

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061721\
 Data File : VL037206.D
 Acq On : 17 Jun 2021 17:58
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jun 18 01:23:24 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 16 14:06:32 2021
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1465709	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4328655	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3595740	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2711576	9.95	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.50%

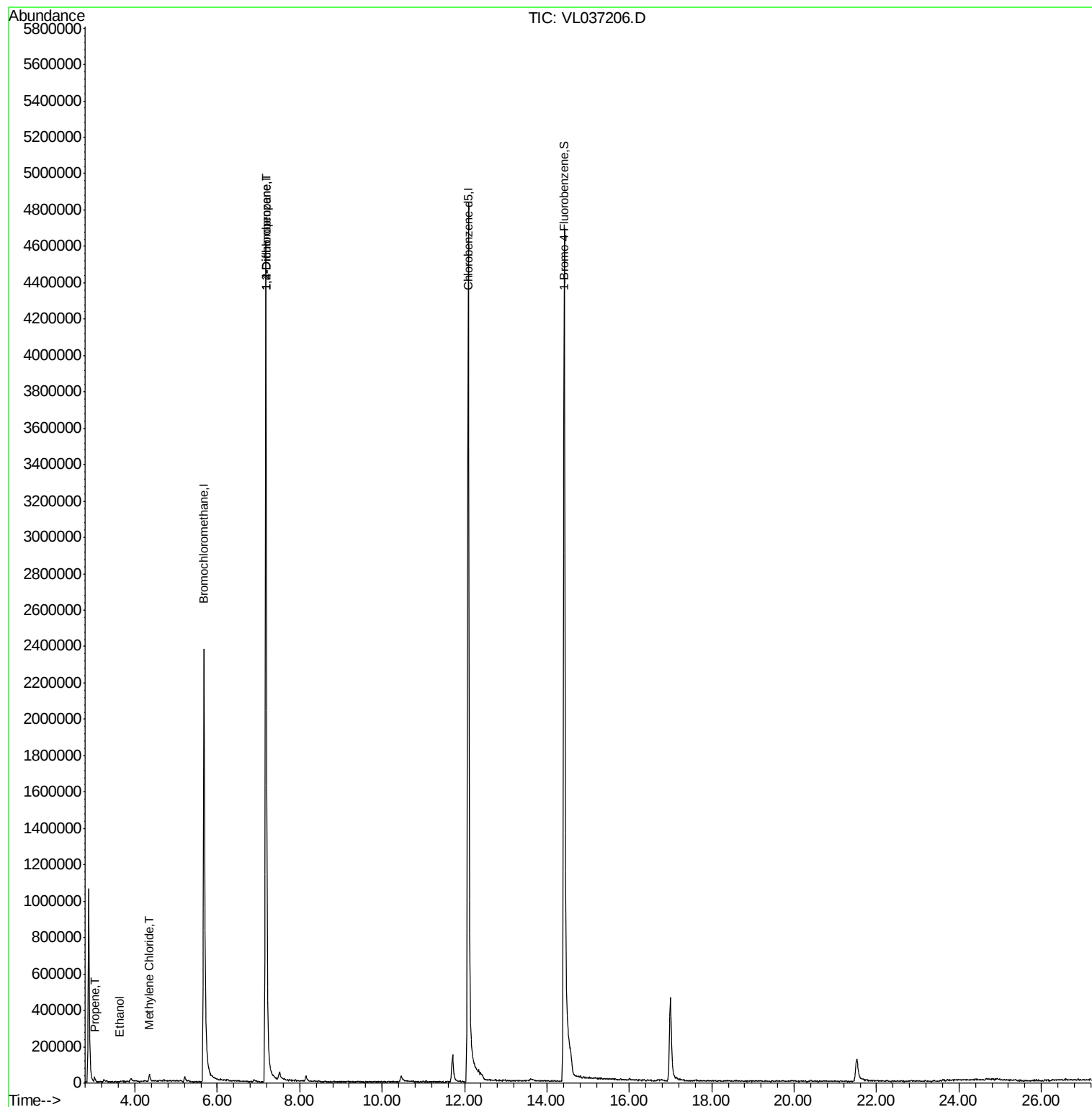
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	5863	0.064	ppbv #	74
13) Ethanol	3.63	45	472	0.033	ppbv #	7
20) Methylene Chloride	4.35	84	6727	0.068	ppbv	93
39) 1,2-Dichloropropane	7.18	63	1027517	7.900	ppbv #	23

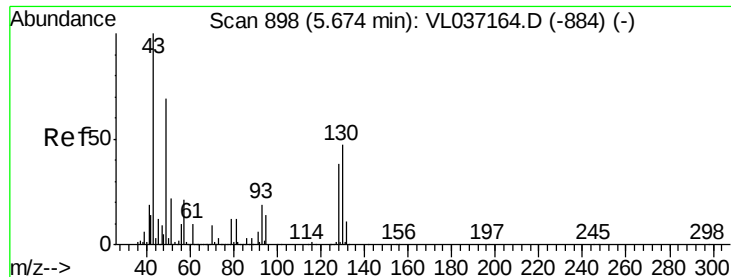
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.00 min

Lab File: VL037206.D

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MSVOA_L

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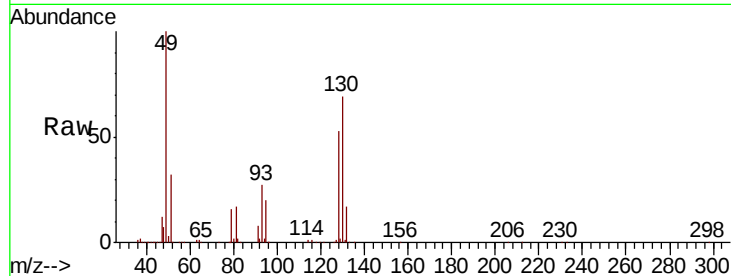
Tot Ion: 49 Resp: 1465709

Ion Ratio Lower Upper

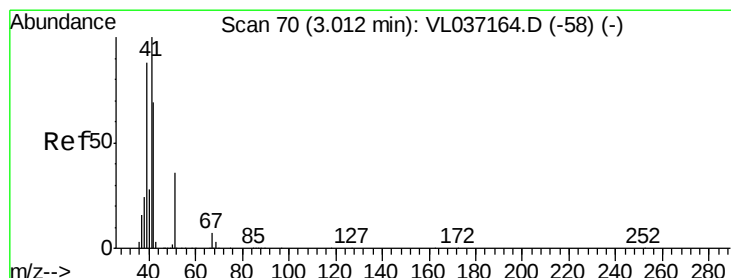
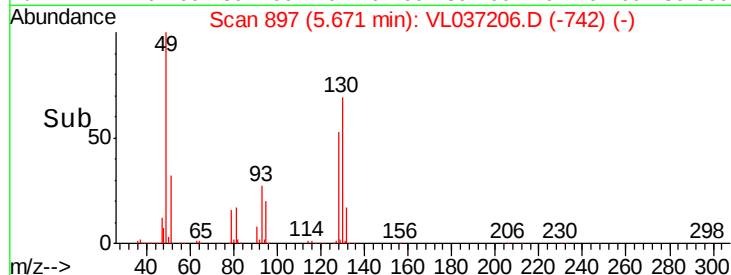
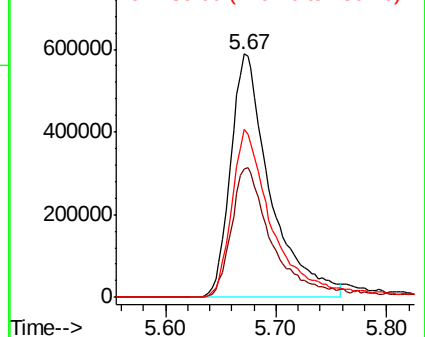
49 100

128 58.2 29.3 88.0

130 73.2 35.9 107.8



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: 0.064 ppbv

RT: 3.02 min Scan# 74

Delta R.T. 0.01 min

Lab File: VL037206.D

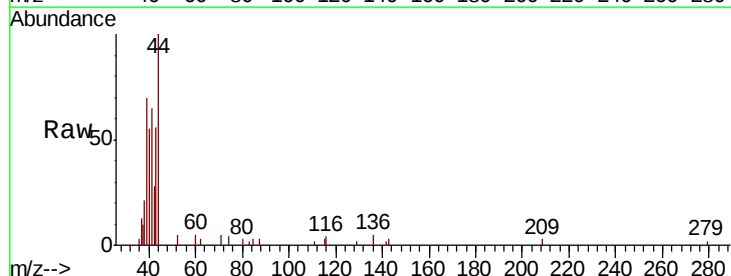
Acq: 17 Jun 2021 17:58

Tgt Ion: 41 Resp: 5863

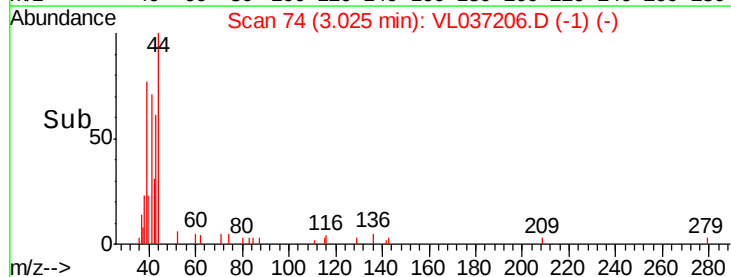
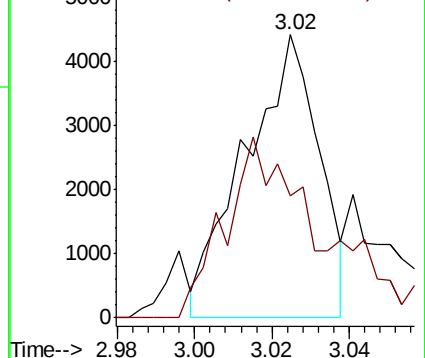
Ion Ratio Lower Upper

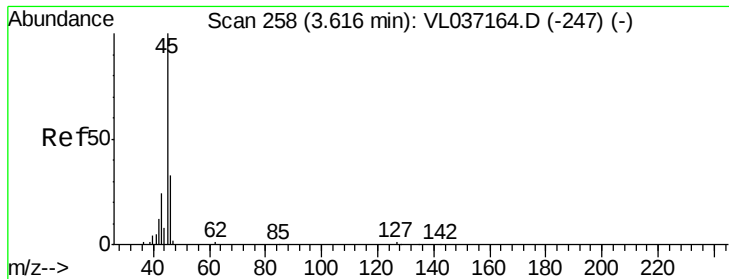
41 100

42 88.9 54.5 81.7#



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 42.10 (41.80 to 42.80): VL0

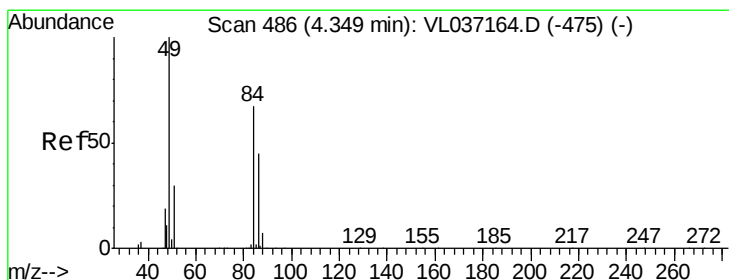
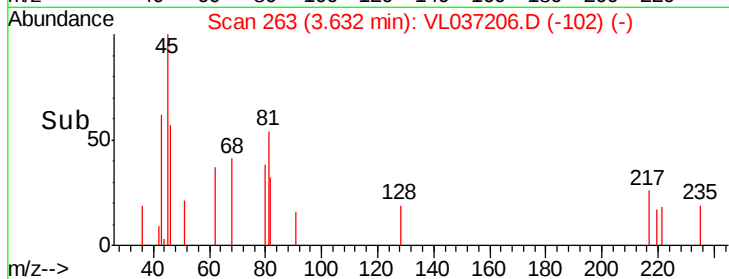
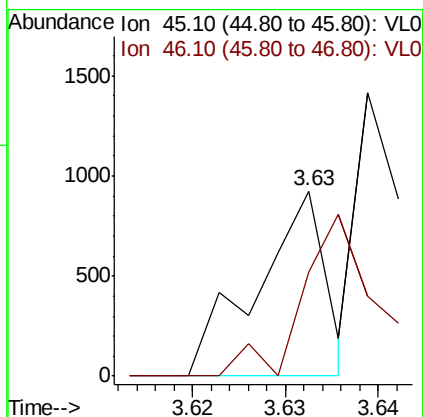
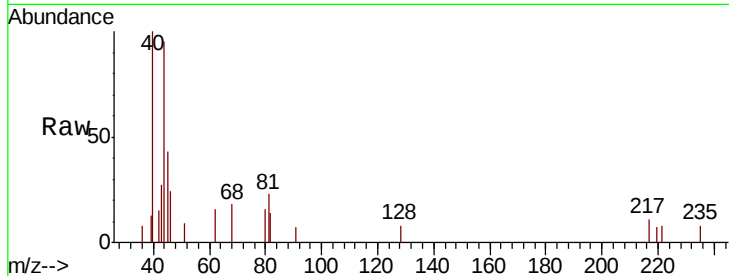




#13
Ethanol
Concen: 0.033 ppbv
RT: 3.63 min Scan# 263
Delta R.T. 0.02 min
Lab File: VL037206.D
Acq: 17 Jun 2021 17:58

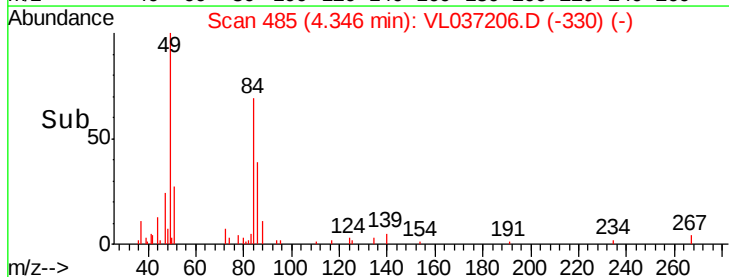
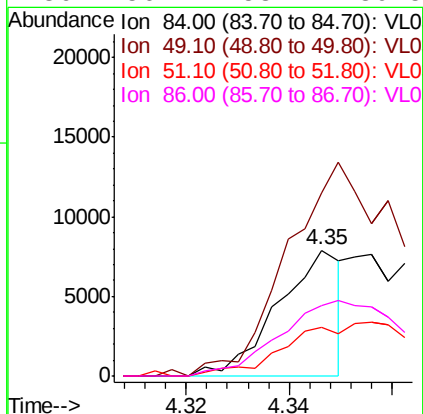
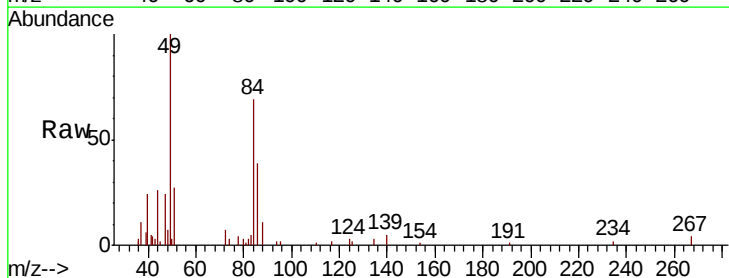
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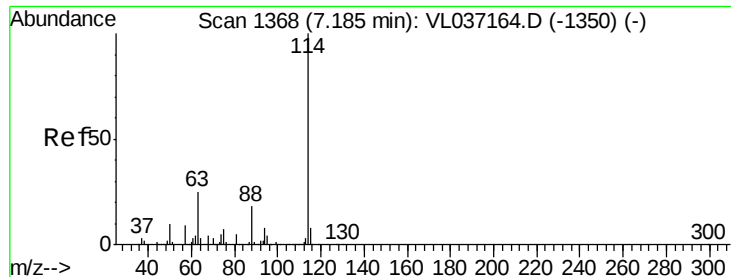
Tot Ion: 45 Resp: 472
Ion Ratio Lower Upper
45 100
46 0.0 34.2 137.0#



#20
Methylene Chloride
Concen: 0.068 ppbv
RT: 4.35 min Scan# 485
Delta R.T. -0.00 min
Lab File: VL037206.D
Acq: 17 Jun 2021 17:58

Tgt Ion: 84 Resp: 6727
Ion Ratio Lower Upper
84 100
49 145.3 119.7 179.5
51 38.7 36.1 54.1
86 56.2 53.7 80.5

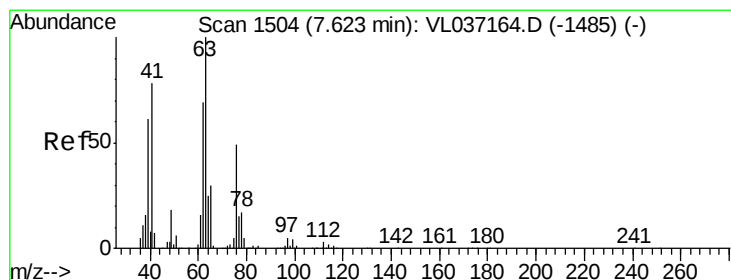
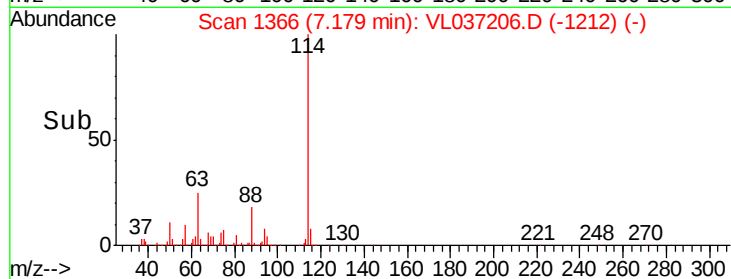
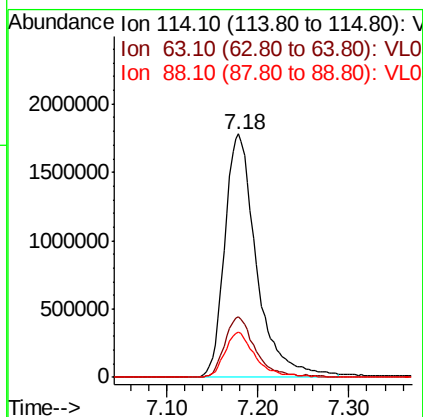
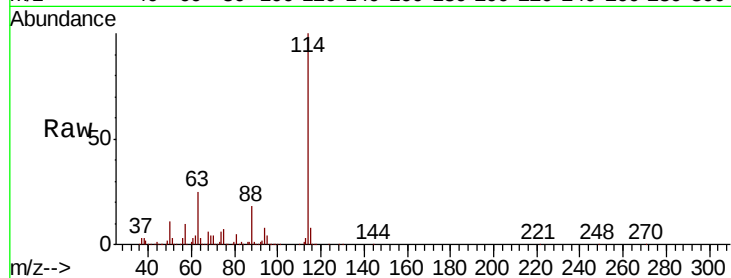




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: VL037206.D
 Acq: 17 Jun 2021 17:58

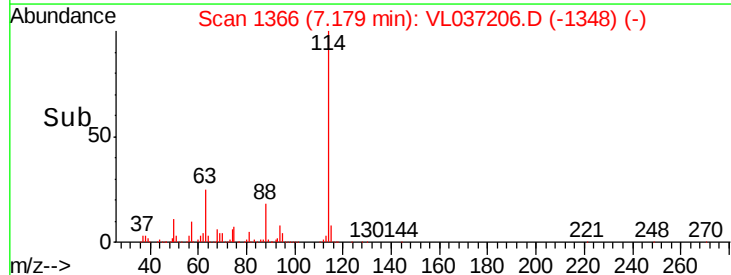
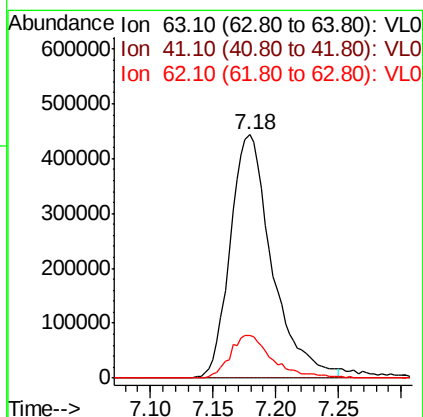
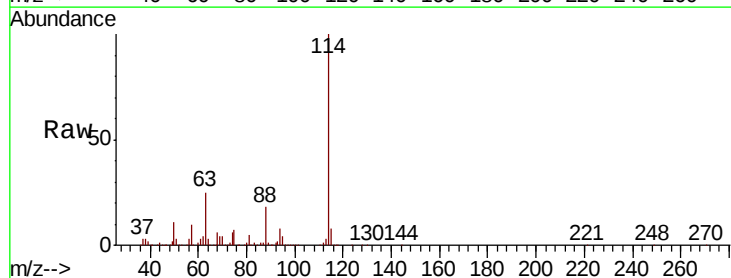
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

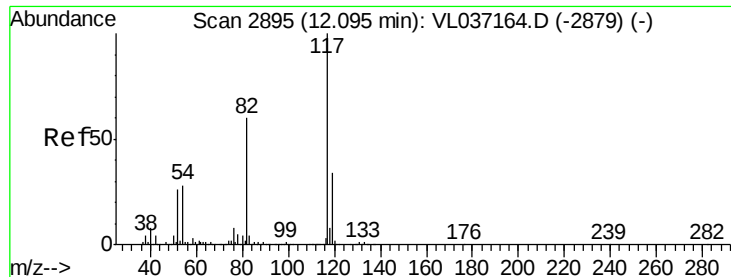
Tot Ion:114 Resp: 4328655
 Ion Ratio Lower Upper
 114 100
 63 24.6 19.6 29.4
 88 17.9 14.2 21.2



#39
 1,2-Dichloropropane
 Concen: 7.900 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. -0.44 min
 Lab File: VL037206.D
 Acq: 17 Jun 2021 17:58

Tgt Ion: 63 Resp: 1027517
 Ion Ratio Lower Upper
 63 100
 41 0.0 62.0 93.0#
 62 17.7 54.9 82.3#

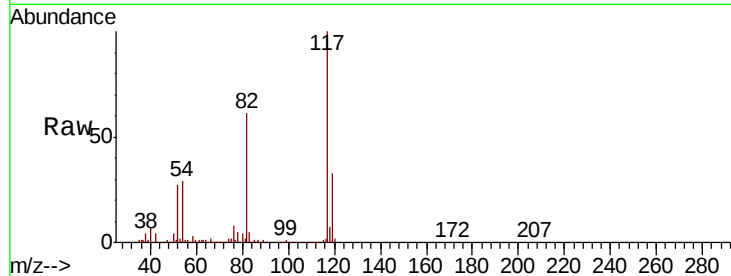




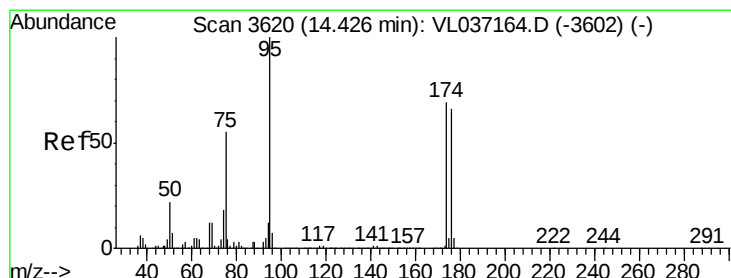
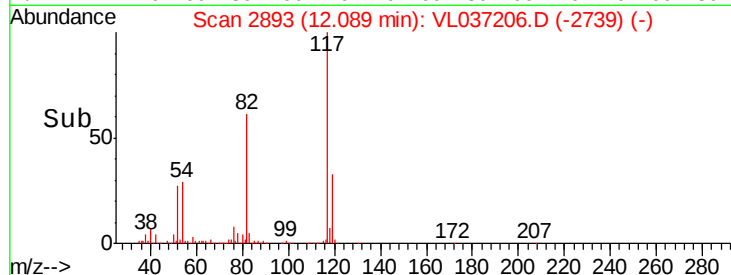
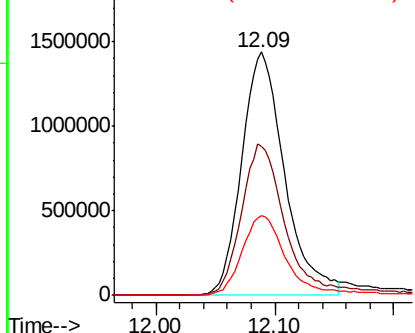
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL037206.D
Acq: 17 Jun 2021 17:58

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion:117 Resp: 3595740
Ion Ratio Lower Upper
117 100
82 66.9 51.7 77.5
119 35.8 47.6 71.4#

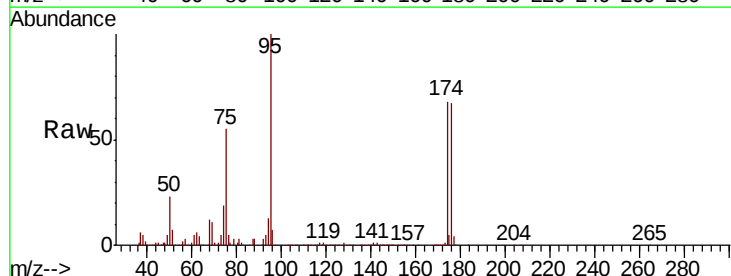


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.952 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL037206.D
Acq: 17 Jun 2021 17:58

Tgt Ion: 95 Resp: 2711576
Ion Ratio Lower Upper
95 100
174 75.4 57.0 85.4
175 5.7 4.4 6.6



Abundance Ion 95.10 (94.80 to 95.80): VL0
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

