

Data File : VL034851.D
Acq On : 9 Mar 2020 23:06
Operator : SY/AP
Sample : CAN 10281
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10281

Quant Time: Mar 10 09:36:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 09 16:42:53 2020
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	917875	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2058675	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	1991621	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1580727	10.18	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.80%

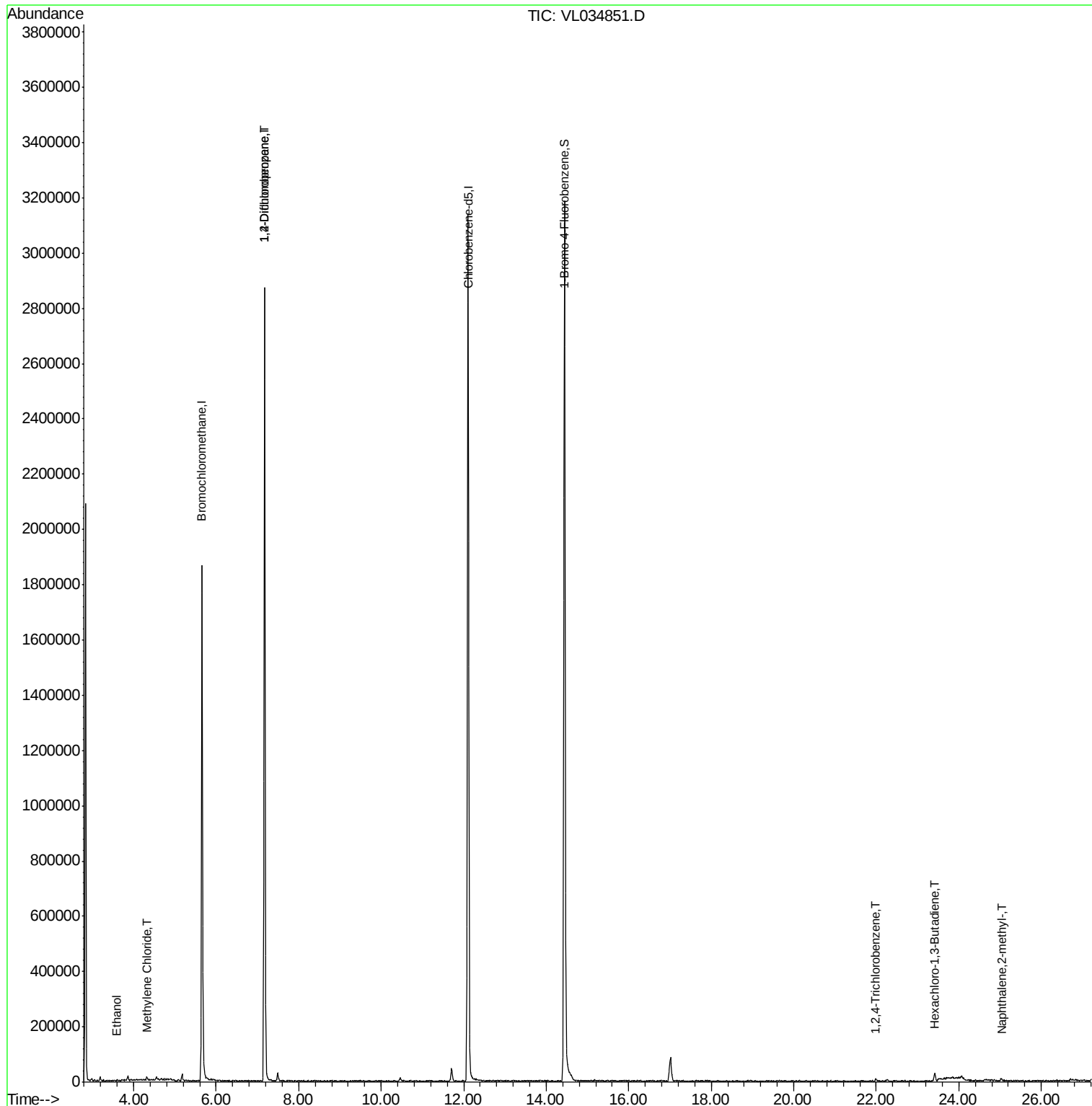
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Ethanol	3.57	45	237	0.016	ppbv #	35
20) Methylene Chloride	4.31	84	1642	0.044	ppbv #	83
39) 1,2-Dichloropropane	7.17	63	534263	7.349	ppbv #	22
78) Hexachloro-1,3-Butadiene	23.41	225	1318	0.011	ppbv #	18
80) Naphthalene,2-methyl-	25.04	142	6185	0.121	ppbv	91
81) 1,2,4-Trichlorobenzene	21.99	180	1305	0.010	ppbv #	19

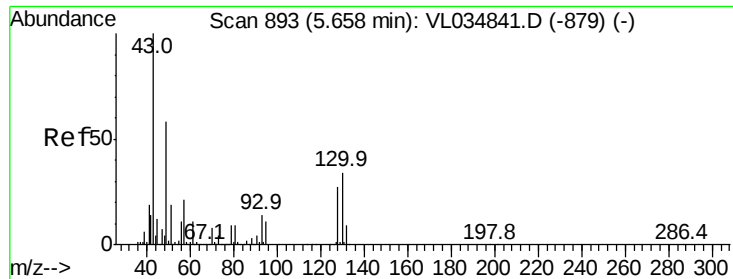
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.00 min

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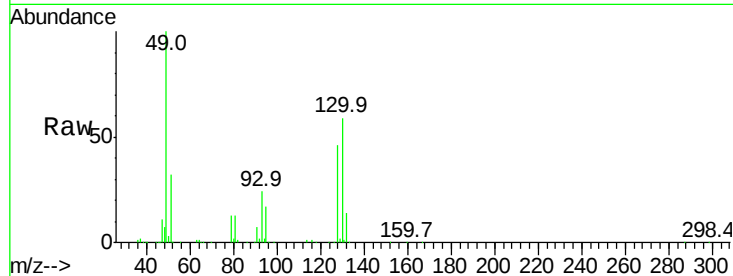
Tgt Ion: 49 Resp: 917875

Ion Ratio Lower Upper

49 100

128 46.6 23.4 70.3

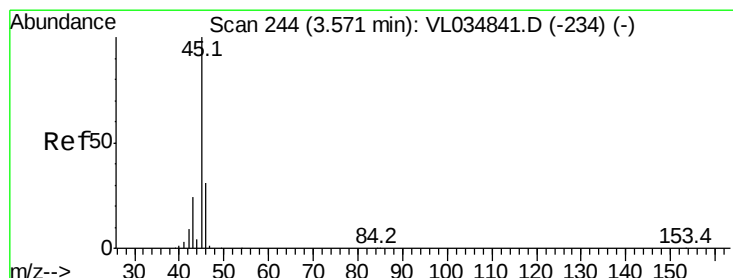
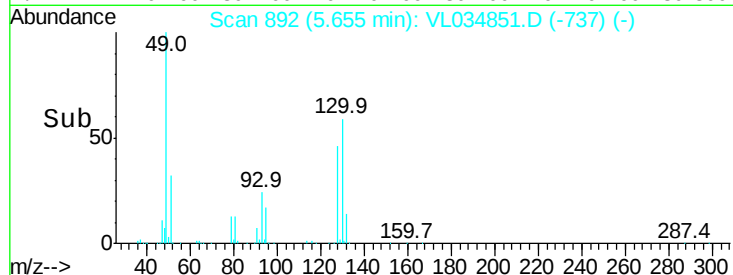
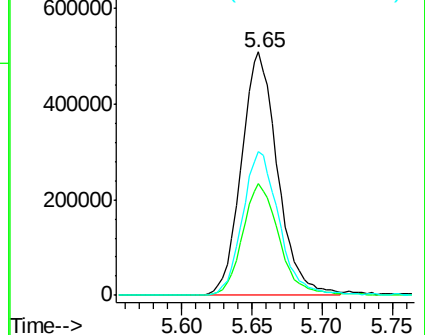
130 60.4 30.0 90.0



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#13

Ethanol

Concen: 0.016 ppbv

RT: 3.57 min Scan# 243

Delta R.T. -0.00 min

Lab File: VL034851.D

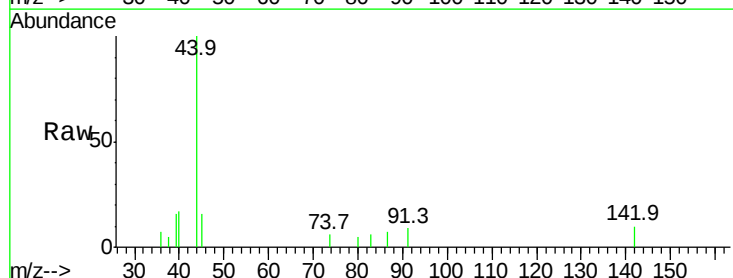
Acq: 9 Mar 2020 23:06

Tgt Ion: 45 Resp: 237

Ion Ratio Lower Upper

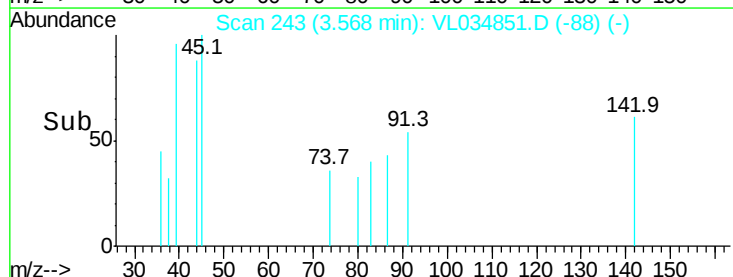
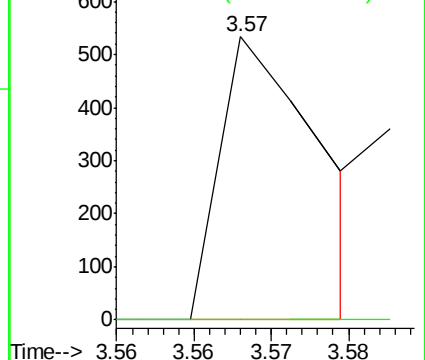
45 100

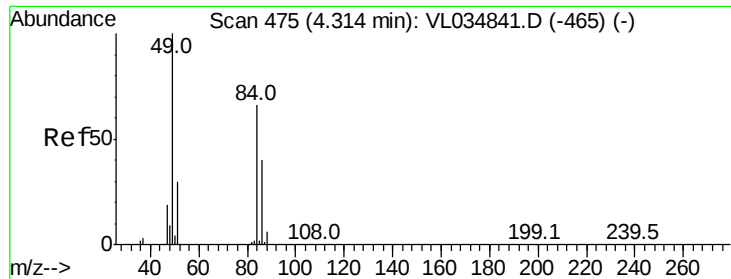
46 0.0 16.0 64.0#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0

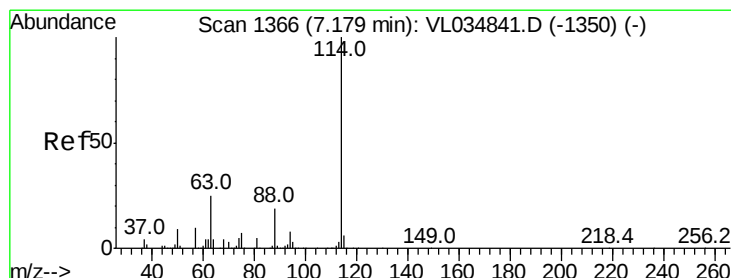
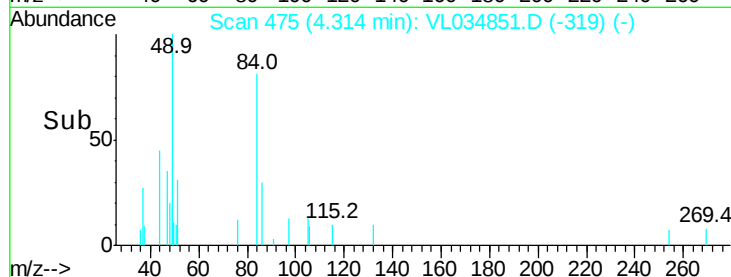
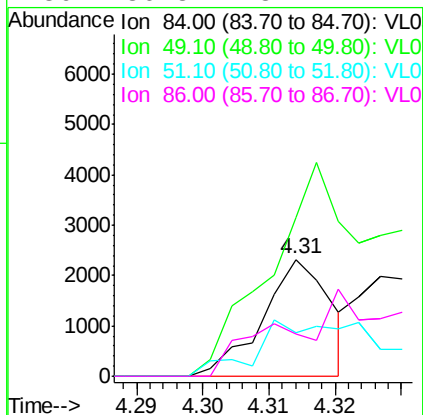
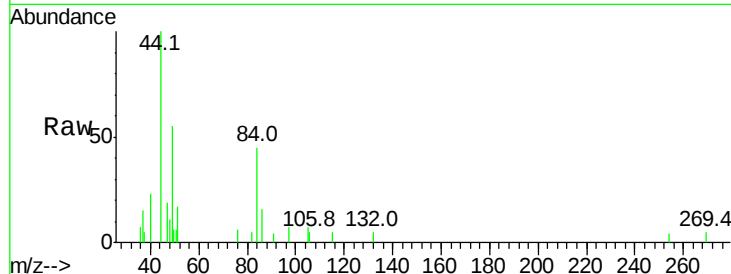




#20
Methylene Chloride
Concen: 0.044 ppbv
RT: 4.31 min Scan# 475
Delta R.T. 0.00 min
Lab File: VL034851.D
Acq: 9 Mar 2020 23:06

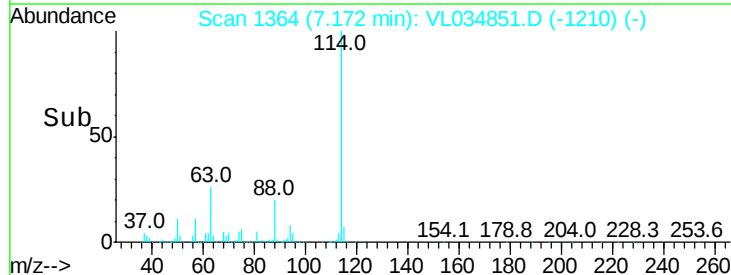
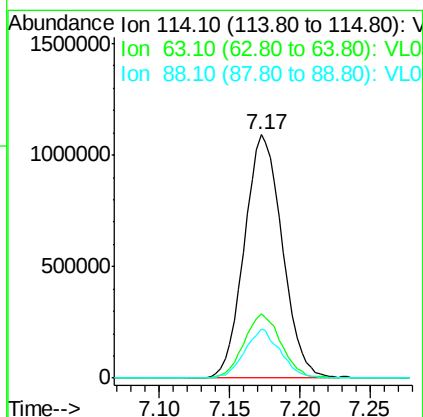
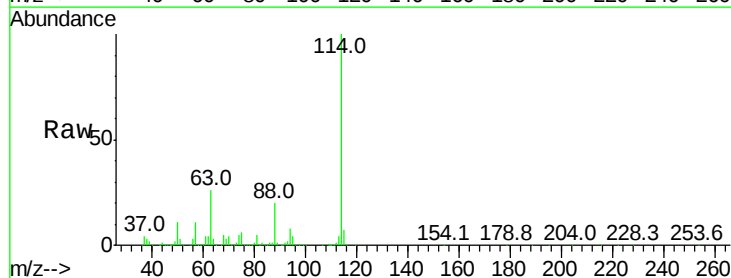
Instrument :
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ClientSampleId :
CAN 10281

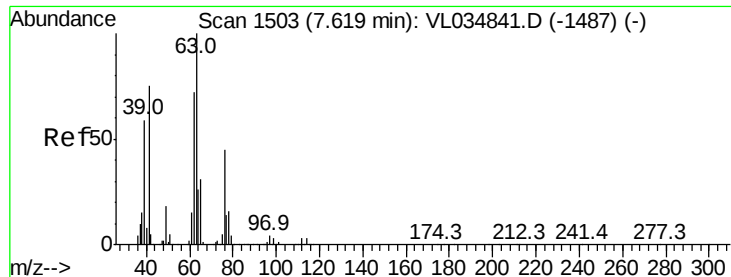
Tgt Ion: 84 Resp: 1642
Ion Ratio Lower Upper
84 100
49 136.5 121.5 182.3
51 37.6 36.6 55.0
86 36.3 48.2 72.2#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VL034851.D
Acq: 9 Mar 2020 23:06

Tgt Ion: 114 Resp: 2058675
Ion Ratio Lower Upper
114 100
63 26.1 20.6 31.0
88 18.8 15.0 22.6





#39

1,2-Dichloropropane

Concen: 7.349 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. -0.45 min

Lab File: VL034851.D

Acq: 9 Mar 2020 23:06

Instrument :

MSVOA_L

ClientSampleId :

CAN 10281

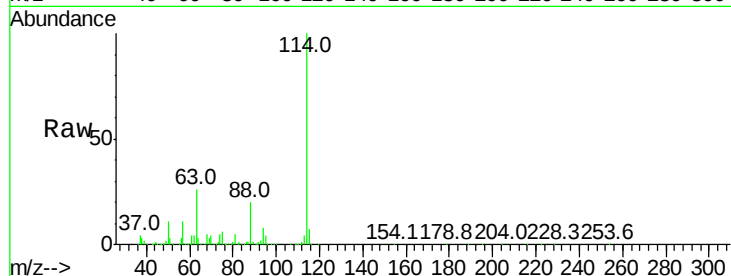
Tgt Ion: 63 Resp: 534263

Ion Ratio Lower Upper

63 100

41 0.0 59.8 89.8#

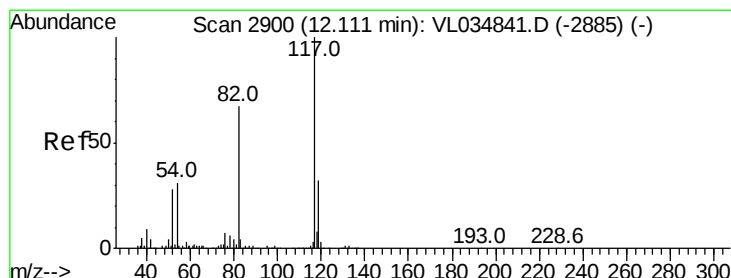
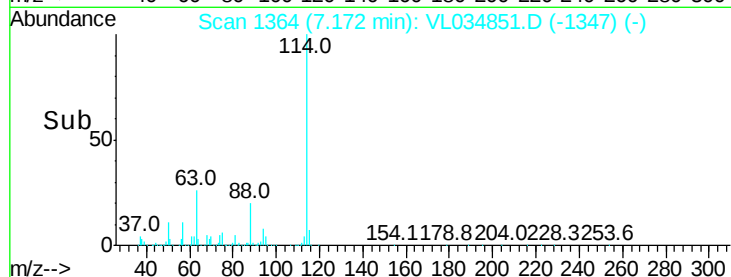
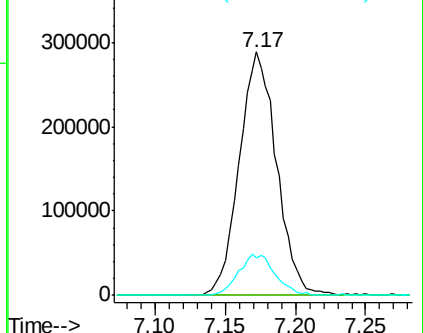
62 15.2 57.6 86.4#



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.11 min Scan# 2899

Delta R.T. -0.00 min

Lab File: VL034851.D

Acq: 9 Mar 2020 23:06

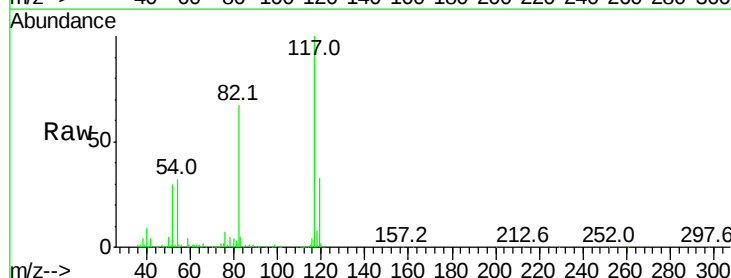
Tgt Ion: 117 Resp: 1991621

Ion Ratio Lower Upper

117 100

82 67.8 51.1 76.7

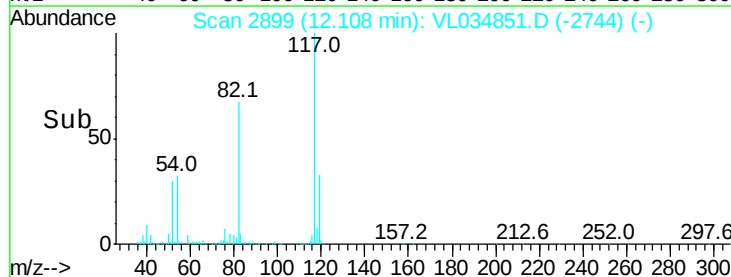
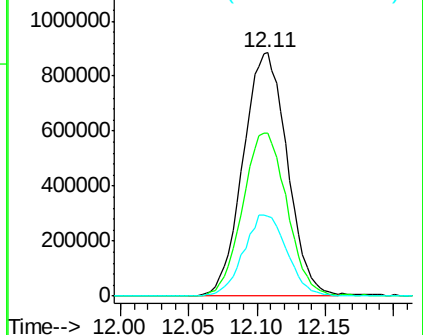
119 33.0 27.3 40.9

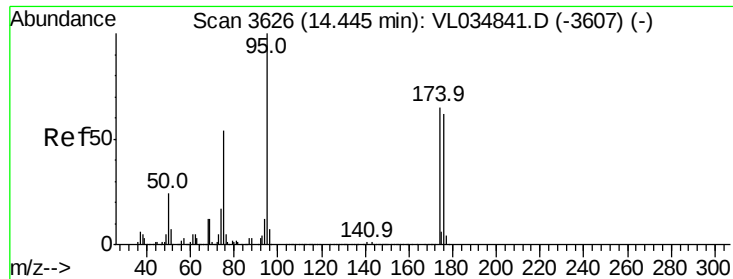


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V

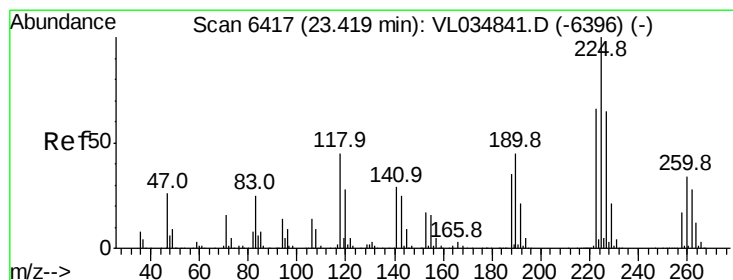
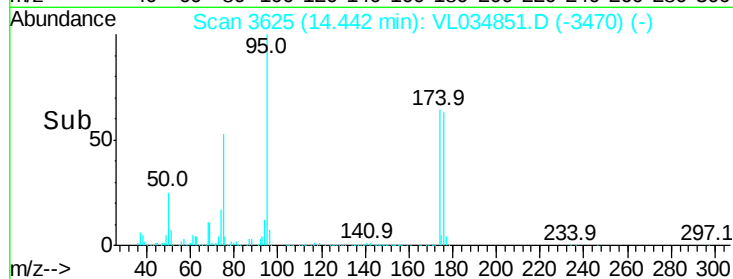
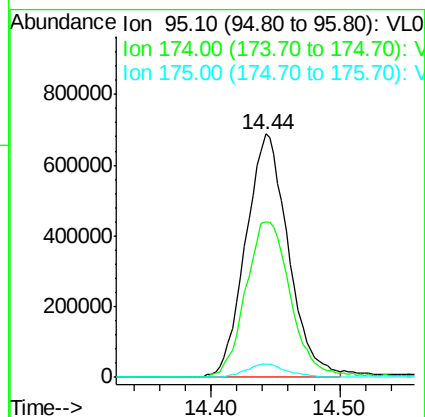
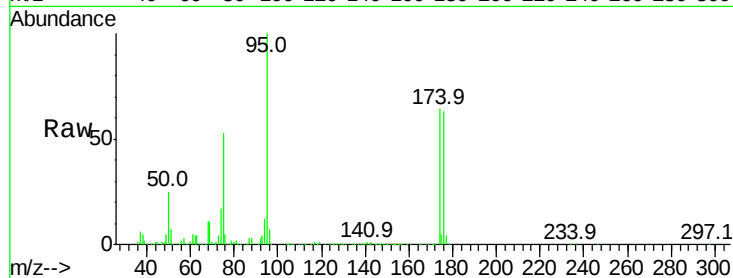




#68
1-Bromo-4-Fluorobenzene
Concen: 10.177 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.00 min
Lab File: VL034851.D
Acq: 9 Mar 2020 23:06

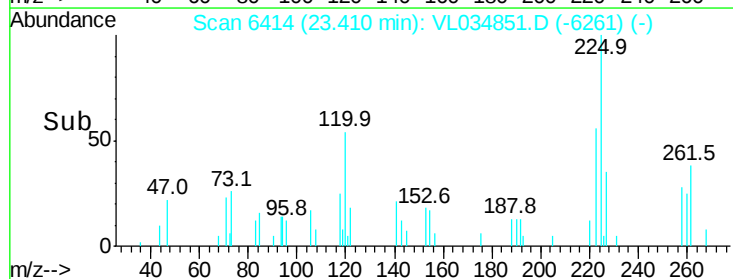
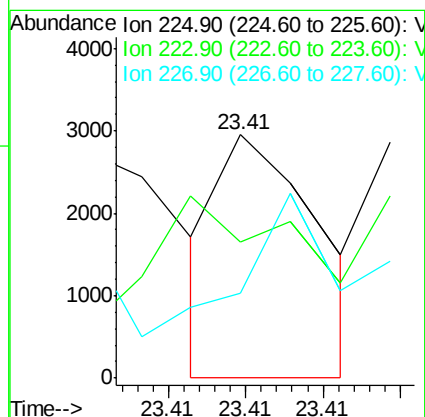
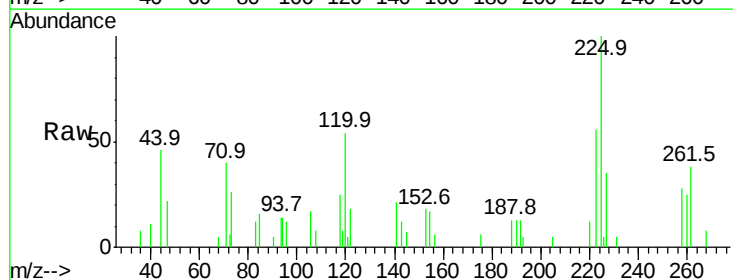
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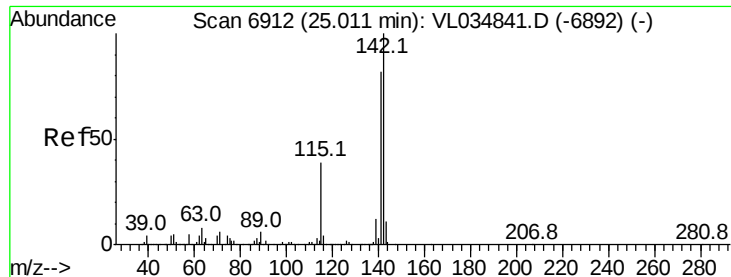
Tgt Ion: 95 Resp: 1580727
Ion Ratio Lower Upper
95 100
174 68.7 55.2 82.8
175 5.4 4.3 6.5



#78
Hexachloro-1,3-Butadiene
Concen: 0.011 ppbv
RT: 23.41 min Scan# 6414
Delta R.T. -0.01 min
Lab File: VL034851.D
Acq: 9 Mar 2020 23:06

Tgt Ion: 225 Resp: 1318
Ion Ratio Lower Upper
225 100
223 0.0 51.1 76.7#
227 0.0 51.8 77.6#

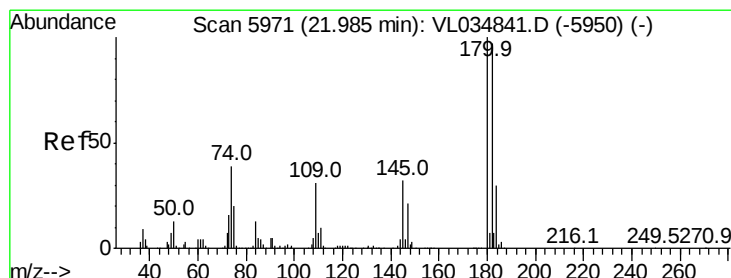
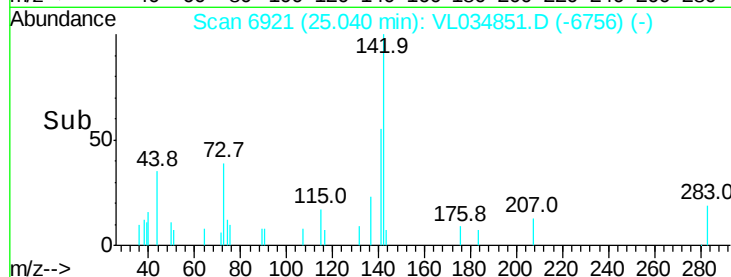
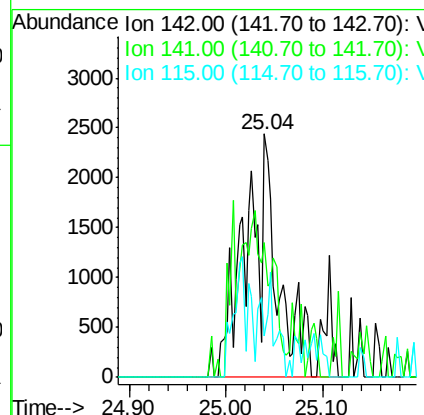
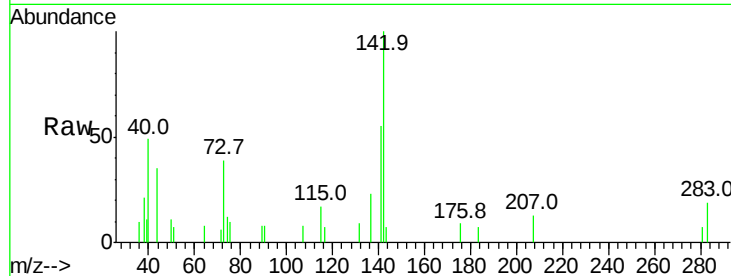




#80
 Naphthalene, 2-methyl-
 Concen: 0.121 ppbv
 RT: 25.04 min Scan# 6921
 Delta R.T. 0.03 min
 Lab File: VL034851.D
 Acq: 9 Mar 2020 23:06

Instrument :
 MSVOA_L
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Tgt Ion:142 Resp: 6185
 Ion Ratio Lower Upper
 142 100
 141 76.4 68.9 103.3
 115 37.4 33.2 49.8



#81
 1,2,4-Trichlorobenzene
 Concen: 0.010 ppbv
 RT: 21.99 min Scan# 5972
 Delta R.T. 0.00 min
 Lab File: VL034851.D
 Acq: 9 Mar 2020 23:06

Tgt Ion:180 Resp: 1305
 Ion Ratio Lower Upper
 180 100
 182 0.0 76.6 115.0#
 184 47.8 25.0 37.4#

