

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070620\
 Data File : VL035146.D
 Acq On : 6 Jul 2020 13:41
 Operator : SY/AP
 Sample : QC062420 CAN 10197
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC062420 CAN 10197

Quant Time: Jul 07 05:03:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Sat Jun 20 02:10:36 2020
 QLast Update : Sat Jun 20 02:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1128895	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2679058	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2439536	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2097180	10.35	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.50%

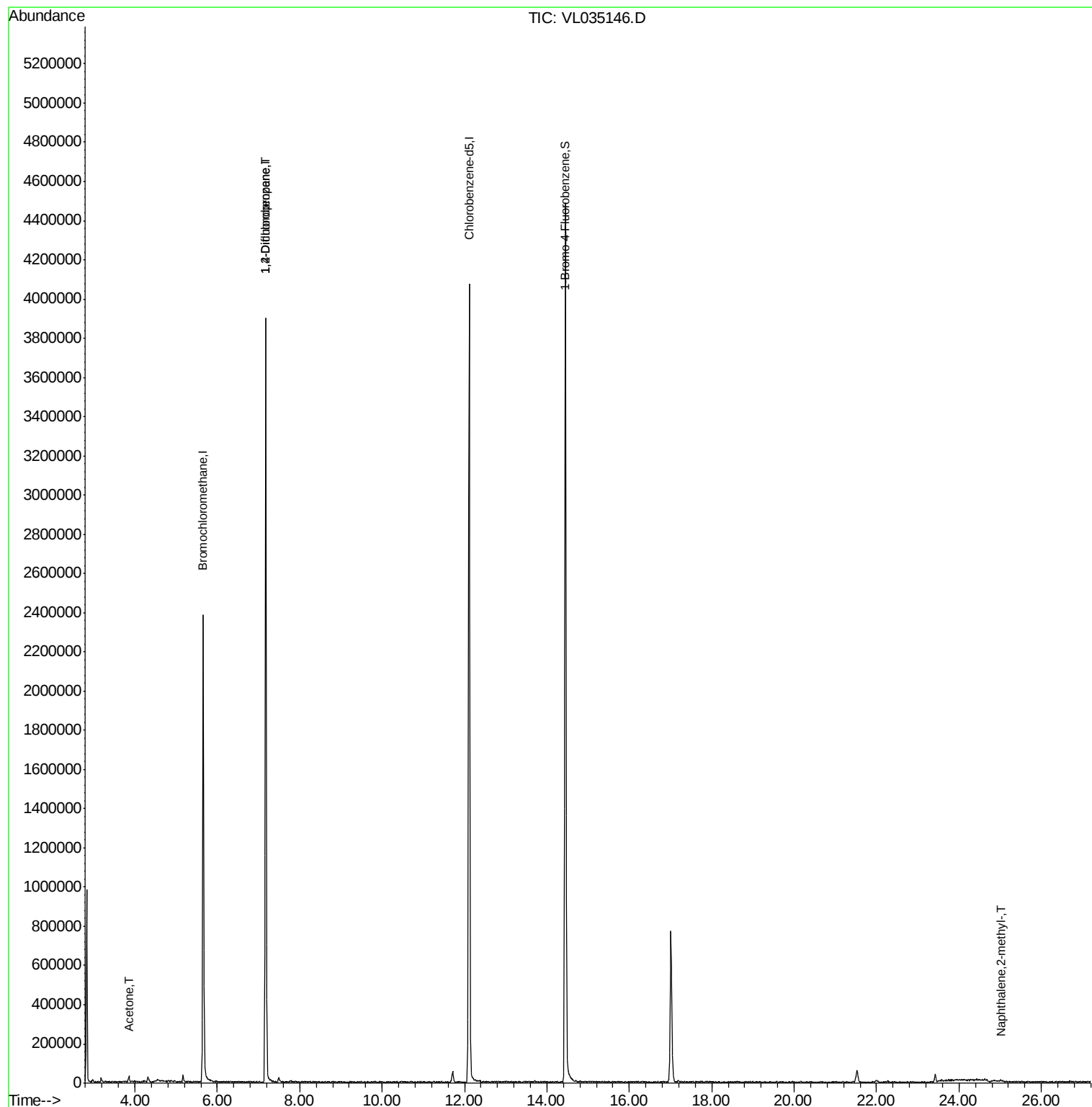
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.85	43	19182	0.141	ppbv #	28
39) 1,2-Dichloropropane	7.18	63	728175	8.975	ppbv #	25
80) Naphthalene,2-methyl-	25.02	142	4124	0.043	ppbv #	64

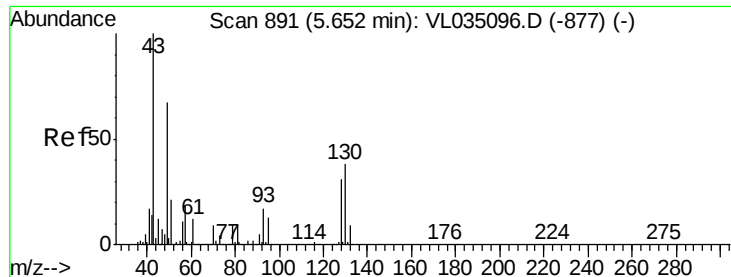
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. 0.00 min

Lab File: VL035146.D

Acq: 6 Jul 2020 13:41

Instrument :

MSVOA_L

ClientSampleId :

QC062420 CAN 10197

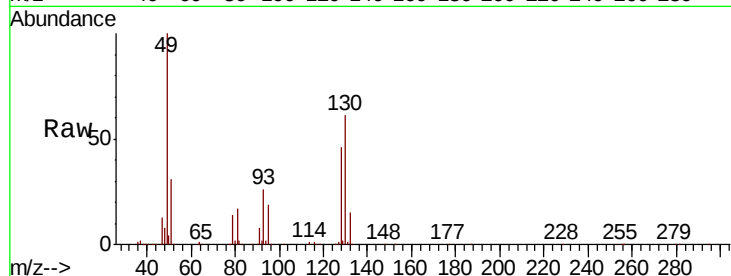
Tot Ion: 49 Resp: 1128895

Ion Ratio Lower Upper

49 100

128 47.9 22.9 68.5

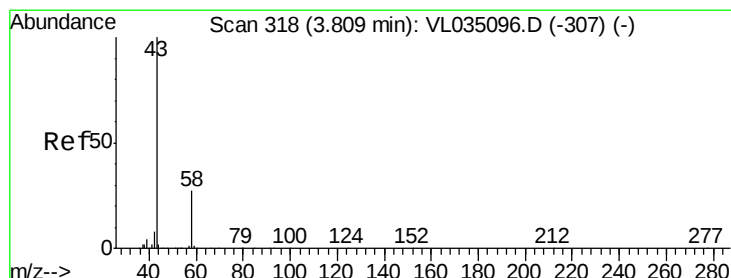
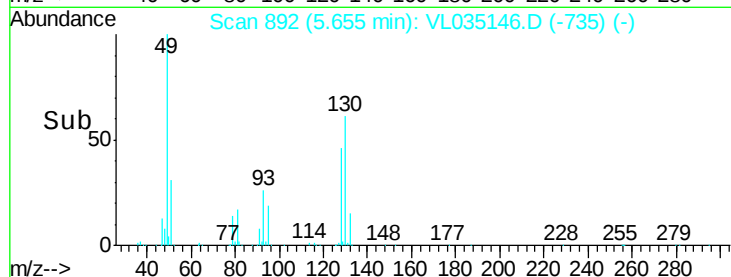
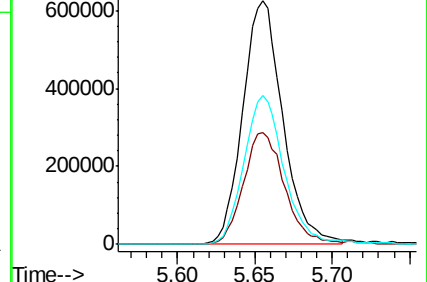
130 62.0 29.0 87.0



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



#15

Acetone

Concen: 0.141 ppbv

RT: 3.85 min Scan# 332

Delta R.T. 0.05 min

Lab File: VL035146.D

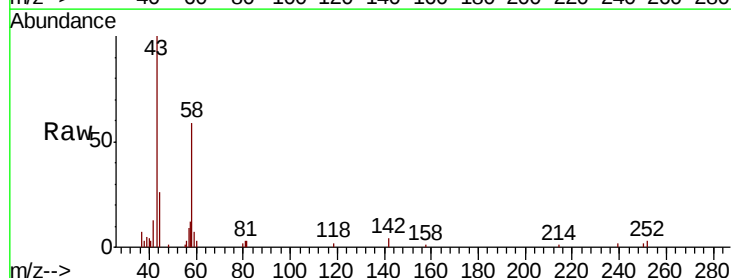
Acq: 6 Jul 2020 13:41

Tgt Ion: 43 Resp: 19182

Ion Ratio Lower Upper

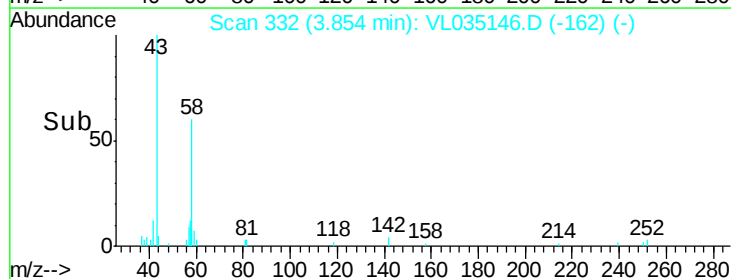
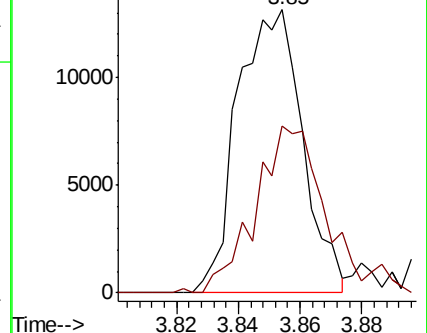
43 100

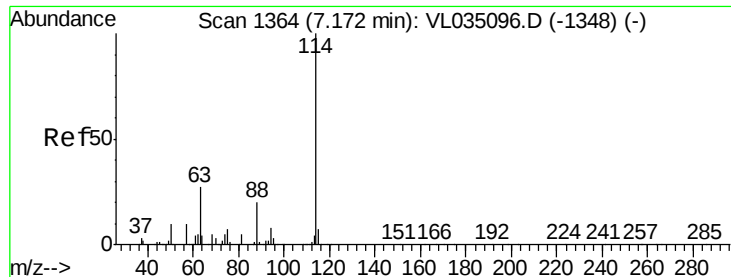
58 64.6 21.8 32.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

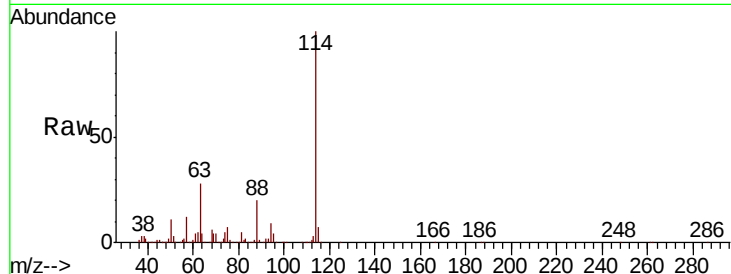




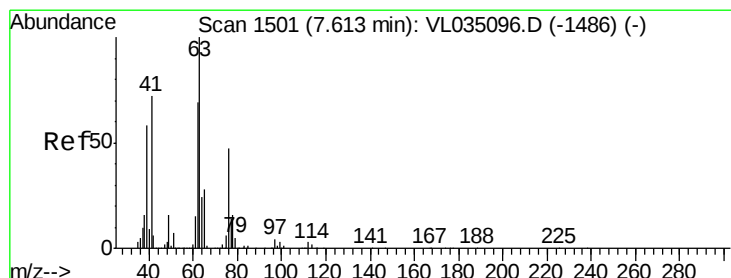
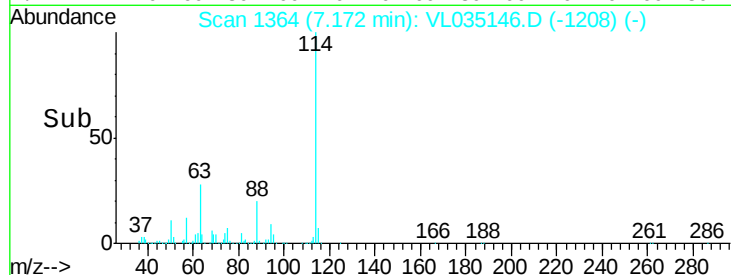
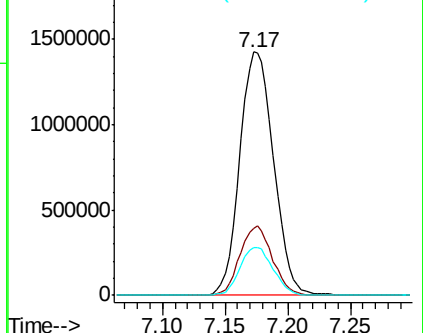
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VL035146.D
 Acq: 6 Jul 2020 13:41

Instrument :
 MSVOA_L
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 QC062420 CAN 10197

Tot Ion:114 Resp: 2679058
 Ion Ratio Lower Upper
 114 100
 63 27.4 21.9 32.9
 88 19.4 15.6 23.4

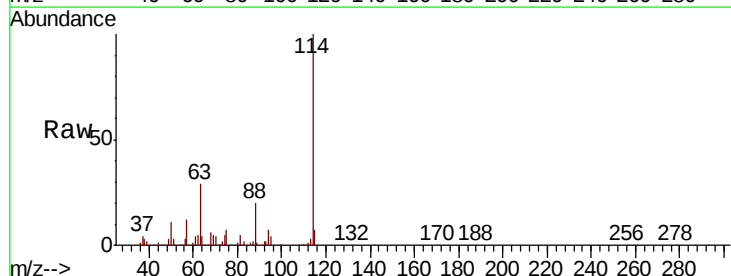


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

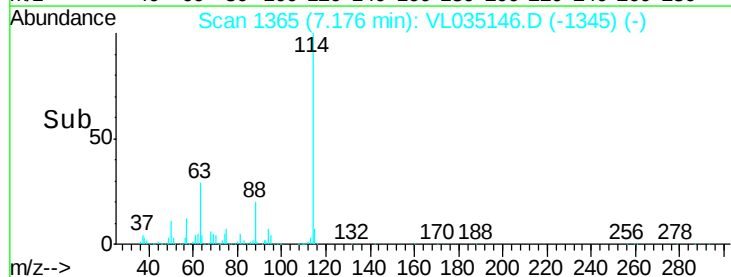
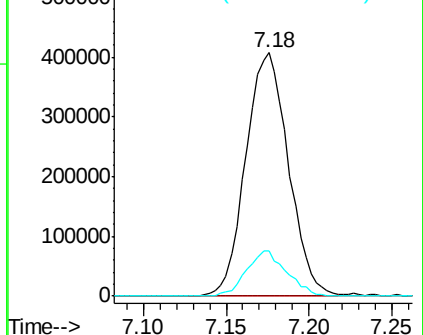


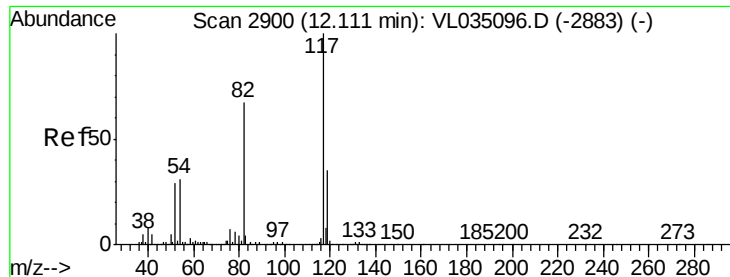
#39
 1,2-Dichloropropane
 Concen: 8.975 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.44 min
 Lab File: VL035146.D
 Acq: 6 Jul 2020 13:41

Tgt Ion: 63 Resp: 728175
 Ion Ratio Lower Upper
 63 100
 41 0.1 58.0 87.0#
 62 18.5 55.4 83.0#



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

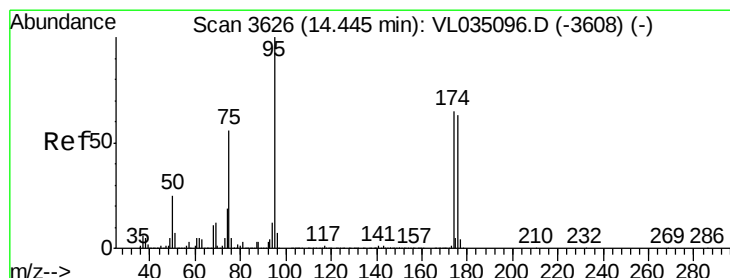
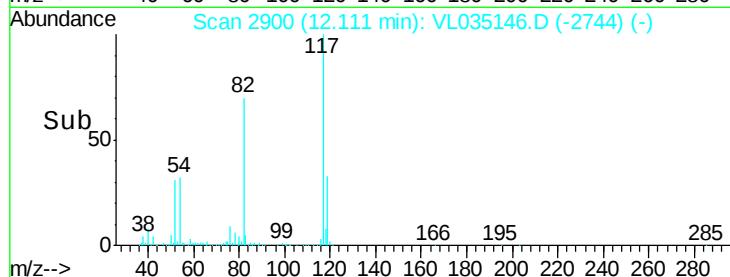
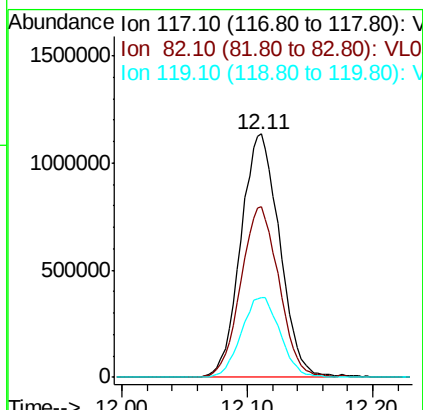
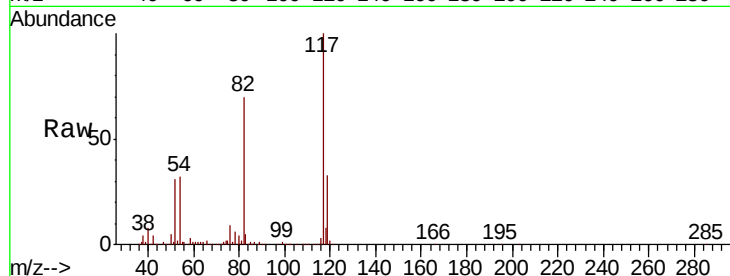




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VL035146.D
Acq: 6 Jul 2020 13:41

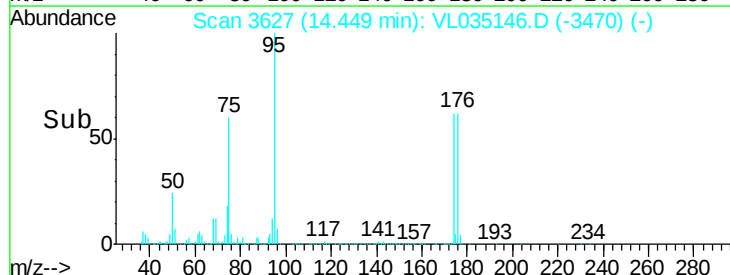
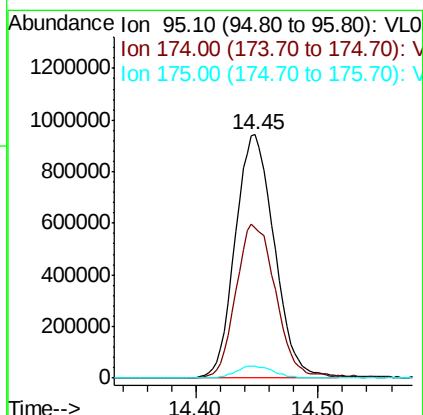
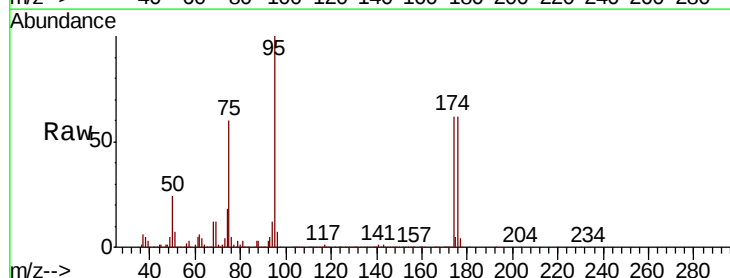
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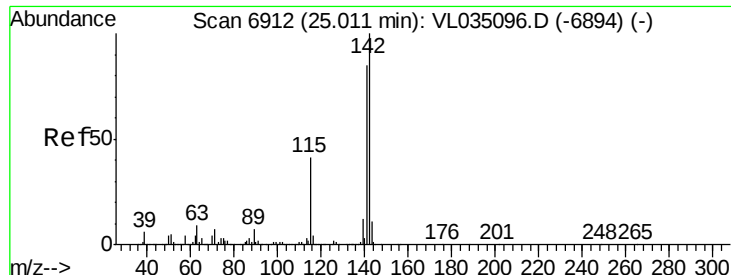
Tot Ion:117 Resp: 2439536
Ion Ratio Lower Upper
117 100
82 69.6 50.4 75.6
119 33.1 25.4 38.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.349 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. 0.00 min
Lab File: VL035146.D
Acq: 6 Jul 2020 13:41

Tgt Ion: 95 Resp: 2097180
Ion Ratio Lower Upper
95 100
174 64.6 52.2 78.2
175 4.8 4.0 6.0





#80

Naphthalene, 2-methyl-

Concen: 0.043 ppbv

RT: 25.02 min Scan# 6916

Delta R.T. 0.01 min

Lab File: VL035146.D

Acq: 6 Jul 2020 13:41

Instrument :

MSVOA_L

ClientSampleId :

QC062420 CAN 10197

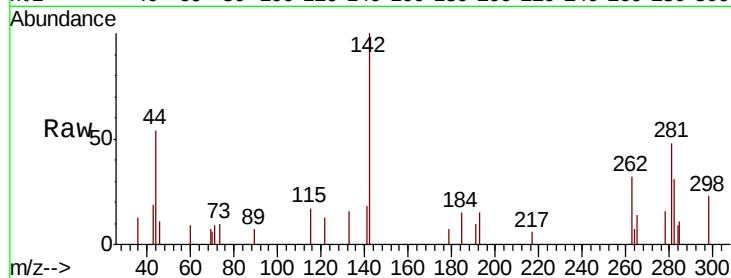
Tot Ion:142 Resp: 4124

Ion Ratio Lower Upper

142 100

141 39.0 67.5 101.3#

115 36.6 33.8 50.8



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V

