

Data File : VL034820.D
Acq On : 6 Mar 2020 17:55
Operator : SY/AP
Sample : VL0306ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0306ABL01

Quant Time: Mar 07 03:17:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 06:36:39 2020
QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	873375	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.18	114	1991922	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.12	117	1945585	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1530790	9.44	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.40%

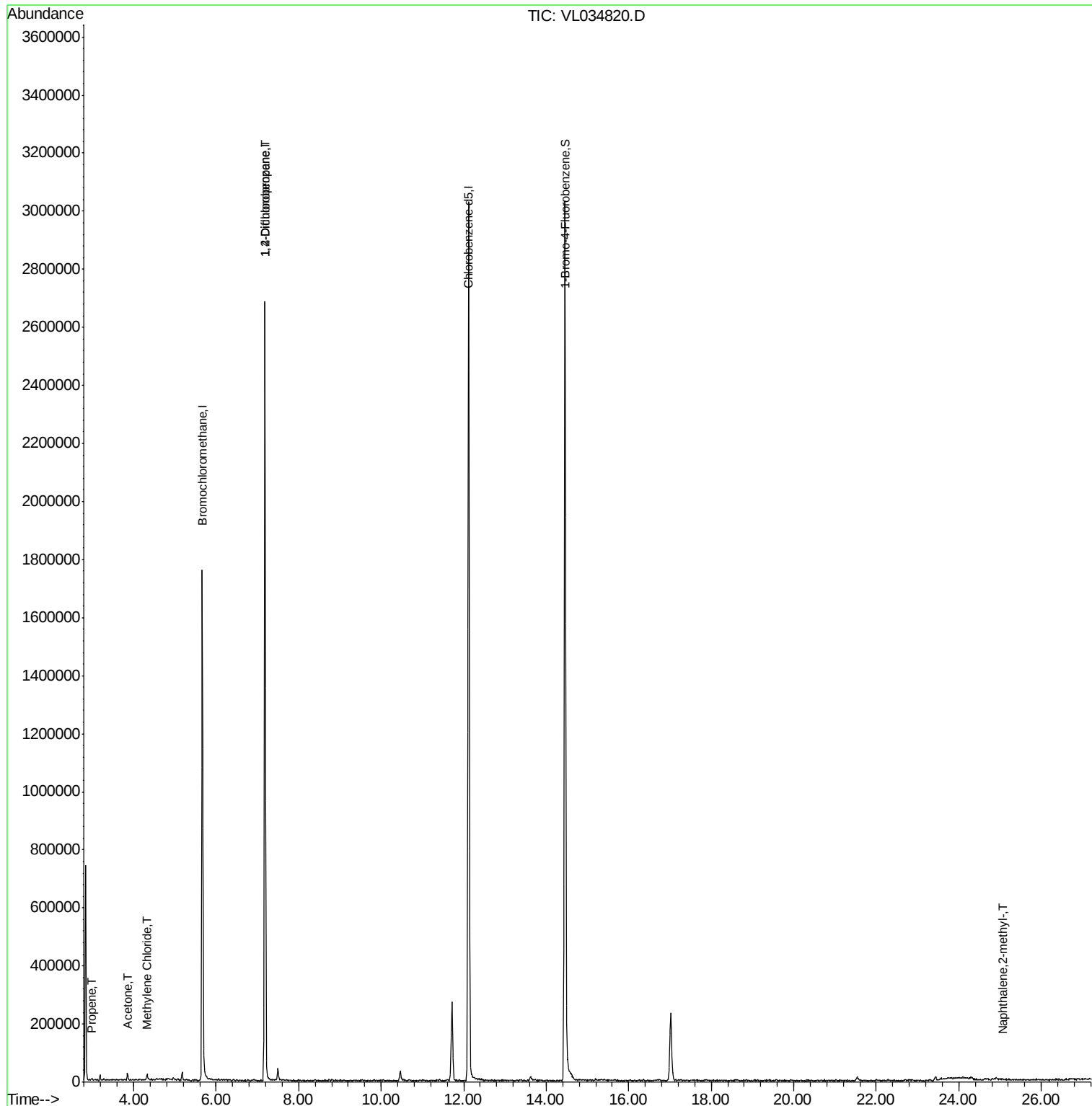
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	2.98	41	1433	0.037	ppbv	85
15) Acetone	3.85	43	17259	0.165	ppbv #	49
20) Methylene Chloride	4.32	84	5227	0.140	ppbv #	86
39) 1,2-Dichloropropane	7.18	63	508585	7.404	ppbv #	23
80) Naphthalene,2-methyl-	25.06	142	2315	0.053	ppbv #	54

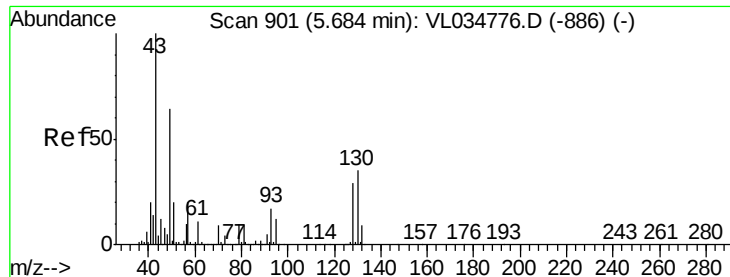
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.02 min

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MSVOA_L

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VL0306ABL01

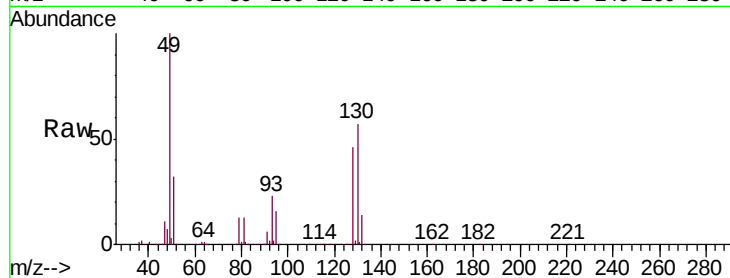
Tgt Ion: 49 Resp: 873375

Ion Ratio Lower Upper

49 100

128 46.9 21.6 64.6

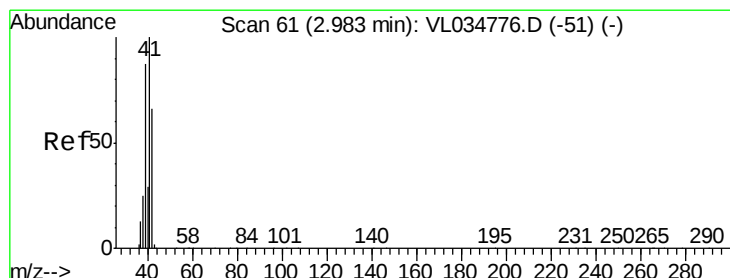
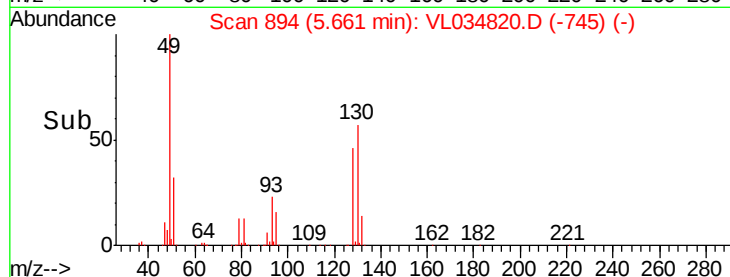
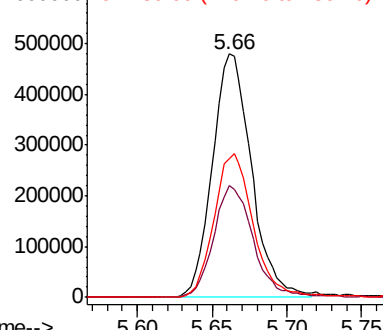
130 59.6 27.4 82.2



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



#9

Propene

Concen: 0.037 ppbv

RT: 2.98 min Scan# 61

Delta R.T. 0.00 min

Lab File: VL034820.D

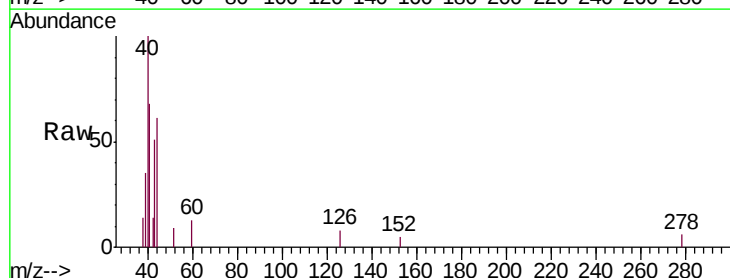
Acq: 6 Mar 2020 17:55

Tgt Ion: 41 Resp: 1433

Ion Ratio Lower Upper

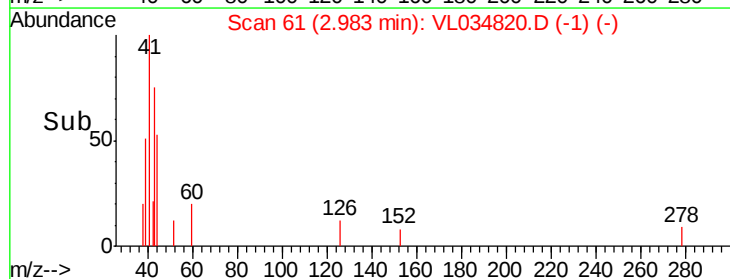
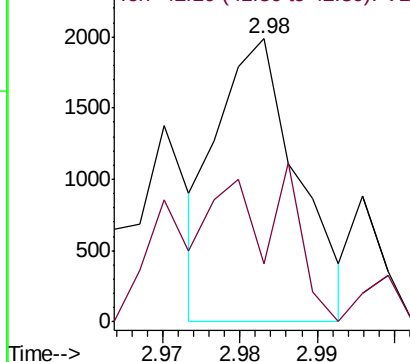
41 100

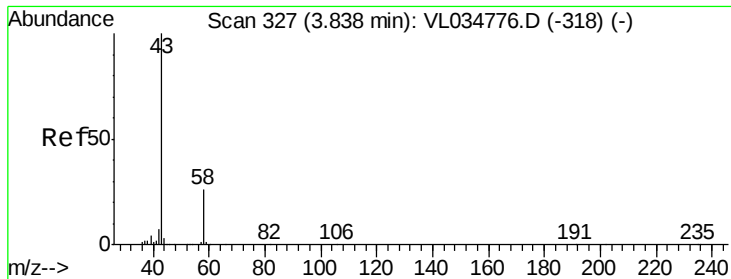
42 81.9 55.6 83.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.165 ppbv

RT: 3.85 min Scan# 331

Delta R.T. 0.01 min

Lab File: VL034820.D

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Instrument :

MSVOA_L

ClientSampleId :

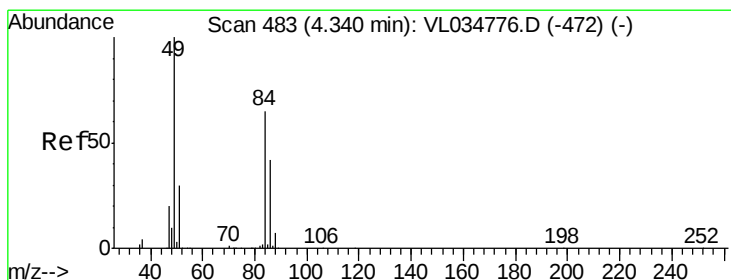
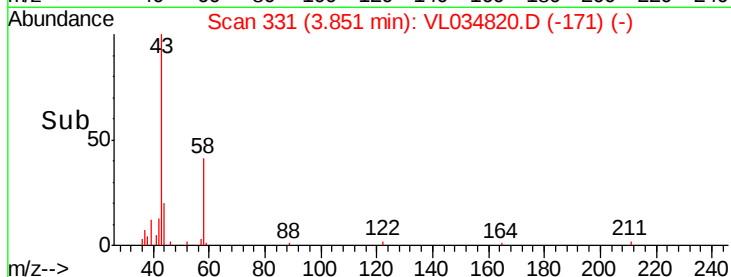
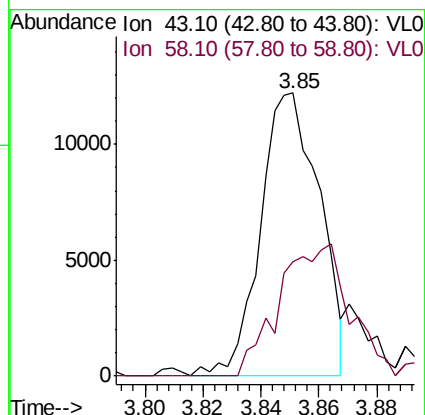
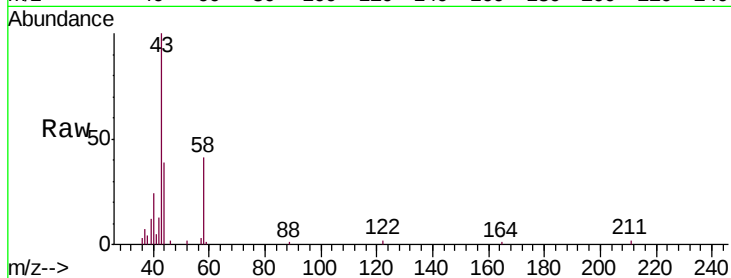
VL0306ABL01

Tgt Ion: 43 Resp: 17259

Ion Ratio Lower Upper

43 100

58 0.0 21.0 31.6#



#20

Methylene Chloride

Concen: 0.140 ppbv

RT: 4.32 min Scan# 477

Delta R.T. -0.02 min

Lab File: VL034820.D

Acq: 6 Mar 2020 17:55

Tgt Ion: 84 Resp: 5227

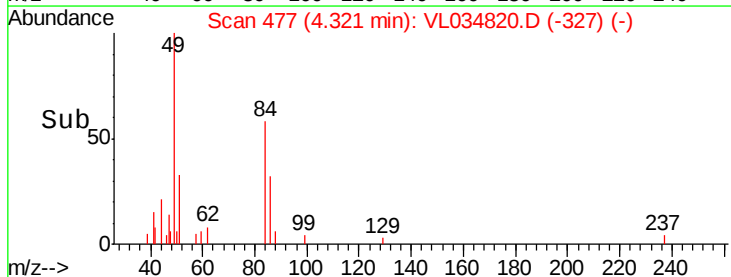
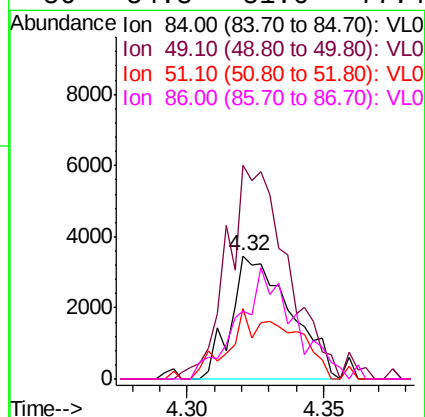
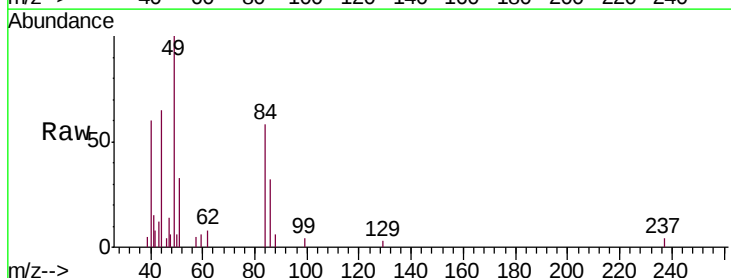
Ion Ratio Lower Upper

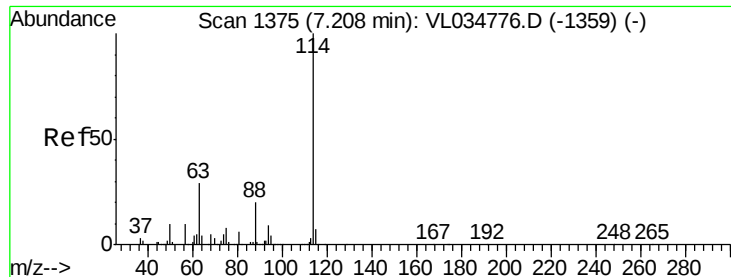
84 100

49 173.1 123.2 184.8

51 56.9 37.4 56.2#

86 54.8 51.6 77.4



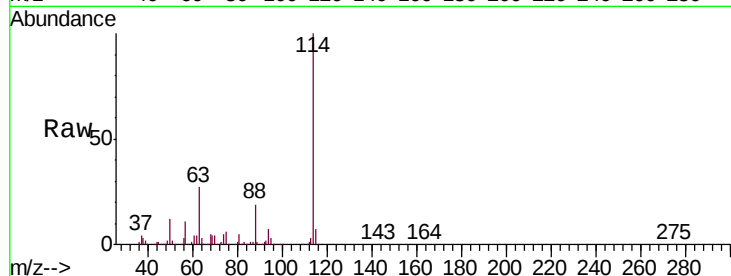


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. -0.03 min
 Lab File: VL034820.D
 Acq: 6 Mar 2020 17:55

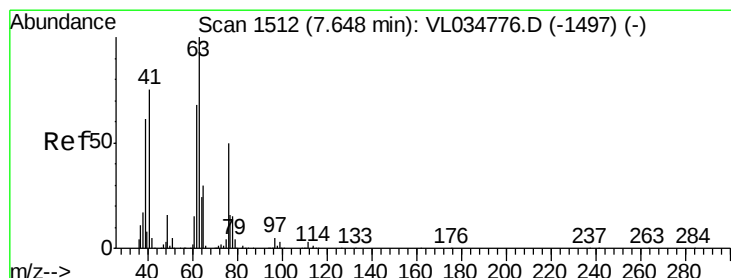
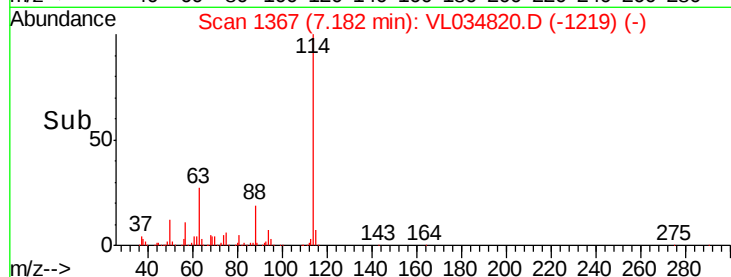
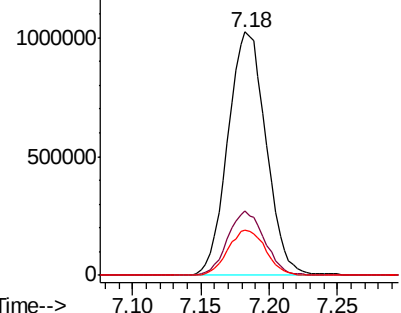
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0306ABL01

Tgt Ion:114 Resp: 1991922

Ion	Ratio	Lower	Upper
114	100		
63	25.8	23.6	35.4
88	18.5	15.8	23.8



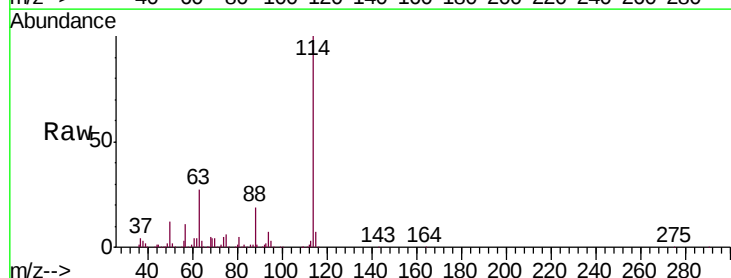
Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0



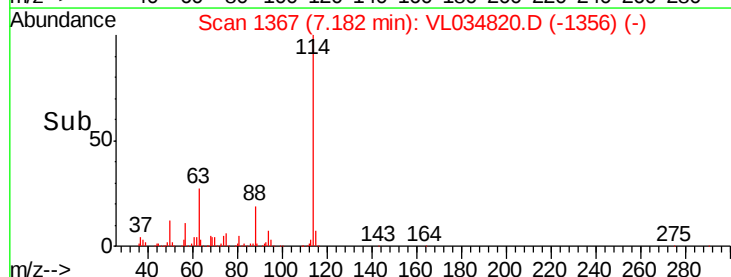
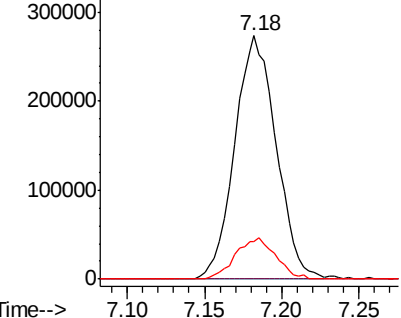
#39
 1,2-Dichloropropane
 Concen: 7.404 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. -0.47 min
 Lab File: VL034820.D
 Acq: 6 Mar 2020 17:55

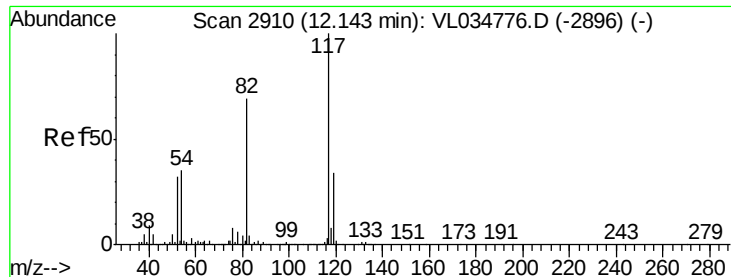
Tgt Ion: 63 Resp: 508585

Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.3	90.5#
62	15.5	54.5	81.7#



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

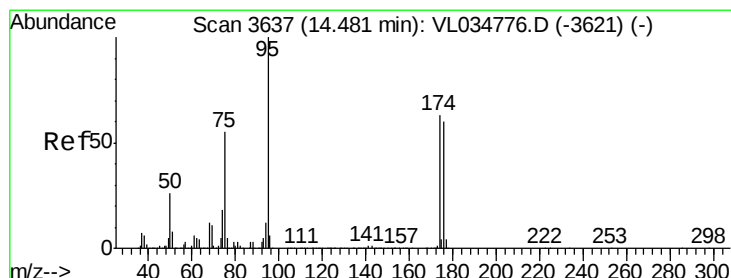
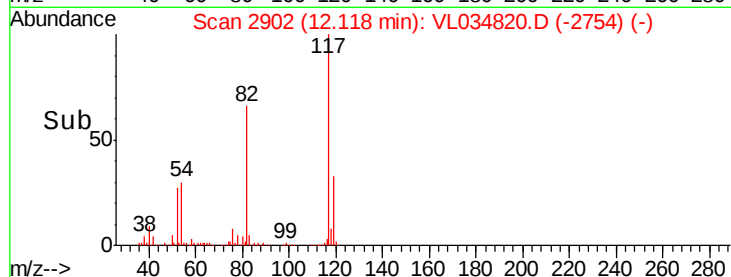
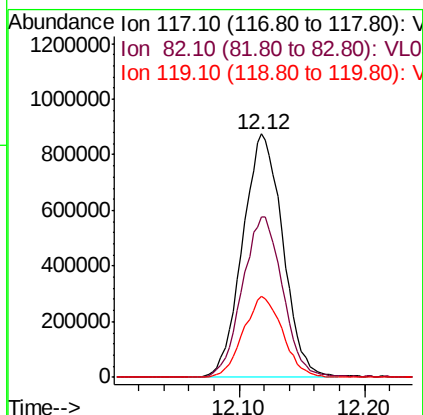
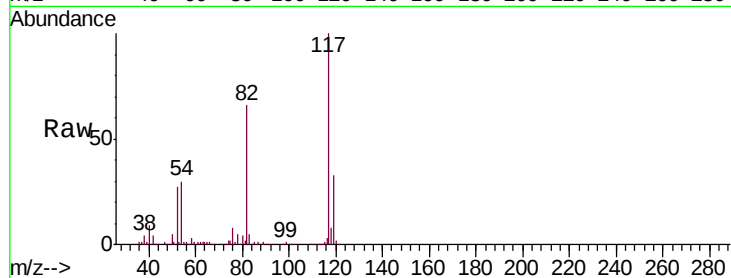




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. -0.03 min
Lab File: VL034820.D
Acq: 6 Mar 2020 17:55

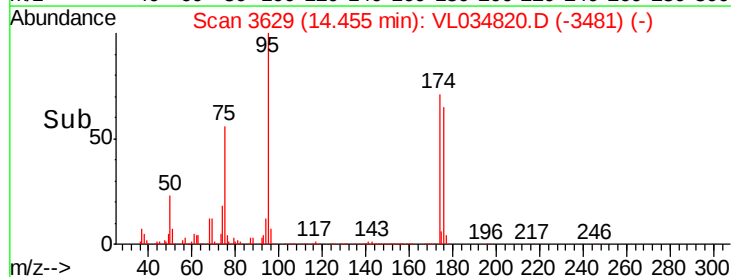
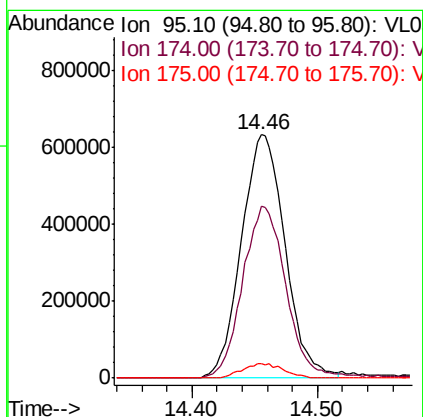
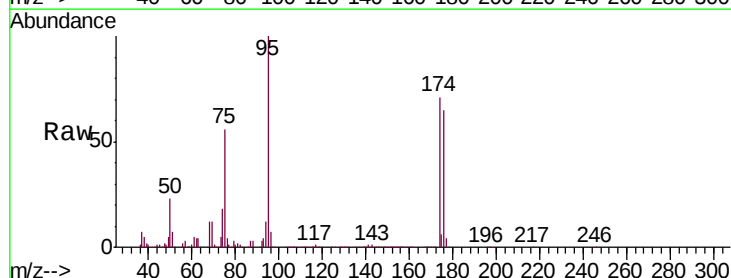
Instrument :
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VL0306ABL01

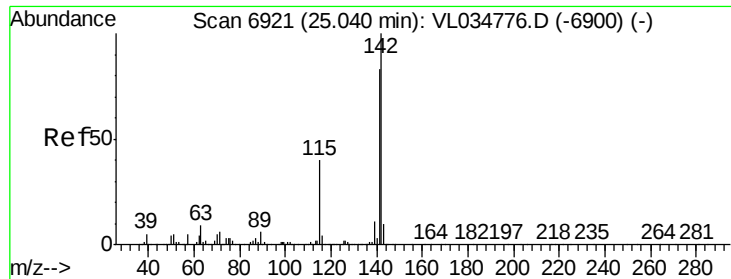
Tgt Ion: 117 Resp: 1945585
Ion Ratio Lower Upper
117 100
82 66.8 53.9 80.9
119 32.6 25.0 37.4



#68
1-Bromo-4-Fluorobenzene
Concen: 9.436 ppbv
RT: 14.46 min Scan# 3629
Delta R.T. -0.03 min
Lab File: VL034820.D
Acq: 6 Mar 2020 17:55

Tgt Ion: 95 Resp: 1530790
Ion Ratio Lower Upper
95 100
174 71.6 50.6 76.0
175 5.7 3.8 5.6#





#80

Naphthalene, 2-methyl-

Concen: 0.053 ppbv

RT: 25.06 min Scan# 6926

Delta R.T. 0.02 min

Lab File: VL034820.D

Acq: 6 Mar 2020 17:55

Instrument :

MSVOA_L

ClientSampleId :

VL0306ABL01

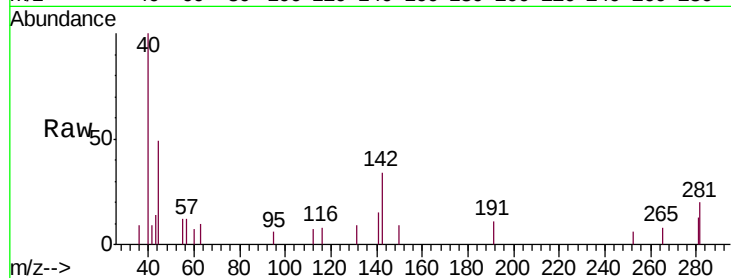
Tgt Ion:142 Resp: 2315

Ion Ratio Lower Upper

142 100

141 41.6 67.7 101.5#

115 12.8 30.7 46.1#



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

