

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012021\
 Data File : VL036257.D
 Acq On : 20 Jan 2021 22:02
 Operator : SY/AP
 Sample : OC010421 CAN 10334
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC010421 CAN 10334

Quant Time: Jan 21 01:36:49 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
 QLast Update : Thu Jan 14 16:13:38 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1370920	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2957559	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2696819	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2259658	10.12	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.20%

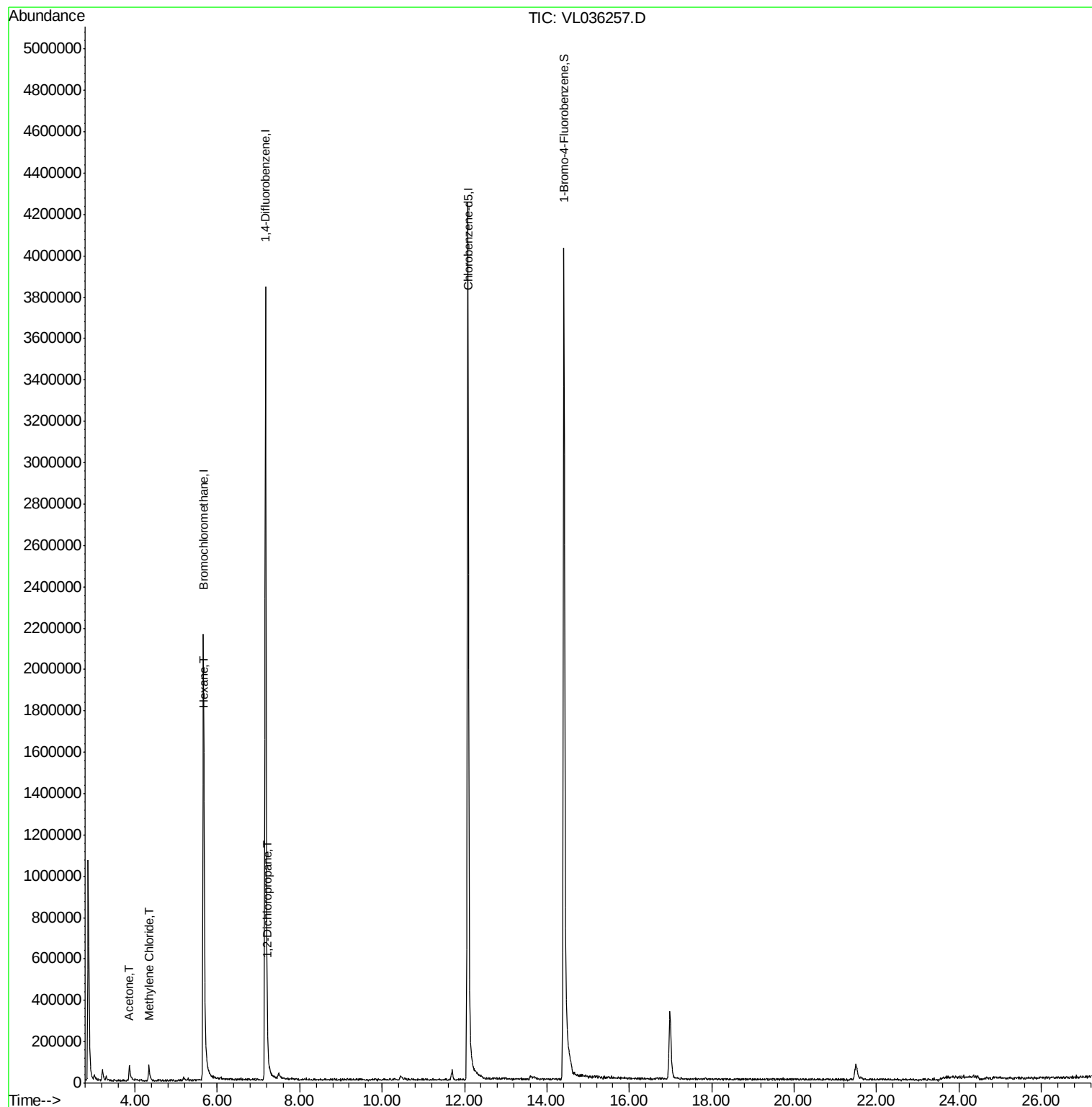
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.86	43	97300	0.580	ppbv #	76
20) Methylene Chloride	4.34	84	11179	0.209	ppbv #	91
26) Hexane	5.68	57	5076	0.036	ppbv #	21
39) 1,2-Dichloropropane	7.22	63	16991	0.154	ppbv #	22

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

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.00 min

Lab File: VL036257.D

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Instrument :

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ClientSampleId :

QC010421 CAN 10334

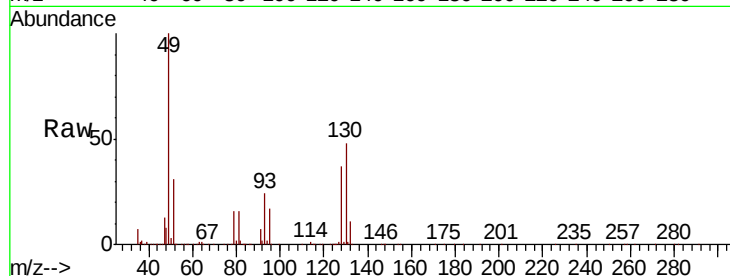
Tot Ion: 49 Resp: 1370920

Ion Ratio Lower Upper

49 100

128 40.0 20.1 60.2

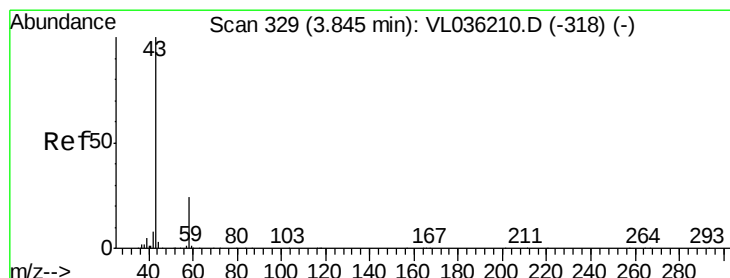
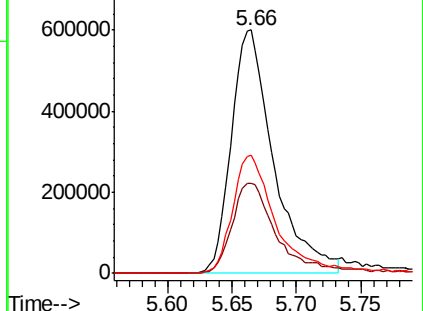
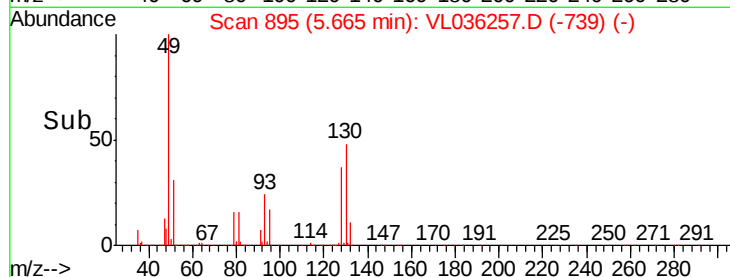
130 51.8 25.3 75.9



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



#15

Acetone

Concen: 0.580 ppbv

RT: 3.86 min Scan# 335

Delta R.T. 0.02 min

Lab File: VL036257.D

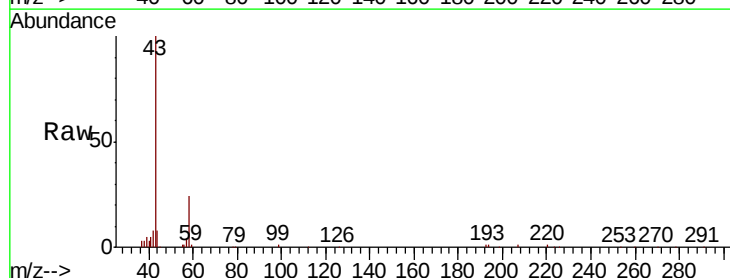
Acq: 20 Jan 2021 22:02

Tgt Ion: 43 Resp: 97300

Ion Ratio Lower Upper

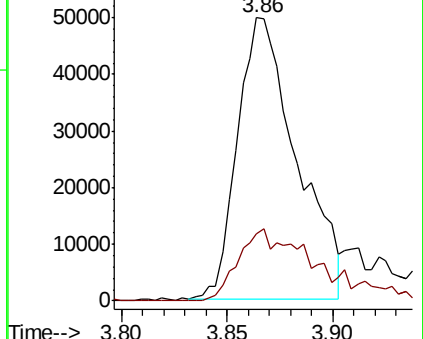
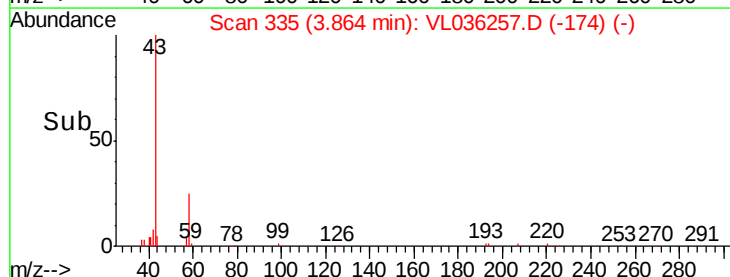
43 100

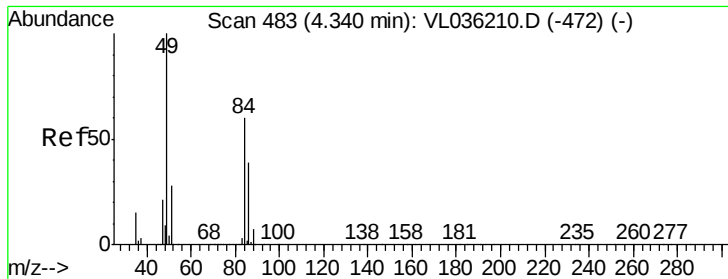
58 38.6 20.9 31.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

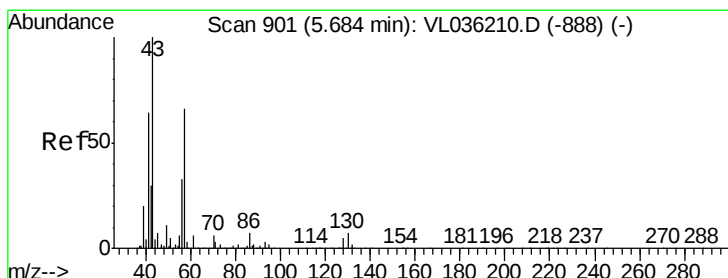
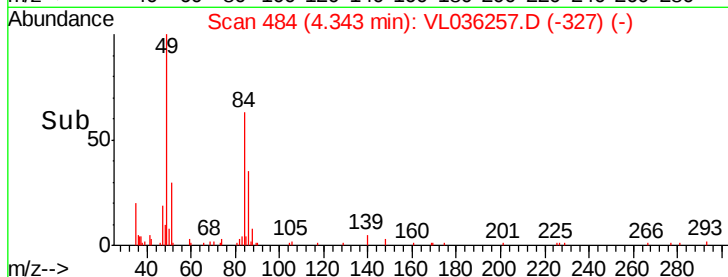
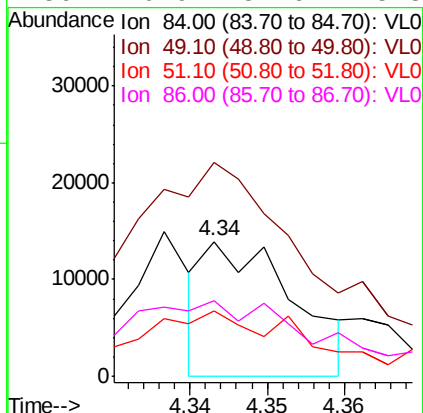
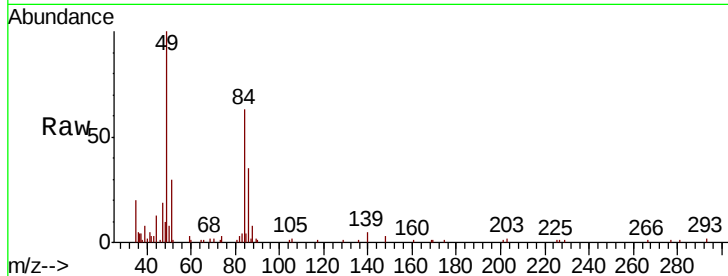




#20
Methvlene Chloride
Concen: 0.209 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.00 min
Lab File: VL036257.D
Acq: 20 Jan 2021 22:02

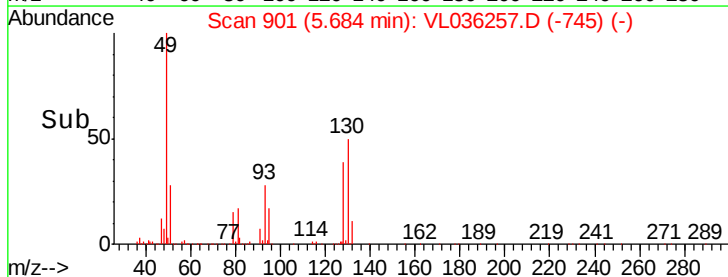
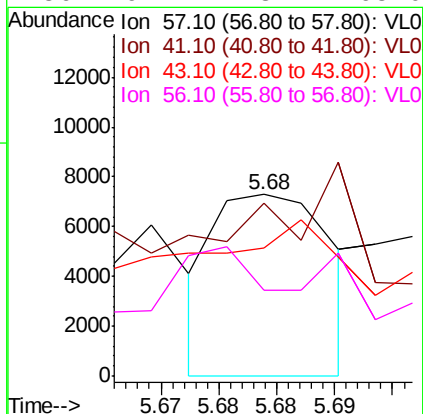
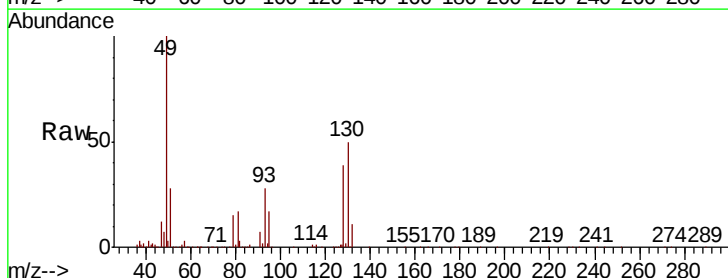
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QC010421 CAN 10334

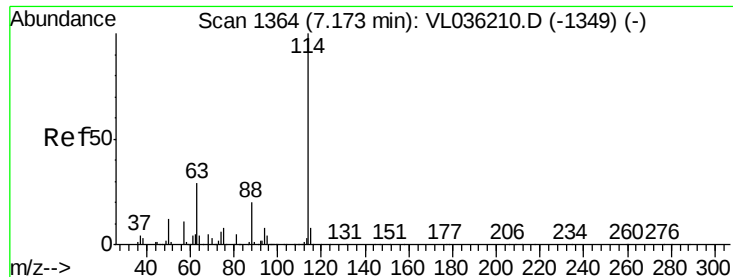
Tot Ion: 84 Resp: 11179
Ion Ratio Lower Upper
84 100
49 166.3 134.1 201.1
51 52.2 37.4 56.0
86 40.9 52.6 78.8#



#26
Hexane
Concen: 0.036 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.00 min
Lab File: VL036257.D
Acq: 20 Jan 2021 22:02

Tgt Ion: 57 Resp: 5076
Ion Ratio Lower Upper
57 100
41 318.7 83.0 124.6#
43 251.7 202.4 303.6
56 194.2 43.4 65.0#

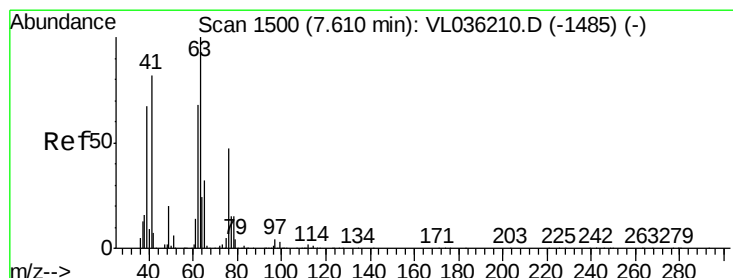
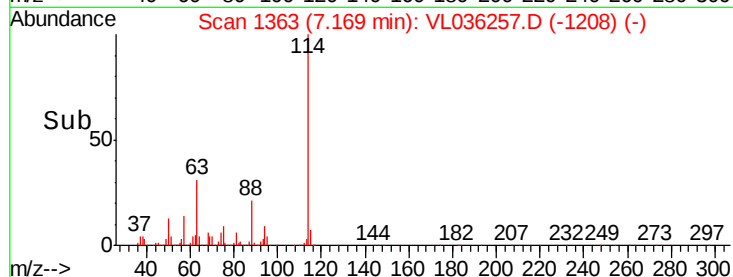
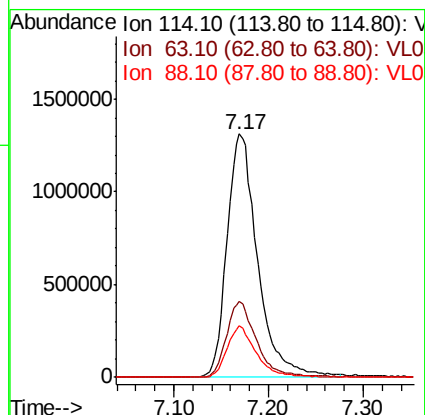
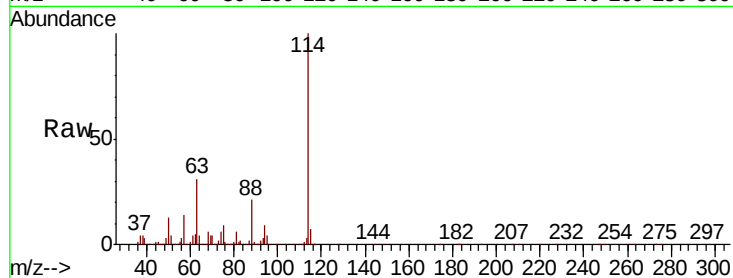




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VL036257.D
 Acq: 20 Jan 2021 22:02

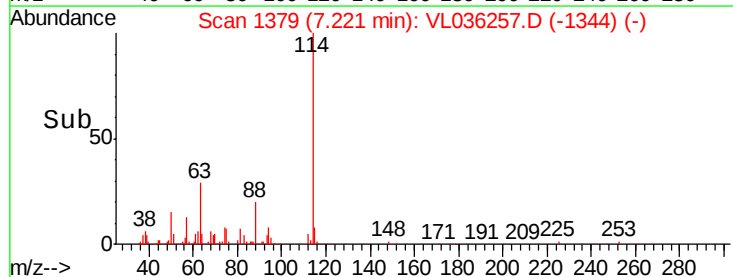
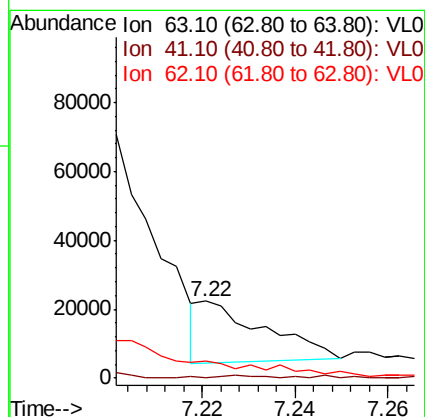
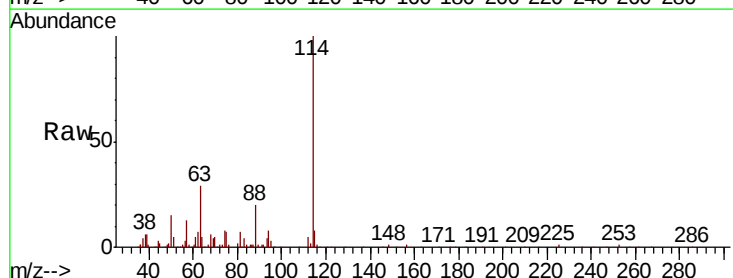
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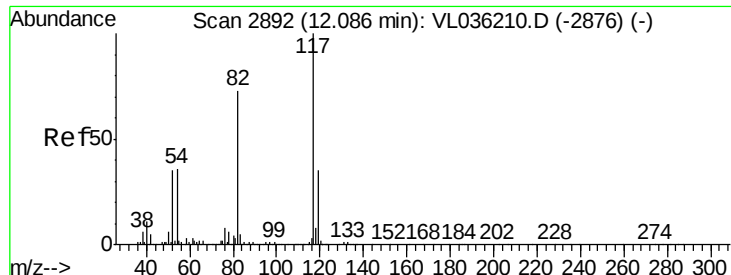
Tot Ion:114 Resp: 2957559
 Ion Ratio Lower Upper
 114 100
 63 31.1 24.7 37.1
 88 20.5 16.6 24.8



#39
 1,2-Dichloropropane
 Concen: 0.154 ppbv
 RT: 7.22 min Scan# 1379
 Delta R.T. -0.39 min
 Lab File: VL036257.D
 Acq: 20 Jan 2021 22:02

Tgt Ion: 63 Resp: 16991
 Ion Ratio Lower Upper
 63 100
 41 0.0 66.1 99.1#
 62 18.6 54.8 82.2#

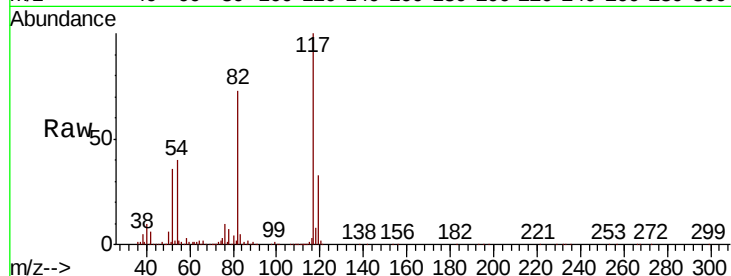




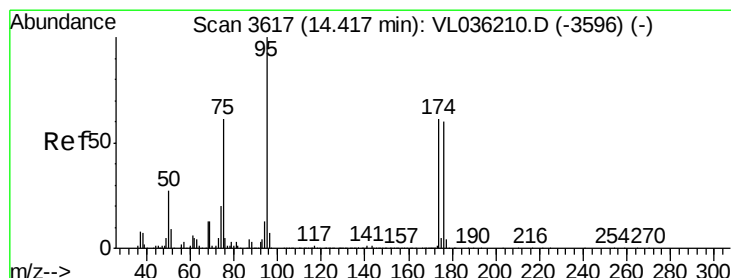
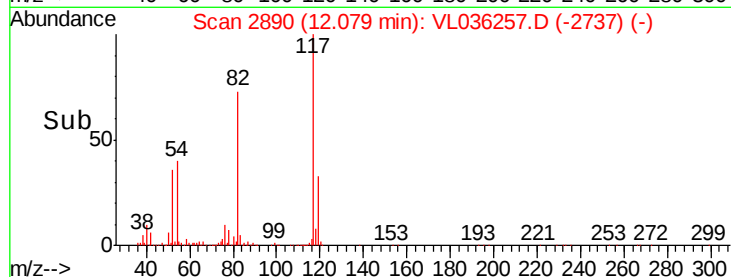
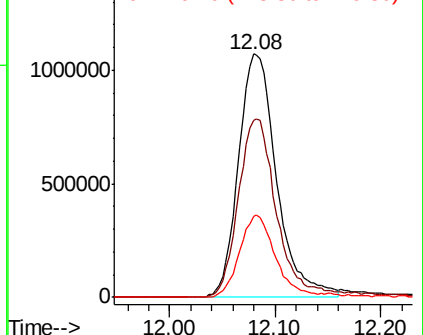
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. -0.01 min
Lab File: VL036257.D
Acq: 20 Jan 2021 22:02

Instrument :
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ClientSampleId :
QC010421 CAN 10334

Tot Ion:117 Resp: 2696819
Ion Ratio Lower Upper
117 100
82 75.5 59.7 89.5
119 33.9 28.6 43.0

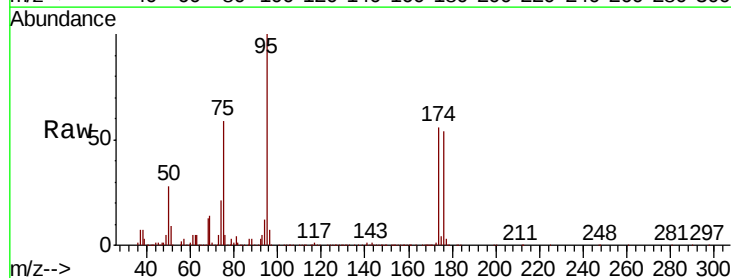


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.123 ppbv
RT: 14.41 min Scan# 3616
Delta R.T. -0.00 min
Lab File: VL036257.D
Acq: 20 Jan 2021 22:02

Tgt Ion: 95 Resp: 2259658
Ion Ratio Lower Upper
95 100
174 61.4 49.4 74.0
175 4.3 3.8 5.8



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

