

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080320\
 Data File : VL035330.D
 Acq On : 4 Aug 2020 2:05
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Aug 04 05:40:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 04 05:31:29 2020
 QLast Update : Tue Aug 04 05:31:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1176088	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2933572	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2868482	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2442729	10.17	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

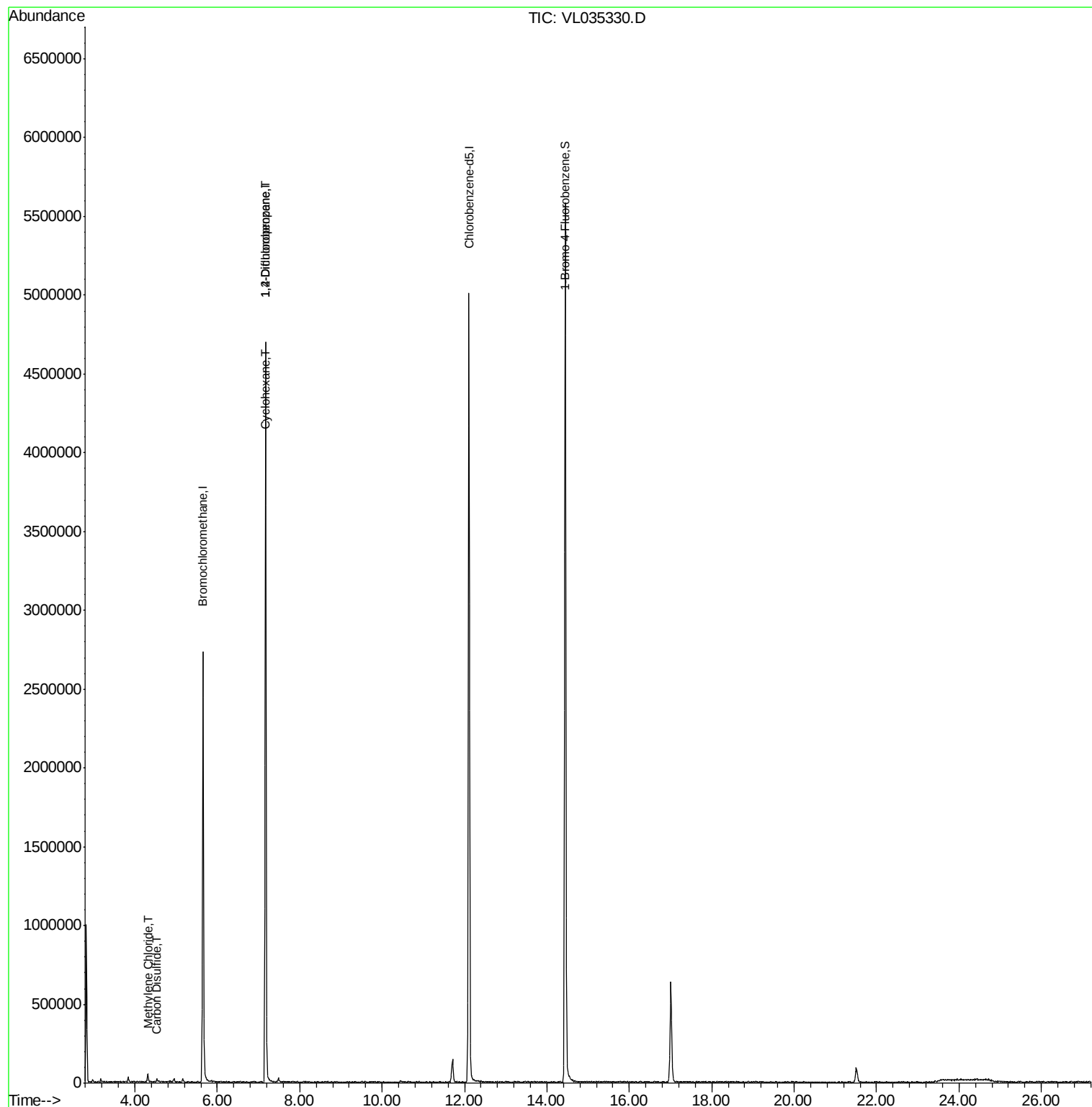
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.31	84	8387	0.108	ppbv	87
27) Carbon Disulfide	4.52	76	8157	0.053	ppbv #	1
30) Cyclohexane	7.15	84	5533	0.064	ppbv #	1
39) 1,2-Dichloropropane	7.17	63	810715	9.565	ppbv #	24

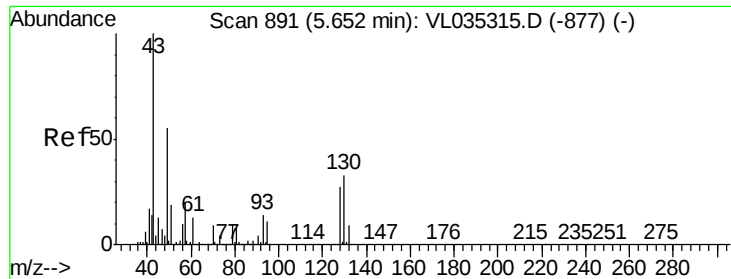
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 04 05:31:29 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.00 min

Lab File: VL035330.D

Acq: 4 Aug 2020 2:05

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

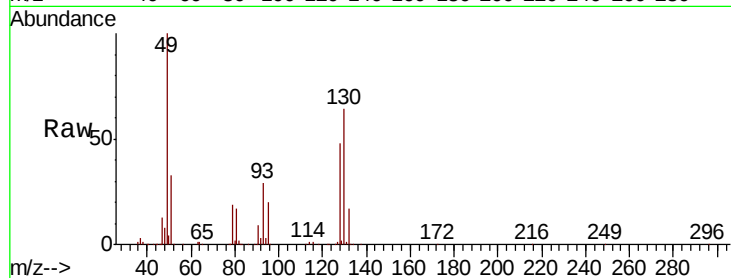
Tot Ion: 49 Resp: 1176088

Ion Ratio Lower Upper

49 100

128 50.6 23.8 71.5

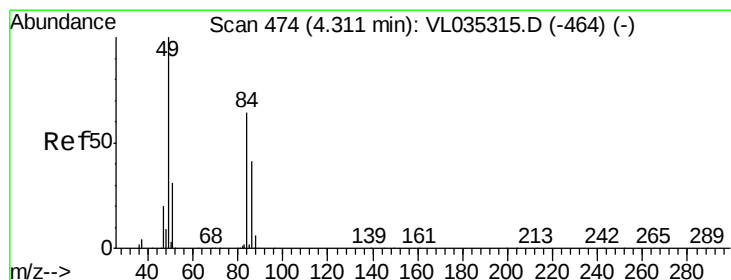
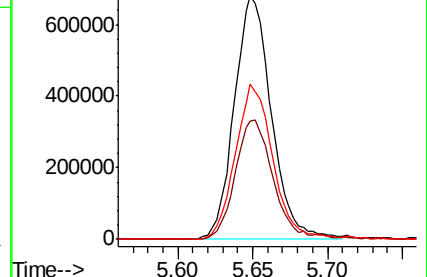
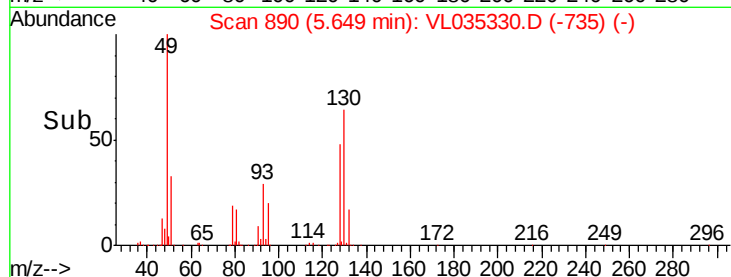
130 65.0 31.4 94.3



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



#20

Methylene Chloride

Concen: 0.108 ppbv

RT: 4.31 min Scan# 475

Delta R.T. 0.00 min

Lab File: VL035330.D

Acq: 4 Aug 2020 2:05

Tgt Ion: 84 Resp: 8387

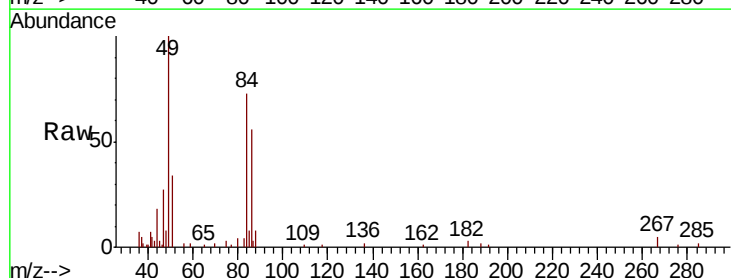
Ion Ratio Lower Upper

84 100

49 133.8 124.2 186.2

51 51.0 38.6 58.0

86 74.1 51.0 76.4

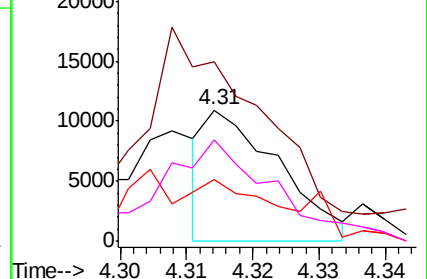
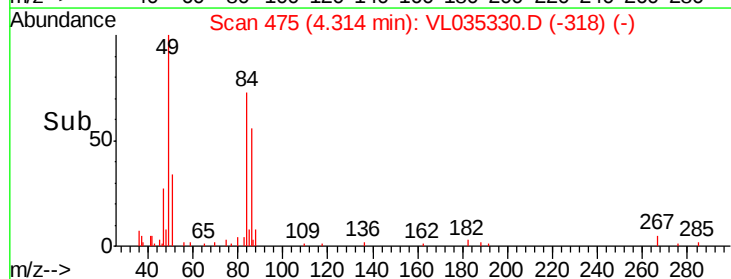


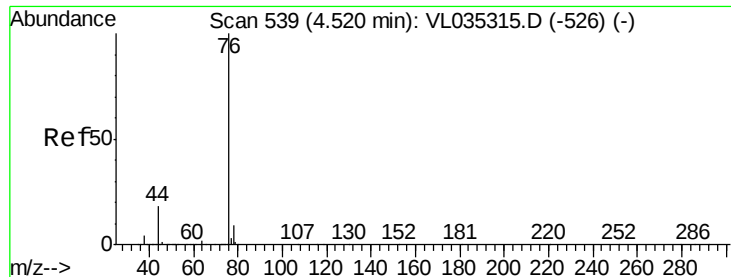
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0





#27

Carbon Disulfide

Concen: 0.053 ppbv

RT: 4.52 min Scan# 540

Delta R.T. 0.00 min

Lab File: VL035330.D

Acq: 4 Aug 2020 2:05

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

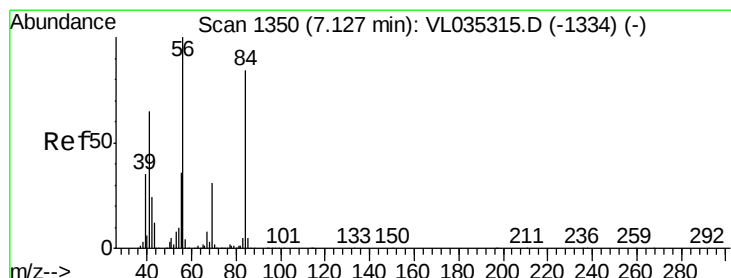
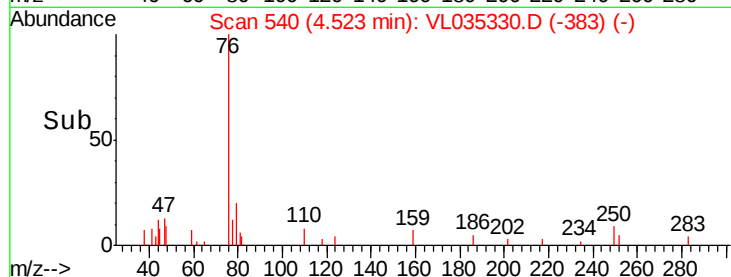
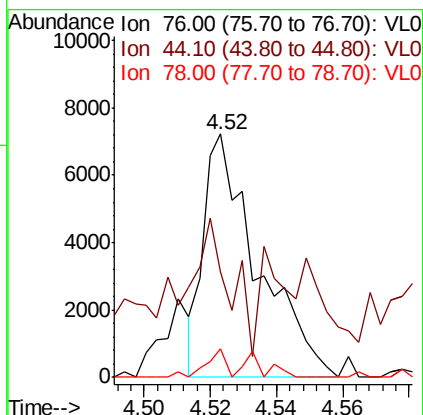
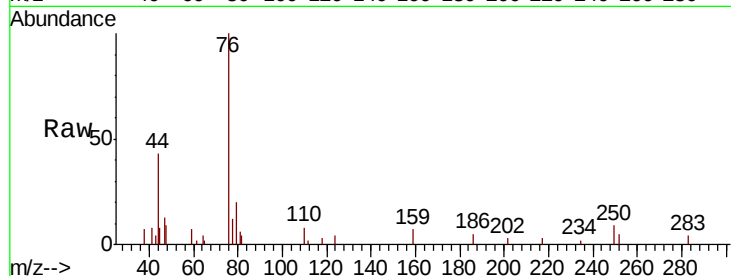
Tot Ion: 76 Resp: 8157

Ion Ratio Lower Upper

76 100

44 106.3 14.8 22.2#

78 8.2 7.8 11.8



#30

Cyclohexane

Concen: 0.064 ppbv

RT: 7.15 min Scan# 1358

Delta R.T. 0.03 min

Lab File: VL035330.D

Acq: 4 Aug 2020 2:05

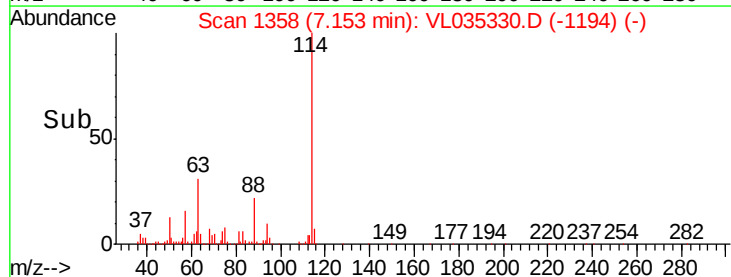
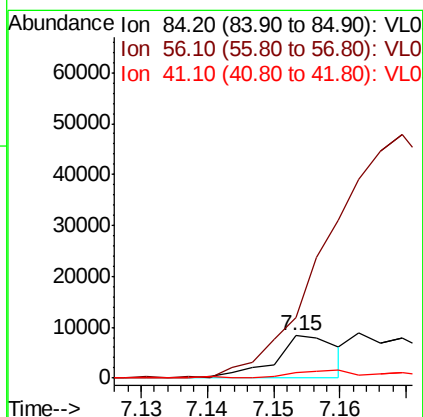
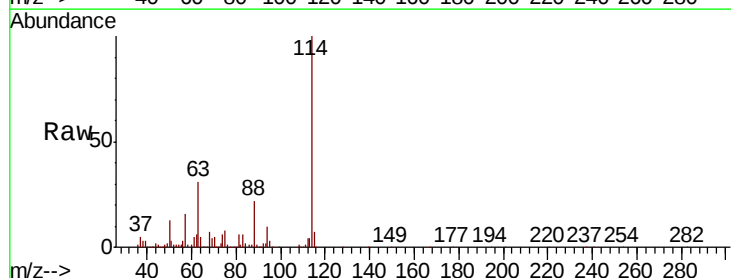
Tgt Ion: 84 Resp: 5533

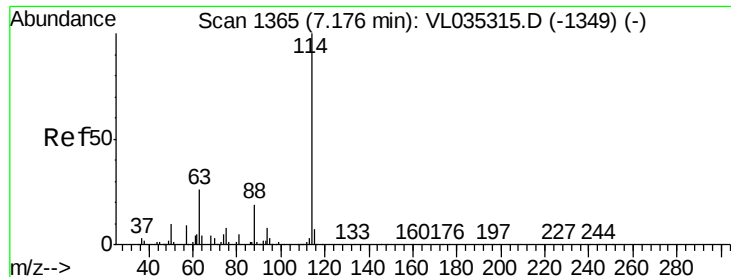
Ion Ratio Lower Upper

84 100

56 0.0 103.0 154.6#

41 3.3 62.7 94.1#

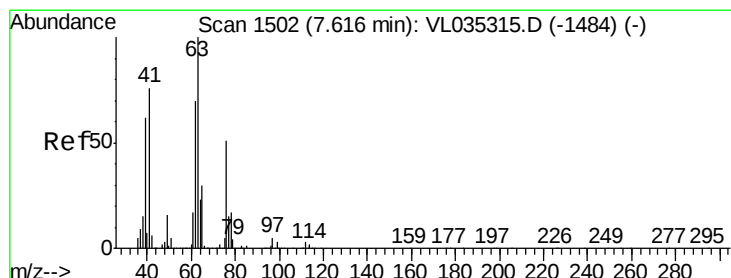
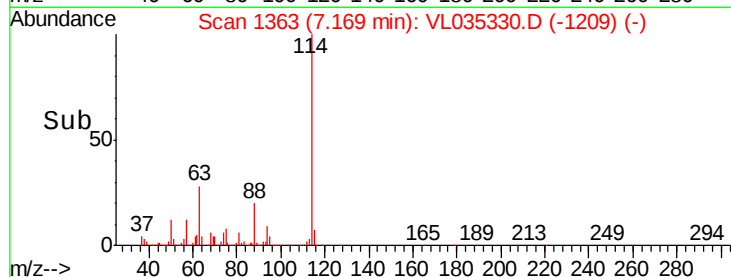
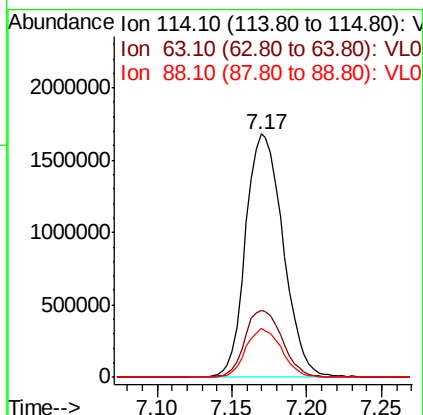
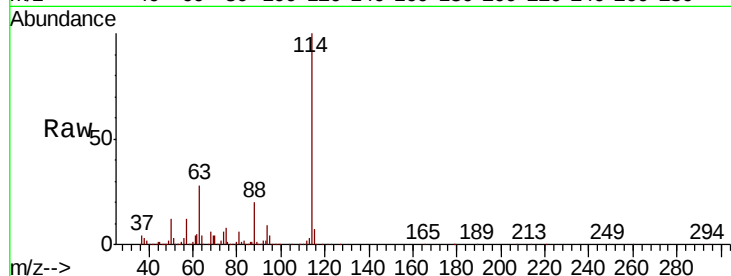




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: VL035330.D
 Acq: 4 Aug 2020 2:05

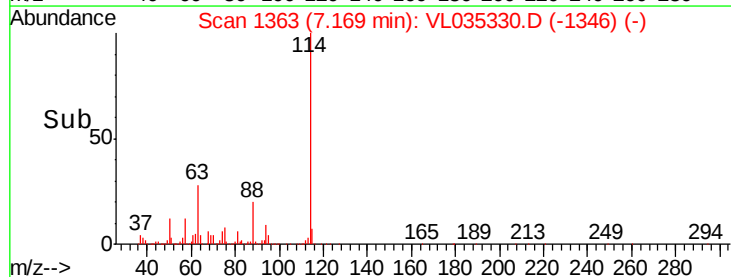
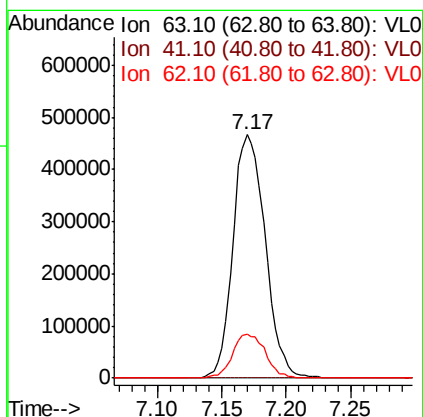
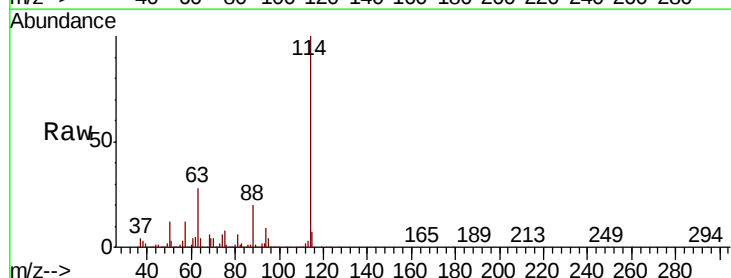
Instrument :
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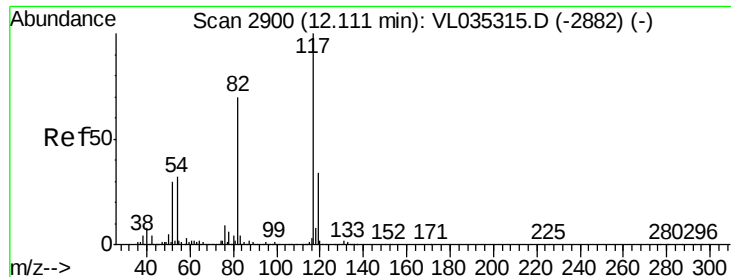
Tot Ion:114 Resp: 2933572
 Ion Ratio Lower Upper
 114 100
 63 27.7 21.5 32.3
 88 19.3 15.3 22.9



#39
 1,2-Dichloropropane
 Concen: 9.565 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.45 min
 Lab File: VL035330.D
 Acq: 4 Aug 2020 2:05

Tgt Ion: 63 Resp: 810715
 Ion Ratio Lower Upper
 63 100
 41 0.3 61.0 91.4#
 62 17.8 55.8 83.8#

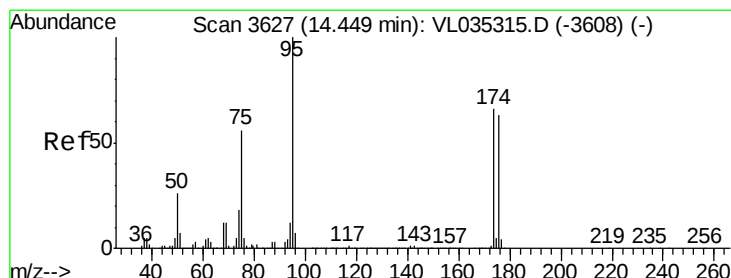
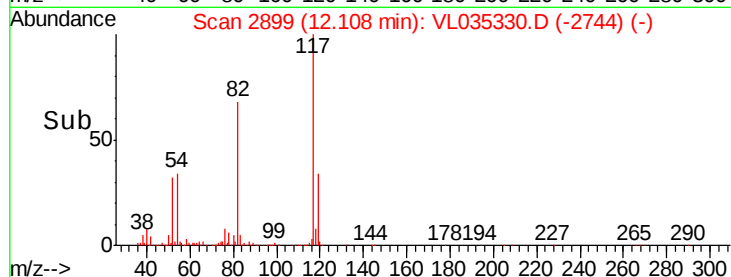
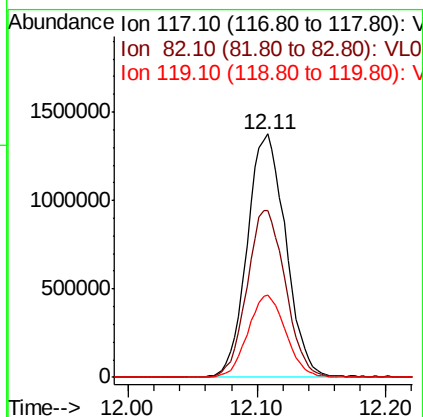
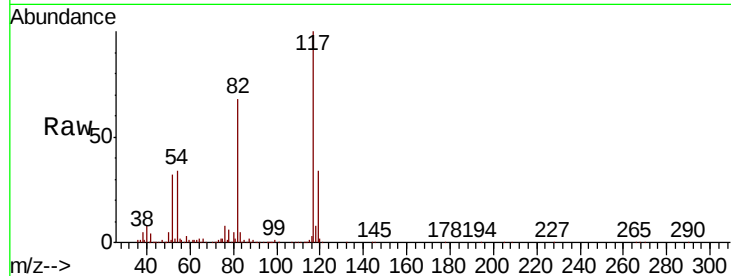




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VL035330.D
Acq: 4 Aug 2020 2:05

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion:117 Resp: 2868482
Ion Ratio Lower Upper
117 100
82 68.7 50.6 76.0
119 33.3 24.1 36.1



#68
1-Bromo-4-Fluorobenzene
Concen: 10.166 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.01 min
Lab File: VL035330.D
Acq: 4 Aug 2020 2:05

Tgt Ion: 95 Resp: 2442729
Ion Ratio Lower Upper
95 100
174 64.6 52.5 78.7
175 4.9 3.9 5.9

