

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040621\
 Data File : VL036702.D
 Acq On : 6 Apr 2021 16:35
 Operator : SY/AP
 Sample : VL0406ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0406ABL01

Quant Time: Apr 07 04:26:29 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1352229	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3253917	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2843268	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2247995	9.92	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.20%

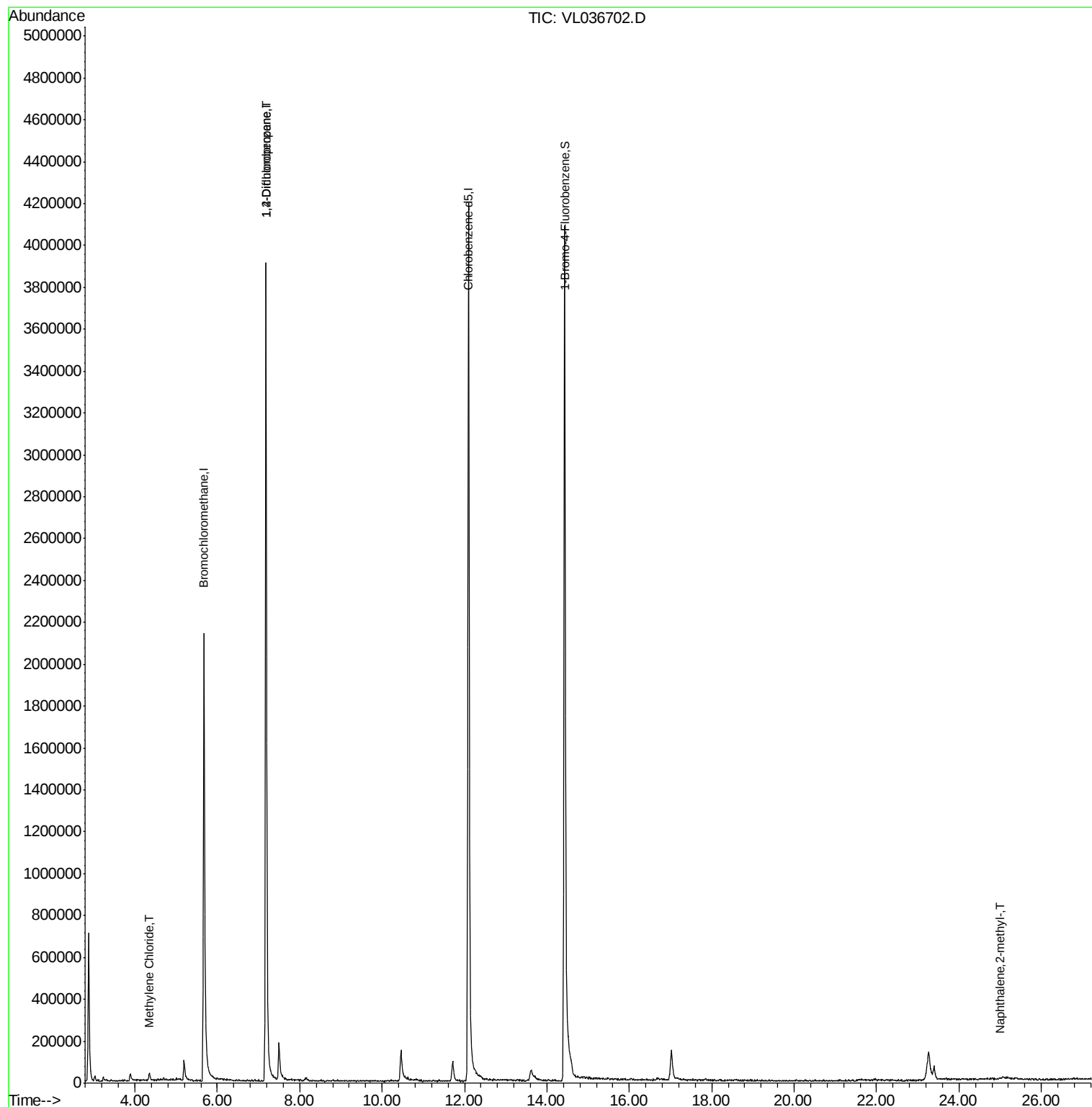
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.35	84	8679	0.139	ppbv #	89
39) 1,2-Dichloropropane	7.18	63	855204	7.025	ppbv #	24
80) Naphthalene,2-methyl-	24.99	142	1975	0.045	ppbv	96

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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.00 min

Lab File: VL036702.D

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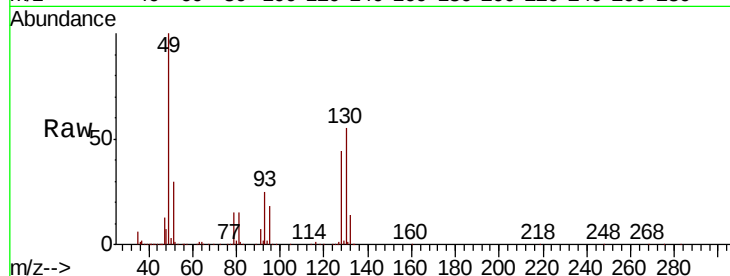
Tot Ion: 49 Resp: 1352229

Ion Ratio Lower Upper

49 100

128 46.5 23.5 70.6

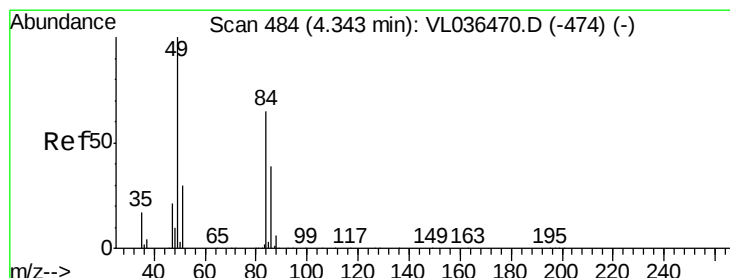
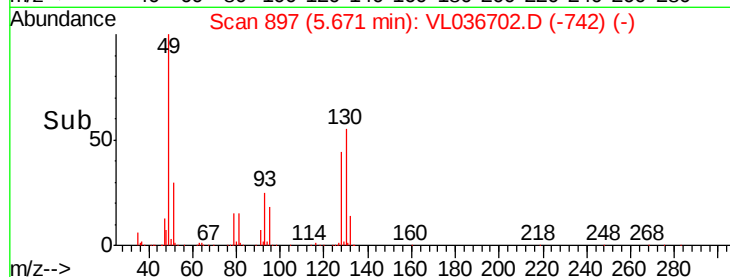
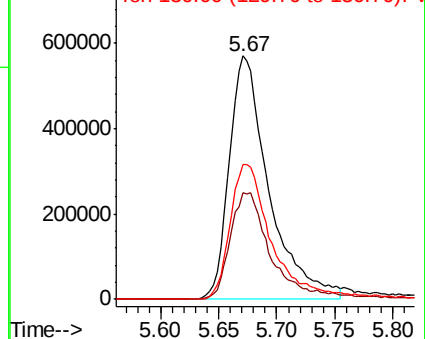
130 60.2 29.1 87.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#20

Methylene Chloride

Concen: 0.139 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.01 min

Lab File: VL036702.D

Acq: 6 Apr 2021 16:35

Tgt Ion: 84 Resp: 8679

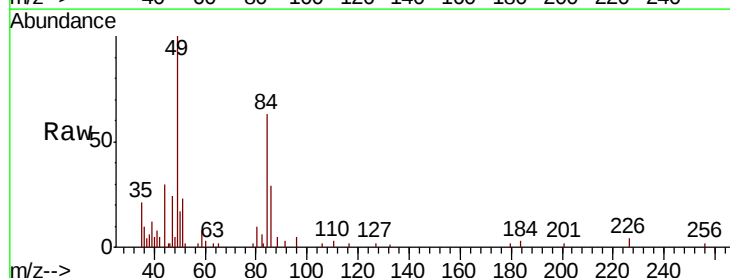
Ion Ratio Lower Upper

84 100

49 159.6 122.9 184.3

51 36.7 36.9 55.3#

86 41.9 48.2 72.4#

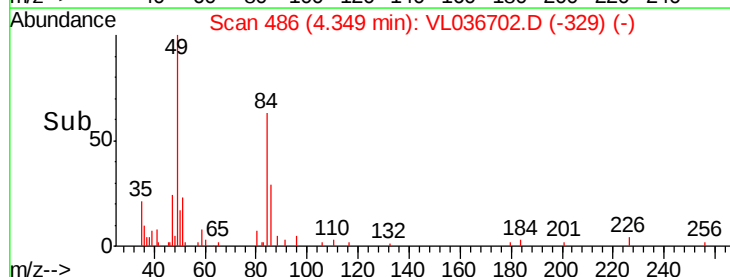
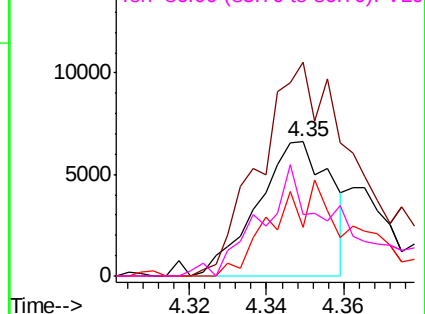


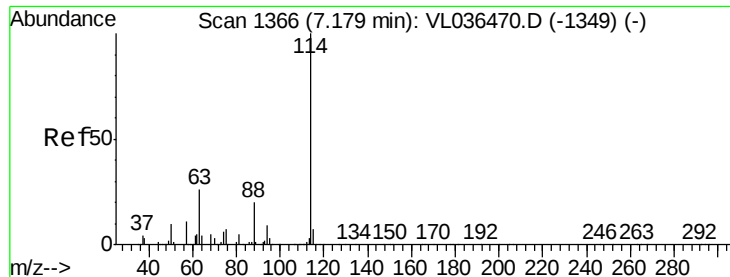
Abundance Ion 84.00 (83.70 to 84.70): VL0

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

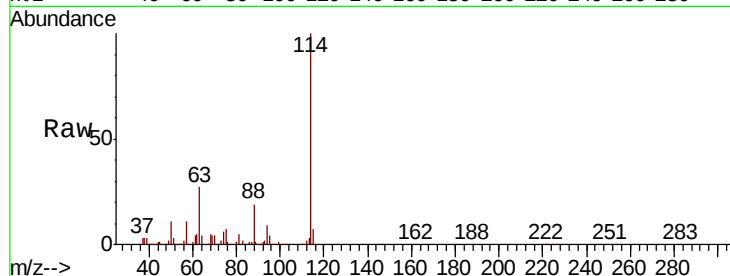




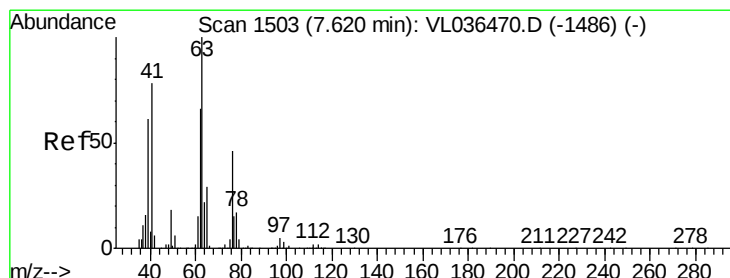
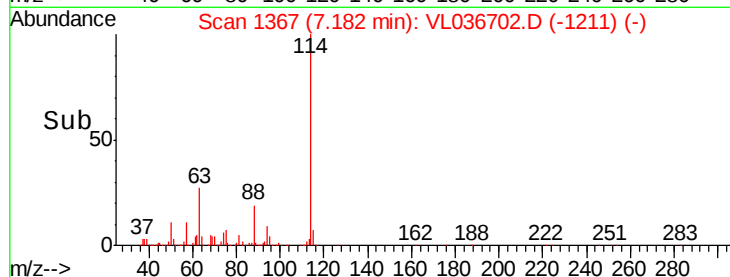
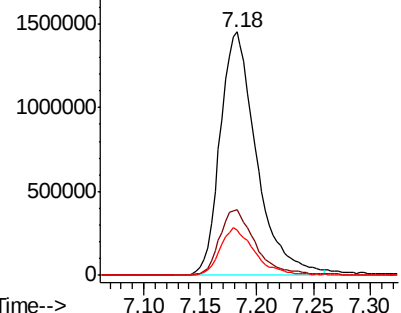
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VL036702.D
 Acq: 6 Apr 2021 16:35

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0406ABL01

Tot Ion:114 Resp: 3253917
 Ion Ratio Lower Upper
 114 100
 63 27.0 22.4 33.6
 88 19.0 15.4 23.0

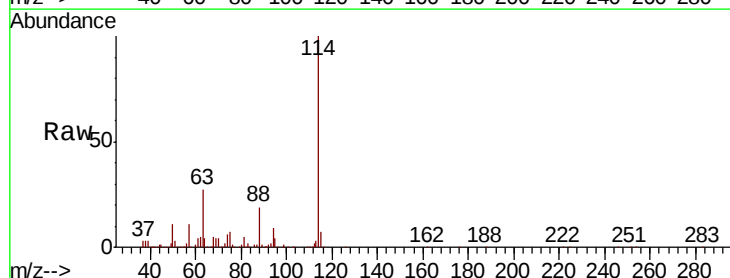


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

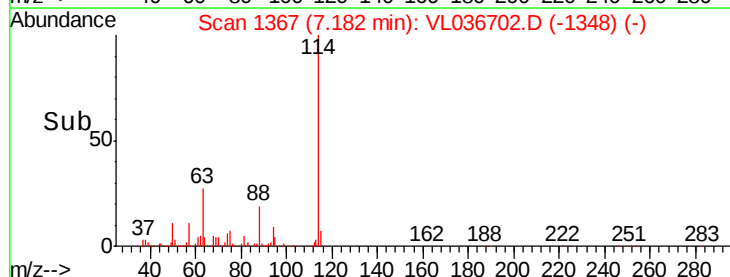
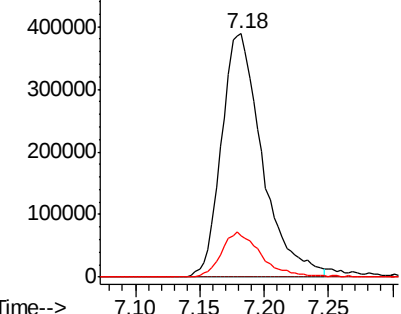


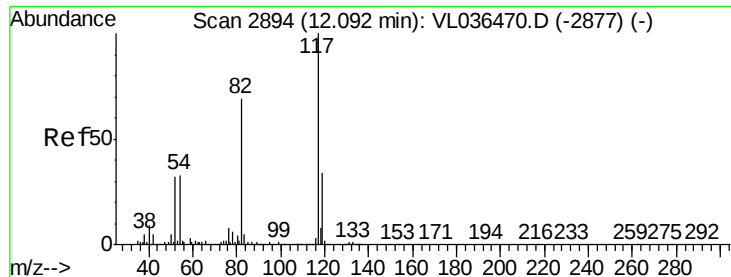
#39
 1,2-Dichloropropane
 Concen: 7.025 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. -0.44 min
 Lab File: VL036702.D
 Acq: 6 Apr 2021 16:35

Tgt Ion: 63 Resp: 855204
 Ion Ratio Lower Upper
 63 100
 41 0.3 62.4 93.6#
 62 17.2 52.8 79.2#



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

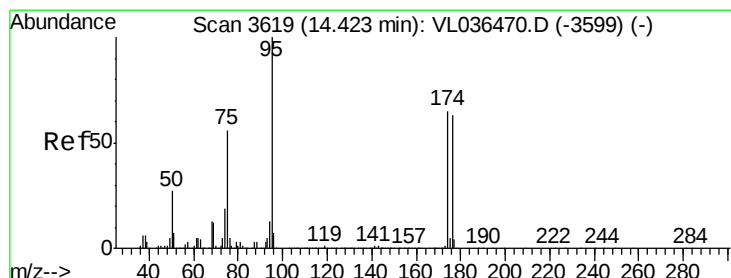
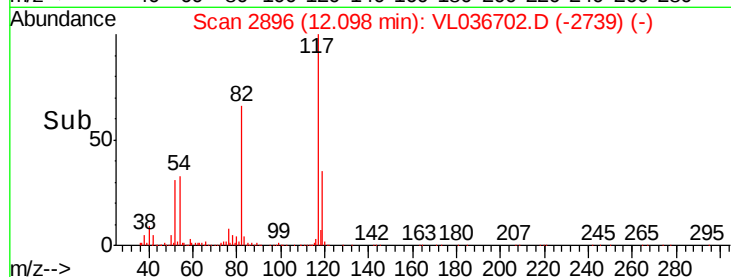
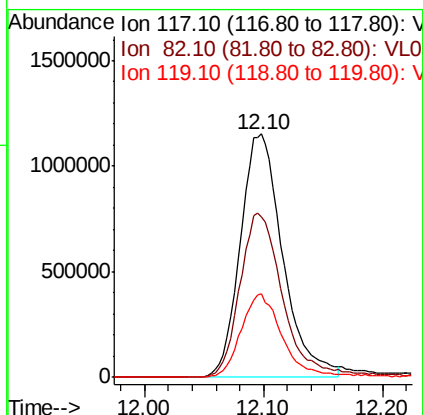
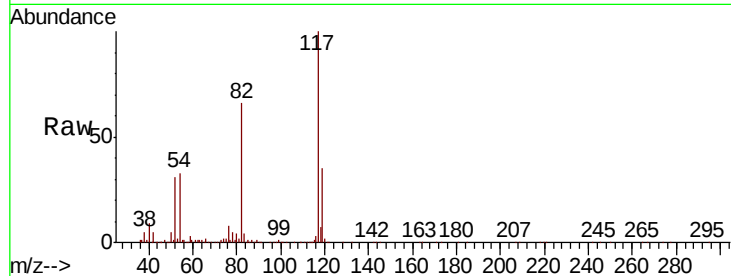




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2896
Delta R.T. 0.01 min
Lab File: VL036702.D
Acq: 6 Apr 2021 16:35

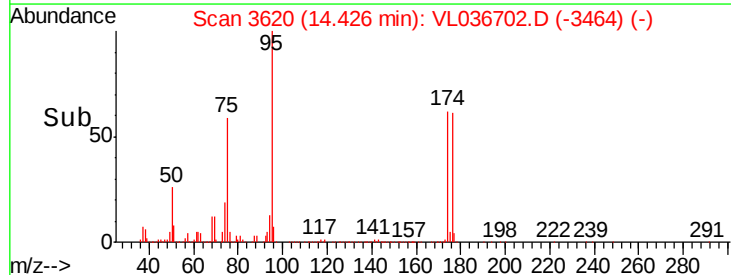
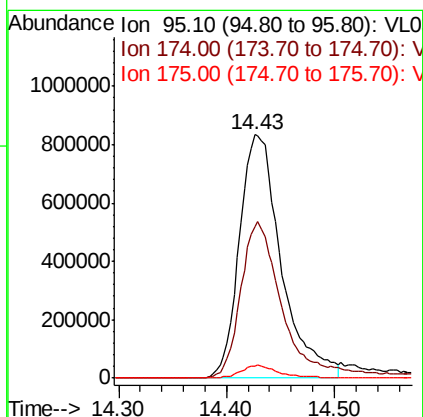
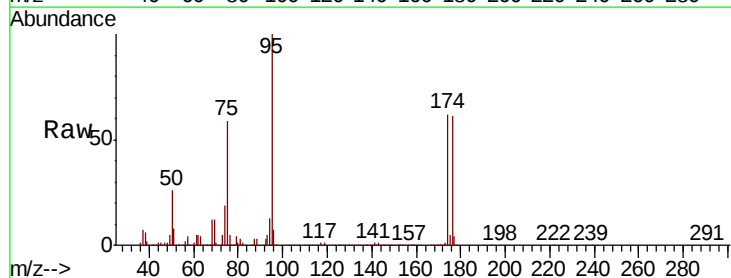
Instrument :
MSVOA_L
ClientSampleId :
VL0406ABL01

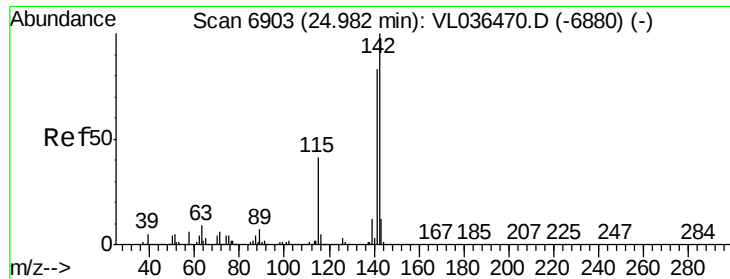
Tot Ion:117 Resp: 2843268
Ion Ratio Lower Upper
117 100
82 70.9 57.4 86.0
119 34.6 47.4 71.0#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.920 ppbv
RT: 14.43 min Scan# 3620
Delta R.T. 0.00 min
Lab File: VL036702.D
Acq: 6 Apr 2021 16:35

Tgt Ion: 95 Resp: 2247995
Ion Ratio Lower Upper
95 100
174 67.4 51.0 76.6
175 5.0 3.9 5.9





#80

Naphthalene,2-methyl-

Concen: 0.045 ppbv

RT: 24.99 min Scan# 6905

Delta R.T. 0.01 min

Lab File: VL036702.D

Acq: 6 Apr 2021 16:35

Instrument :

MSVOA_L

ClientSampleId :

VL0406ABL01

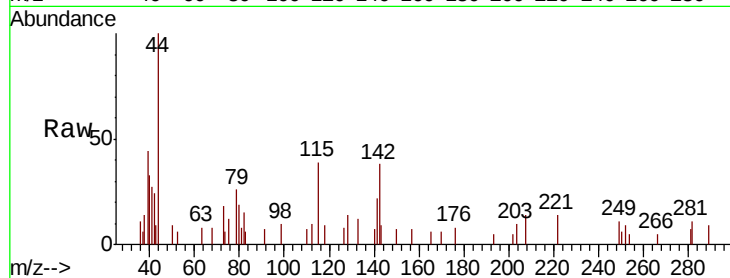
Tot Ion:142 Resp: 1975

Ion Ratio Lower Upper

142 100

141 81.9 67.8 101.8

115 39.8 34.0 51.0



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

