

Data File : VL037417.D
Acq On : 12 Aug 2021 16:31
Operator : SY/AP
Sample : VL0812ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0812ABL01

Quant Time: Aug 12 17:06:30 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081221AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 12 15:26:13 2021
QLast Update : Thu Aug 12 15:26:13 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1320257	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4010764	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3352742	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2334986	9.71	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.10%

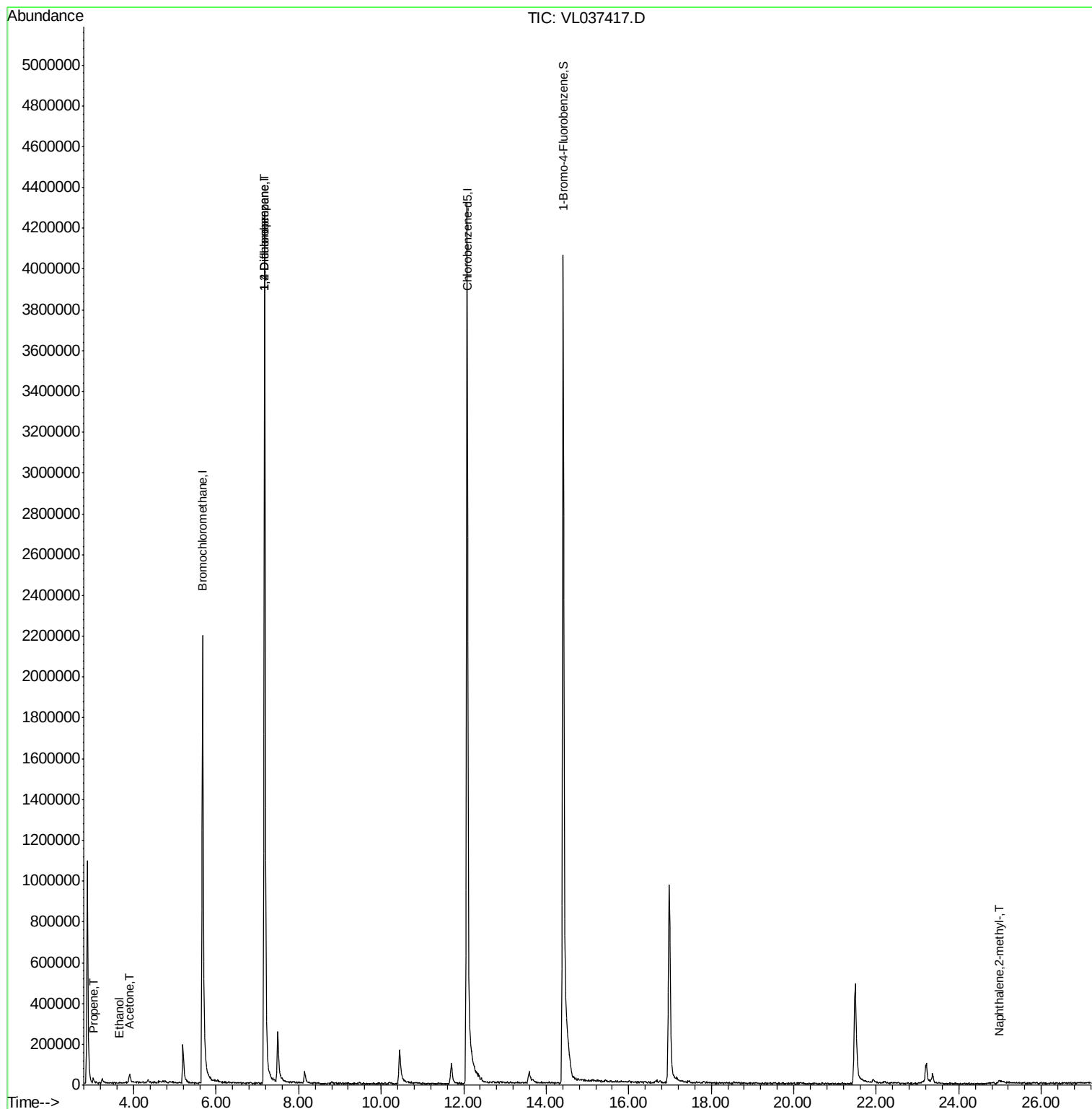
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	4972	0.057	ppbv #	63
13) Ethanol	3.64	45	325	0.035	ppbv #	31
15) Acetone	3.89	43	23336	0.167	ppbv #	1
39) 1,2-Dichloropropane	7.17	63	930133	7.220	ppbv #	27
80) Naphthalene,2-methyl-	24.97	142	15874	0.332	ppbv #	66

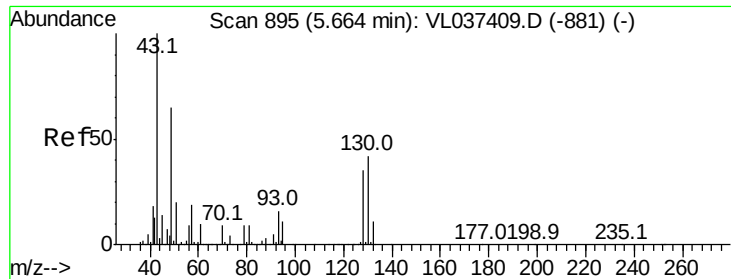
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.00 min

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MSVOA_L

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VL0812ABL01

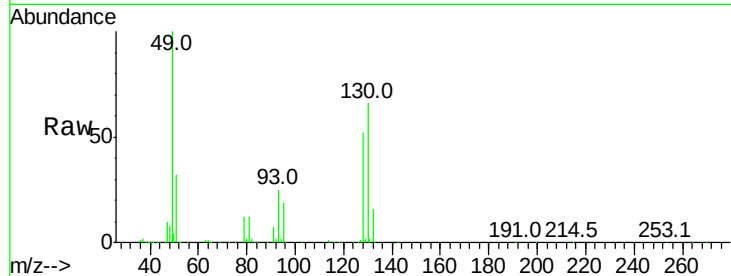
Tgt Ion: 49 Resp: 1320257

Ion Ratio Lower Upper

49 100

128 54.3 27.9 83.6

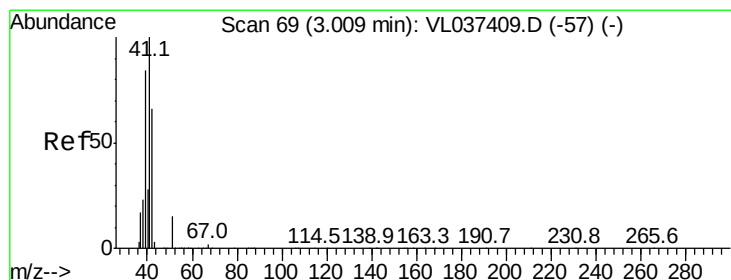
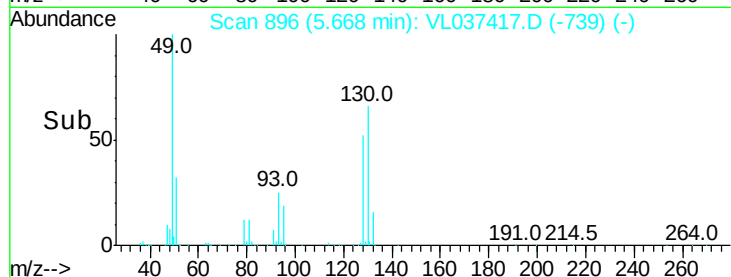
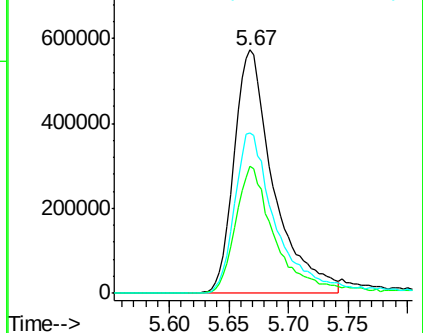
130 72.5 34.6 103.8



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



#9

Propene

Concen: 0.057 ppbv

RT: 3.02 min Scan# 73

Delta R.T. 0.01 min

Lab File: VL037417.D

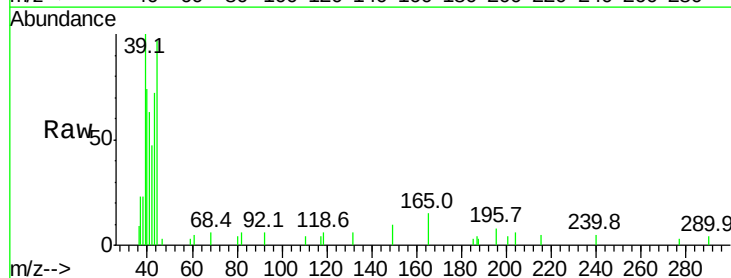
Acq: 12 Aug 2021 16:31

Tgt Ion: 41 Resp: 4972

Ion Ratio Lower Upper

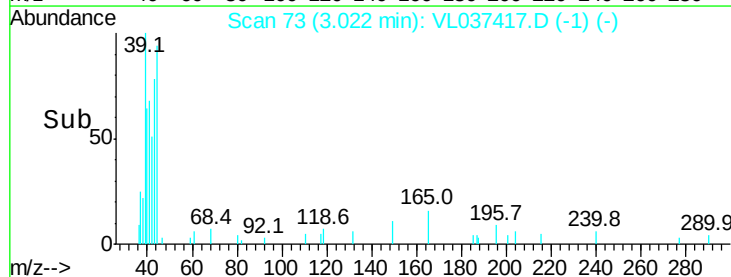
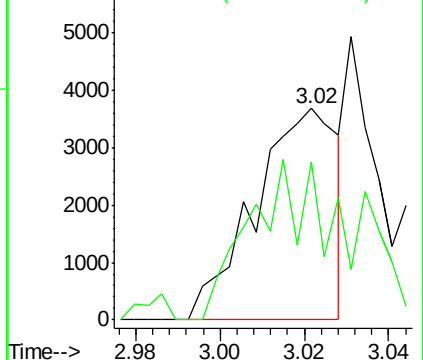
41 100

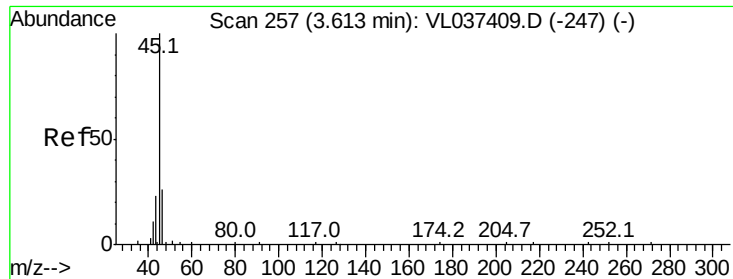
42 97.1 53.8 80.8#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

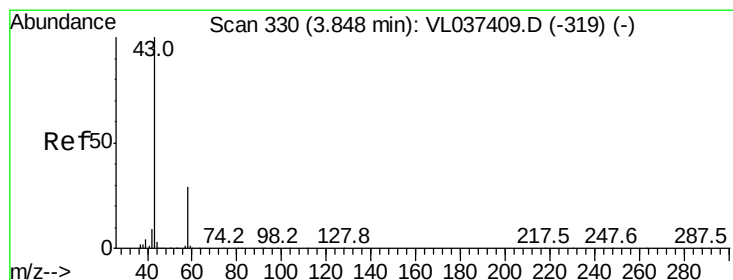
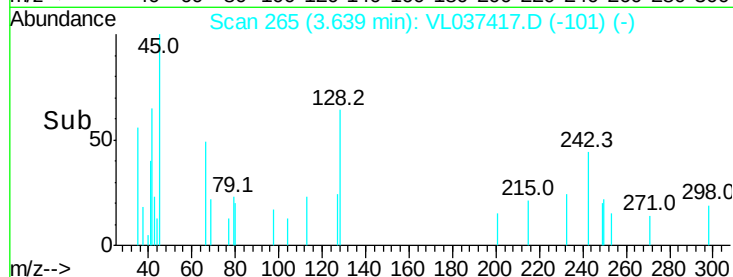
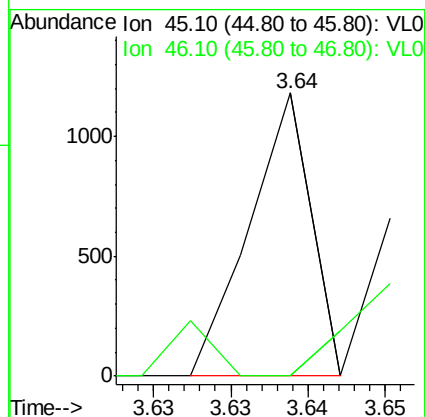
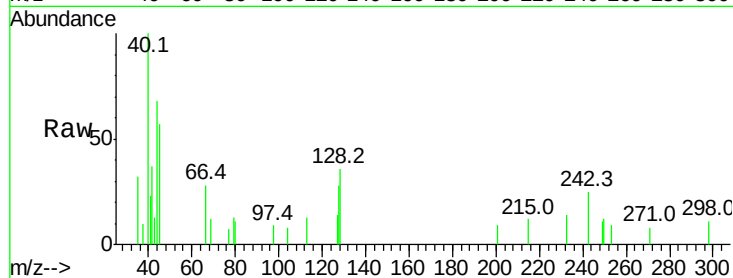




#13
Ethanol
Concen: 0.035 ppbv
RT: 3.64 min Scan# 265
Delta R.T. 0.03 min
Lab File: VL037417.D
Acq: 12 Aug 2021 16:31

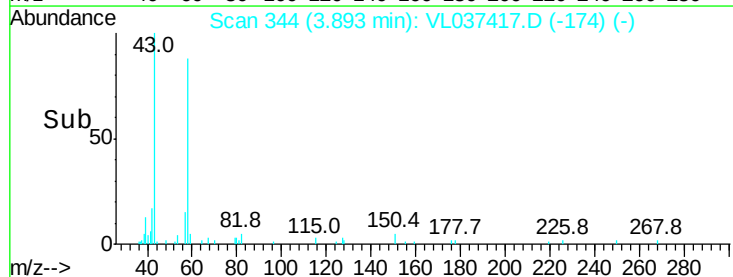
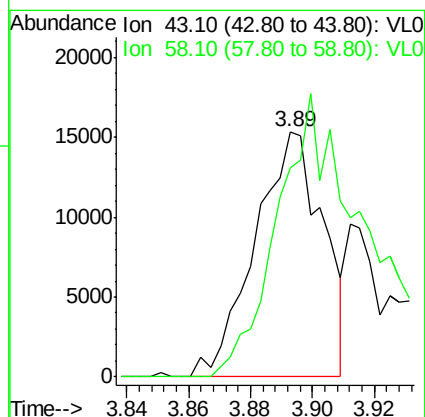
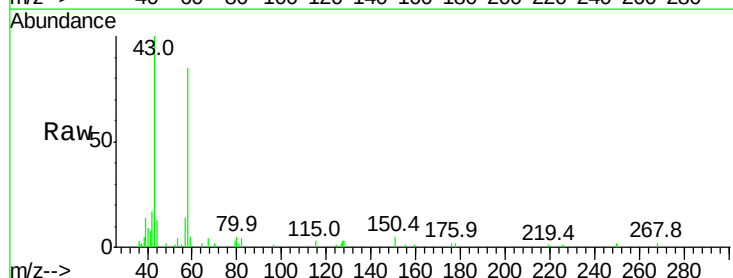
Instrument :
MSVOA_L
ClientSampleId :
VL0812ABL01

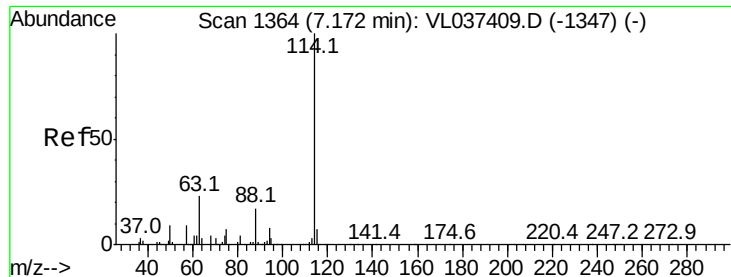
Tgt Ion: 45 Resp: 325
Ion Ratio Lower Upper
45 100
46 0.0 18.0 72.2#



#15
Acetone
Concen: 0.167 ppbv
RT: 3.89 min Scan# 344
Delta R.T. 0.05 min
Lab File: VL037417.D
Acq: 12 Aug 2021 16:31

Tgt Ion: 43 Resp: 23336
Ion Ratio Lower Upper
43 100
58 178.1 24.4 36.6#

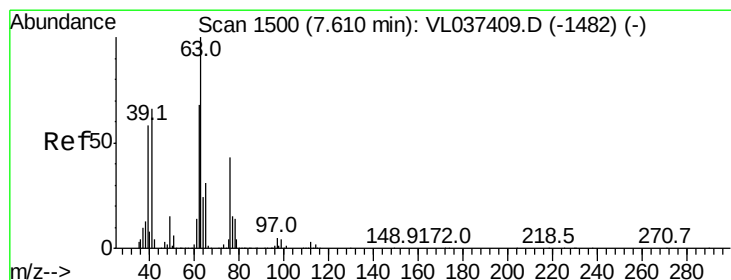
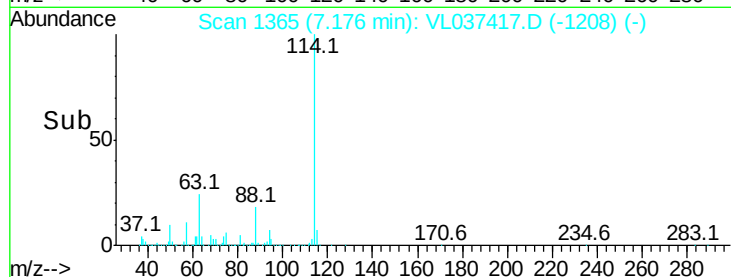
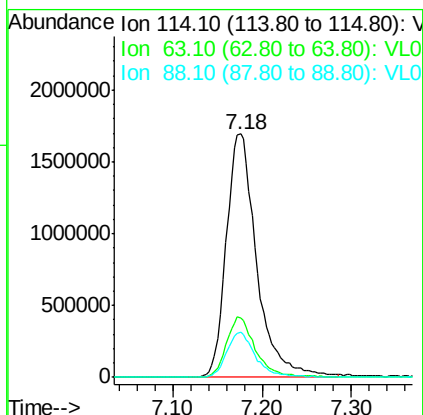
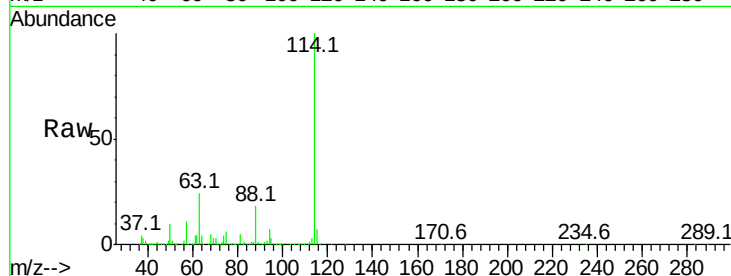




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VL037417.D
 Acq: 12 Aug 2021 16:31

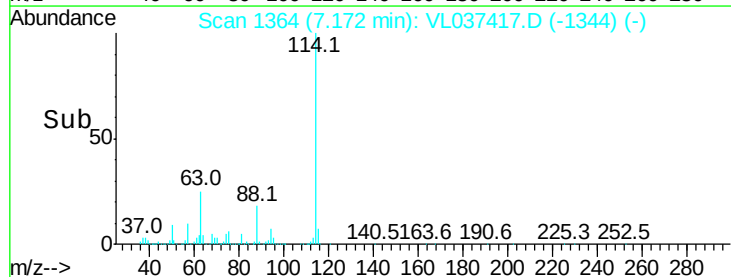
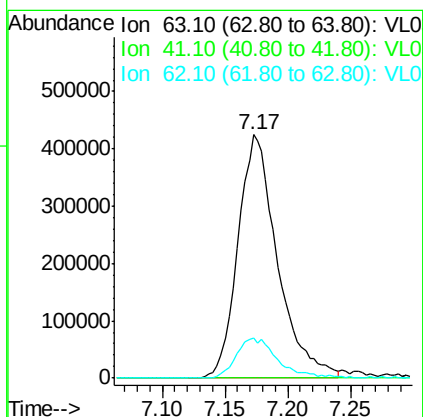
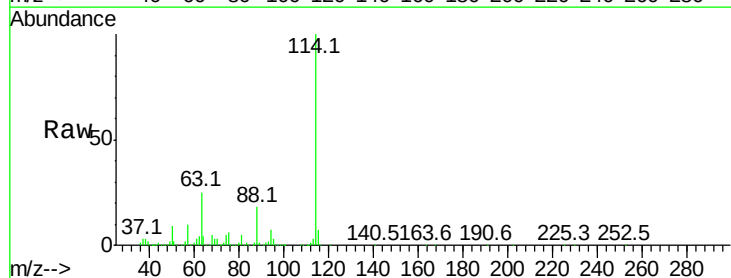
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0812ABL01

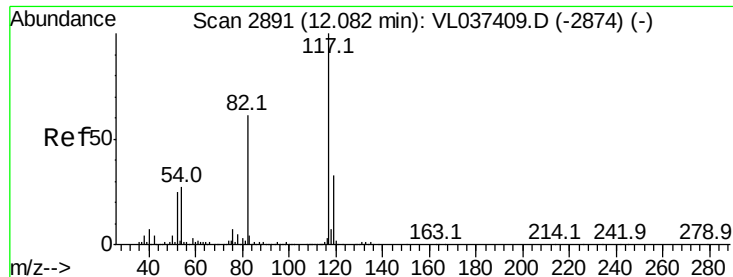
Tgt Ion:114 Resp: 4010764
 Ion Ratio Lower Upper
 114 100
 63 23.9 19.4 29.2
 88 17.9 14.2 21.4



#39
 1,2-Dichloropropane
 Concen: 7.220 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.44 min
 Lab File: VL037417.D
 Acq: 12 Aug 2021 16:31

Tgt Ion: 63 Resp: 930133
 Ion Ratio Lower Upper
 63 100
 41 0.1 53.0 79.6#
 62 16.4 54.5 81.7#

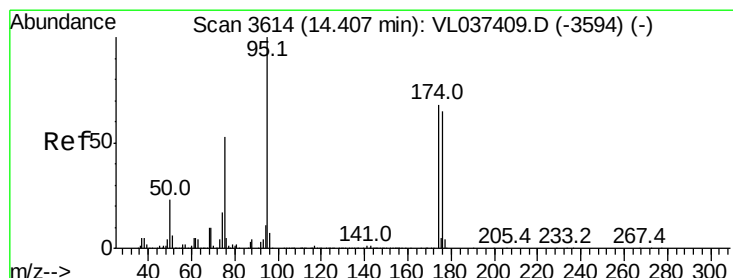
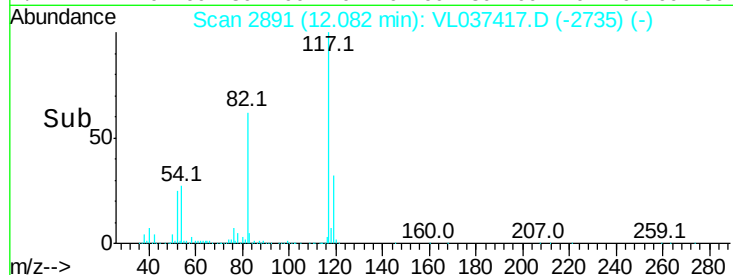
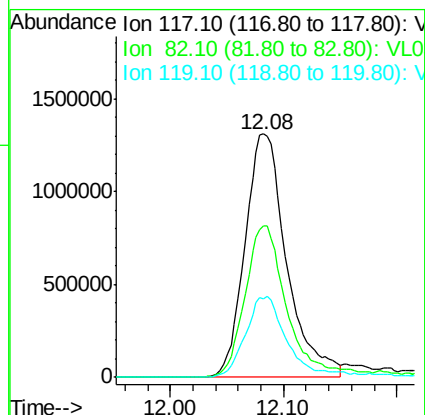
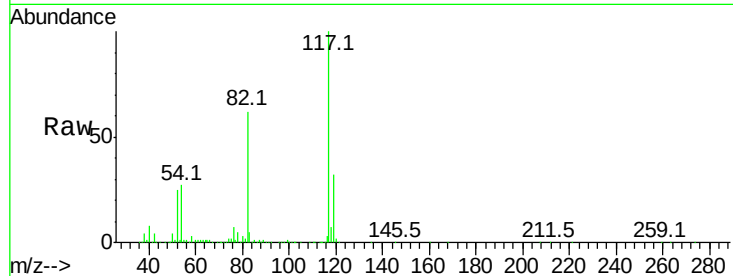




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2891
Delta R.T. 0.00 min
Lab File: VL037417.D
Acq: 12 Aug 2021 16:31

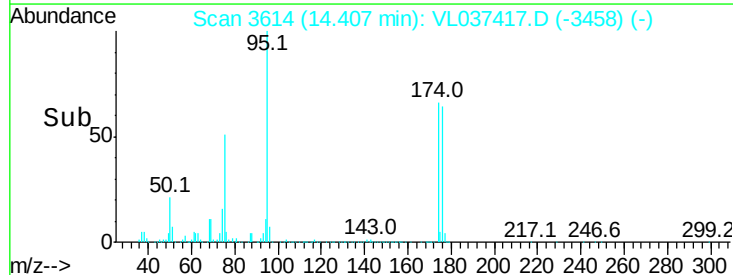
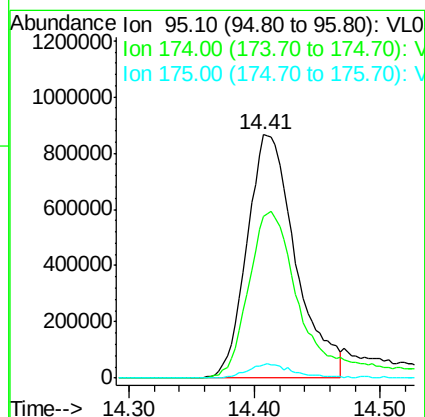
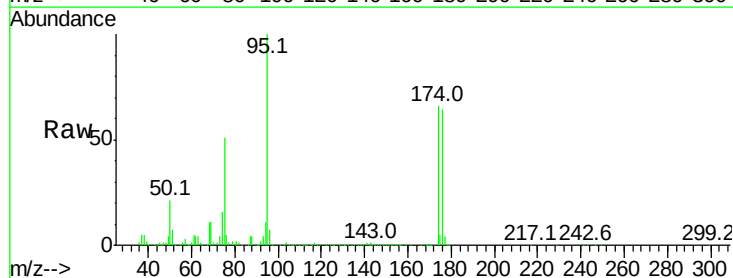
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ClientSampleId :
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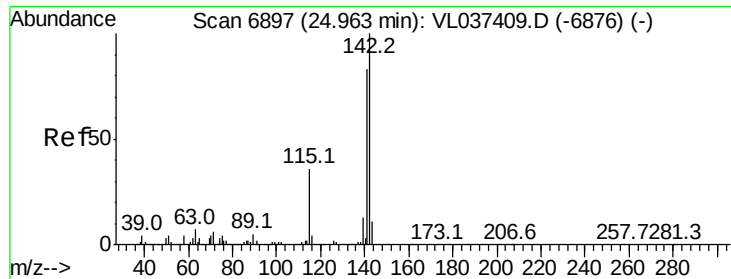
Tgt Ion:117 Resp: 3352742
Ion Ratio Lower Upper
117 100
82 66.9 53.1 79.7
119 34.4 28.0 42.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.709 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. 0.00 min
Lab File: VL037417.D
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Tgt Ion: 95 Resp: 2334986
Ion Ratio Lower Upper
95 100
174 78.8 59.6 89.4
175 6.0 4.3 6.5





#80
 Naphthalene, 2-methyl-
 Concen: 0.332 ppbv
 RT: 24.97 min Scan# 6900
 Delta R.T. 0.01 min
 Lab File: VL037417.D
 Acq: 12 Aug 2021 16:31

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0812ABL01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	68.9	68.7	103.1
115	0.0	32.7	49.1#

