

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073019\
 Data File : VL034058.D
 Acq On : 30 Jul 2019 10:01
 Operator : SY/AP
 Sample : OC072519 CAN 10445
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 31 02:10:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL073019AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Jul 30 06:55:18 2019
 QLast Update : Tue Jul 30 06:55:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.71	49	1046700	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.24	114	4042147	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.18	117	2738095	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.52	95	2204016	10.18	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.80%

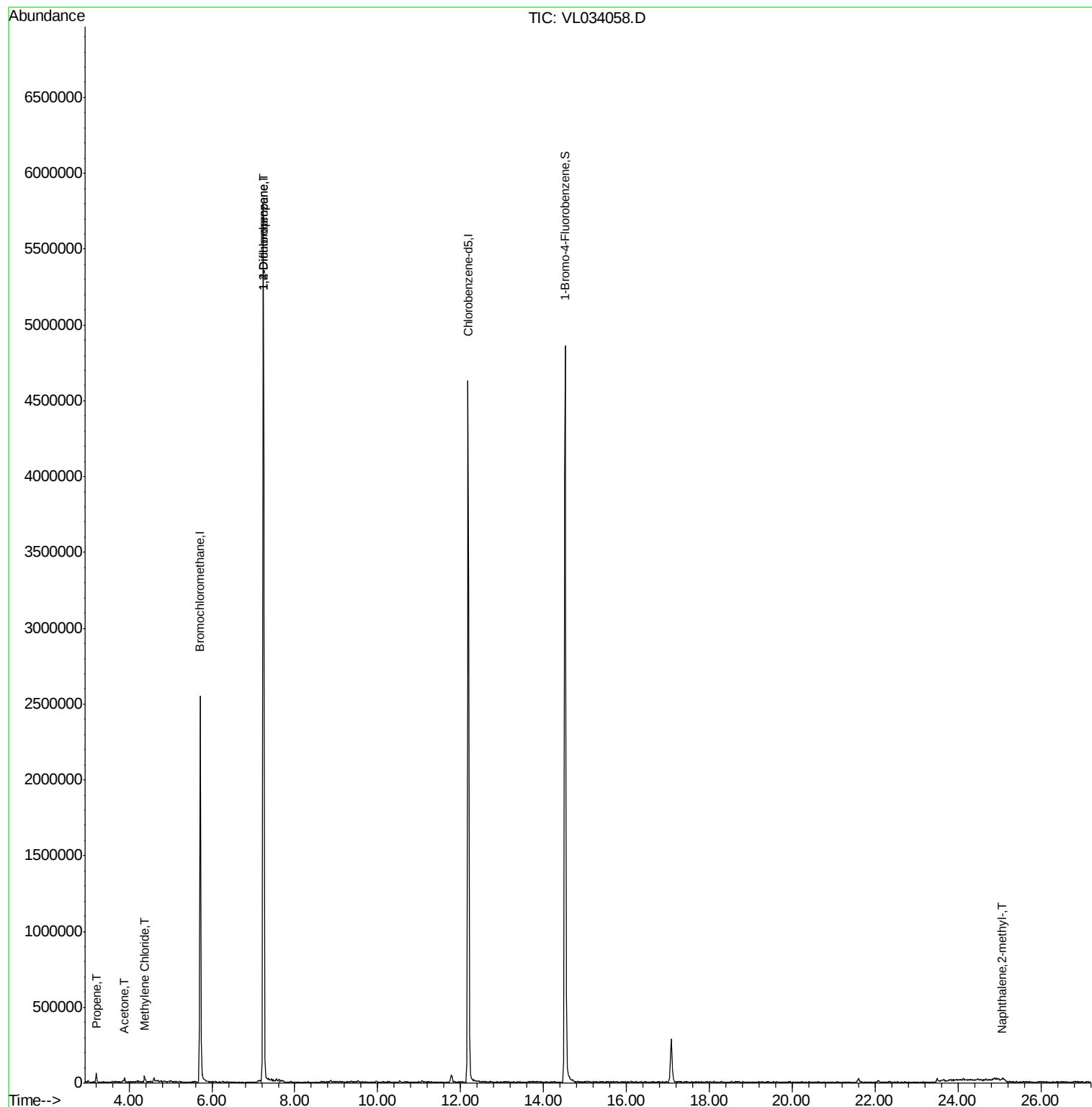
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.21	41	14948	0.345	ppbv	96
15) Acetone	3.89	43	22251	0.140	ppbv	98
20) Methylene Chloride	4.36	84	2617	0.043	ppbv #	82
39) 1,2-Dichloropropane	7.25	63	1061203	9.718	ppbv #	24
80) Naphthalene,2-methyl-	25.08	142	6476	0.058	ppbv #	83

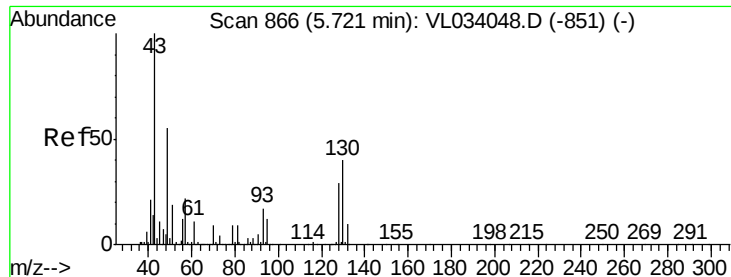
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.71 min Scan# 864

Delta R.T. -0.01 min

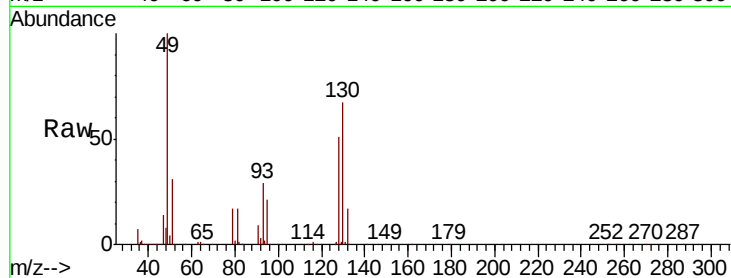
Lab File: VL034058.D

Acq: 30 Jul 2019 10:01

Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 49 Resp: 1046700

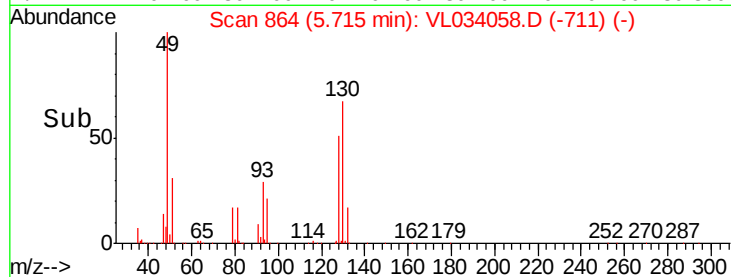
Ion	Ratio	Lower	Upper
49	100		
128	56.9	27.0	81.0
130	72.7	35.0	105.0



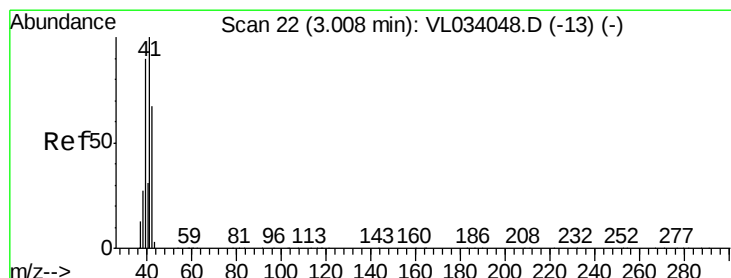
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



Time-->



#9

Propene

Concen: 0.345 ppbv

RT: 3.21 min Scan# 86

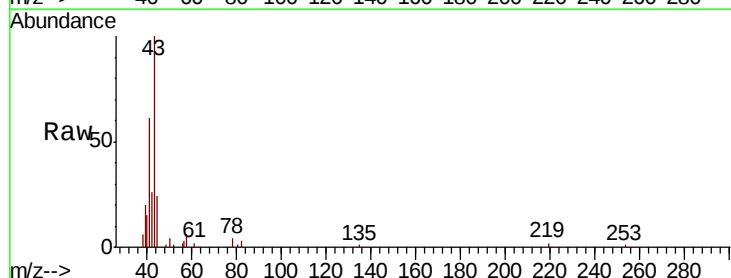
Delta R.T. 0.21 min

Lab File: VL034058.D

Acq: 30 Jul 2019 10:01

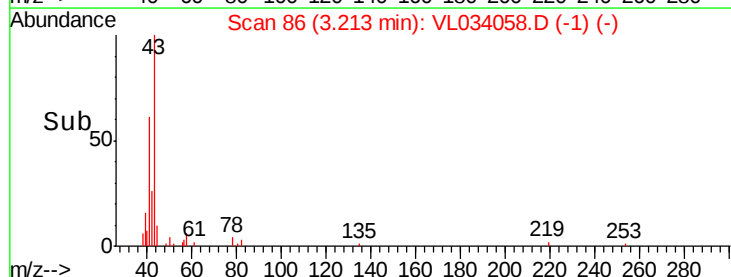
Tgt Ion: 41 Resp: 14948

Ion	Ratio	Lower	Upper
41	100		
42	72.8	55.4	83.2

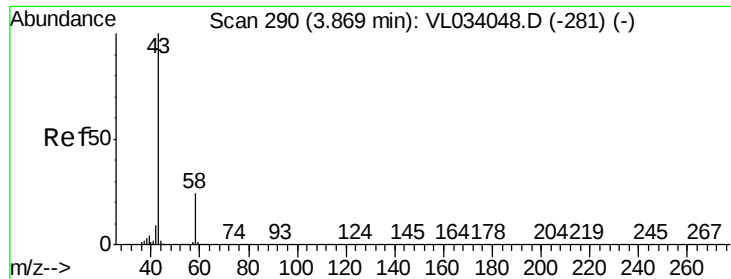


Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



Time-->



#15

Acetone

Concen: 0.140 ppbv

RT: 3.89 min Scan# 295

Delta R.T. 0.02 min

Lab File: VL034058.D

Acq: 30 Jul 2019 10:01

Instrument :

MSVOA_L

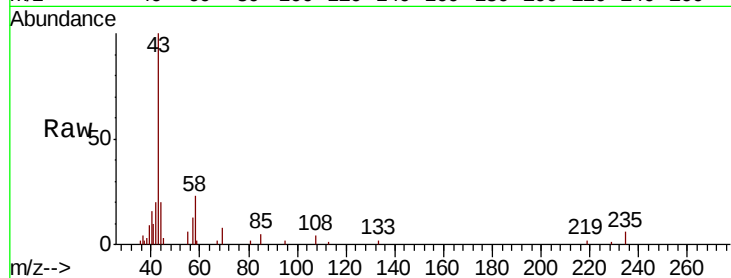
ClientSampleId :

Tot Ion: 43 Resp: 22251

Ion Ratio Lower Upper

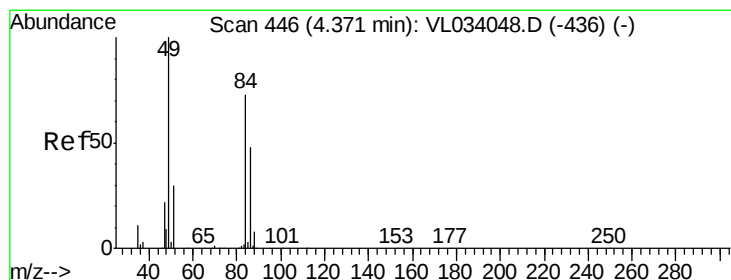
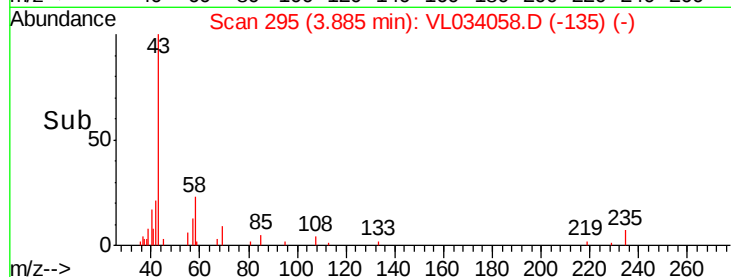
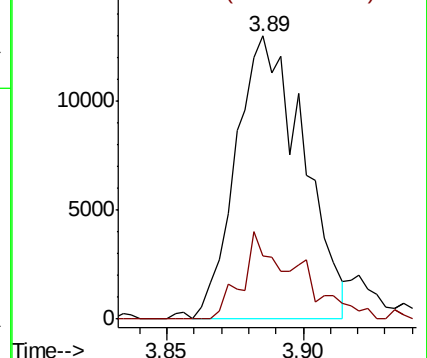
43 100

58 25.9 21.6 32.4



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 0.043 ppbv

RT: 4.36 min Scan# 444

Delta R.T. -0.01 min

Lab File: VL034058.D

Acq: 30 Jul 2019 10:01

Tgt Ion: 84 Resp: 2617

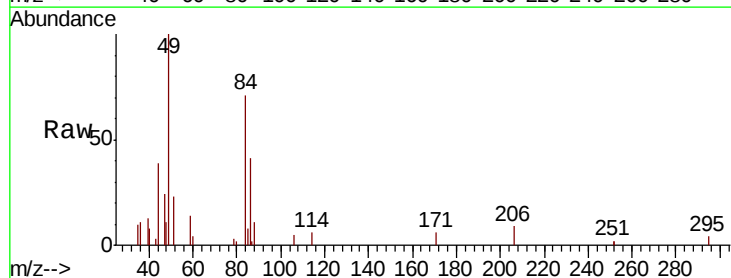
Ion Ratio Lower Upper

84 100

49 125.3 109.6 164.4

51 26.4 33.4 50.2#

86 41.7 52.6 78.8#

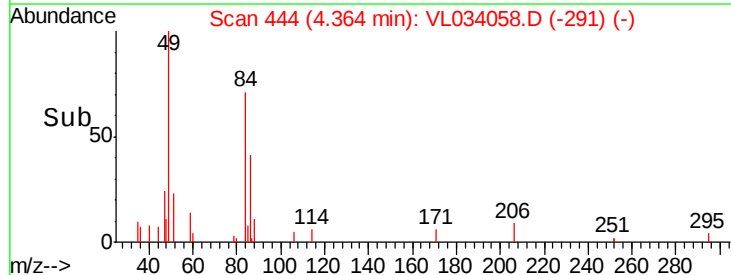
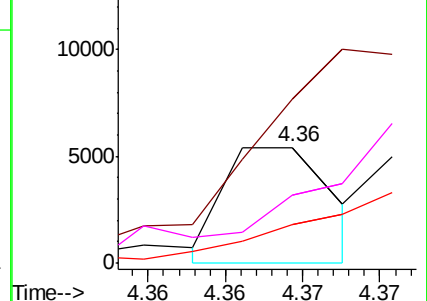


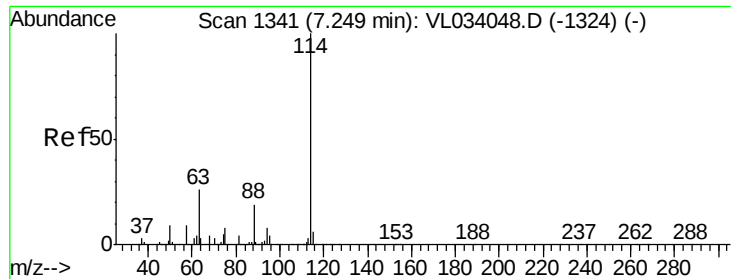
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

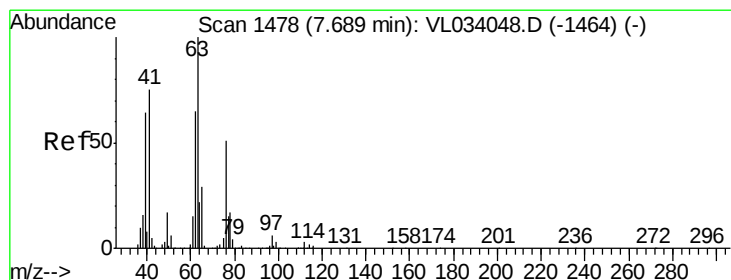
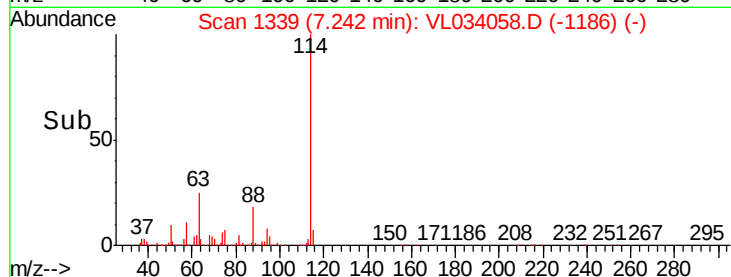
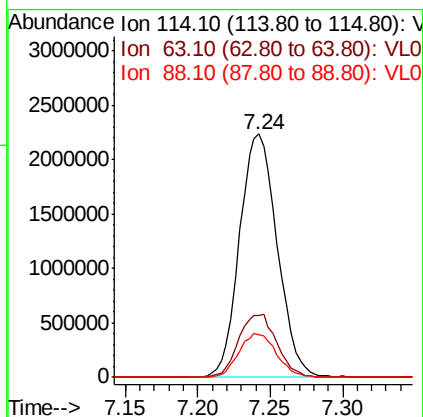
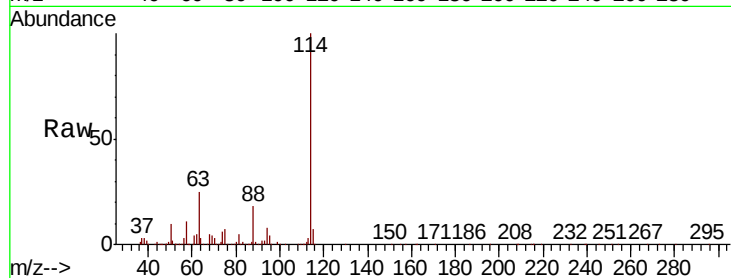




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.24 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: VL034058.D
 Acq: 30 Jul 2019 10:01

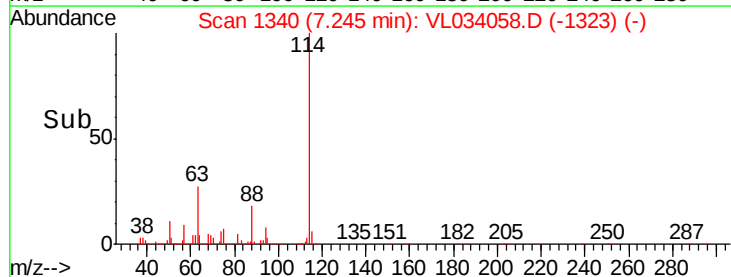
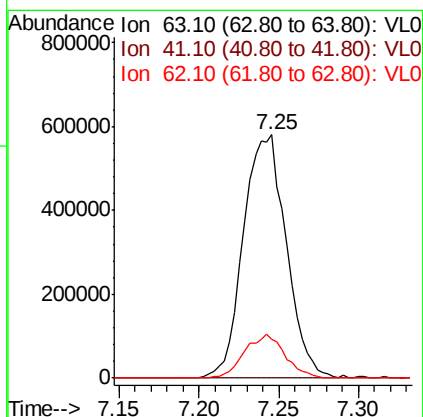
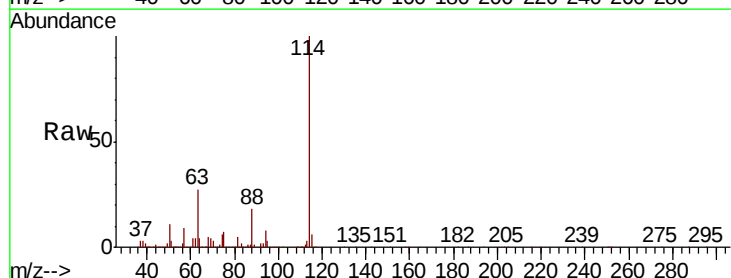
Instrument :
 MSVOA_L
 ClientSampleId :

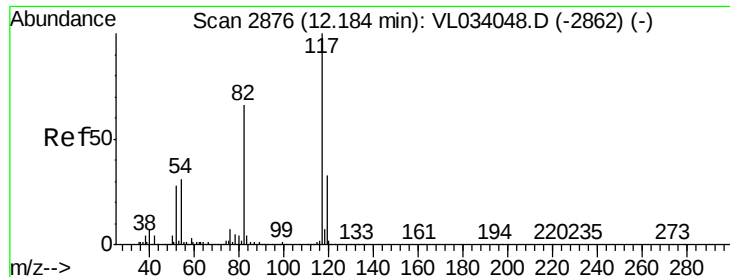
Tot Ion:114 Resp: 4042147
 Ion Ratio Lower Upper
 114 100
 63 26.4 21.0 31.6
 88 18.2 14.7 22.1



#39
 1,2-Dichloropropane
 Concen: 9.718 ppbv
 RT: 7.25 min Scan# 1340
 Delta R.T. -0.44 min
 Lab File: VL034058.D
 Acq: 30 Jul 2019 10:01

Tgt Ion: 63 Resp: 1061203
 Ion Ratio Lower Upper
 63 100
 41 0.0 59.8 89.8#
 62 15.9 52.2 78.2#

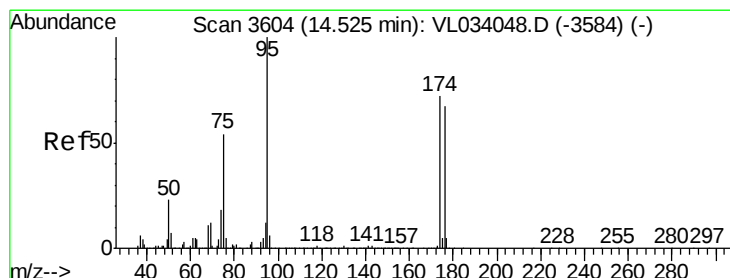
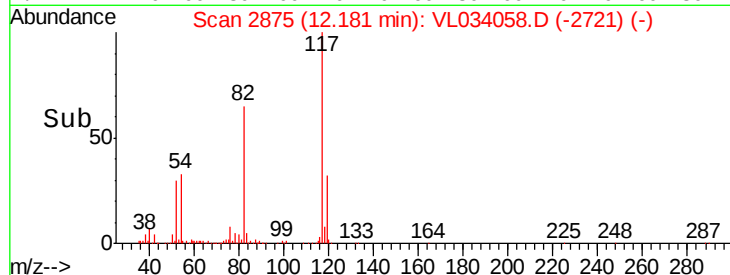
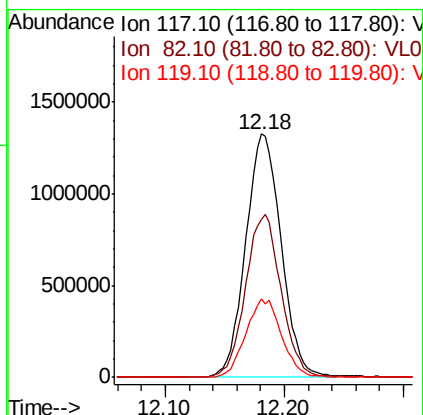
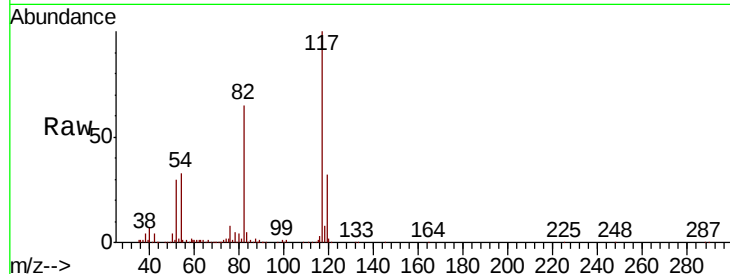




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.18 min Scan# 2875
Delta R.T. -0.00 min
Lab File: VL034058.D
Acq: 30 Jul 2019 10:01

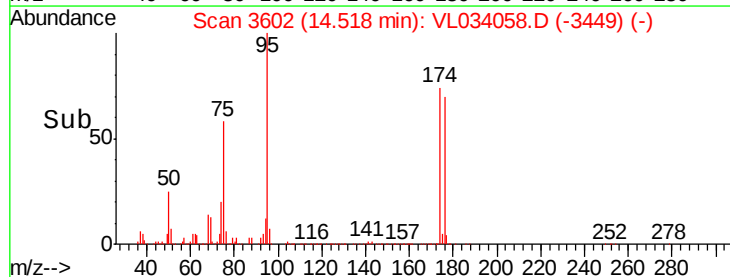
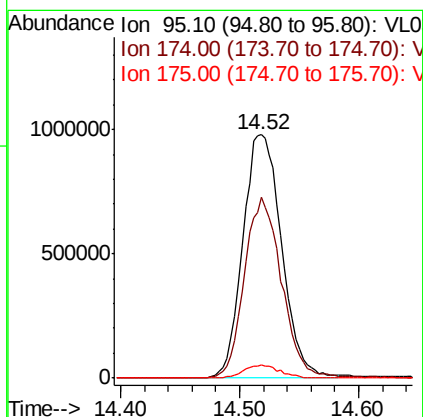
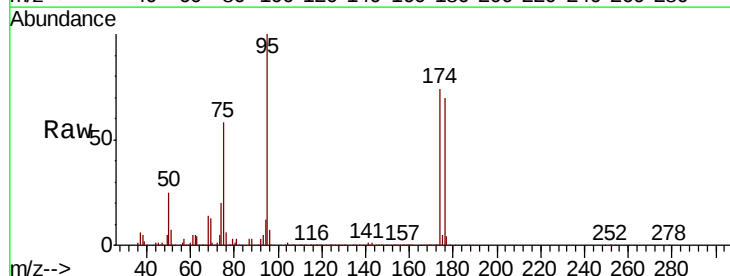
Instrument :
MSVOA_L
ClientSampleId :

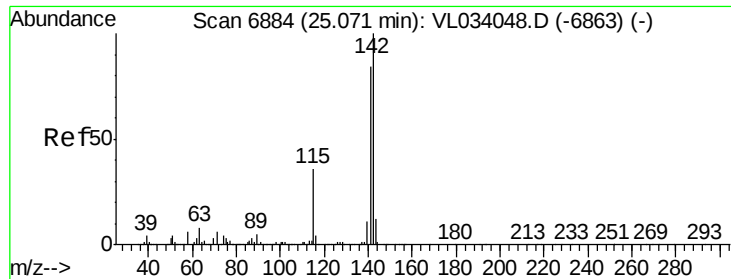
Tot Ion:117 Resp: 2738095
Ion Ratio Lower Upper
117 100
82 67.3 49.8 74.8
119 32.6 43.0 64.6#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.183 ppbv
RT: 14.52 min Scan# 3602
Delta R.T. -0.01 min
Lab File: VL034058.D
Acq: 30 Jul 2019 10:01

Tgt Ion: 95 Resp: 2204016
Ion Ratio Lower Upper
95 100
174 71.9 57.6 86.4
175 5.1 4.1 6.1





#80

Naphthalene, 2-methyl-

Concen: 0.058 ppbv

RT: 25.08 min Scan# 6887

Delta R.T. 0.01 min

Lab File: VL034058.D

Acq: 30 Jul 2019 10:01

Instrument :

MSVOA_L

ClientSampleId :

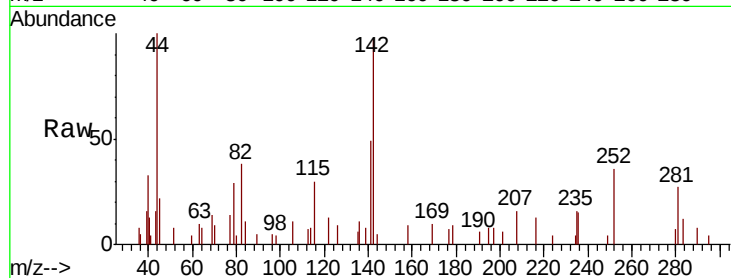
Tot Ion:142 Resp: 6476

Ion Ratio Lower Upper

142 100

141 105.0 67.6 101.4#

115 39.7 29.8 44.6



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

