

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051420\
 Data File : VL035038.D
 Acq On : 15 May 2020 9:21
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: May 15 23:37:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 06 14:49:39 2020
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1140254	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	2602129	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	2411866	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2022869	10.36	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.60%

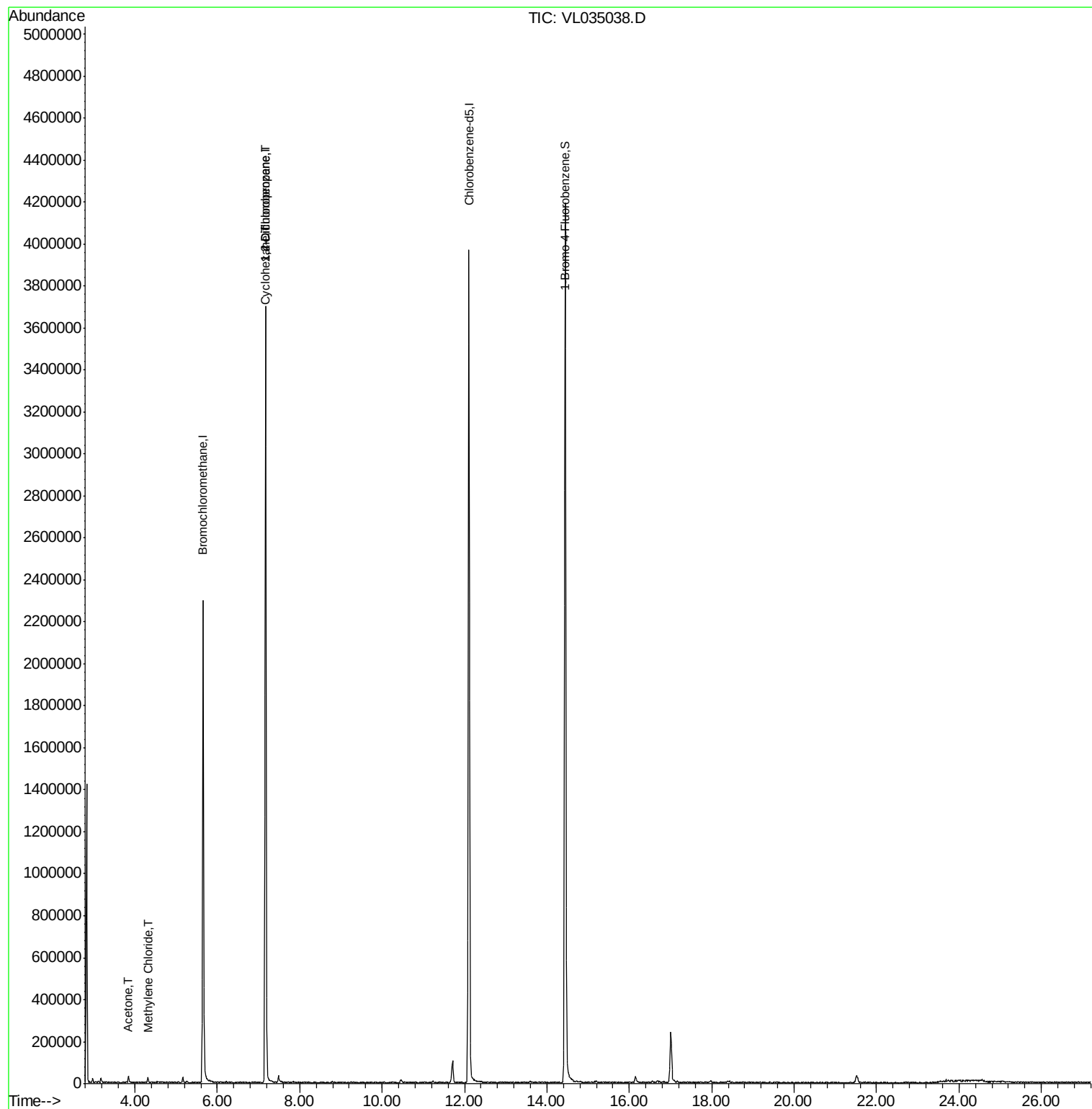
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	23243	0.154	ppbv #	63
20) Methylene Chloride	4.31	84	4236	0.085	ppbv #	76
30) Cyclohexane	7.16	84	3694	0.044	ppbv #	1
39) 1,2-Dichloropropane	7.17	63	705360	8.202	ppbv #	26

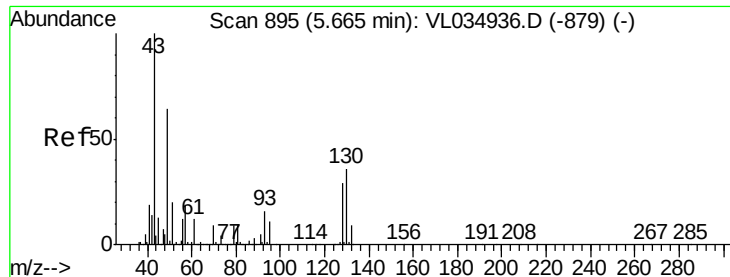
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.01 min

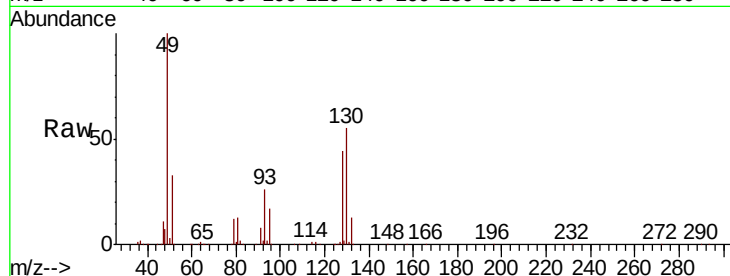
Lab File: VL035038.D

Acq: 15 May 2020 9:21

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 49 Resp: 1140254

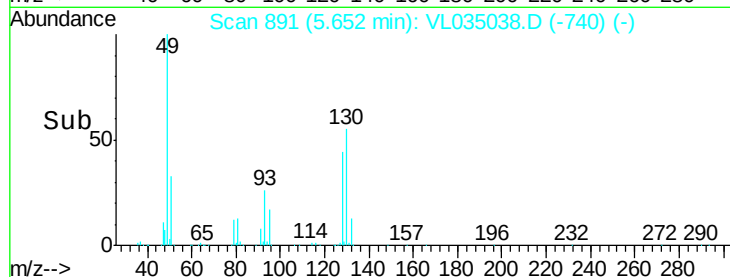
Ion	Ratio	Lower	Upper
49	100		
128	44.8	22.1	66.5
130	57.0	29.1	87.3



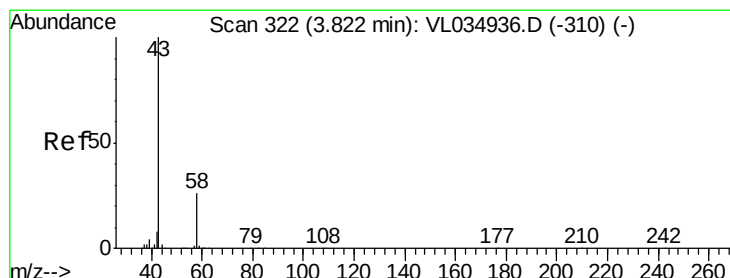
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



Time-->



#15

Acetone

Concen: 0.154 ppbv

RT: 3.84 min Scan# 329

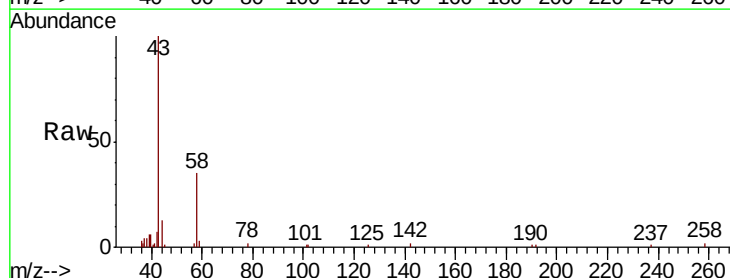
Delta R.T. 0.02 min

Lab File: VL035038.D

Acq: 15 May 2020 9:21

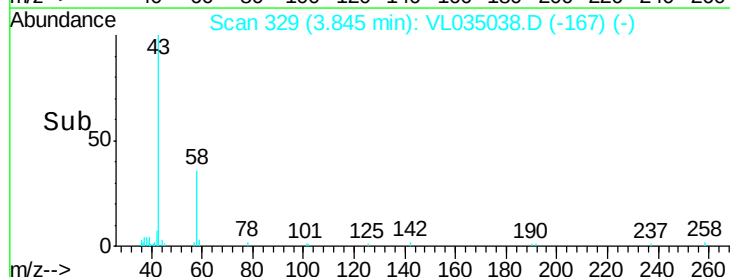
Tgt Ion: 43 Resp: 23243

Ion	Ratio	Lower	Upper
43	100		
58	46.4	21.7	32.5

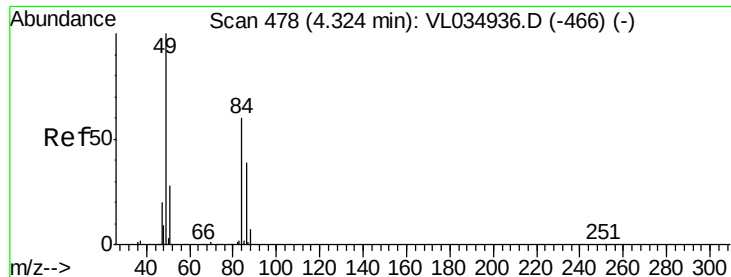


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



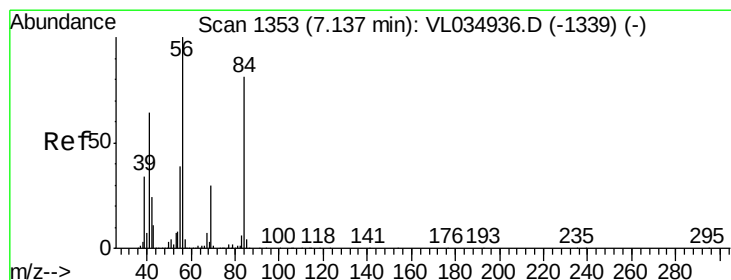
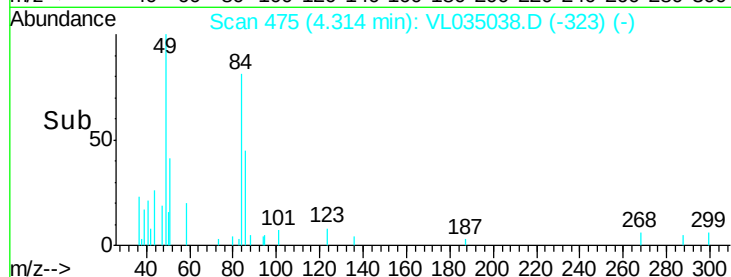
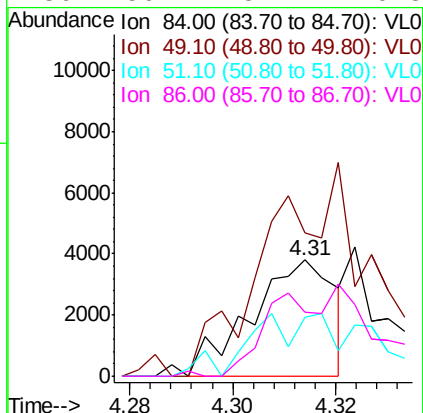
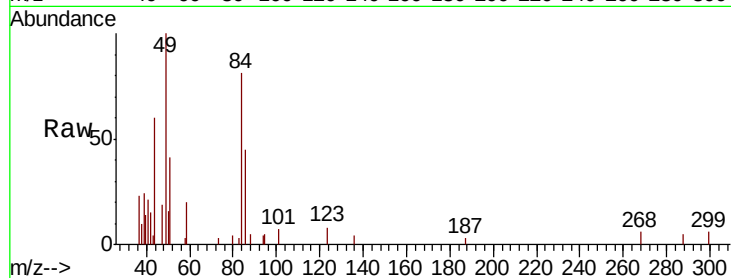
Time-->



#20
Methylene Chloride
Concen: 0.085 ppbv
RT: 4.31 min Scan# 475
Delta R.T. -0.01 min
Lab File: VL035038.D
Acq: 15 May 2020 9:21

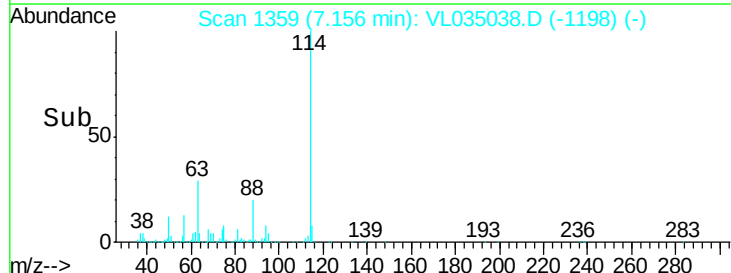
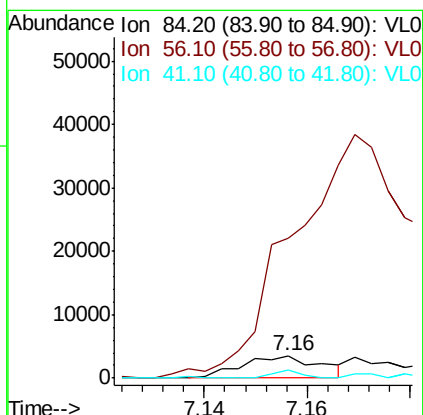
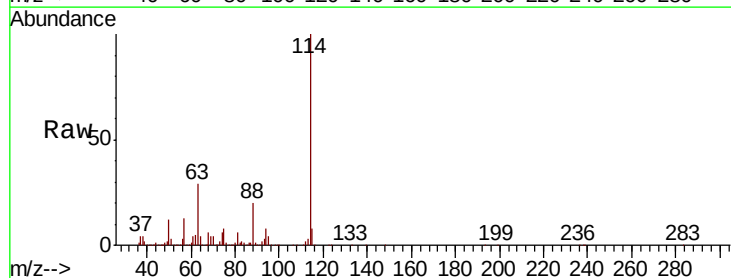
Instrument :
MSVOA_L
ClientSampleId :

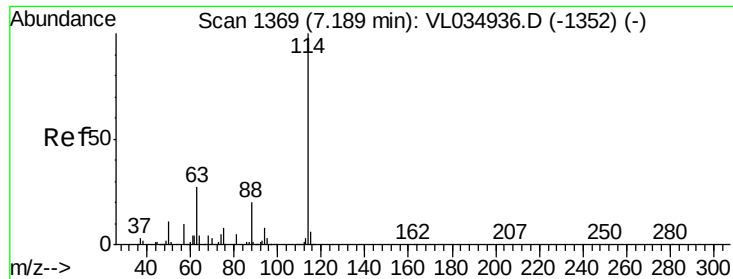
Tot Ion: 84 Resp: 4236
Ion Ratio Lower Upper
84 100
49 122.8 132.5 198.7#
51 44.0 38.4 57.6
86 50.4 51.2 76.8#



#30
Cyclohexane
Concen: 0.044 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. 0.02 min
Lab File: VL035038.D
Acq: 15 May 2020 9:21

Tgt Ion: 84 Resp: 3694
Ion Ratio Lower Upper
84 100
56 0.0 111.4 167.2#
41 13.7 66.7 100.1#

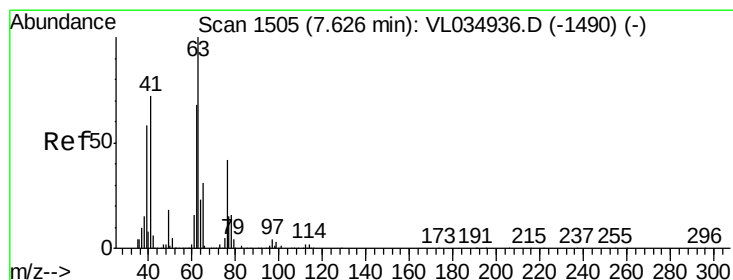
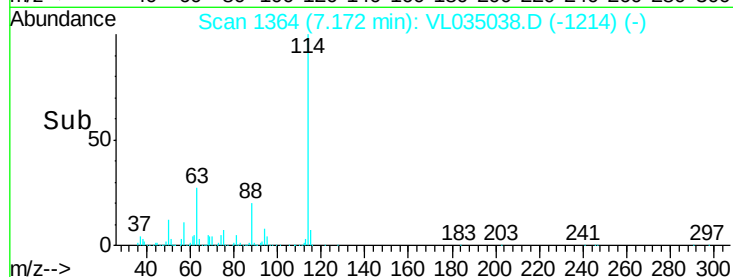
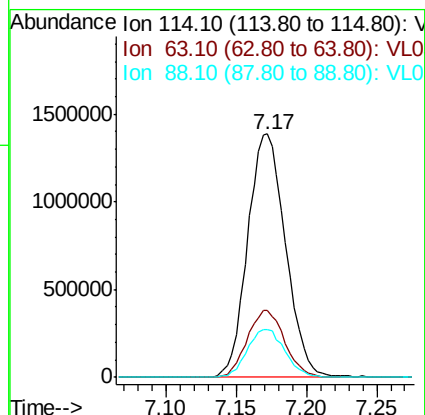
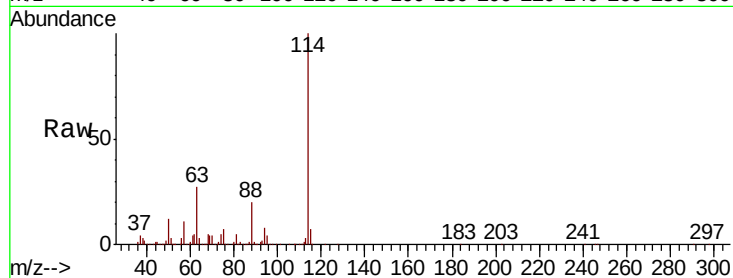




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.02 min
 Lab File: VL035038.D
 Acq: 15 May 2020 9:21

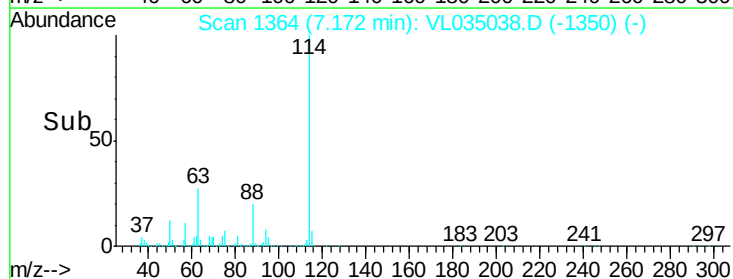
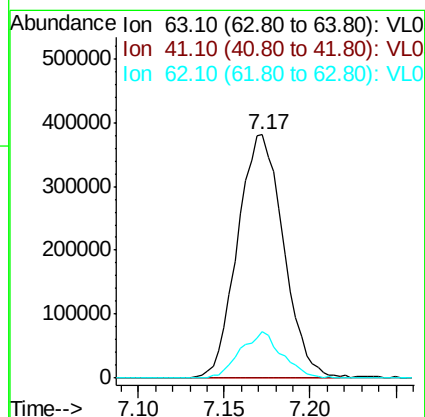
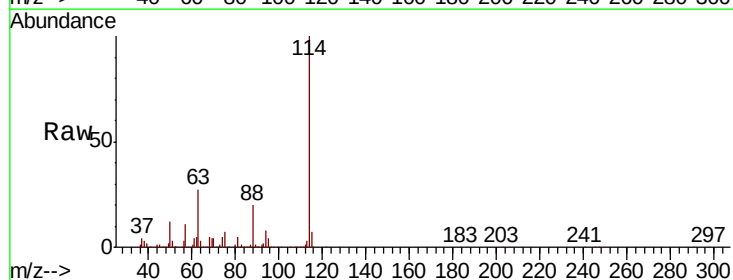
Instrument :
 MSVOA_L
 ClientSampleId :

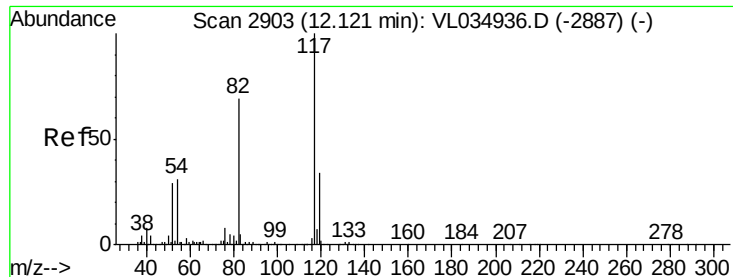
Tot Ion:114 Resp: 2602129
 Ion Ratio Lower Upper
 114 100
 63 27.4 22.2 33.4
 88 19.7 15.5 23.3



#39
 1,2-Dichloropropane
 Concen: 8.202 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.45 min
 Lab File: VL035038.D
 Acq: 15 May 2020 9:21

Tgt Ion: 63 Resp: 705360
 Ion Ratio Lower Upper
 63 100
 41 0.2 57.8 86.8#
 62 18.9 54.2 81.2#

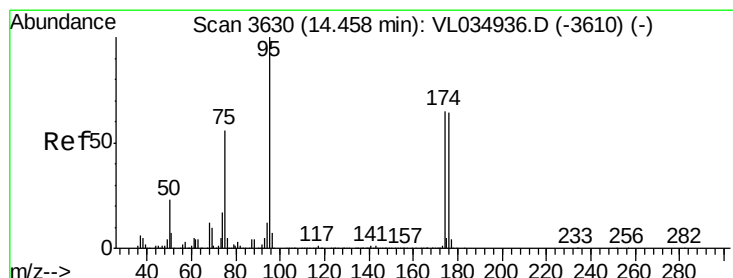
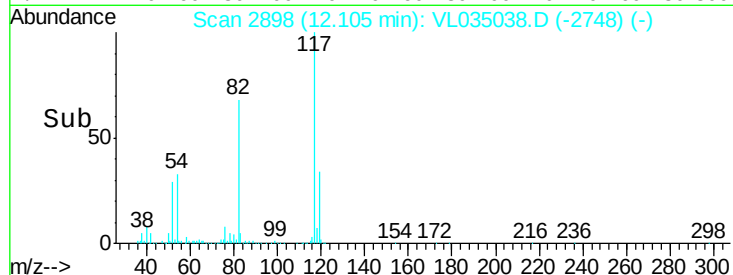
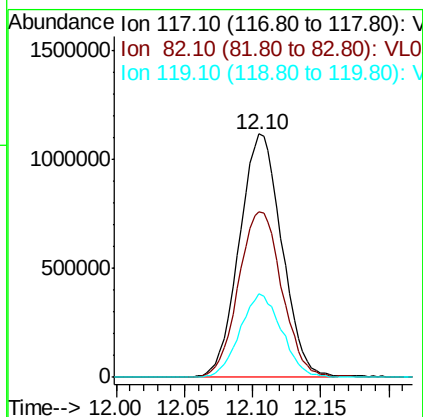
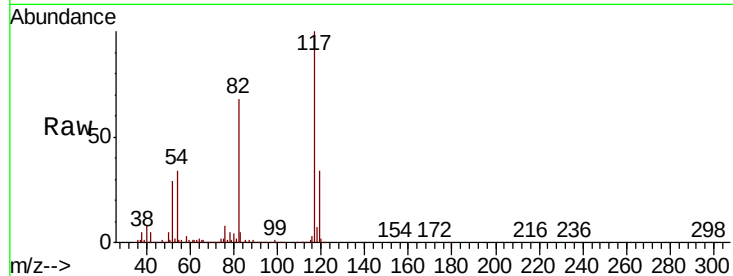




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.02 min
Lab File: VL035038.D
Acq: 15 May 2020 9:21

Instrument :
MSVOA_L
ClientSampled :

Tot Ion:117 Resp: 2411866
Ion Ratio Lower Upper
117 100
82 70.1 53.1 79.7
119 33.8 26.7 40.1



#68
1-Bromo-4-Fluorobenzene
Concen: 10.362 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.02 min
Lab File: VL035038.D
Acq: 15 May 2020 9:21

Tgt Ion: 95 Resp: 2022869
Ion Ratio Lower Upper
95 100
174 65.6 51.5 77.3
175 5.1 3.8 5.8

