

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091020\
 Data File : VL035593.D
 Acq On : 10 Sep 2020 21:24
 Operator : SY/AP
 Sample : CAN 10001
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10001

Quant Time: Sep 11 08:44:07 2020
 Quant Method : Z:\VOASRV\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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1017799	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	4075767	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.09	117	4082875	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3101646	10.70	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.00%

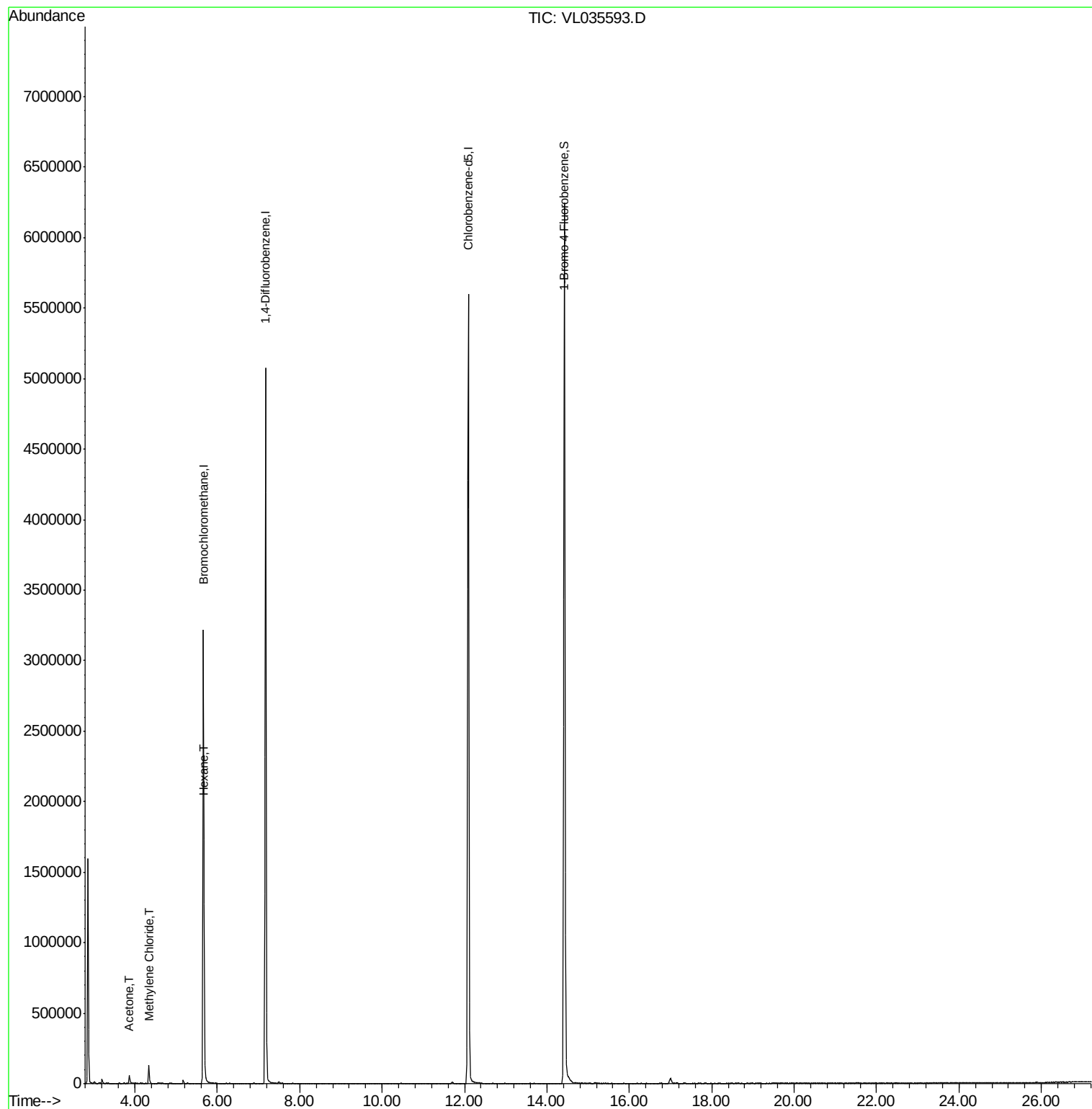
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.86	43	48132	0.429	ppbv #	69
20) Methylene Chloride	4.34	84	57596	0.689	ppbv	94
26) Hexane	5.68	57	18334	0.163	ppbv #	45

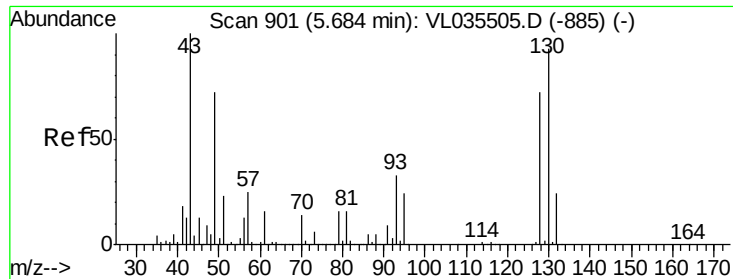
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.02 min

Lab File: VL035593.D

Acq: 10 Sep 2020 21:24

Instrument :

MSVOA_L

ClientSampleId :

CAN 10001

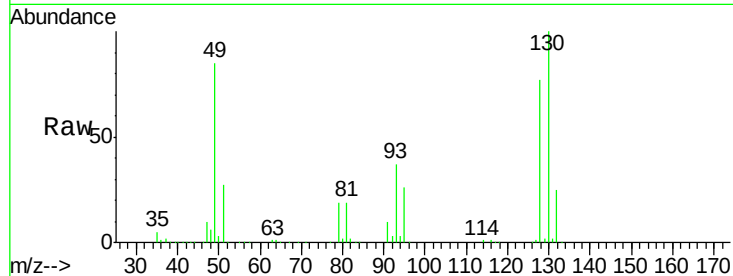
Tot Ion: 49 Resp: 1017799

Ion Ratio Lower Upper

49 100

128 92.2 50.0 150.1

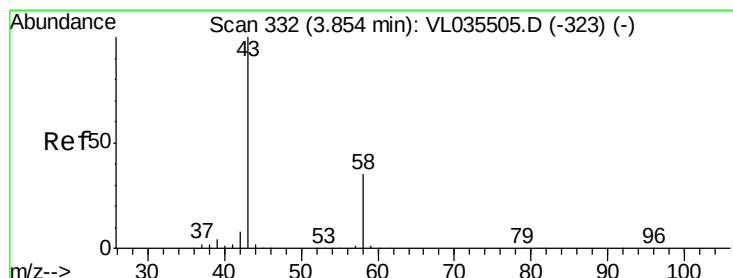
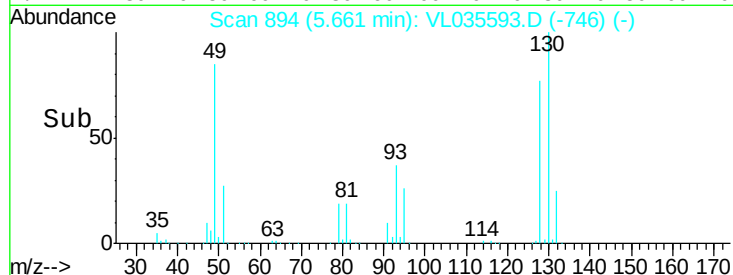
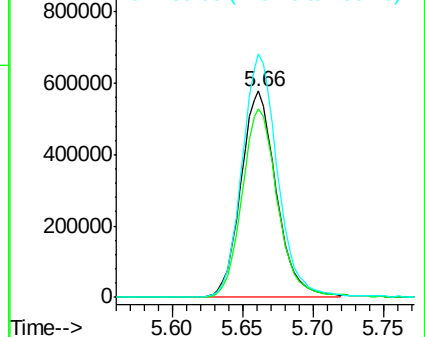
130 119.2 64.4 193.2



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



#15

Acetone

Concen: 0.429 ppbv

RT: 3.86 min Scan# 334

Delta R.T. 0.01 min

Lab File: VL035593.D

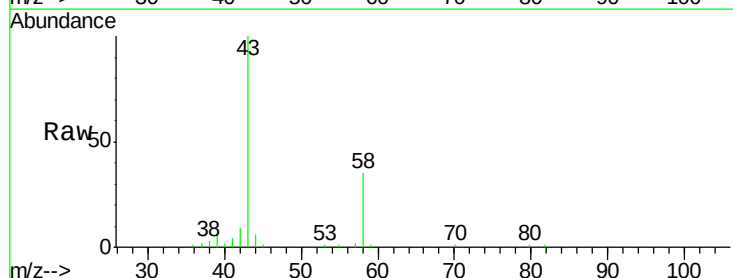
Acq: 10 Sep 2020 21:24

Tgt Ion: 43 Resp: 48132

Ion Ratio Lower Upper

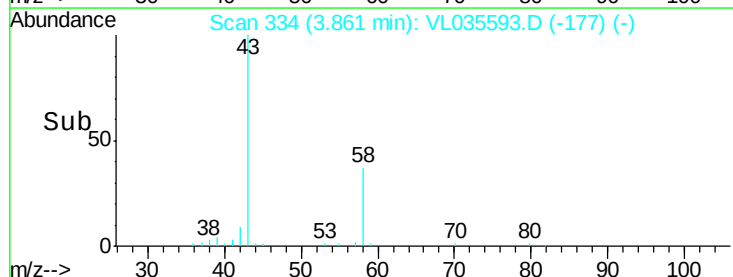
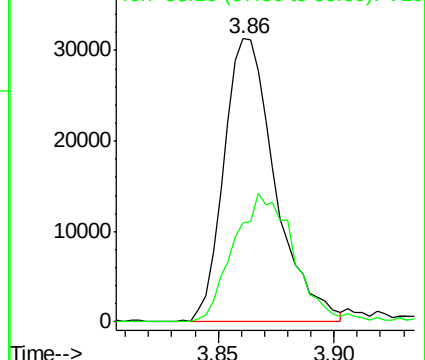
43 100

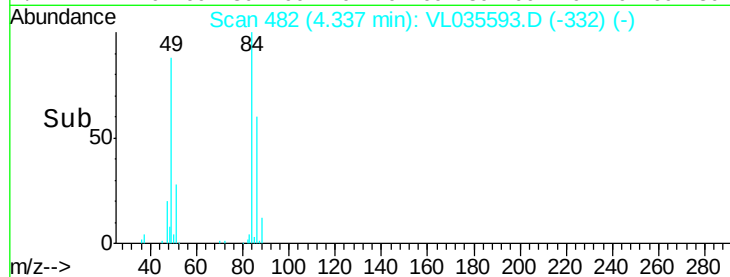
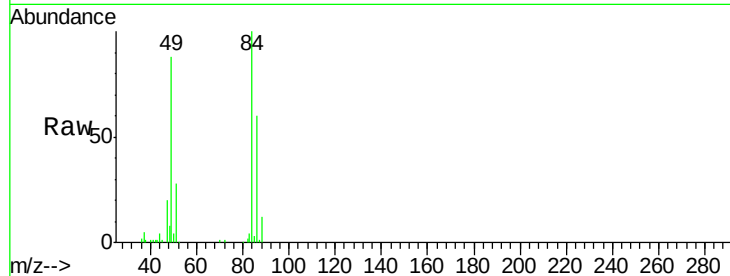
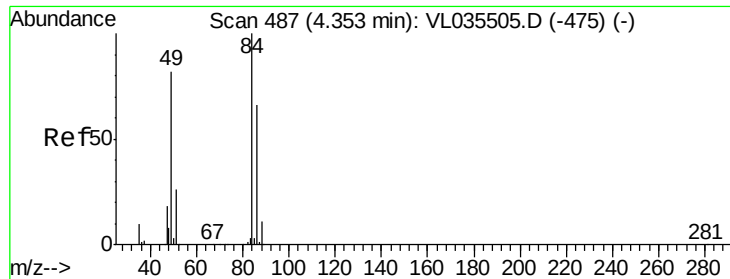
58 53.8 28.4 42.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

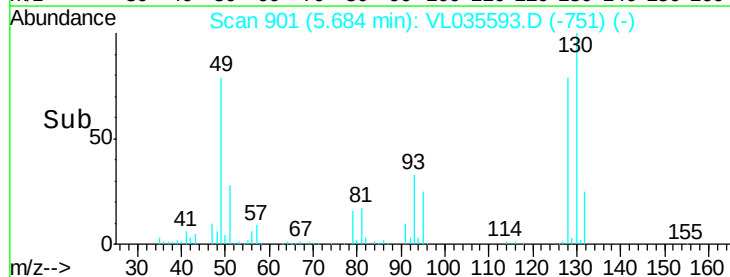
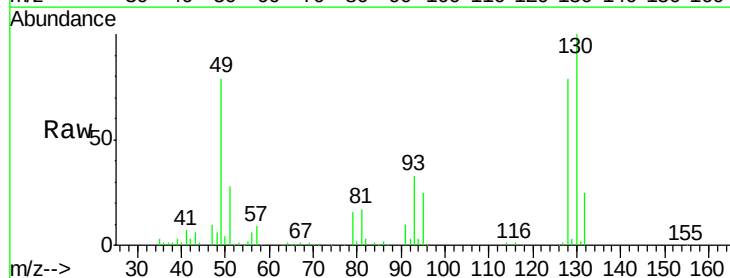
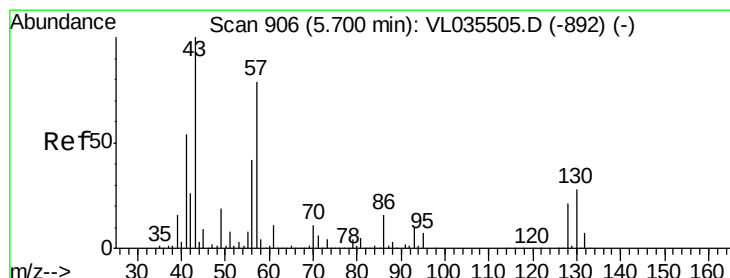
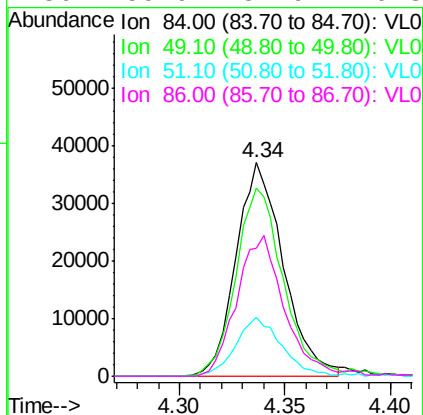




#20
Methylene Chloride
Concen: 0.689 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.02 min
Lab File: VL035593.D
Acq: 10 Sep 2020 21:24

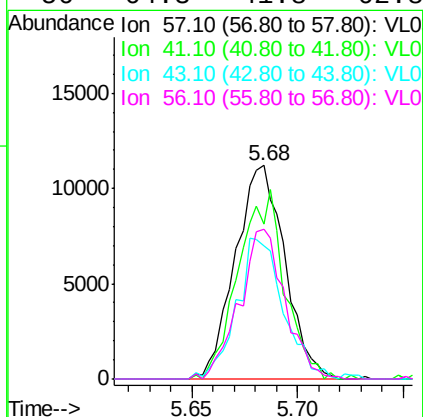
Instrument :
MSVOA_L
ClientSampleId :
CAN 10001

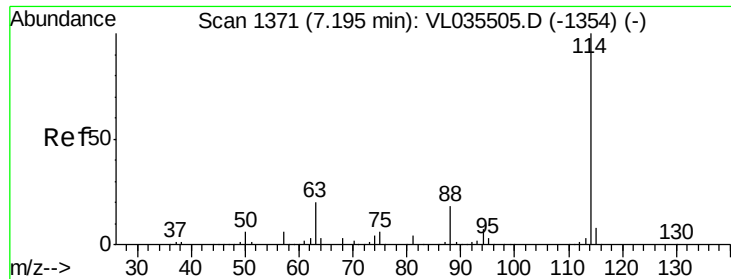
Tot Ion:	84	Resp:	57596
Ion	Ratio	Lower	Upper
84	100		
49	87.5	65.4	98.0
51	27.7	21.5	32.3
86	59.9	52.9	79.3



#26
Hexane
Concen: 0.163 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.02 min
Lab File: VL035593.D
Acq: 10 Sep 2020 21:24

Tgt Ion:	57	Resp:	18334
Ion	Ratio	Lower	Upper
57	100		
41	82.3	55.9	83.9
43	62.7	141.8	212.8#
56	64.3	41.8	62.8#

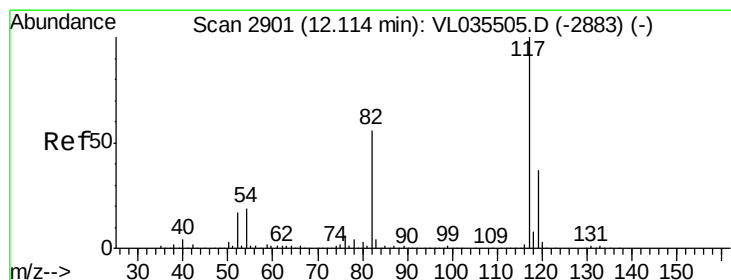
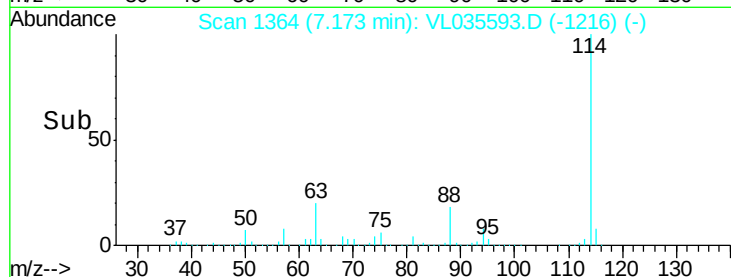
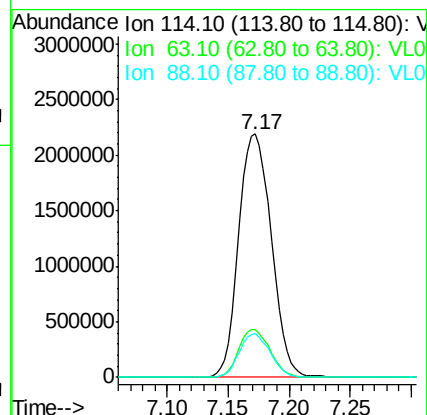
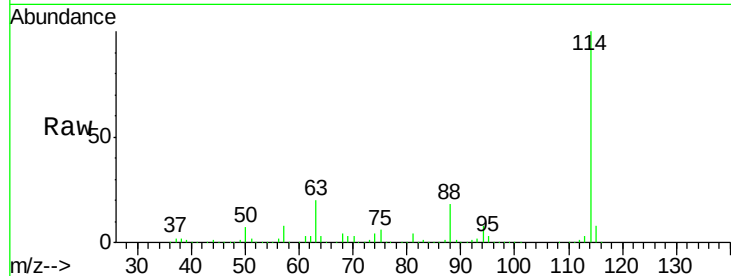




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.02 min
 Lab File: VL035593.D
 Acq: 10 Sep 2020 21:24

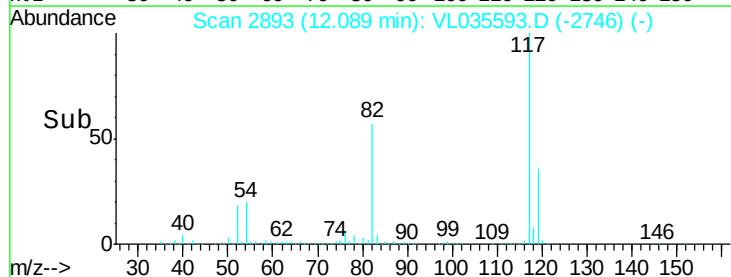
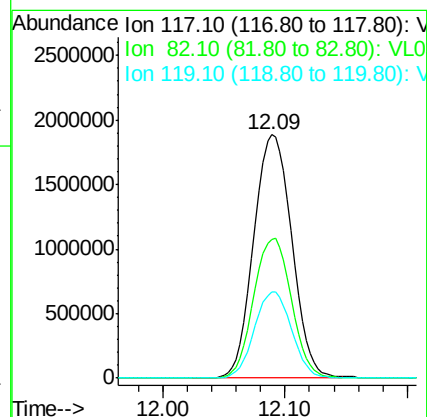
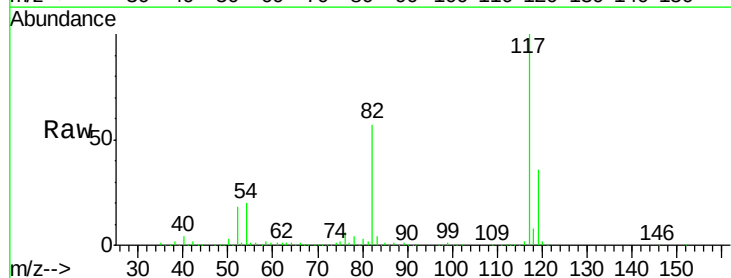
Instrument :
 MSVOA_L
 ClientSampled :
 CAN 10001

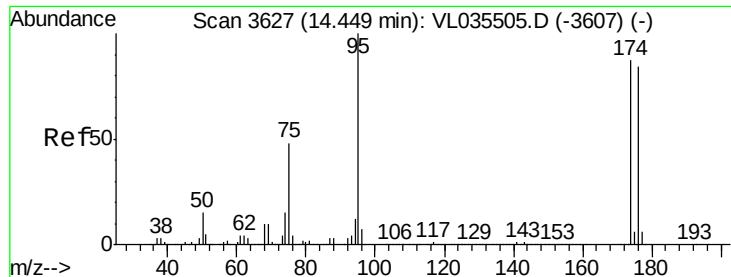
Tot Ion:114 Resp: 4075767
 Ion Ratio Lower Upper
 114 100
 63 18.9 14.7 22.1
 88 17.0 13.4 20.2



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2893
 Delta R.T. -0.03 min
 Lab File: VL035593.D
 Acq: 10 Sep 2020 21:24

Tgt Ion:117 Resp: 4082875
 Ion Ratio Lower Upper
 117 100
 82 57.2 41.6 62.4
 119 34.8 29.3 43.9





#68

1-Bromo-4-Fluorobenzene

Concen: 10.697 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. -0.03 min

Lab File: VL035593.D

Acq: 10 Sep 2020 21:24

Instrument :

MSVOA_L

ClientSampleId :

CAN 10001

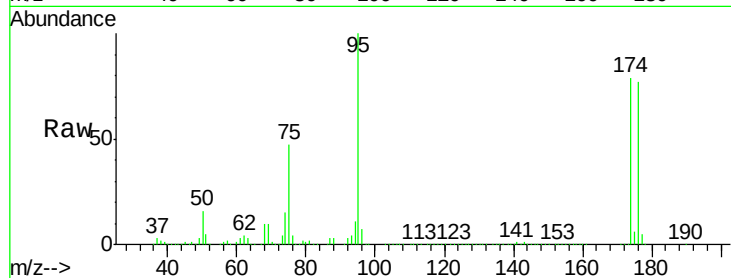
Tot Ion: 95 Resp: 3101646

Ion Ratio Lower Upper

95 100

174 80.8 69.6 104.4

175 5.8 5.1 7.7



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

