

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091020\
 Data File : VL035588.D
 Acq On : 10 Sep 2020 17:57
 Operator : SY/AP
 Sample : CAN 10285
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10285

Quant Time: Sep 11 08:13:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Aug 27 06:46:28 2020
 QLast Update : Thu Aug 27 06:46:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1044923	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.17	114	4161142	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.09	117	4215599	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3144881	10.50	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.00%

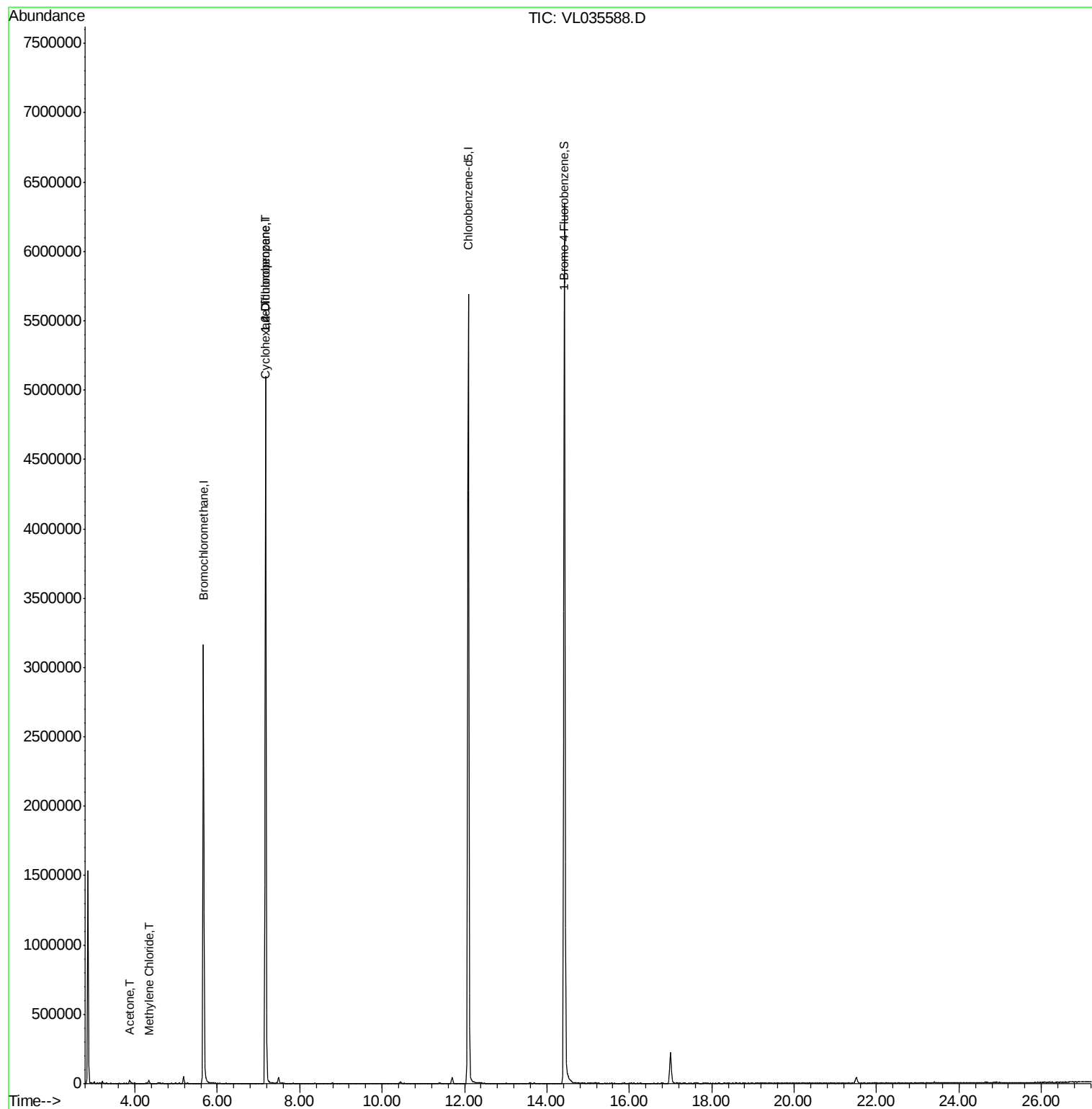
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.87	43	18170	0.158	ppbv #	10
20) Methylene Chloride	4.34	84	9427	0.110	ppbv	92
30) Cyclohexane	7.16	84	9497	0.077	ppbv #	9
39) 1,2-Dichloropropane	7.17	63	783196	8.607	ppbv #	32

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

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Quant Time: Sep 11 08:13:44 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 27 06:46:28 2020
QLast Update : Thu Aug 27 06:46:28 2020
Response via : Initial Calibration

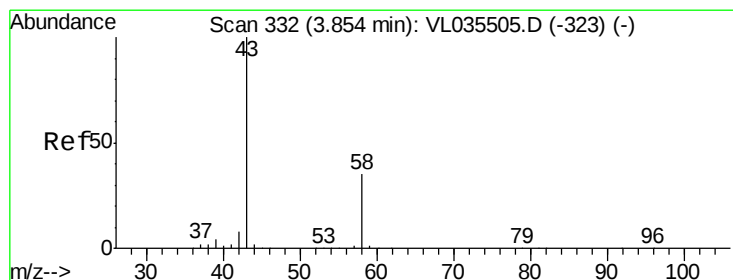
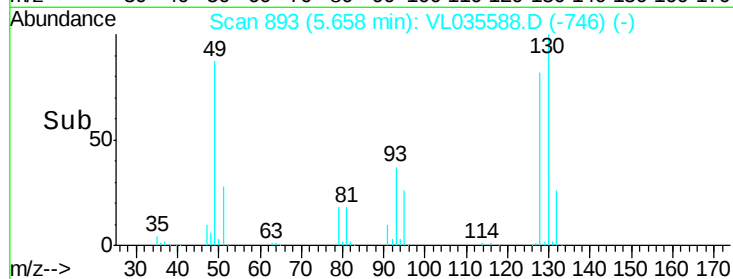
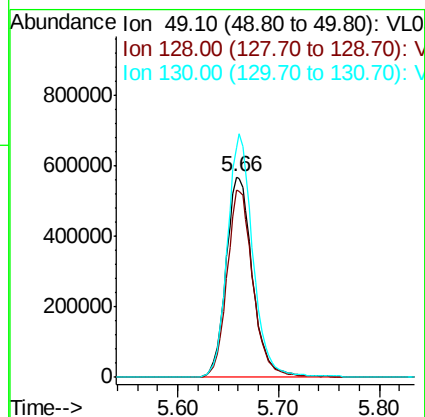
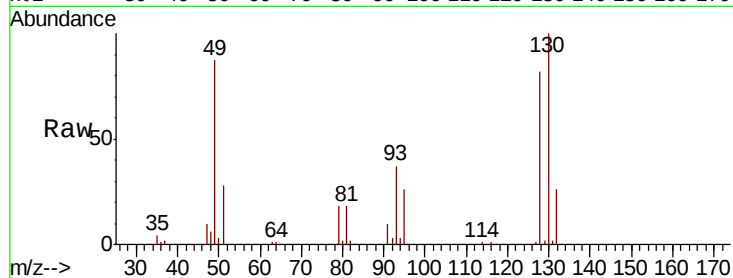




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.03 min
Lab File: VL035588.D
Acq: 10 Sep 2020 17:57

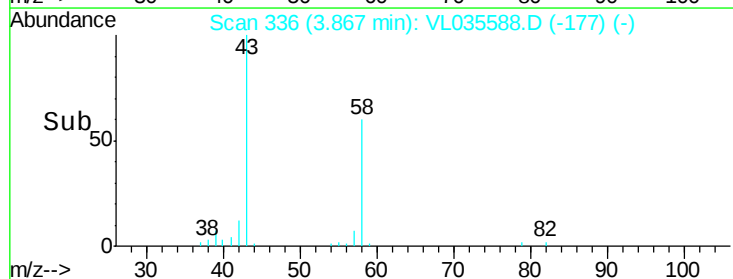
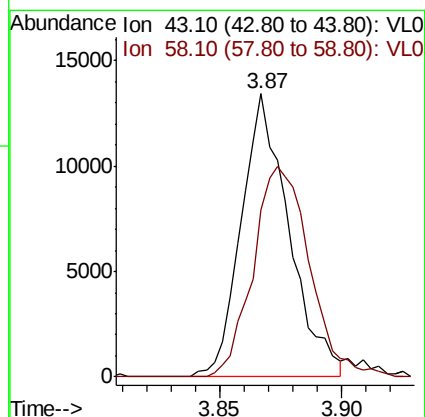
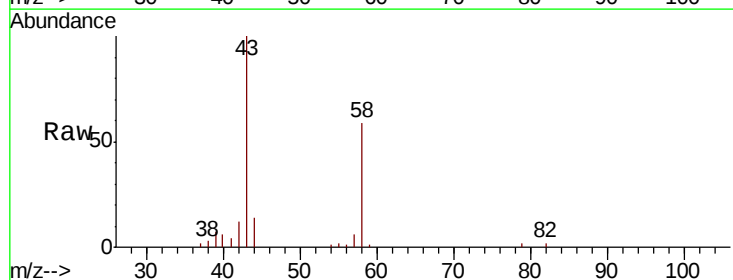
Instrument :
MSVOA_L
ClientSampleId :
CAN 10285

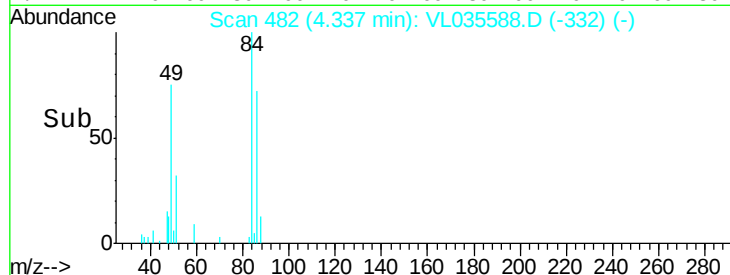
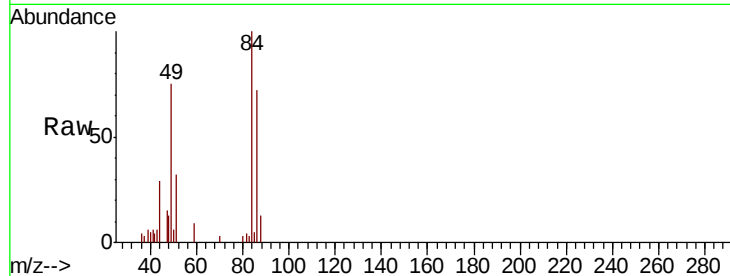
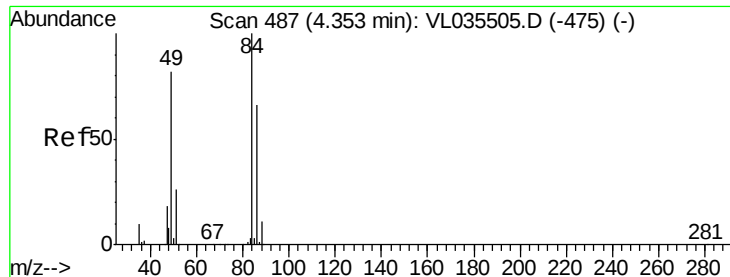
Tot Ion: 49 Resp: 1044923
Ion Ratio Lower Upper
49 100
128 92.2 50.0 150.1
130 118.0 64.4 193.2



#15
Acetone
Concen: 0.158 ppbv
RT: 3.87 min Scan# 336
Delta R.T. 0.01 min
Lab File: VL035588.D
Acq: 10 Sep 2020 17:57

Tgt Ion: 43 Resp: 18170
Ion Ratio Lower Upper
43 100
58 88.4 28.4 42.6#

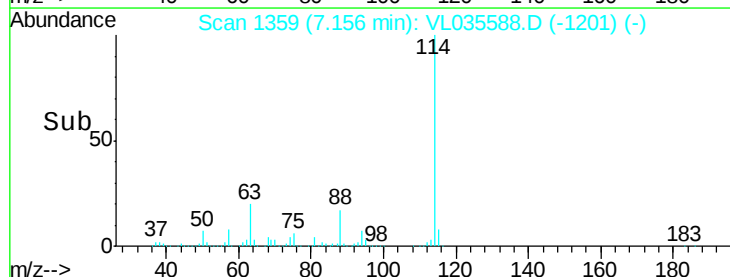
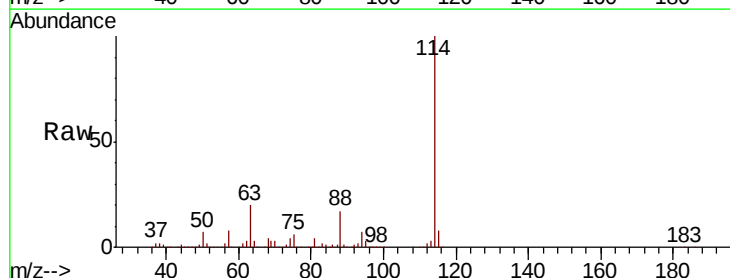
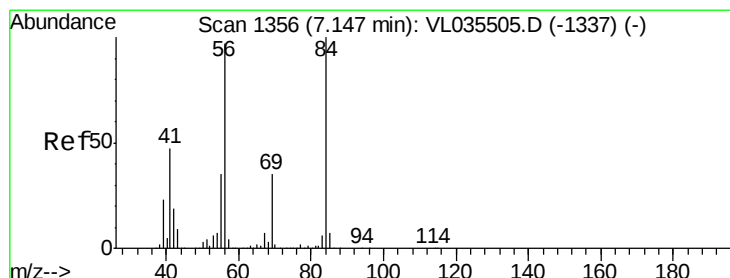
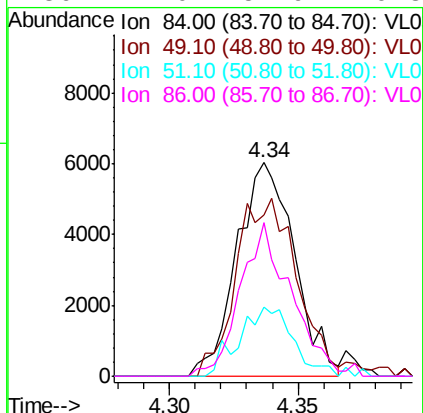




#20
Methvlene Chloride
Concen: 0.110 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.02 min
Lab File: VL035588.D
Acq: 10 Sep 2020 17:57

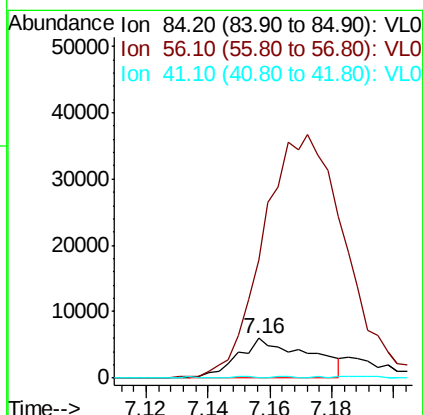
Instrument :
MSVOA_L
ClientSampleId :
CAN 10285

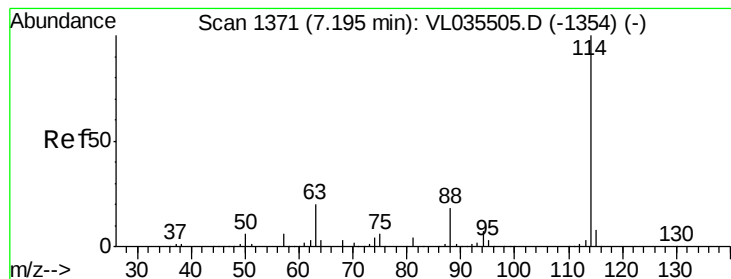
Tot Ion: 84	Resp: 9427
Ion Ratio	Lower Upper
84 100	
49 75.3	65.4 98.0
51 32.2	21.5 32.3
86 72.0	52.9 79.3



#30
Cyclohexane
Concen: 0.077 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. 0.01 min
Lab File: VL035588.D
Acq: 10 Sep 2020 17:57

Tgt	Ion: 84	Resp:	9497
Ion	Ratio	Lower	Upper
84	100		
56	0.0	80.1	120.1#
41	0.0	38.1	57.1#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. -0.02 min

Lab File: VL035588.D

Acq: 10 Sep 2020 17:57

Instrument :

MSVOA_L

ClientSampled :

CAN 10285

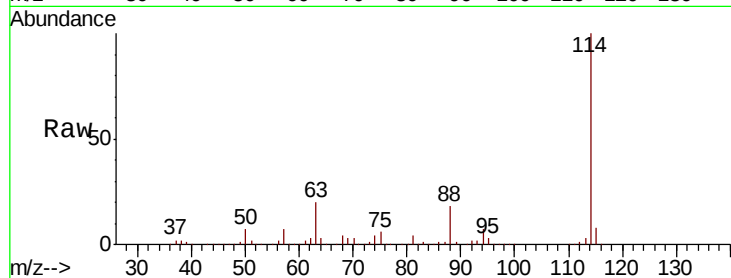
Tot Ion:114 Resp: 4161142

Ion Ratio Lower Upper

114 100

63 18.9 14.7 22.1

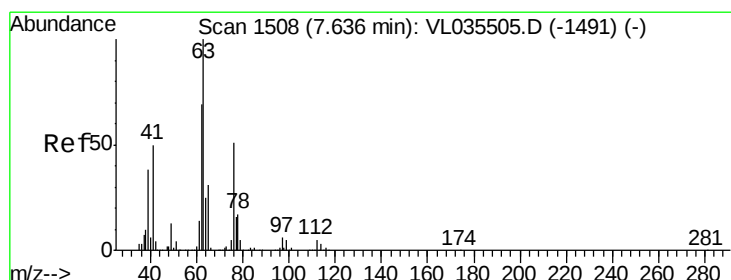
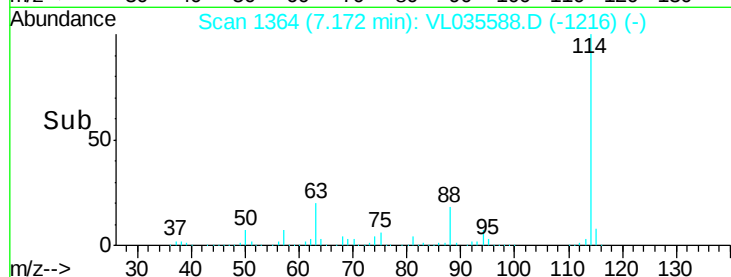
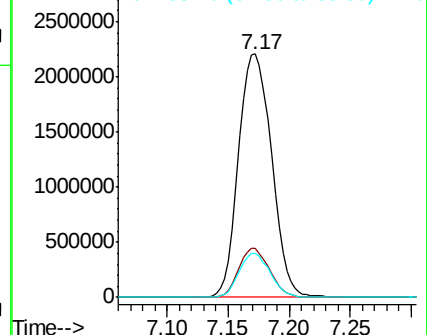
88 17.1 13.4 20.2



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: 8.607 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. -0.46 min

Lab File: VL035588.D

Acq: 10 Sep 2020 17:57

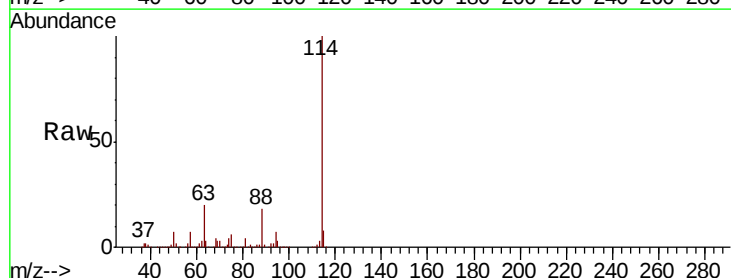
Tgt Ion: 63 Resp: 783196

Ion Ratio Lower Upper

63 100

41 0.0 40.0 60.0#

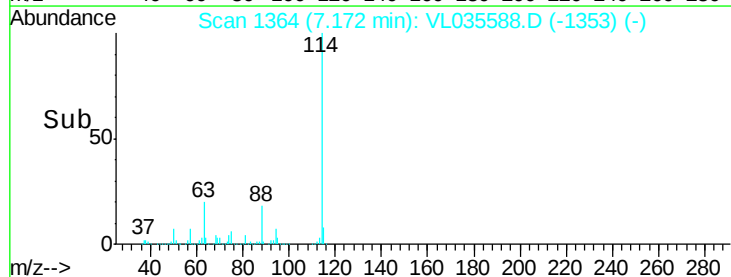
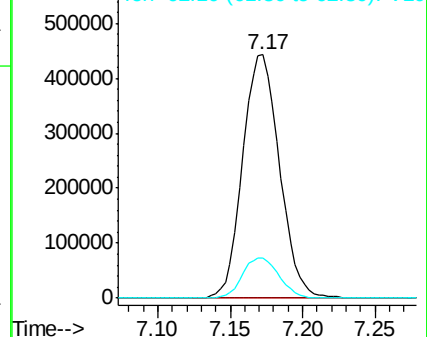
62 16.7 55.4 83.0#

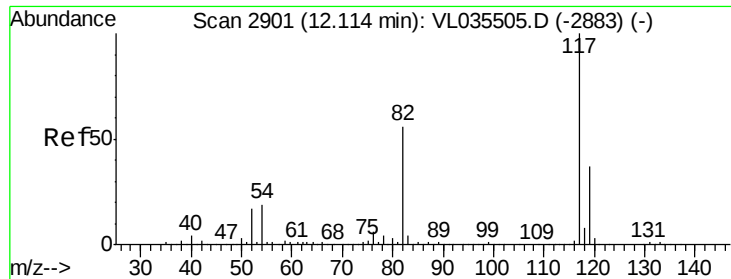


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

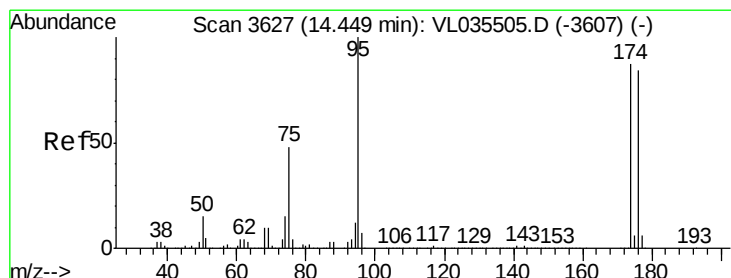
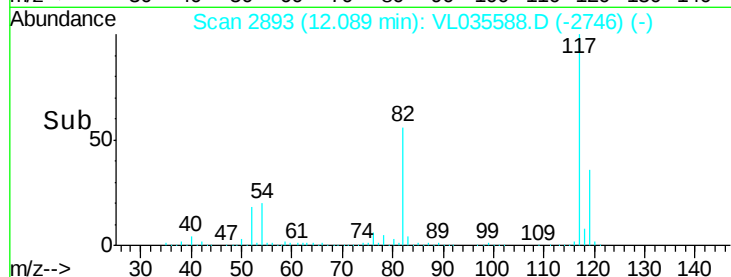
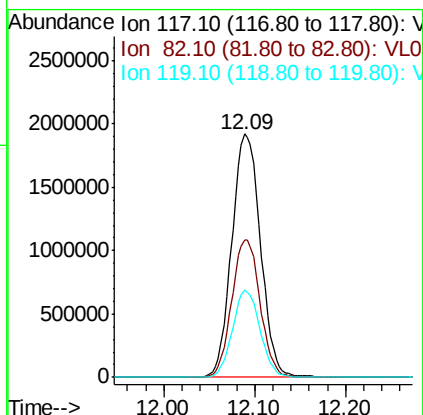
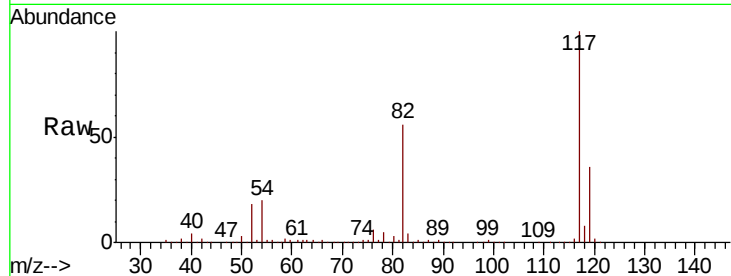




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.03 min
Lab File: VL035588.D
Acq: 10 Sep 2020 17:57

Instrument :
MSVOA_L
ClientSampleId :
CAN 10285

Tot Ion:117 Resp: 4215599
Ion Ratio Lower Upper
117 100
82 56.1 41.6 62.4
119 34.6 29.3 43.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.505 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. -0.03 min
Lab File: VL035588.D
Acq: 10 Sep 2020 17:57

Tgt Ion: 95 Resp: 3144881
Ion Ratio Lower Upper
95 100
174 82.8 69.6 104.4
175 5.9 5.1 7.7

