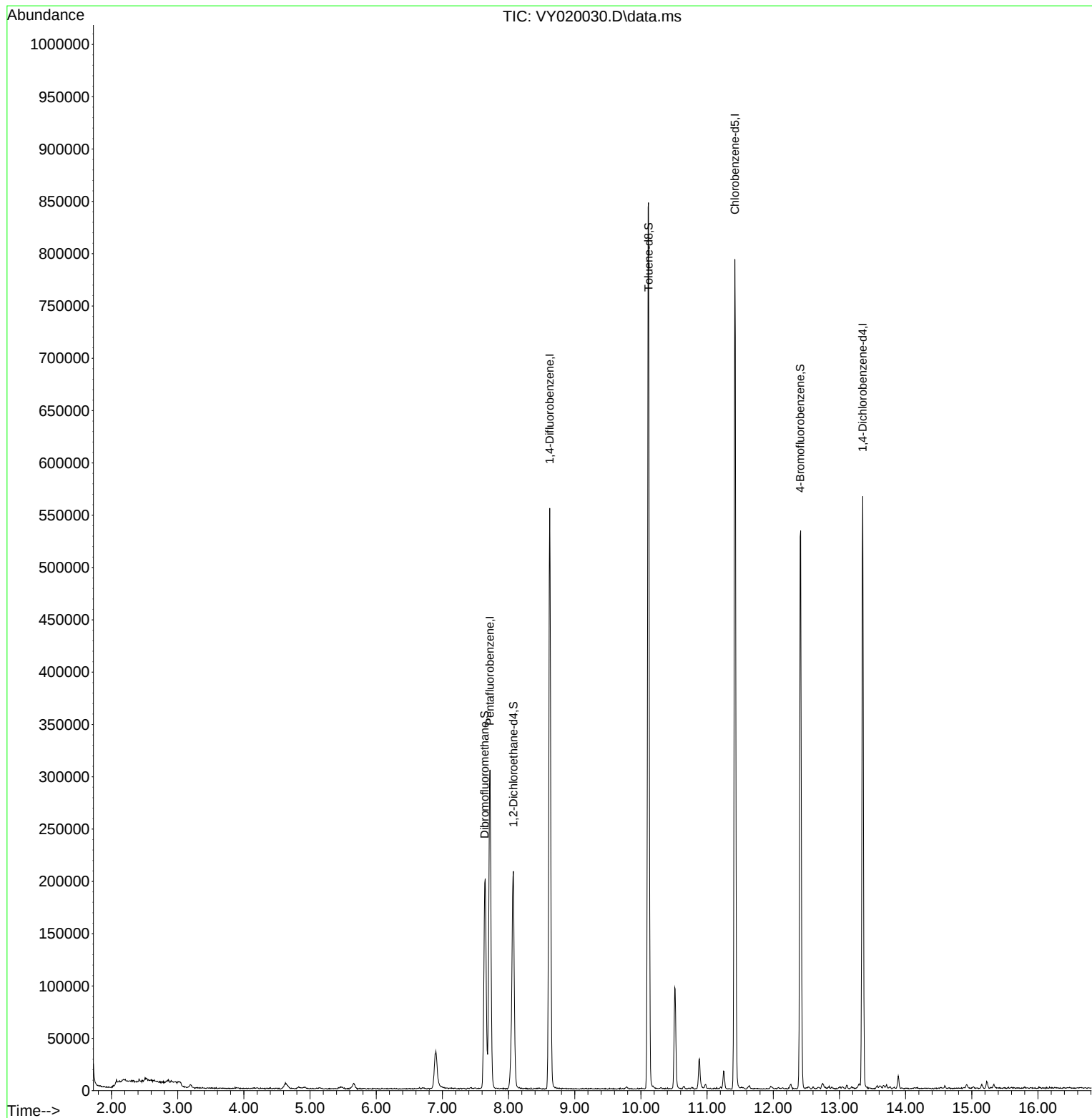
Target Compounds	Qvalue

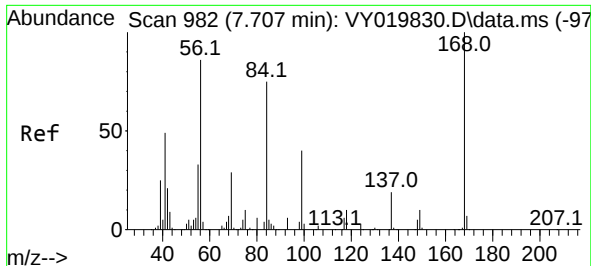
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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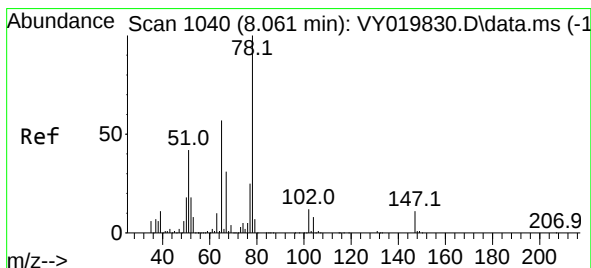
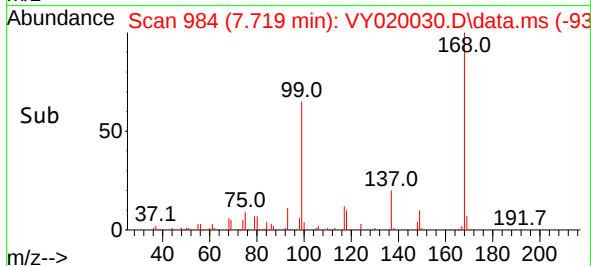
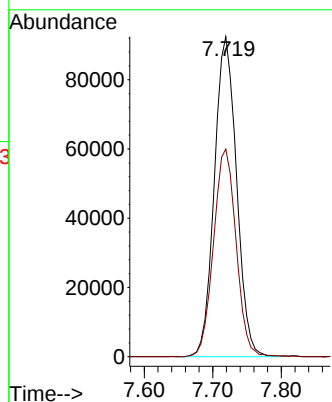
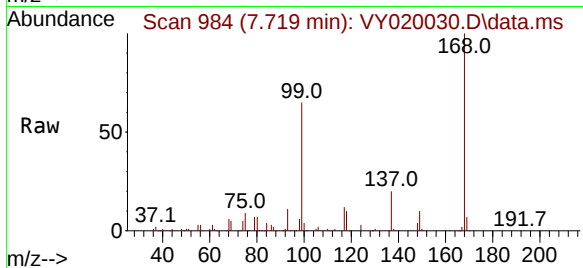




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY020030.D
Acq: 28 Oct 2024 09:58

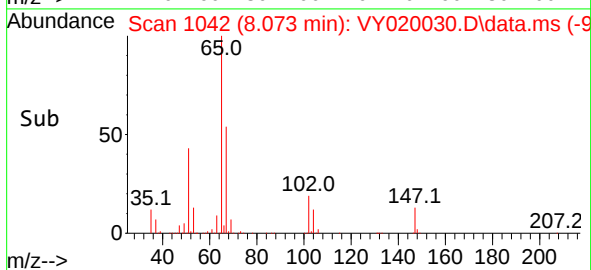
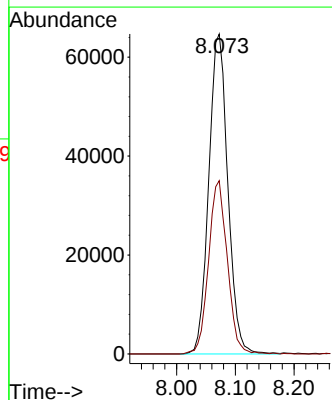
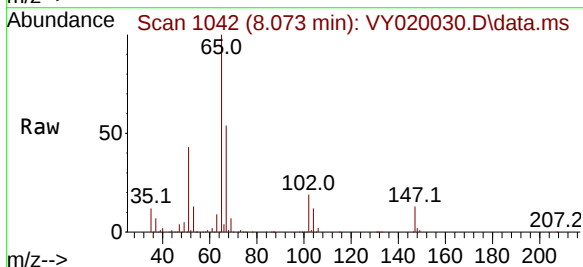
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBL01

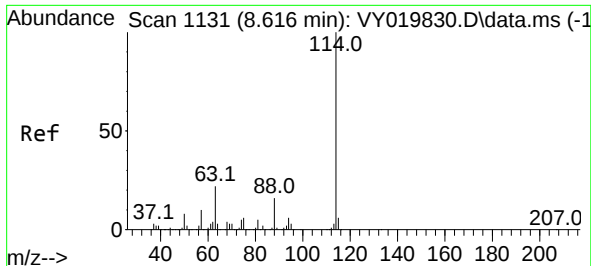
Tgt Ion:168 Resp: 207569
Ion Ratio Lower Upper
168 100
99 64.9 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 57.032 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.012 min
Lab File: VY020030.D
Acq: 28 Oct 2024 09:58

Tgt Ion: 65 Resp: 145762
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.6

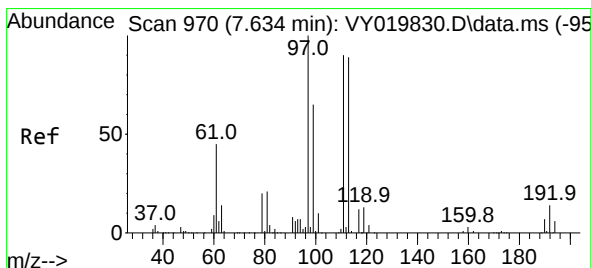
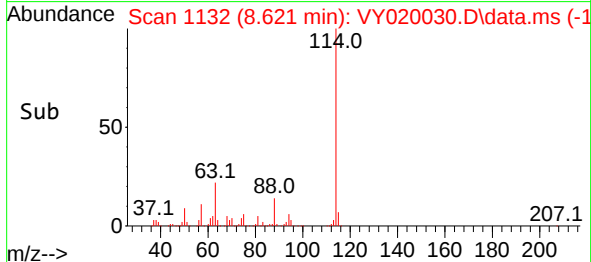
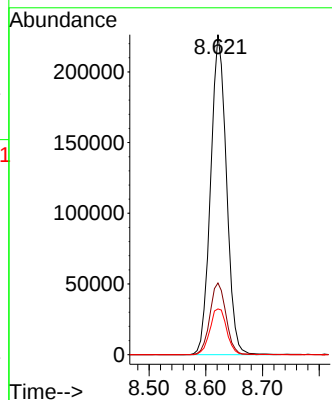
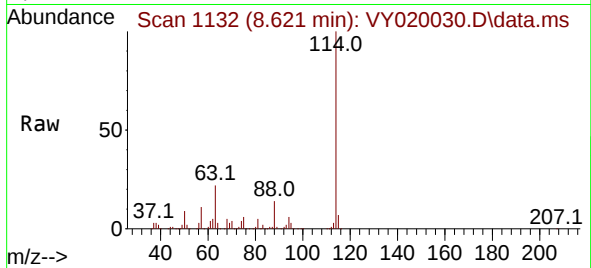




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.621 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VY020030.D
Acq: 28 Oct 2024 09:58

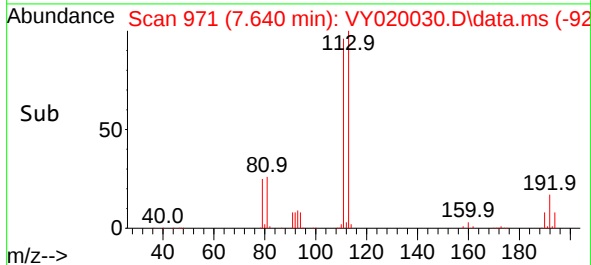
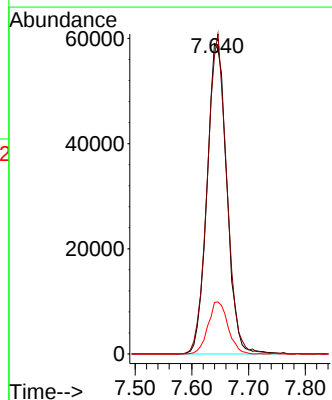
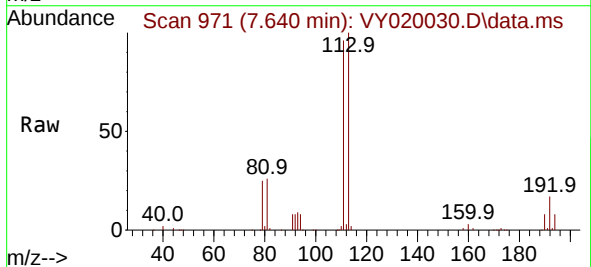
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBL01

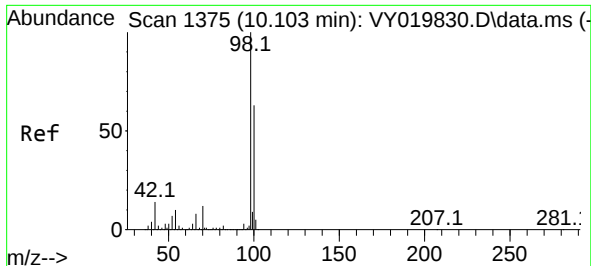
Tgt Ion:114 Resp: 438255
Ion Ratio Lower Upper
114 100
63 22.4 0.0 35.0
88 14.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.611 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020030.D
Acq: 28 Oct 2024 09:58

Tgt Ion:113 Resp: 143476
Ion Ratio Lower Upper
113 100
111 101.1 82.2 123.4
192 16.8 15.9 23.9

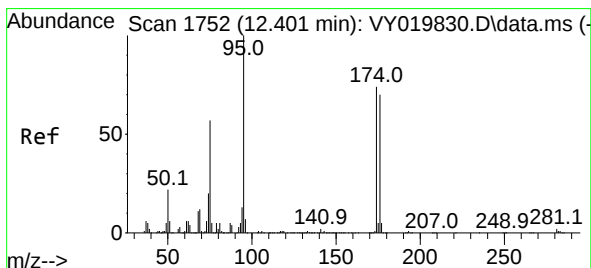
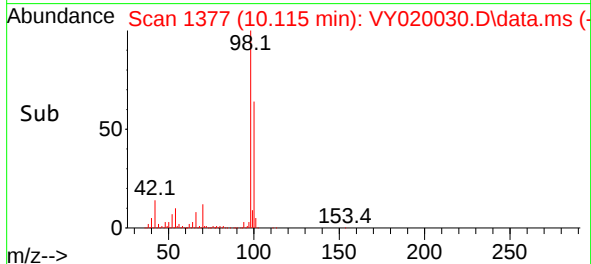
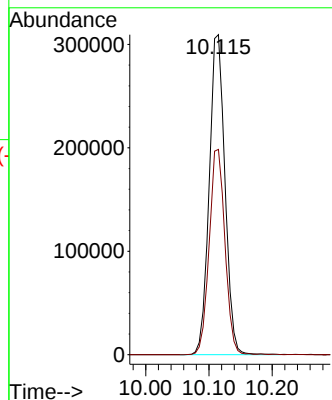
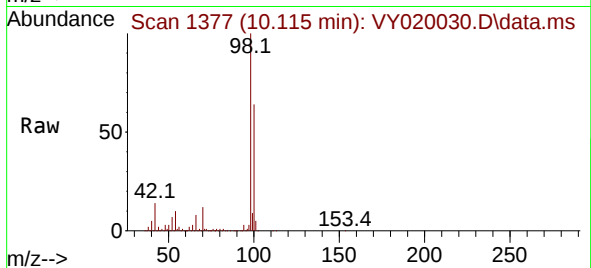




#50
Toluene-d8
Concen: 50.068 ug/l
RT: 10.115 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020030.D
Acq: 28 Oct 2024 09:58

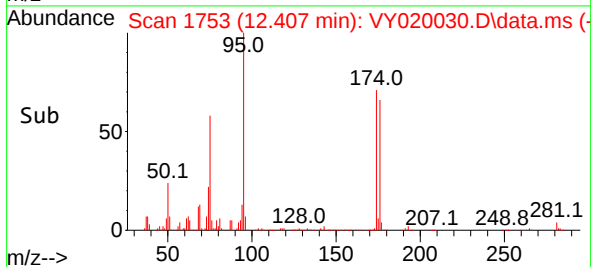
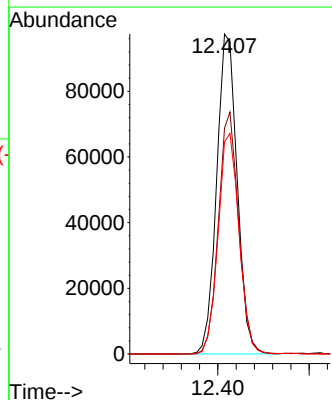
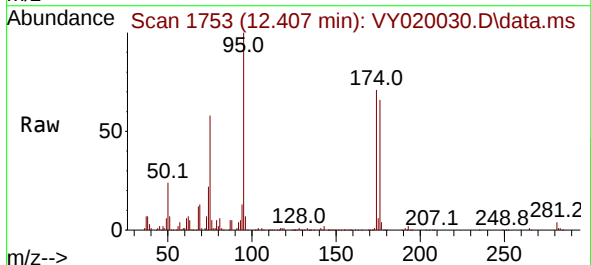
Instrument :
MSVOA_Y
ClientSampleId :
VY1028SBL01

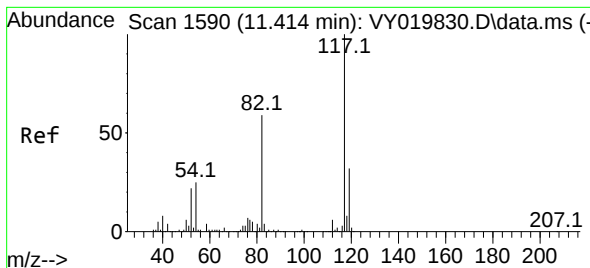
Tgt Ion: 98 Resp: 534715
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.454 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY020030.D
Acq: 28 Oct 2024 09:58

Tgt Ion: 95 Resp: 152249
Ion Ratio Lower Upper
95 100
174 74.3 0.0 175.6
176 70.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020030.D

Acq: 28 Oct 2024 09:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1028SBL01

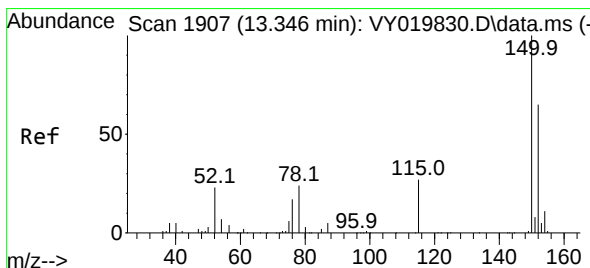
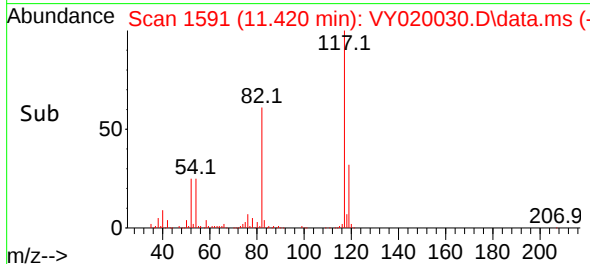
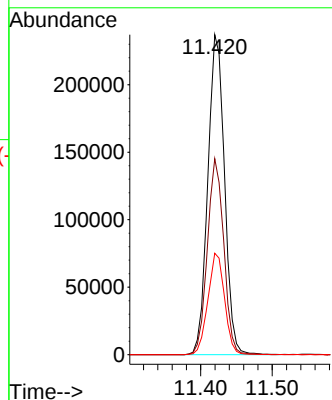
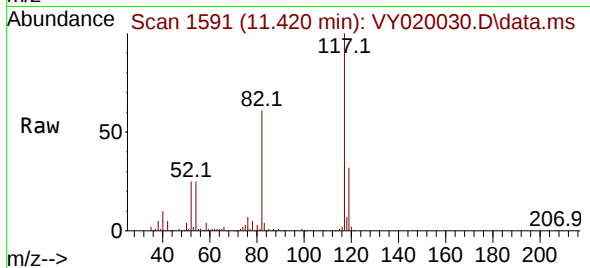
Tgt Ion:117 Resp: 384846

Ion Ratio Lower Upper

117 100

82 61.3 42.4 63.6

119 31.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020030.D

Acq: 28 Oct 2024 09:58

Tgt Ion:152 Resp: 125121

Ion Ratio Lower Upper

152 100

115 62.6 28.2 84.7

150 156.2 0.0 345.6

