

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL033121\
Quantitation Report (Not Reviewed)

Data File : VL036592.D
Acq On : 31 Mar 2021 6:26
Operator : SY/AP
Sample : VL0331ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0331ABL01

Quant Time: Mar 31 12:15:54 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1257882	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	2885939	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	2511808	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1967338	9.83	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.30%

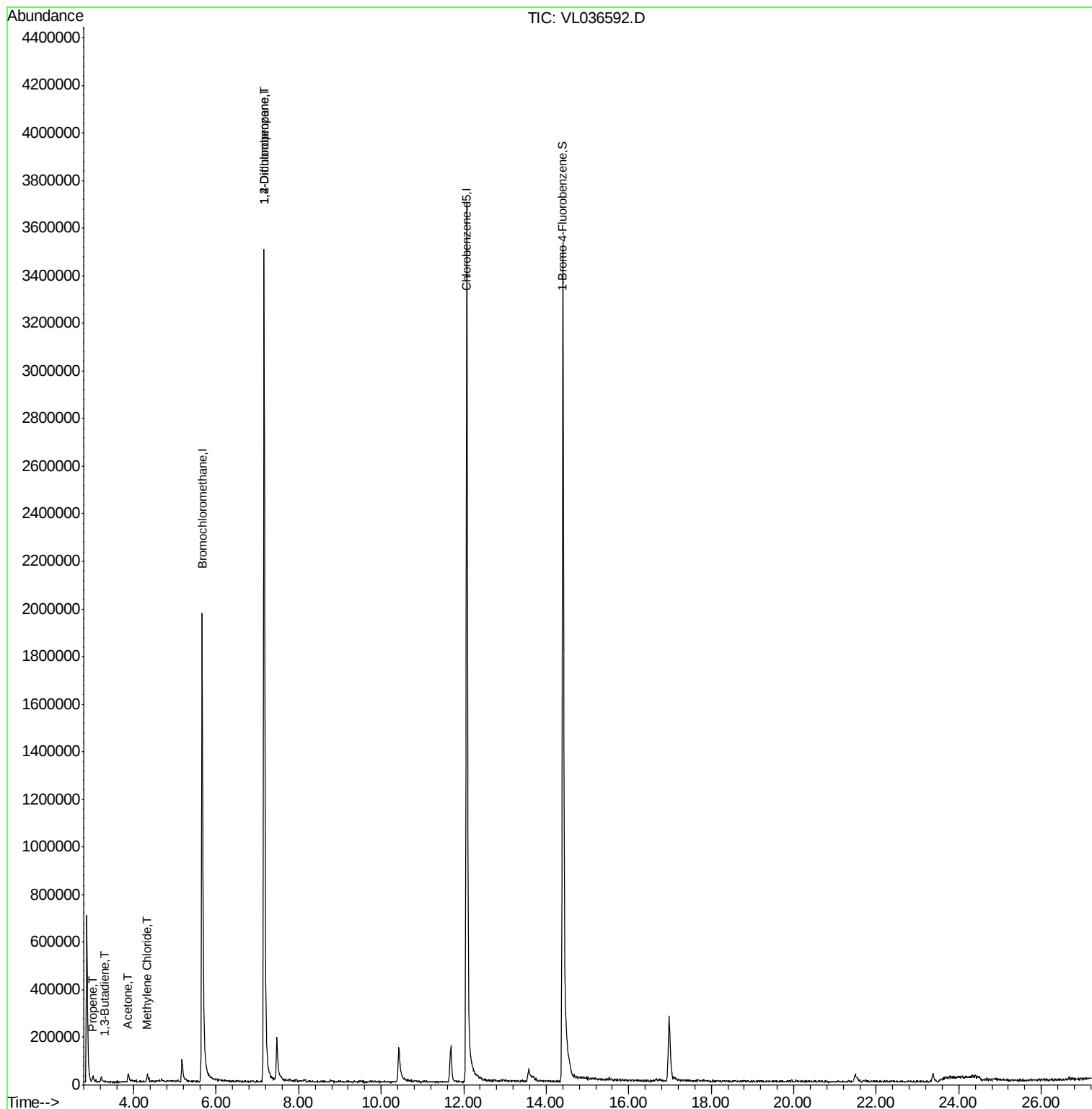
Target Compounds						Qvalue
9) Propene	3.02	41	7489	0.100	ppbv	90
15) Acetone	3.87	43	30815	0.249	ppbv #	1
16) 1,3-Butadiene	3.30	39	2520	0.029	ppbv #	13
20) Methylene Chloride	4.33	84	3790	0.065	ppbv #	84
39) 1,2-Dichloropropane	7.16	63	777568	7.202	ppbv #	23

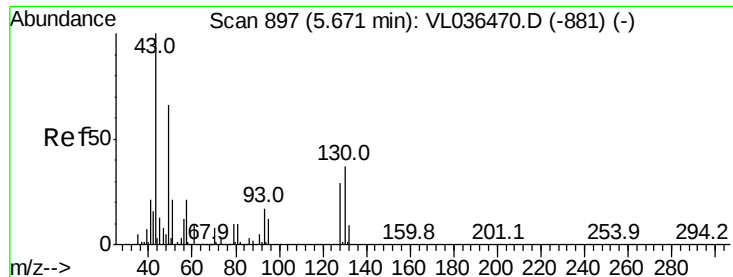
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.01 min

Lab File: VL036592.D

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Instrument :

MSVOA_L

ClientSampleId :

VL0331ABL01

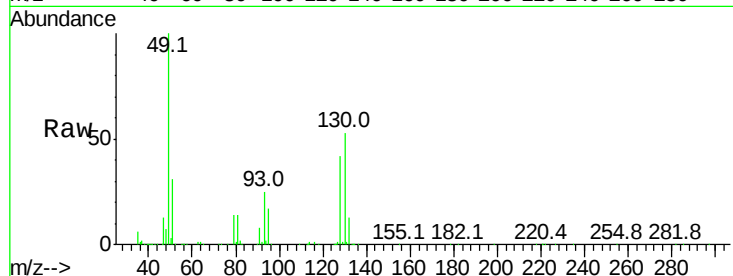
Tgt Ion: 49 Resp: 1257882

Ion Ratio Lower Upper

49 100

128 45.0 23.5 70.6

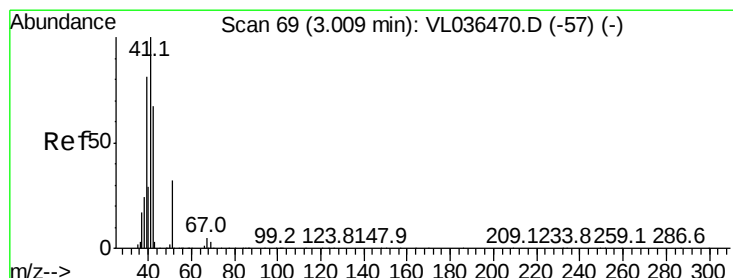
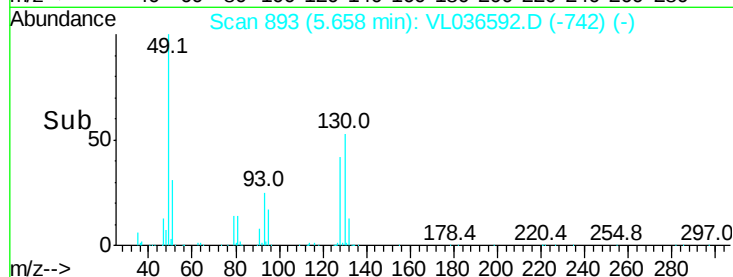
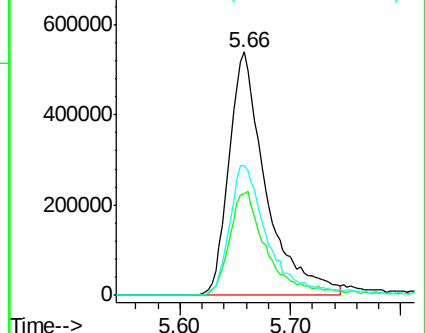
130 56.4 29.1 87.4



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



#9

Propene

Concen: 0.100 ppbv

RT: 3.02 min Scan# 71

Delta R.T. 0.01 min

Lab File: VL036592.D

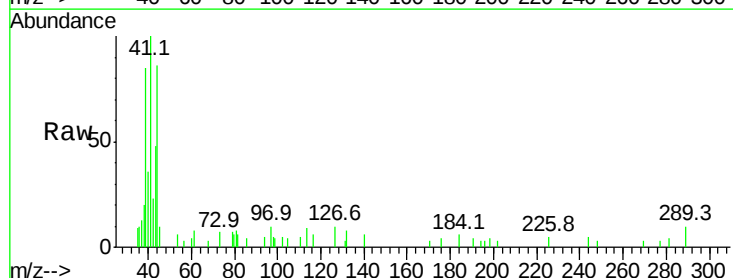
Acq: 31 Mar 2021 6:26

Tgt Ion: 41 Resp: 7489

Ion Ratio Lower Upper

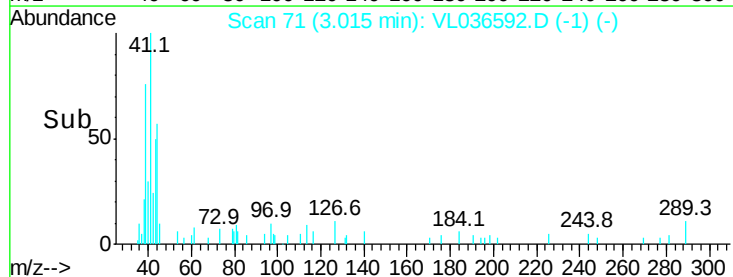
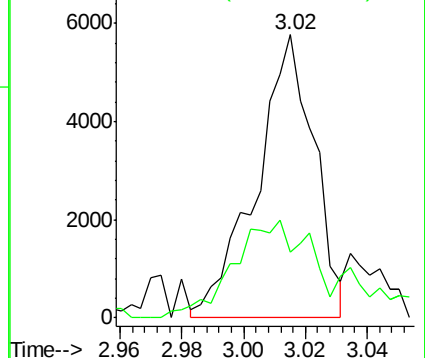
41 100

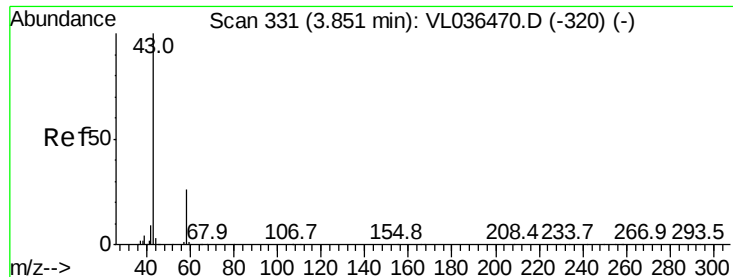
42 62.7 57.0 85.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.249 ppbv

RT: 3.87 min Scan# 336

Delta R.T. 0.02 min

Lab File: VL036592.D

Acq: 31 Mar 2021 6:26

Instrument :

MSVOA_L

ClientSampleId :

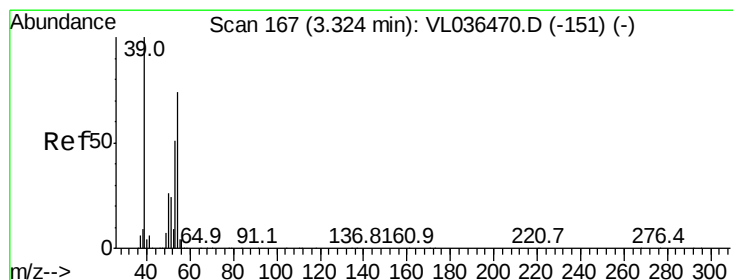
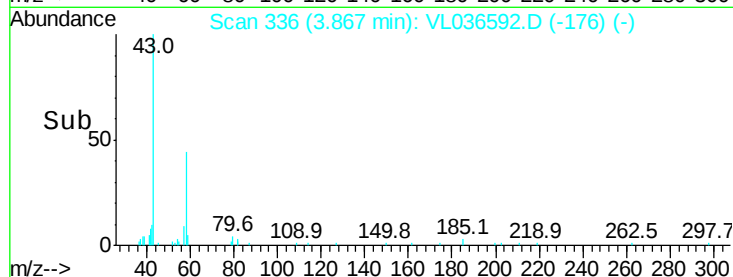
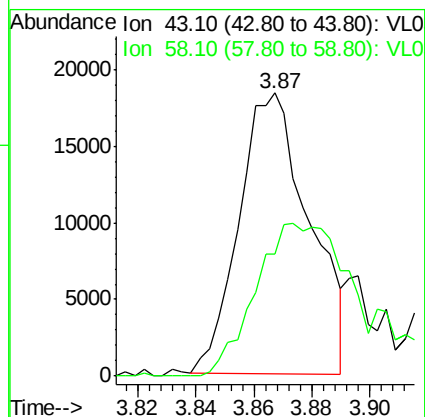
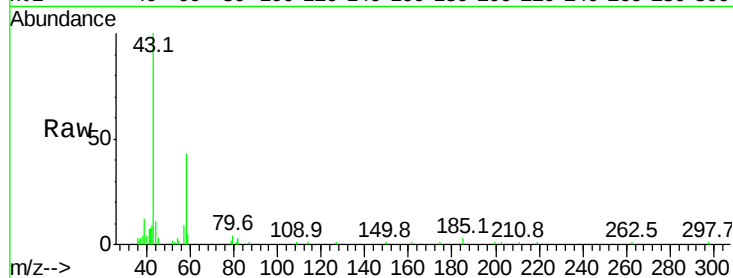
VL0331ABL01

Tgt Ion: 43 Resp: 30815

Ion Ratio Lower Upper

43 100

58 95.3 21.2 31.8#



#16

1,3-Butadiene

Concen: 0.029 ppbv

RT: 3.30 min Scan# 160

Delta R.T. -0.02 min

Lab File: VL036592.D

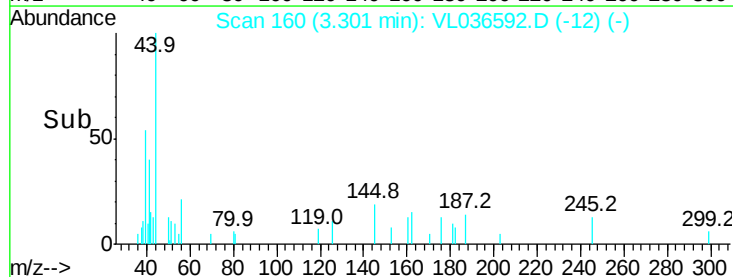
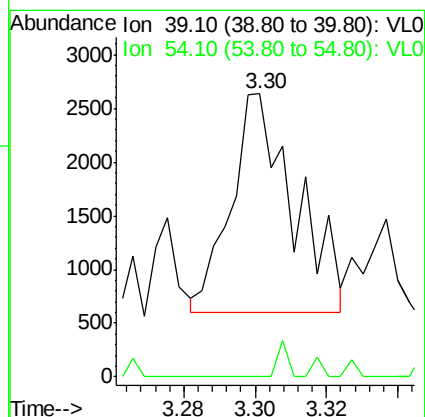
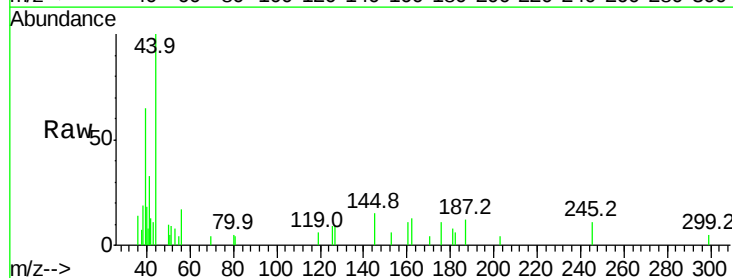
Acq: 31 Mar 2021 6:26

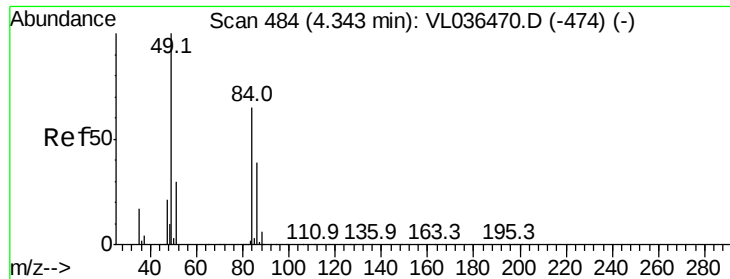
Tgt Ion: 39 Resp: 2520

Ion Ratio Lower Upper

39 100

54 0.0 58.8 88.2#

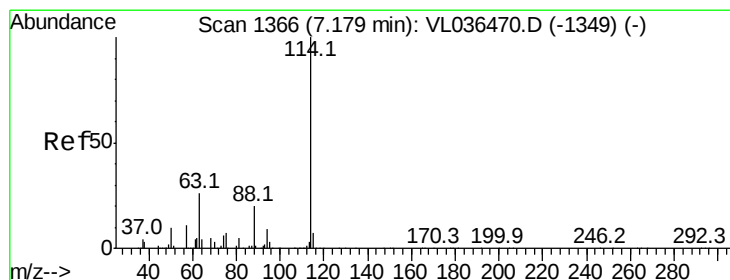
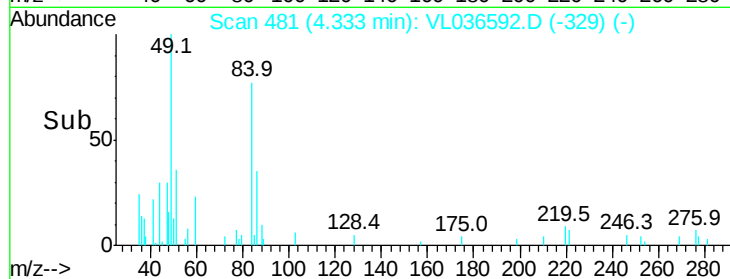
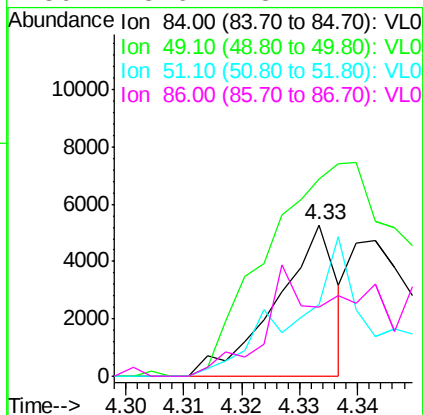
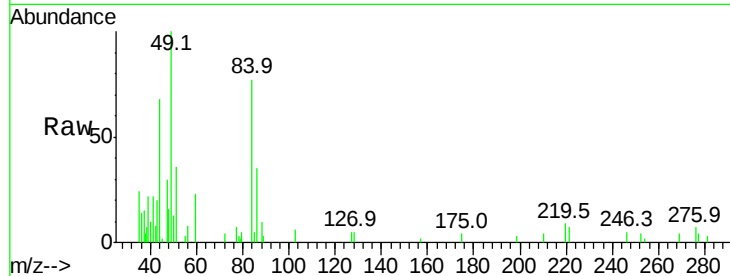




#20
Methylene Chloride
Concen: 0.065 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL036592.D
Acq: 31 Mar 2021 6:26

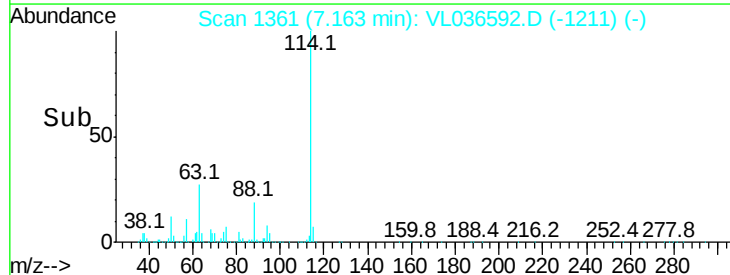
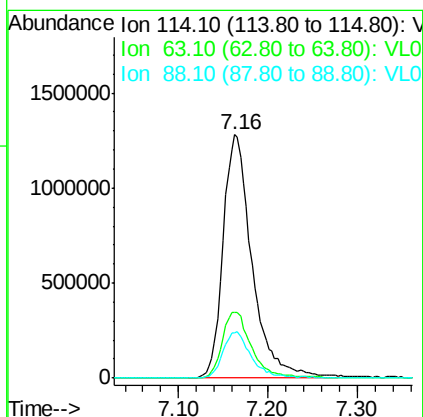
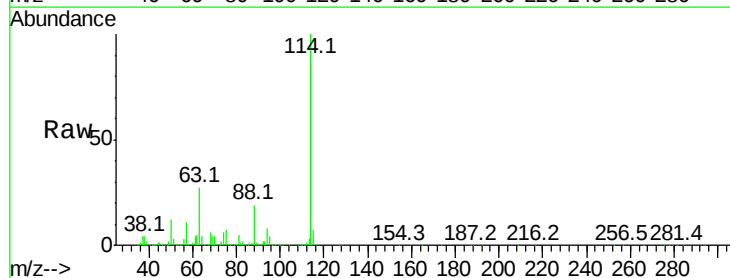
Instrument :
MSVOA_L
ClientSampleId :
VL0331ABL01

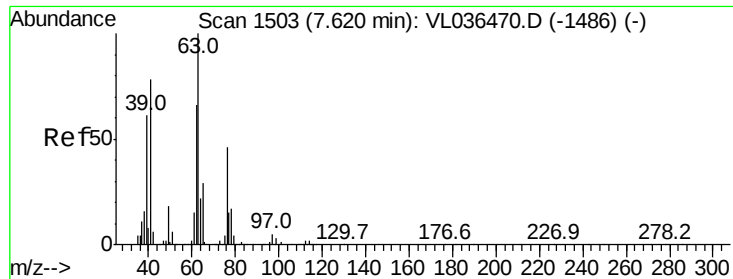
Tgt Ion:	84	Resp:	3790
Ion	Ratio	Lower	Upper
84	100		
49	130.4	122.9	184.3
51	47.4	36.9	55.3
86	45.6	48.2	72.4#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.02 min
Lab File: VL036592.D
Acq: 31 Mar 2021 6:26

Tgt Ion:	114	Resp:	2885939
Ion	Ratio	Lower	Upper
114	100		
63	27.7	22.4	33.6
88	18.8	15.4	23.0





#39

1,2-Dichloropropane

Concen: 7.202 ppbv

RT: 7.16 min Scan# 1360

Delta R.T. -0.46 min

Lab File: VL036592.D

Acq: 31 Mar 2021 6:26

Instrument :

MSVOA_L

ClientSampleId :

VL0331ABL01

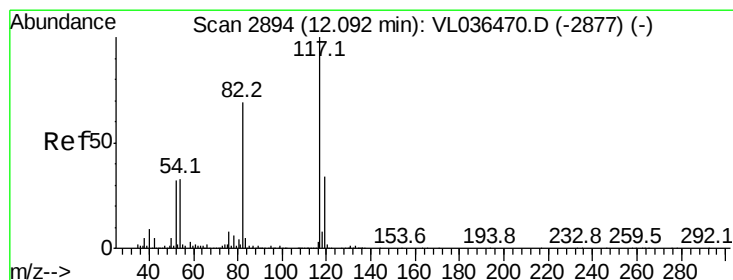
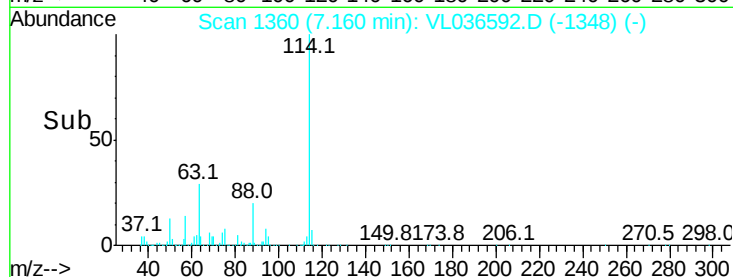
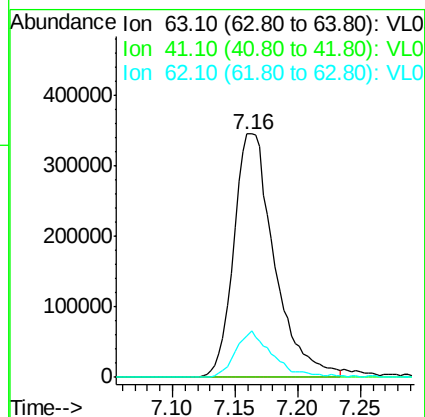
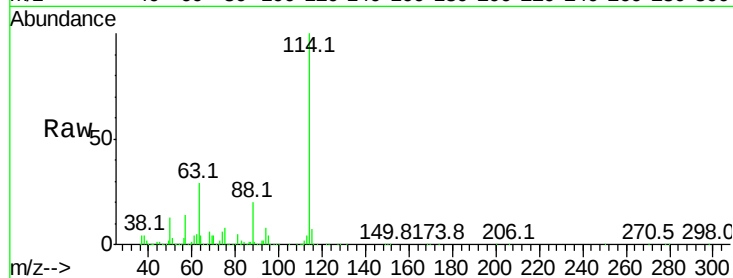
Tgt Ion: 63 Resp: 777568

Ion Ratio Lower Upper

63 100

41 0.2 62.4 93.6#

62 17.1 52.8 79.2#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.07 min Scan# 2888

Delta R.T. -0.02 min

Lab File: VL036592.D

Acq: 31 Mar 2021 6:26

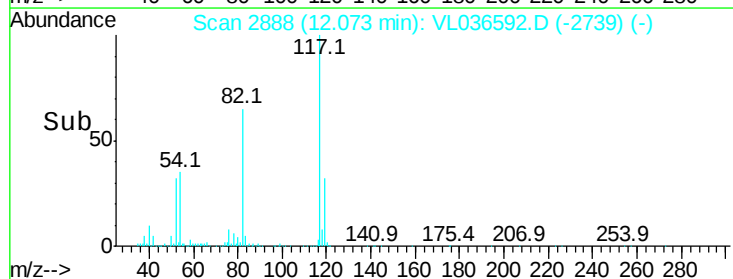
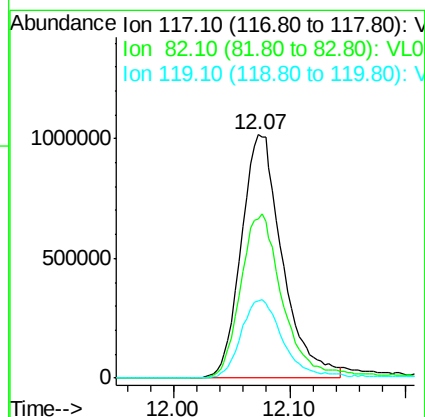
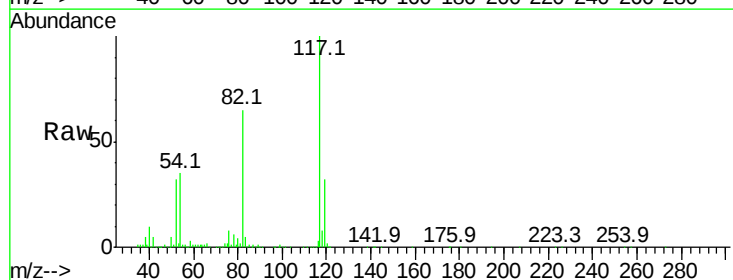
Tgt Ion: 117 Resp: 2511808

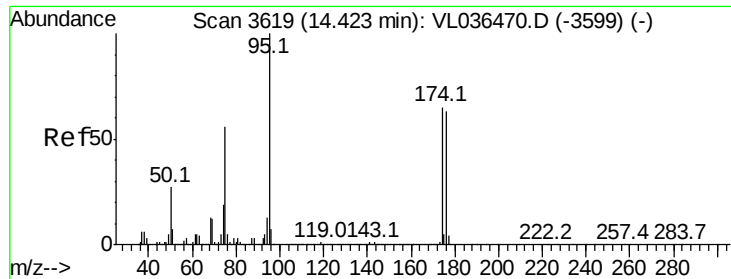
Ion Ratio Lower Upper

117 100

82 71.6 57.4 86.0

119 34.2 47.4 71.0#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.827 ppbv

RT: 14.40 min Scan# 3613

Delta R.T. -0.02 min

Lab File: VL036592.D

Acq: 31 Mar 2021 6:26

Instrument :

MSVOA_L

ClientSampleId :

VL0331ABL01

Tgt Ion: 95 Resp: 1967338

Ion Ratio Lower Upper

95 100

174 66.3 51.0 76.6

175 4.7 3.9 5.9

