

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121020\
Quantitation Report (Not Reviewed)

Data File : VL036140.D
Acq On : 10 Dec 2020 22:53
Operator : SY/AP
Sample : L4930-02DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-SG-1DL

Quant Time: Dec 11 03:31:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Dec 07 16:56:49 2020
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1347704	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.16	114	2661779	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.07	117	2372354	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2020417	10.73	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.30%

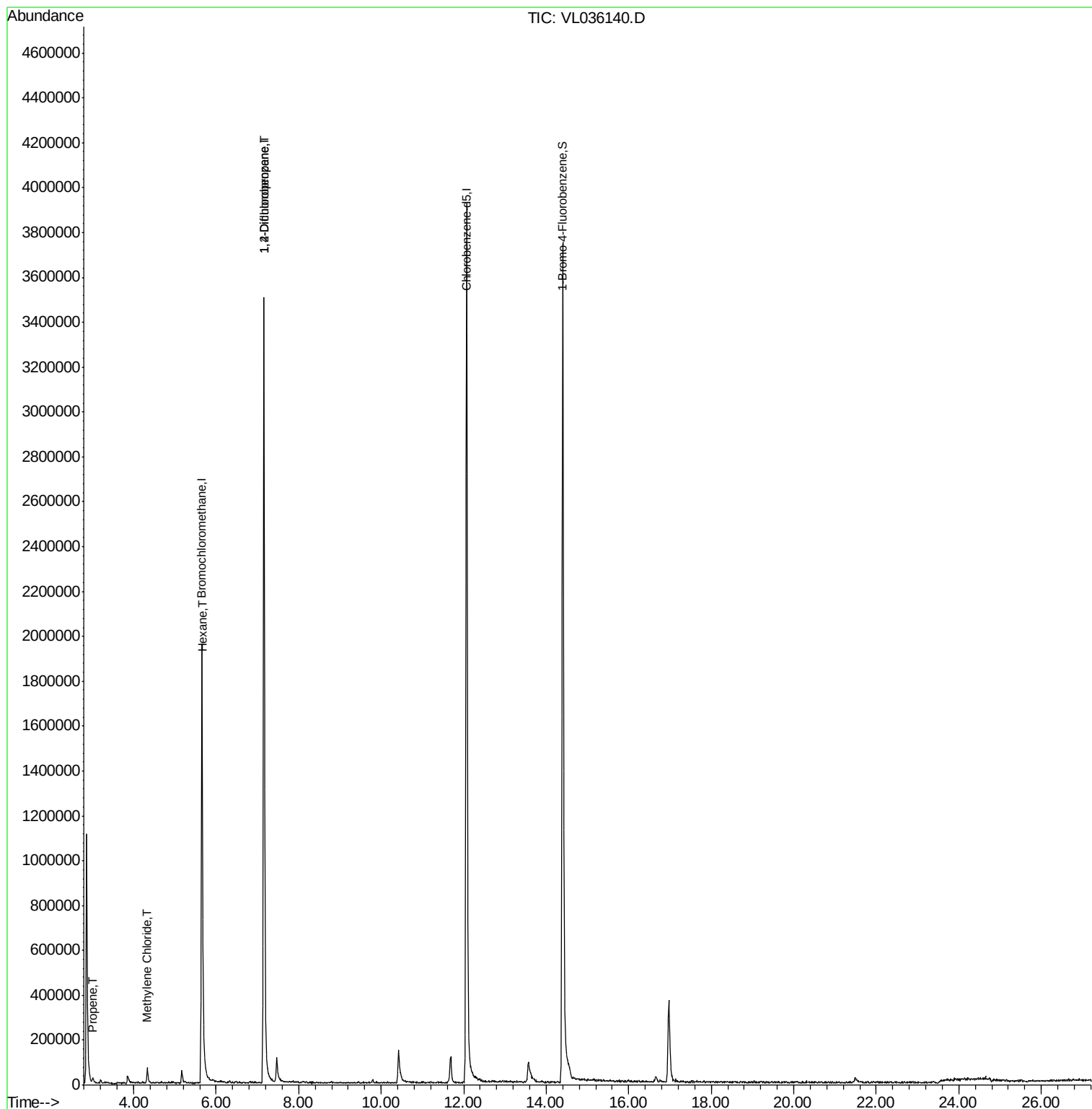
Target Compounds					Qvalue	
9) Propene	3.00	41	4125	0.054	ppbv #	58
20) Methylene Chloride	4.32	84	8523	0.128	ppbv	92
26) Hexane	5.67	57	6658	0.046	ppbv #	42
39) 1,2-Dichloropropane	7.16	63	844599	9.481	ppbv #	25

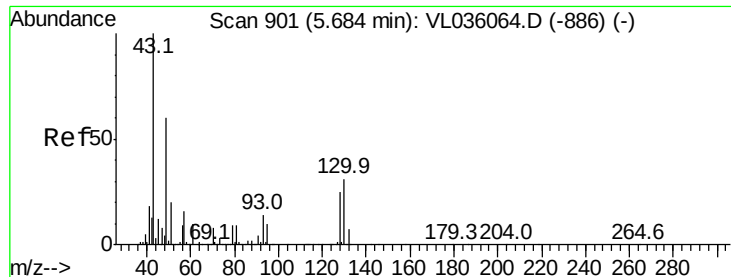
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 11 03:31:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 07 16:56:49 2020
QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.03 min

Lab File: VL036140.D

Acq: 10 Dec 2020 22:53

Instrument :

MSVOA_L

ClientSampleId :

OFFSITE-SG-1DL

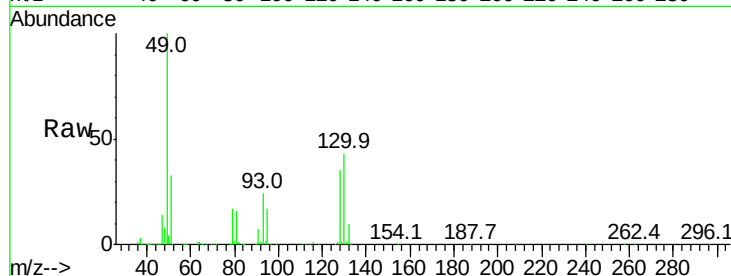
Tgt Ion: 49 Resp: 1347704

Ion Ratio Lower Upper

49 100

128 35.8 21.1 63.1

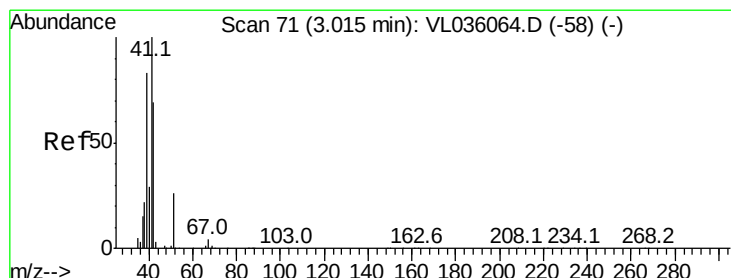
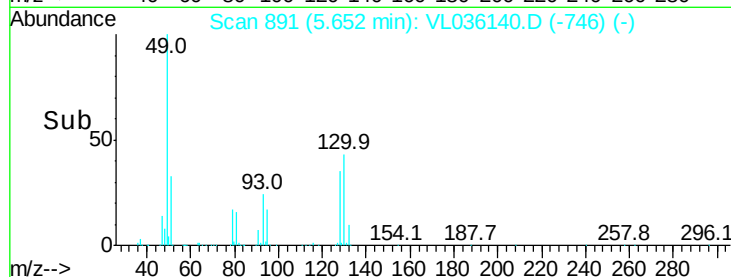
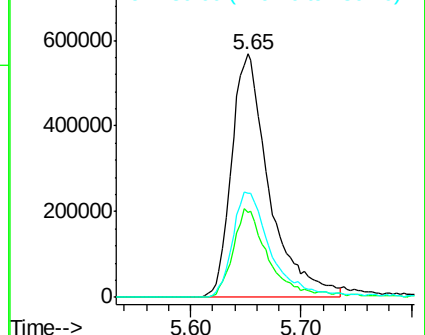
130 45.4 27.1 81.3



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



#9

Propene

Concen: 0.054 ppbv

RT: 3.00 min Scan# 67

Delta R.T. -0.01 min

Lab File: VL036140.D

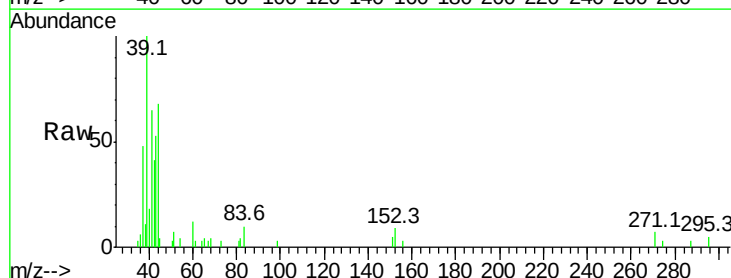
Acq: 10 Dec 2020 22:53

Tgt Ion: 41 Resp: 4125

Ion Ratio Lower Upper

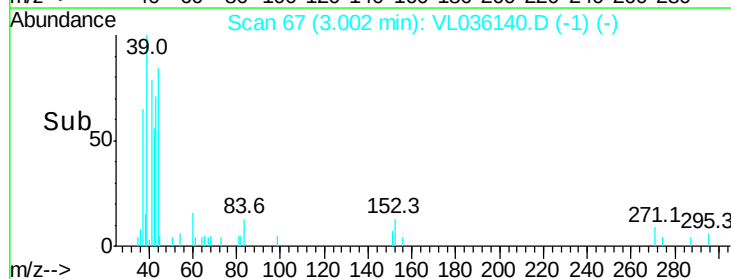
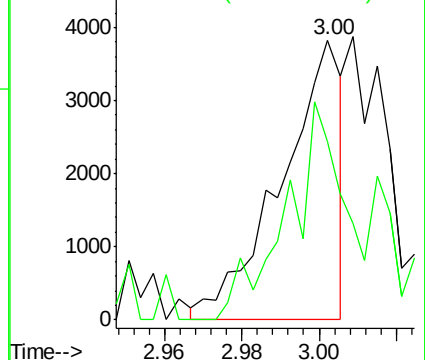
41 100

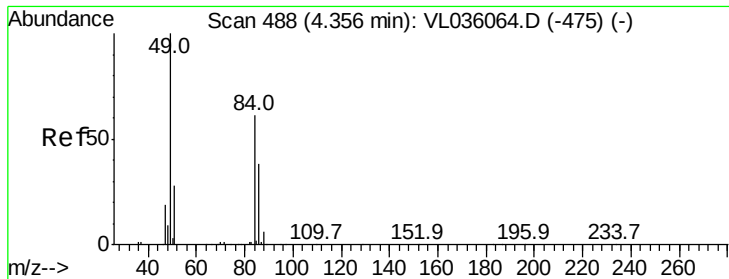
42 106.4 57.0 85.6#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

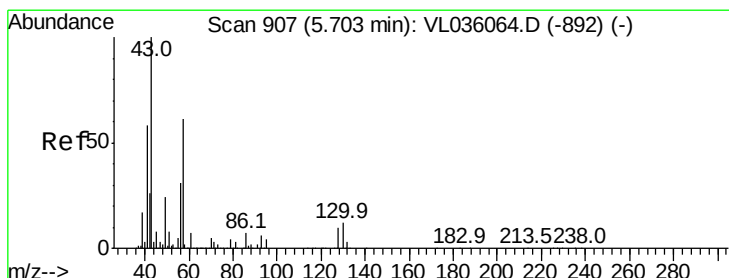
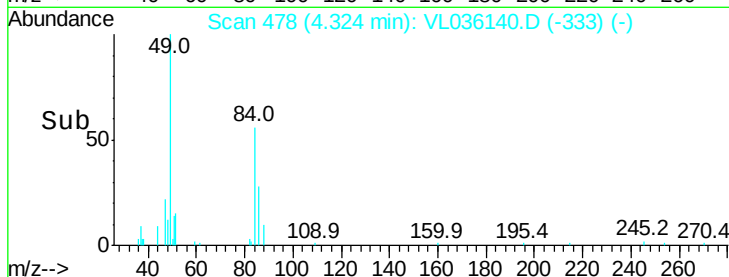
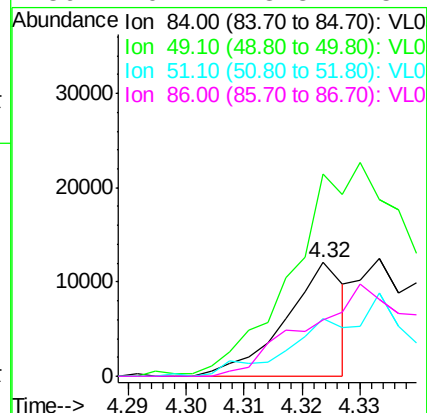
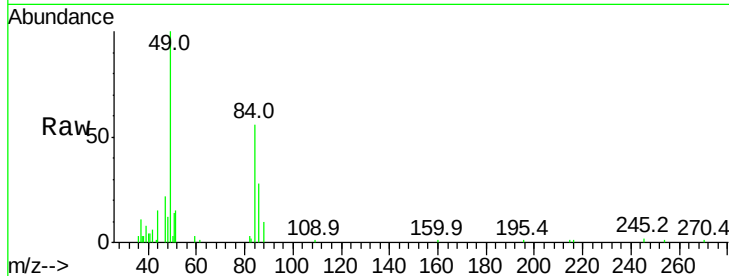




#20
Methylene Chloride
Concen: 0.128 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.03 min
Lab File: VL036140.D
Acq: 10 Dec 2020 22:53

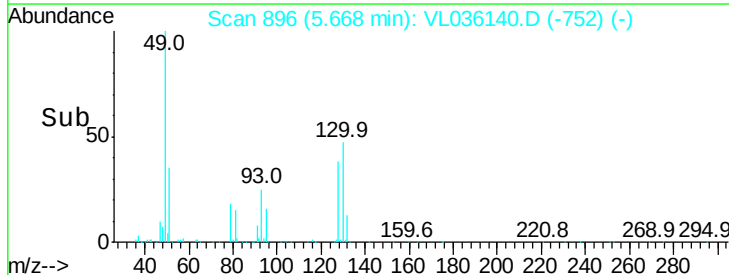
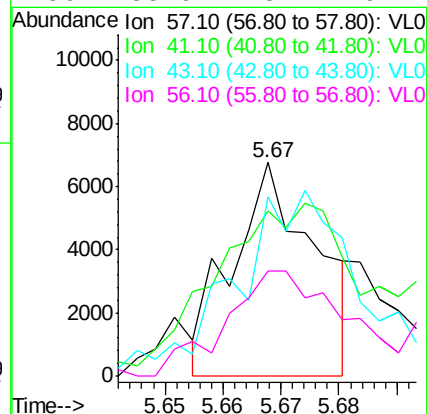
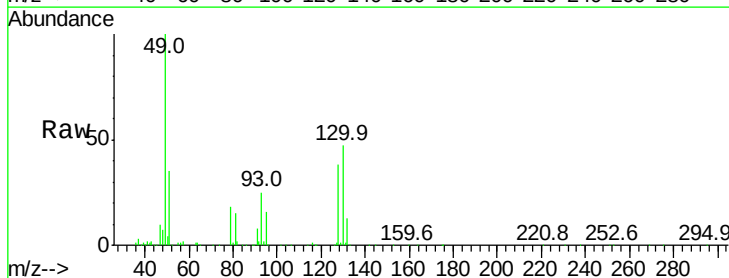
Instrument :
MSVOA_L
ClientSampleId :
OFFSITE-SG-1DL

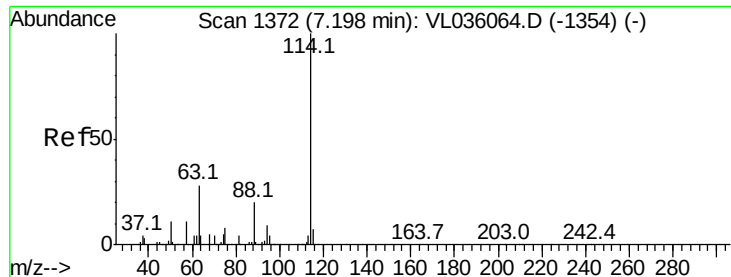
Tgt Ion:	84	Resp:	8523
Ion	Ratio	Lower	Upper
84	100		
49	176.0	133.0	199.4
51	51.1	38.9	58.3
86	49.7	48.8	73.2



#26
Hexane
Concen: 0.046 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.04 min
Lab File: VL036140.D
Acq: 10 Dec 2020 22:53

Tgt Ion:	57	Resp:	6658
Ion	Ratio	Lower	Upper
57	100		
41	164.1	82.9	124.3#
43	146.8	199.9	299.9#
56	88.9	43.1	64.7#

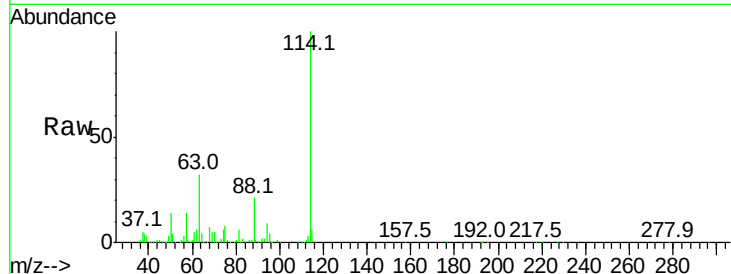




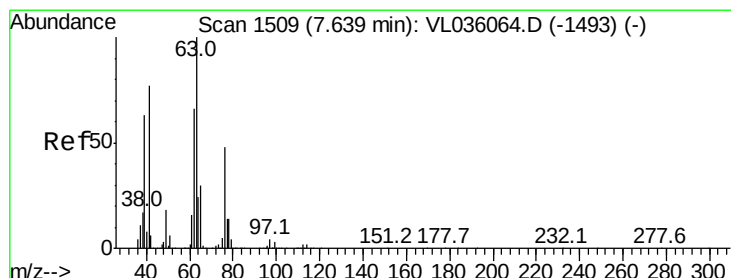
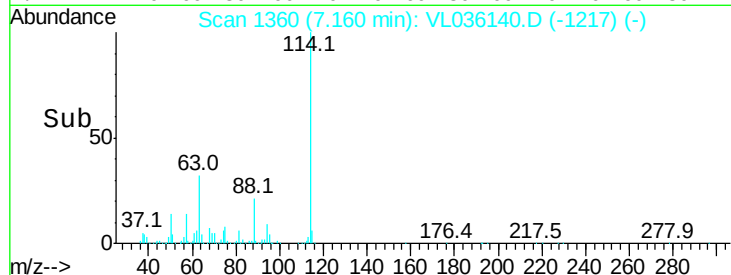
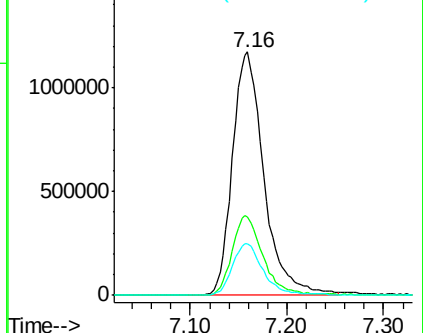
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. -0.04 min
 Lab File: VL036140.D
 Acq: 10 Dec 2020 22:53

Instrument :
 MSVOA_L
 ClientSampleId :
 OFFSITE-SG-1DL

Tgt Ion: 114 Resp: 2661779
 Ion Ratio Lower Upper
 114 100
 63 32.6 23.6 35.4
 88 21.1 15.8 23.6

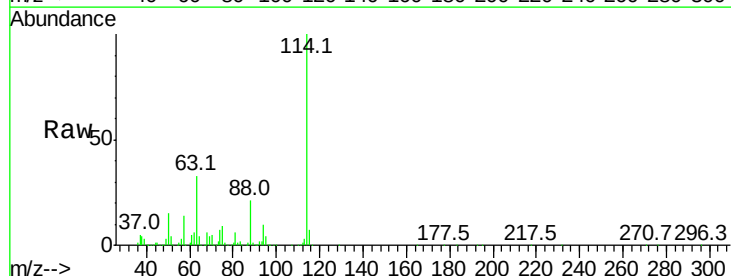


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

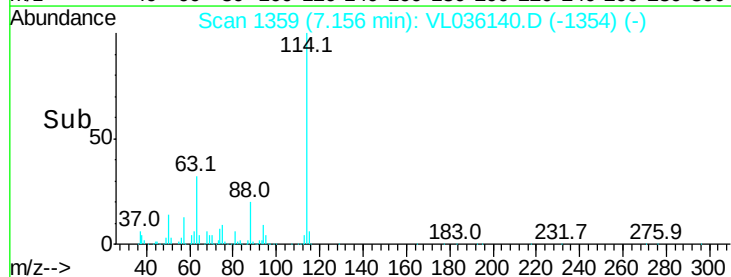
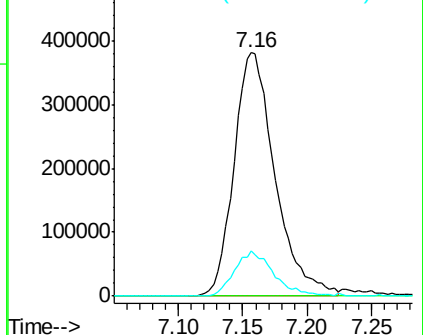


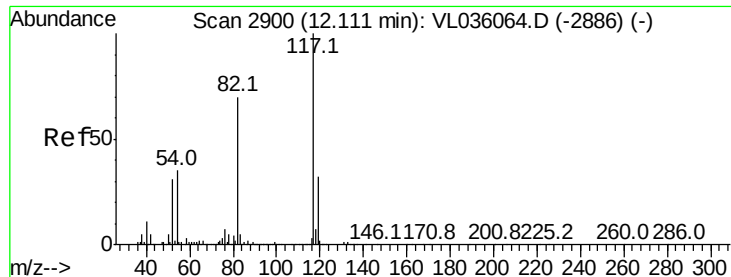
#39
 1,2-Dichloropropane
 Concen: 9.481 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. -0.48 min
 Lab File: VL036140.D
 Acq: 10 Dec 2020 22:53

Tgt Ion: 63 Resp: 844599
 Ion Ratio Lower Upper
 63 100
 41 0.2 61.9 92.9#
 62 18.6 52.5 78.7#



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: 12.07 min Scan# 2887

Delta R.T. -0.04 min

Lab File: VL036140.D

Acq: 10 Dec 2020 22:53

Instrument :

MSVOA_L

ClientSampleId :

OFFSITE-SG-1DL

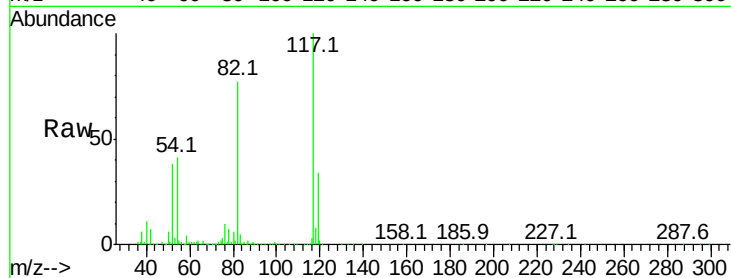
Tgt Ion: 117 Resp: 2372354

Ion Ratio Lower Upper

117 100

82 80.7 0.0 0.0#

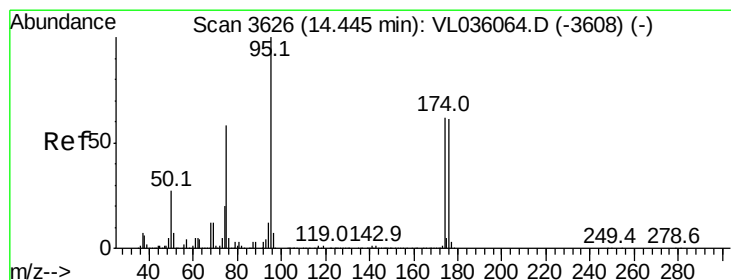
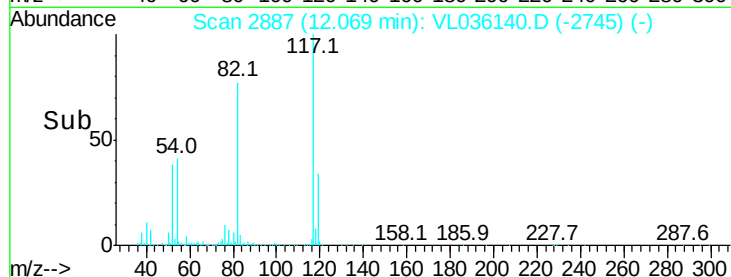
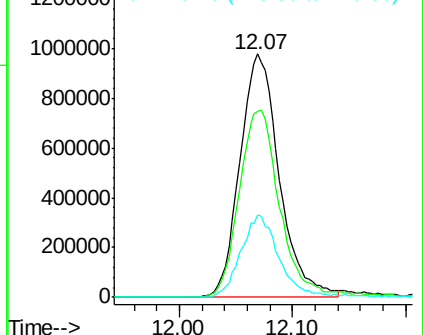
119 33.4 0.0 0.0#



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.725 ppbv

RT: 14.40 min Scan# 3613

Delta R.T. -0.04 min

Lab File: VL036140.D

Acq: 10 Dec 2020 22:53

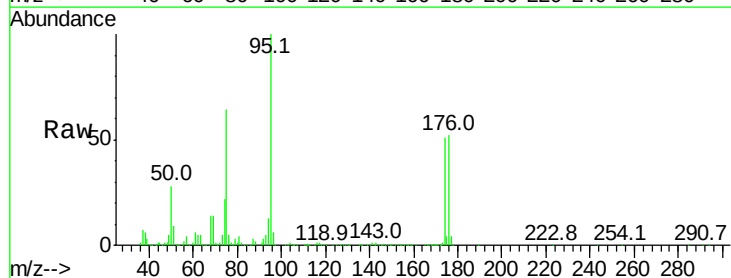
Tgt Ion: 95 Resp: 2020417

Ion Ratio Lower Upper

95 100

174 56.6 50.7 76.1

175 3.8 4.0 6.0#



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

