

Data File : VL035496.D
Acq On : 23 Aug 2020 11:22
Operator : SY/AP
Sample : VSTDICC0.03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Quant Time: Aug 23 11:58:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LSun Aug 23 10:33:49 2020
QLast Update : Sun Aug 23 10:33:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1016826	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4394589	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4414864	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3200098	10.35	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.50%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.04	85	6686	0.035	ppbv #	87
9) Propene	3.01	41	4062	0.079	ppbv #	82
20) Methylene Chloride	4.34	84	6457	0.068	ppbv	99
29) Chloroform	5.75	83	7979	0.031	ppbv #	77
39) 1,2-Dichloropropane	7.18	63	782509	7.361	ppbv #	32

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082320\

Quantitation Report (Not Reviewed)

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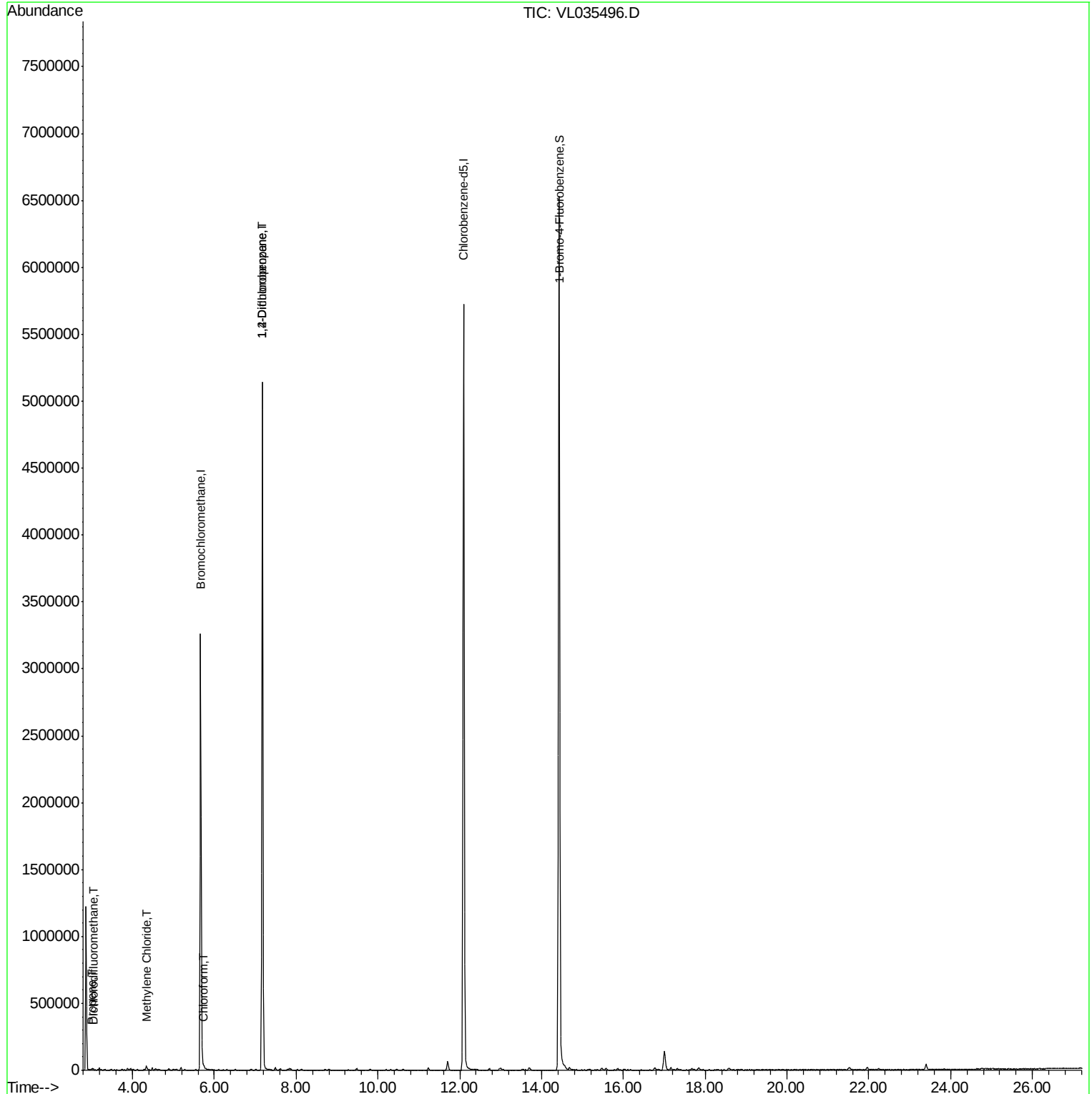
Quant Time: Aug 23 11:58:59 2020

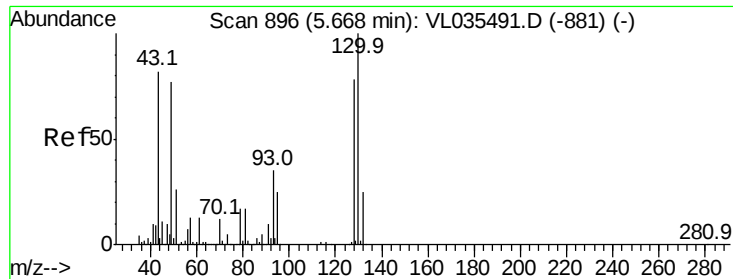
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082320AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Sun Aug 23 10:33:49 2020

QLast Update : Sun Aug 23 10:33:49 2020

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.00 min

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ClientSampleId :

VSTDIC0.03

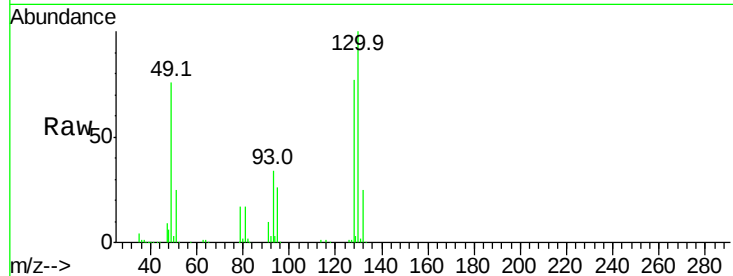
Tgt Ion: 49 Resp: 1016826

Ion Ratio Lower Upper

49 100

128 100.6 51.6 154.9

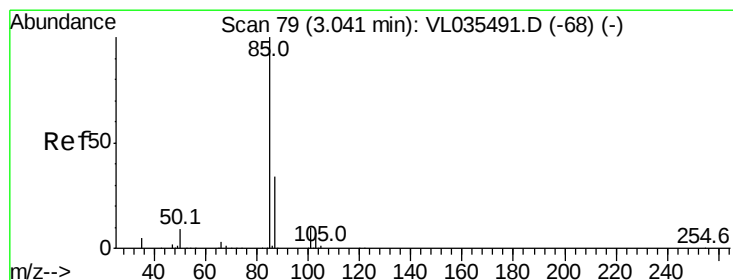
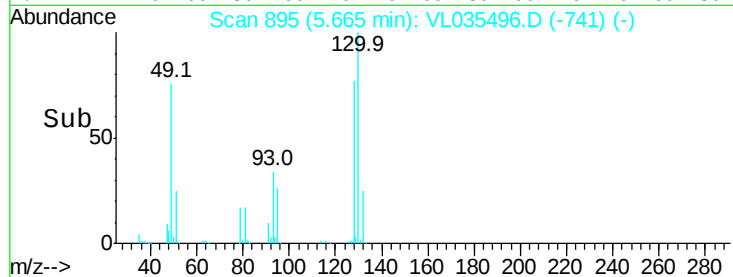
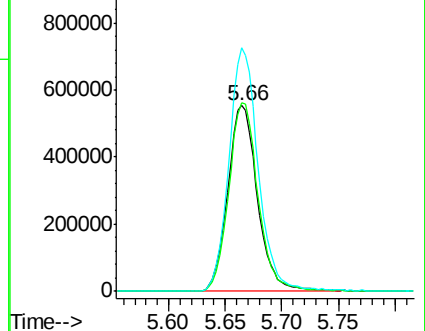
130 130.0 66.1 198.4



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



#2

Dichlorodifluoromethane

Concen: 0.035 ppbv

RT: 3.04 min Scan# 79

Delta R.T. -0.00 min

Lab File: VL035496.D

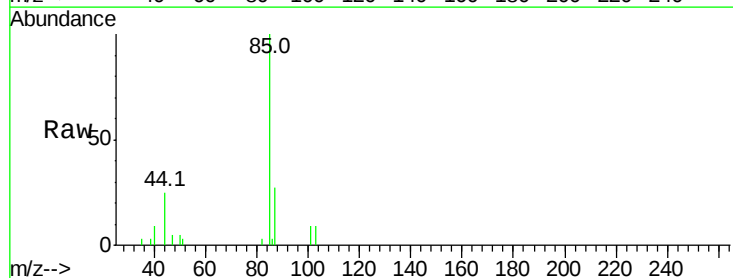
Acq: 23 Aug 2020 11:22

Tgt Ion: 85 Resp: 6686

Ion Ratio Lower Upper

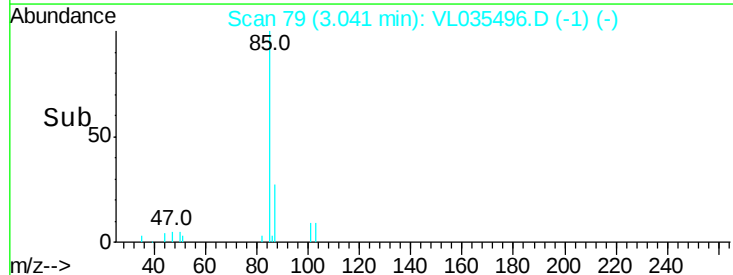
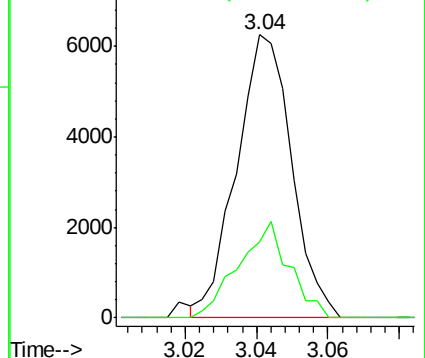
85 100

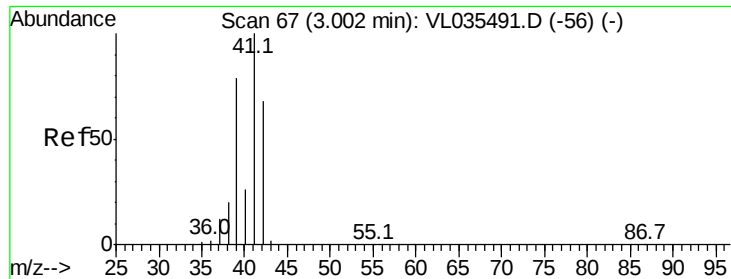
87 26.9 27.3 40.9#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#9

Propene

Concen: 0.079 ppbv

RT: 3.01 min Scan# 69

Delta R.T. 0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

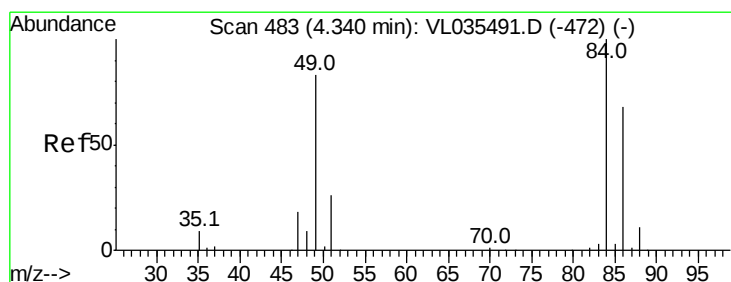
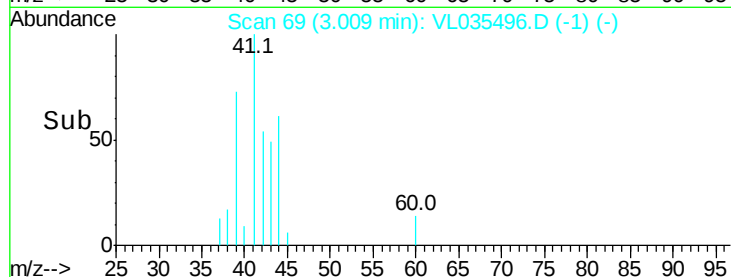
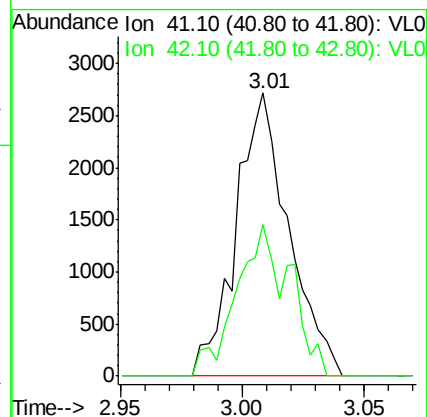
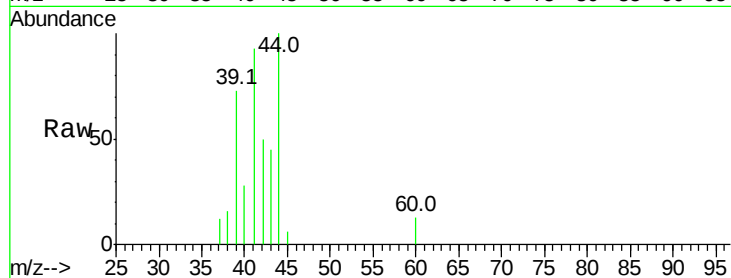
VSTDIC0.03

Tgt Ion: 41 Resp: 4062

Ion Ratio Lower Upper

41 100

42 54.3 55.3 82.9#



#20

Methylene Chloride

Concen: 0.068 ppbv

RT: 4.34 min Scan# 483

Delta R.T. -0.00 min

Lab File: VL035496.D

Acq: 23 Aug 2020 11:22

Tgt Ion: 84 Resp: 6457

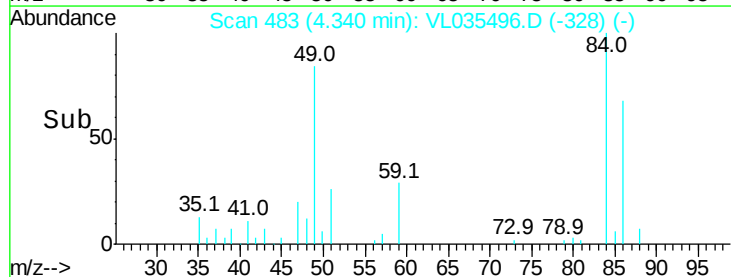
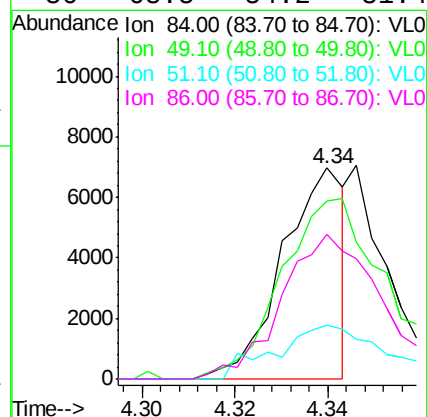
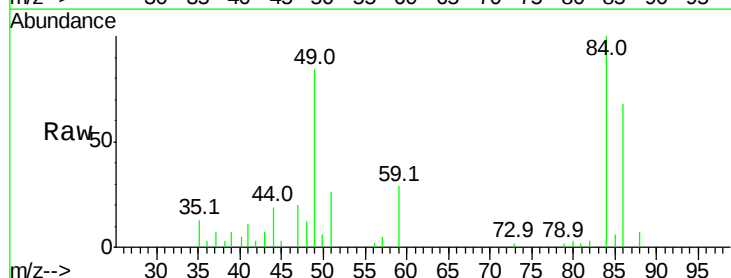
Ion Ratio Lower Upper

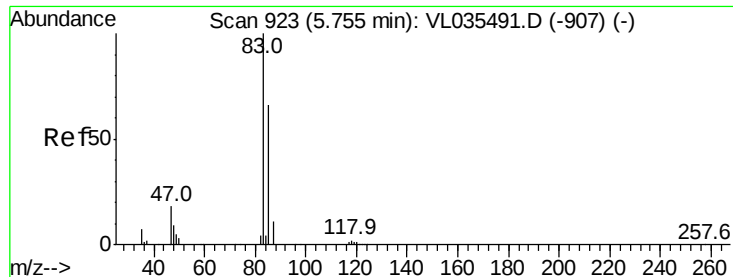
84 100

49 84.2 66.3 99.5

51 25.6 21.1 31.7

86 68.5 54.2 81.4





#29

Chloroform

Concen: 0.031 ppbv

RT: 5.75 min Scan# 921

Delta R.T. -0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

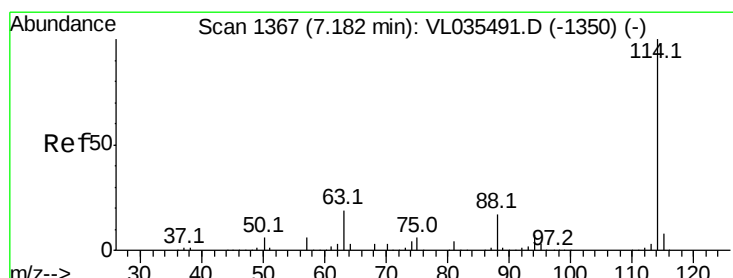
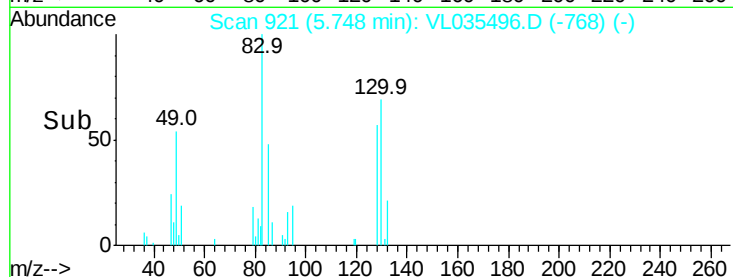
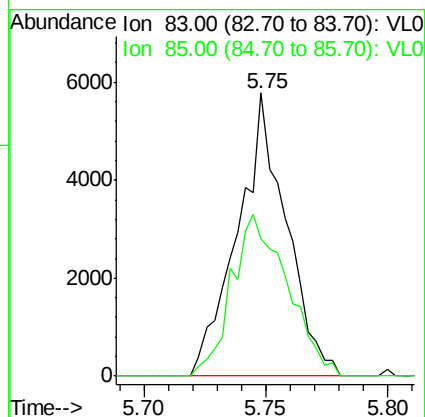
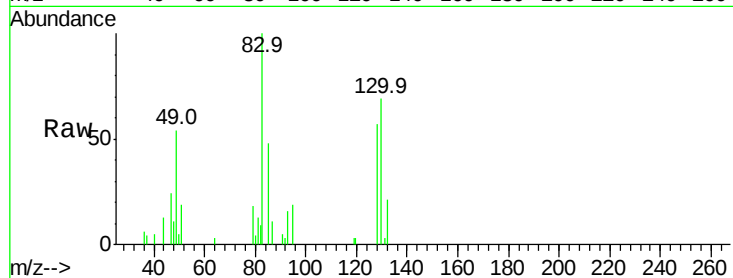
VSTDIC0.03

Tgt Ion: 83 Resp: 7979

Ion Ratio Lower Upper

83 100

85 48.4 53.1 79.7#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1365

Delta R.T. -0.01 min

Lab File: VL035496.D

Acq: 23 Aug 2020 11:22

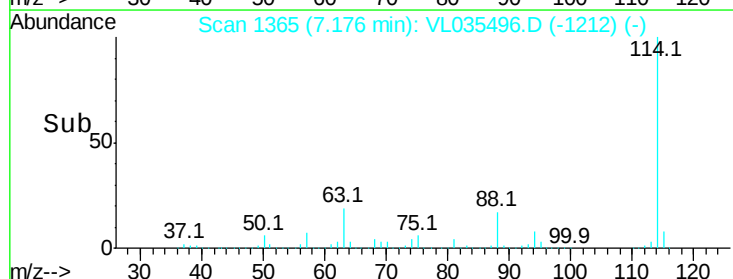
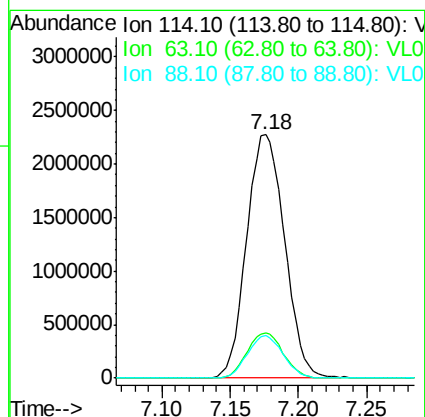
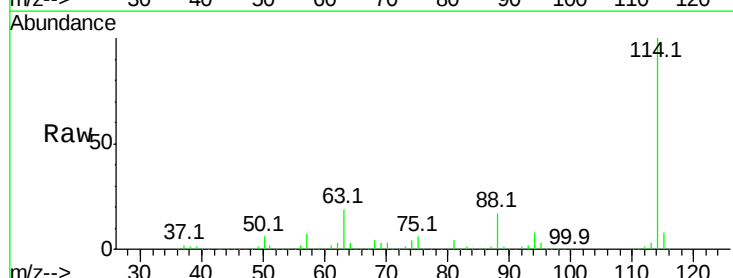
Tgt Ion: 114 Resp: 4394589

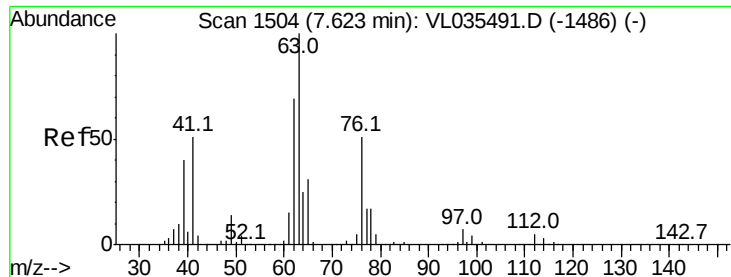
Ion Ratio Lower Upper

114 100

63 17.9 14.3 21.5

88 16.6 13.2 19.8

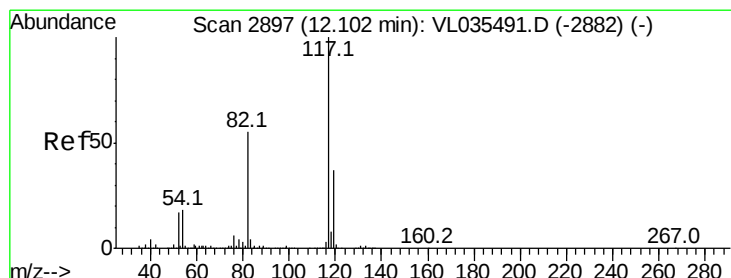
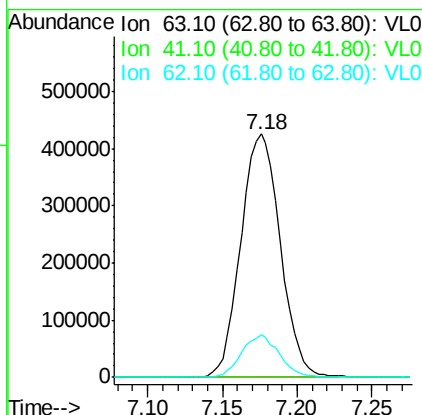
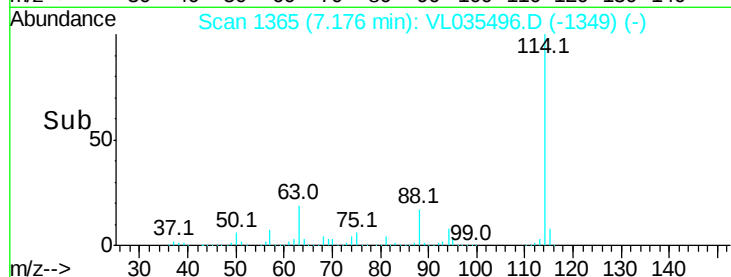
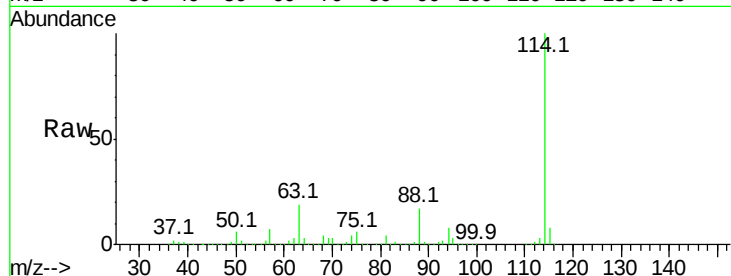




#39
 1,2-Dichloropropane
 Concen: 7.361 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.45 min
 Lab File: VL035496.D
 Acq: 23 Aug 2020 11:22

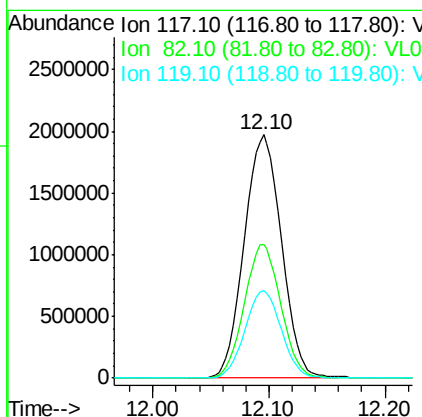
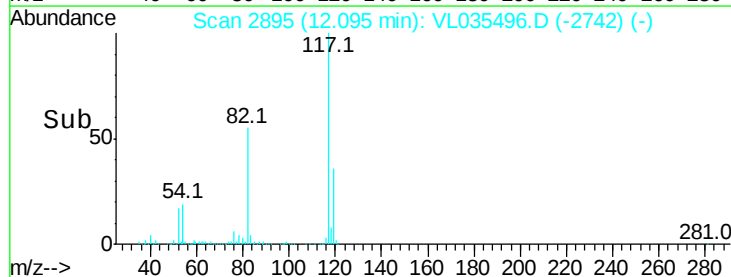
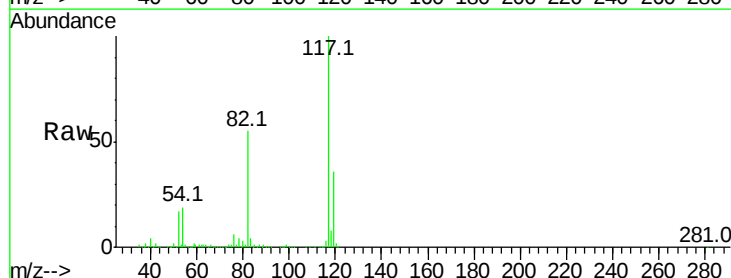
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.03

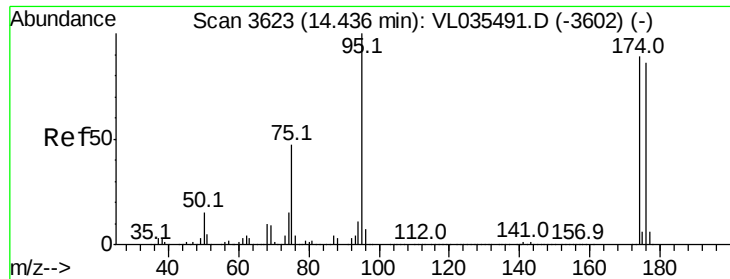
Tgt Ion: 63 Resp: 782509
 Ion Ratio Lower Upper
 63 100
 41 0.1 40.9 61.3#
 62 17.5 55.3 82.9#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2895
 Delta R.T. -0.01 min
 Lab File: VL035496.D
 Acq: 23 Aug 2020 11:22

Tgt Ion: 117 Resp: 4414864
 Ion Ratio Lower Upper
 117 100
 82 54.1 43.9 65.9
 119 35.2 30.4 45.6





#68

1-Bromo-4-Fluorobenzene

Concen: 10.354 ppbv

RT: 14.43 min Scan# 3621

Delta R.T. -0.01 min

Lab File: VL035496.D

Acq: 23 Aug 2020 11:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03

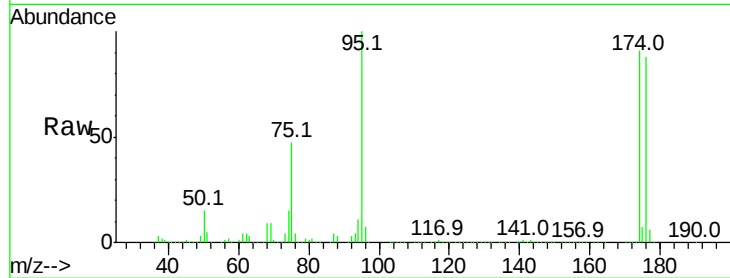
Tgt Ion: 95 Resp: 3200098

Ion Ratio Lower Upper

95 100

174 92.1 70.9 106.3

175 6.7 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

