

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111919\
 Data File : VL034386.D
 Acq On : 19 Nov 2019 19:33
 Operator : SY/AP
 Sample : QC111319 CAN 10303
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC111319 CAN 10303

Quant Time: Nov 20 04:05:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 20 03:30:54 2019
 QLast Update : Wed Nov 20 03:30:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	941566	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	1868826	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.14	117	1841358	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1561961	10.08	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.80%

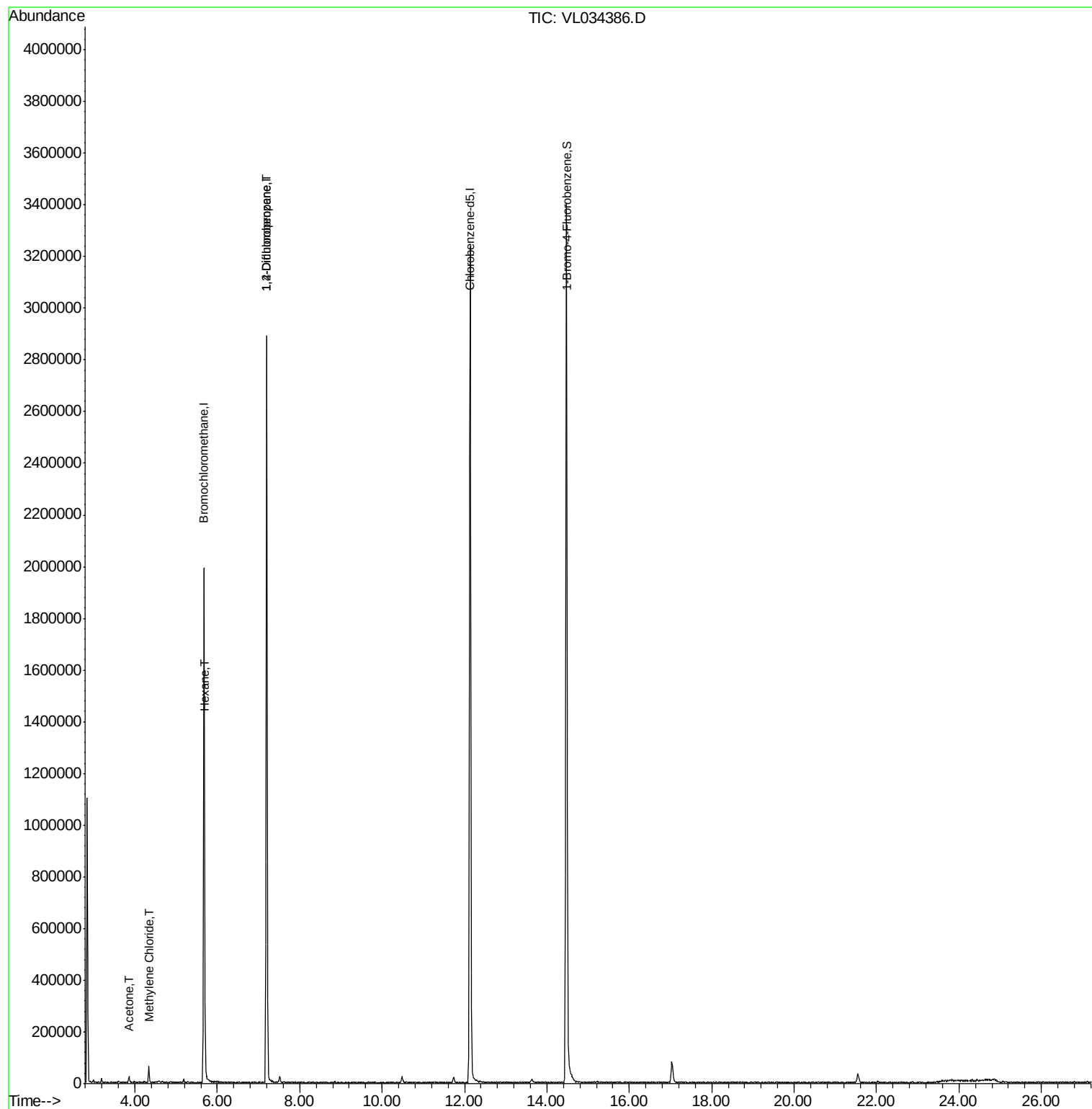
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.85	43	21752	0.161	ppbv #	76
20) Methylene Chloride	4.34	84	18417	0.385	ppbv	82
26) Hexane	5.70	57	4387	0.042	ppbv #	34
39) 1,2-Dichloropropane	7.20	63	566075	7.148	ppbv #	25

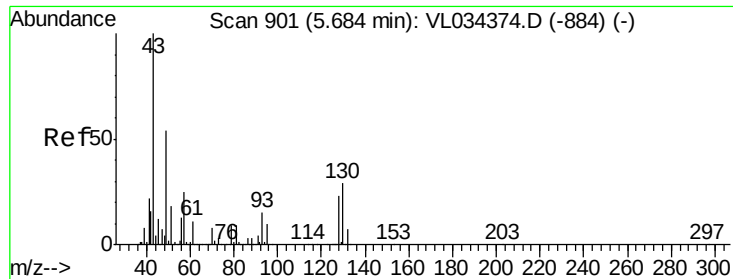
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

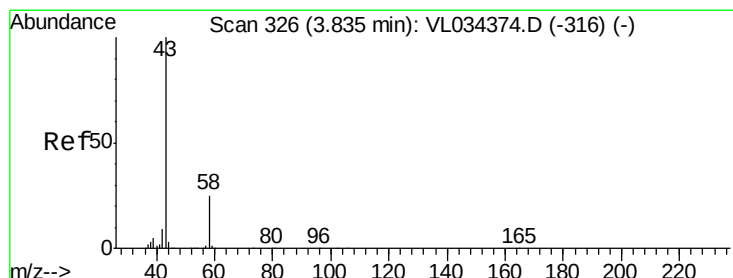
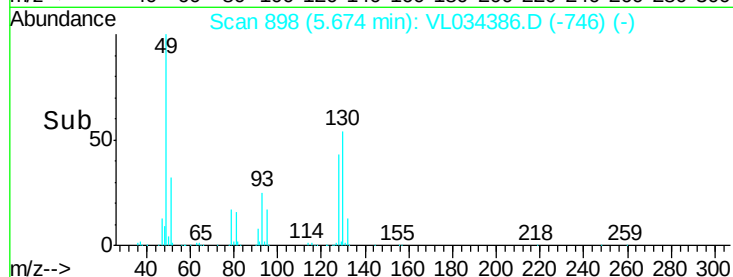
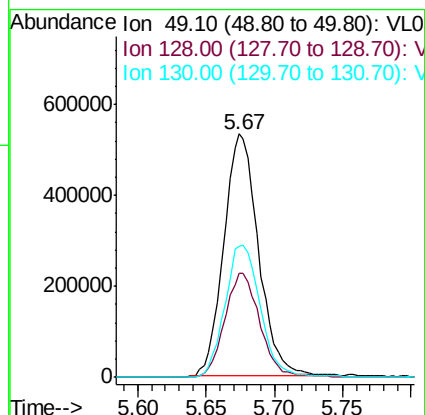
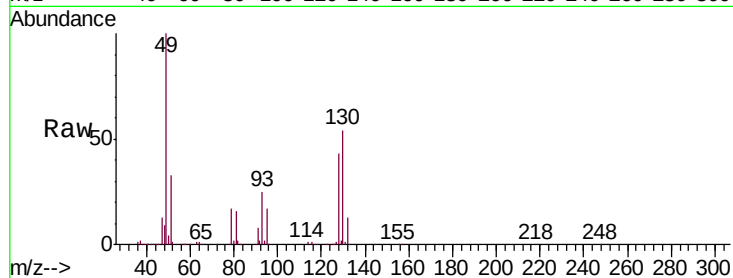




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.67 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VL034386.D
 Acq: 19 Nov 2019 19:33

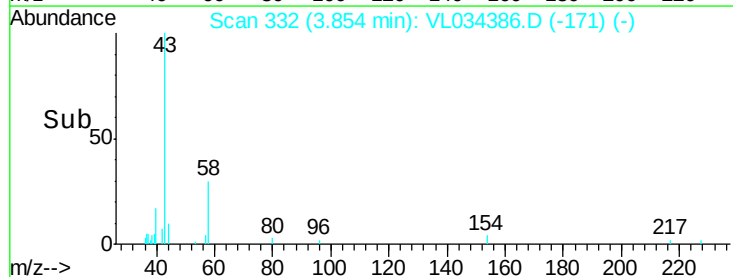
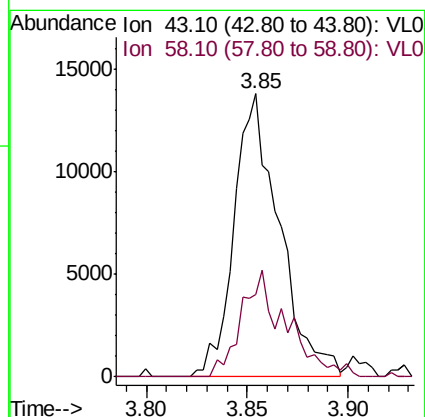
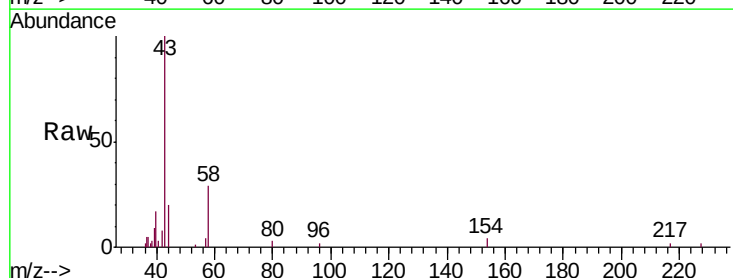
Instrument :
 MSVOA_L
 ClientSampleId :
 QC111319 CAN 10303

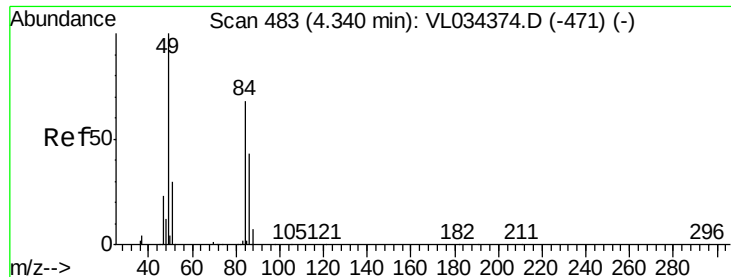
Tgt Ion: 49 Resp: 941566
 Ion Ratio Lower Upper
 49 100
 128 44.1 21.8 65.3
 130 56.4 28.0 84.0



#15
 Acetone
 Concen: 0.161 ppbv
 RT: 3.85 min Scan# 332
 Delta R.T. 0.02 min
 Lab File: VL034386.D
 Acq: 19 Nov 2019 19:33

Tgt Ion: 43 Resp: 21752
 Ion Ratio Lower Upper
 43 100
 58 37.3 20.2 30.4#

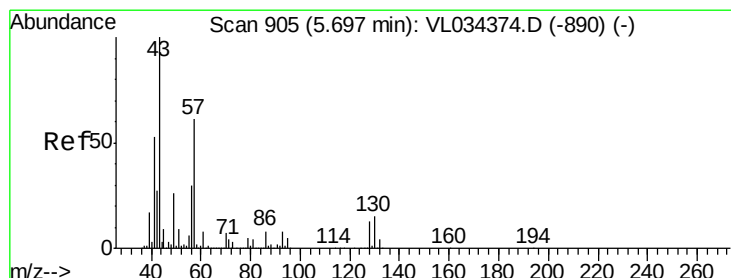
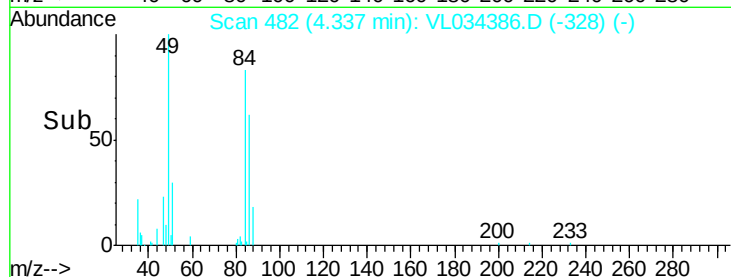
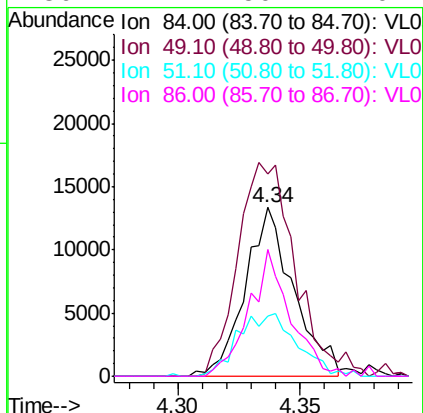
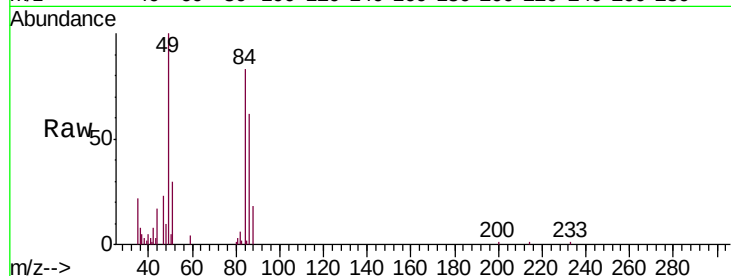




#20
Methylene Chloride
Concen: 0.385 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.00 min
Lab File: VL034386.D
Acq: 19 Nov 2019 19:33

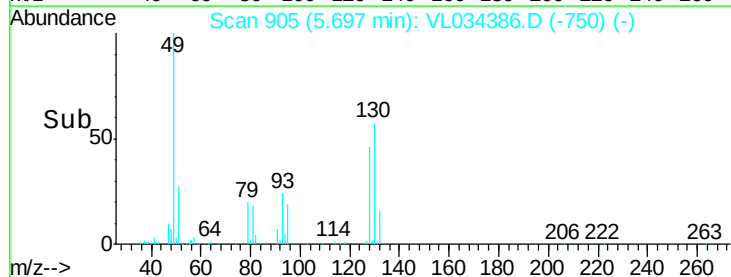
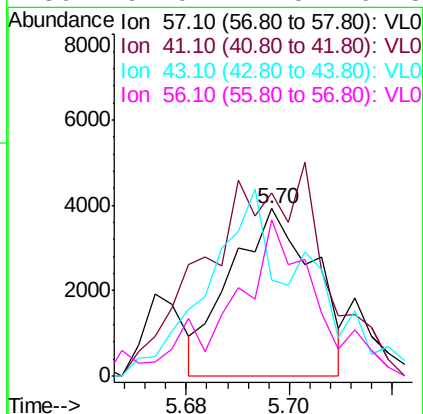
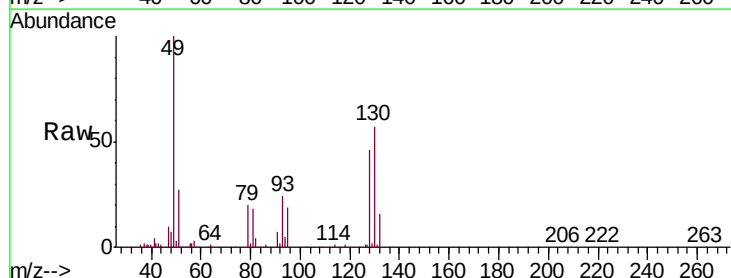
Instrument :
MSVOA_L
ClientSampleId :
QC111319 CAN 10303

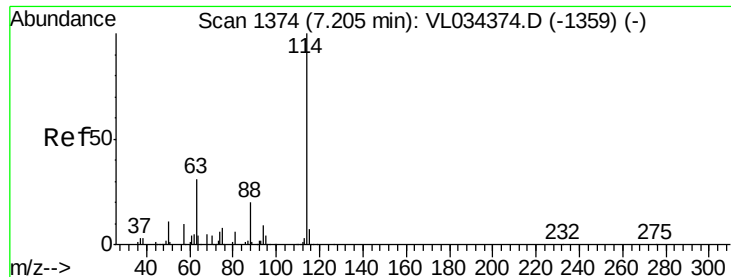
Tgt Ion:	84	Resp:	18417
Ion	Ratio	Lower	Upper
84	100		
49	119.8	116.8	175.2
51	35.7	35.6	53.4
86	74.7	50.7	76.1



#26
Hexane
Concen: 0.042 ppbv
RT: 5.70 min Scan# 905
Delta R.T. -0.00 min
Lab File: VL034386.D
Acq: 19 Nov 2019 19:33

Tgt Ion:	57	Resp:	4387
Ion	Ratio	Lower	Upper
57	100		
41	182.5	75.0	112.4#
43	138.9	186.6	279.8#
56	97.0	41.5	62.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1371

Delta R.T. -0.01 min

Lab File: VL034386.D

Acq: 19 Nov 2019 19:33

Instrument :

MSVOA_L

ClientSampleId :

QC111319 CAN 10303

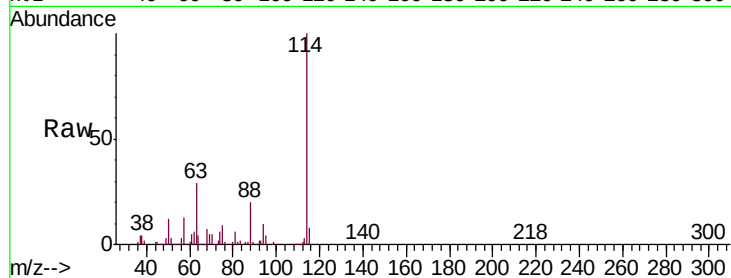
Tgt Ion:114 Resp: 1868826

Ion Ratio Lower Upper

114 100

63 30.4 24.2 36.4

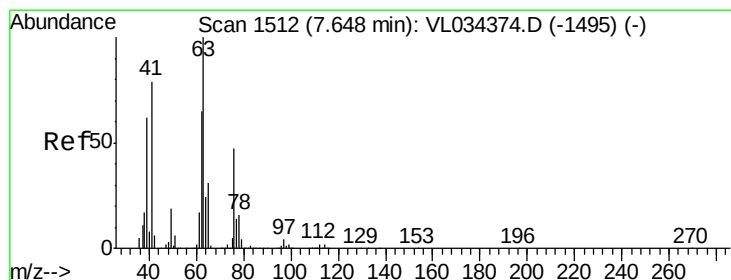
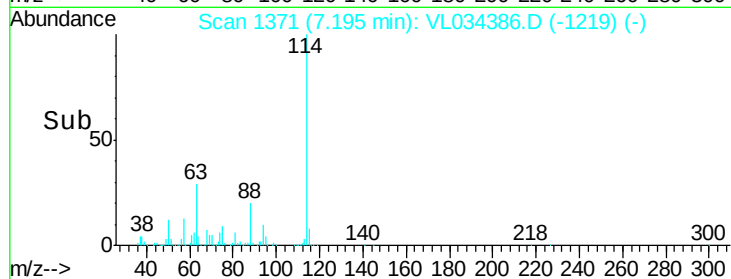
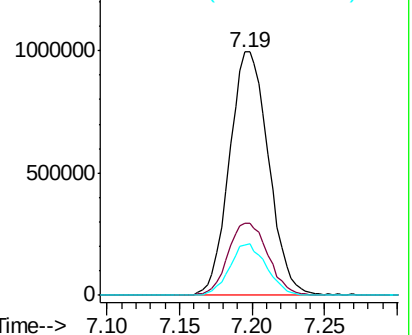
88 20.1 15.9 23.9



Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#39

1,2-Dichloropropane

Concen: 7.148 ppbv

RT: 7.20 min Scan# 1372

Delta R.T. -0.45 min

Lab File: VL034386.D

Acq: 19 Nov 2019 19:33

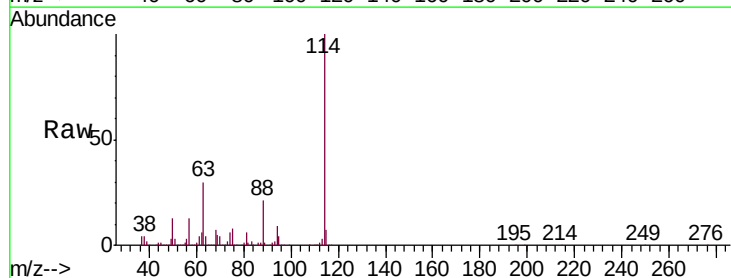
Tgt Ion: 63 Resp: 566075

Ion Ratio Lower Upper

63 100

41 0.0 63.1 94.7#

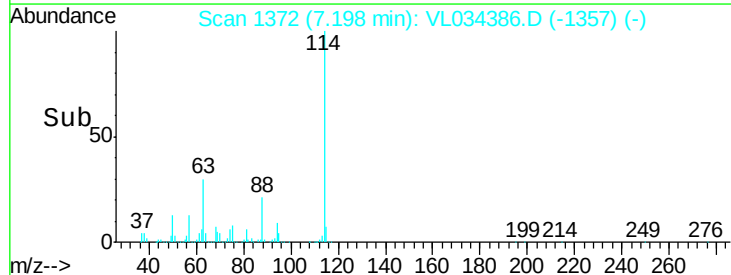
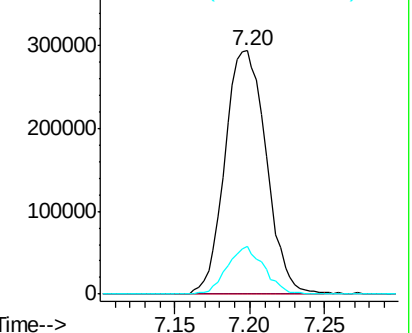
62 19.8 52.3 78.5#

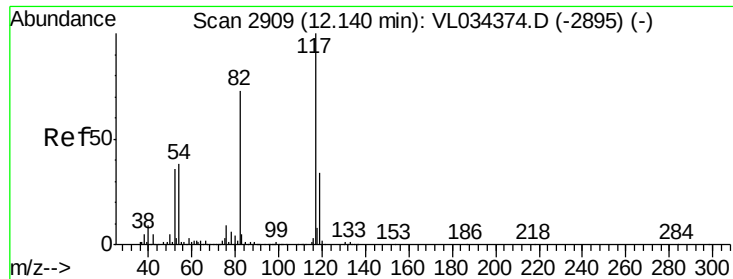


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

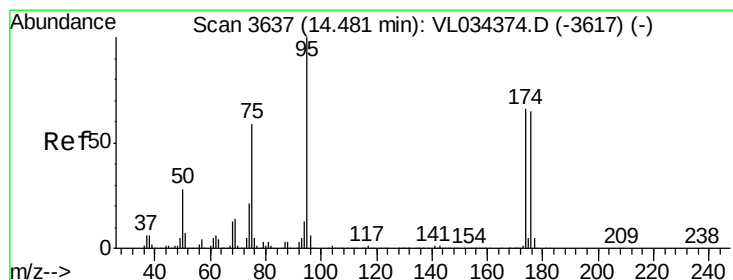
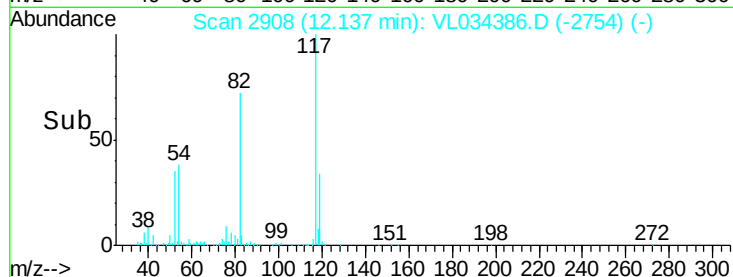
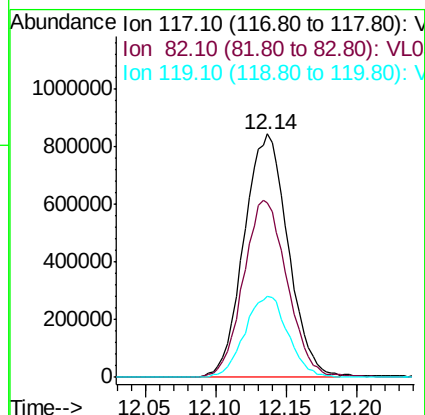
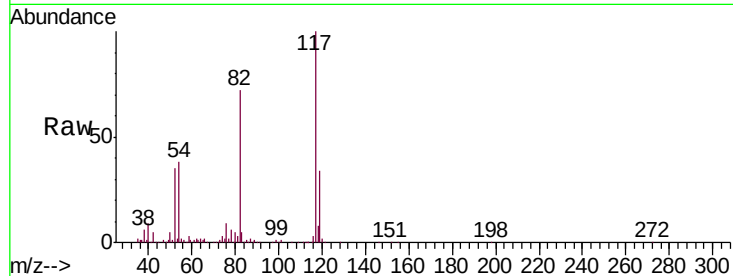




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.14 min Scan# 2908
Delta R.T. -0.00 min
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Tgt Ion: 117 Resp: 1841358
Ion Ratio Lower Upper
117 100
82 73.1 57.5 86.3
119 33.1 25.4 38.2



#68
1-Bromo-4-Fluorobenzene
Concen: 10.083 ppbv
RT: 14.47 min Scan# 3635
Delta R.T. -0.01 min
Lab File: VL034386.D
Acq: 19 Nov 2019 19:33

Tgt Ion: 95 Resp: 1561961
Ion Ratio Lower Upper
95 100
174 66.9 52.2 78.2
175 4.8 3.8 5.8

