

Data File : VL036000.D
Acq On : 24 Nov 2020 19:09
Operator : SY/AP
Sample : QC112320 CAN 10267
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC112320 CAN 10267

Quant Time: Nov 25 00:36:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1240036	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.14	114	4315209	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.06	117	4081016	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	3101849	10.70	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.00%

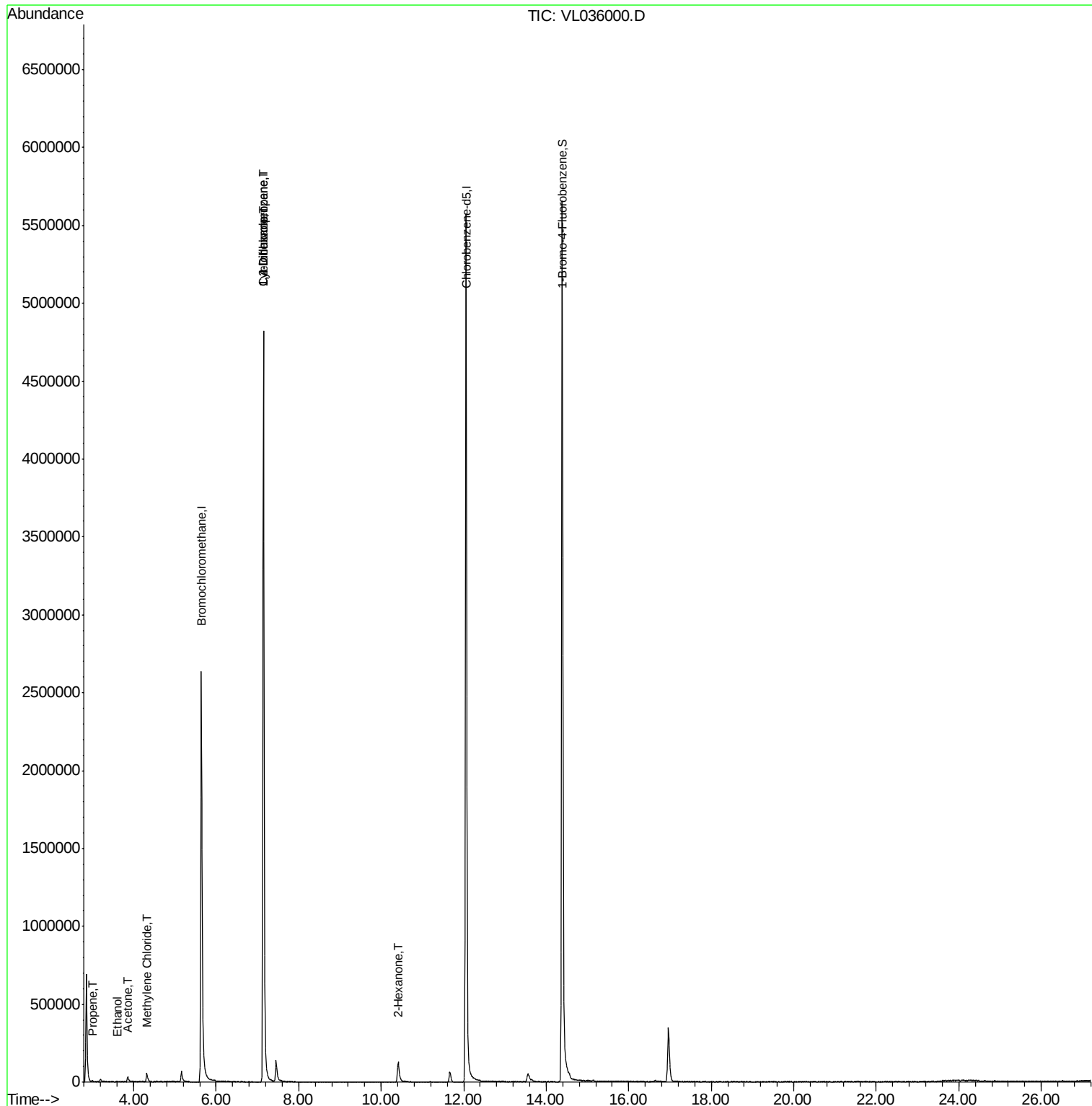
Target Compounds					Qvalue
9) Propene	3.00	41	2526	0.046 ppbv	97
13) Ethanol	3.60	45	535	0.045 ppbv #	51
15) Acetone	3.85	43	24857	0.187 ppbv #	1
20) Methylene Chloride	4.32	84	30912	0.331 ppbv	88
30) Cyclohexane	7.13	84	10122	0.065 ppbv #	6
39) 1,2-Dichloropropane	7.14	63	907557	8.403 ppbv #	30
51) 2-Hexanone	10.40	43	9053	0.053 ppbv #	21

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

Data File : VL036000.D
Acq On : 24 Nov 2020 19:09
Operator : SY/AP
Sample : QC112320 CAN 10267
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC112320 CAN 10267

Quant Time: Nov 25 00:36:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 887

Delta R.T. -0.03 min

Lab File: VL036000.D

Acq: 24 Nov 2020 19:09

Instrument :

MSVOA_L

ClientSampleId :

QC112320 CAN 10267

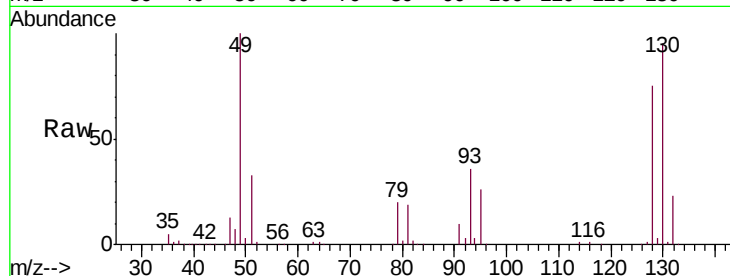
Tgt Ion: 49 Resp: 1240036

Ion Ratio Lower Upper

49 100

128 76.2 41.5 124.6

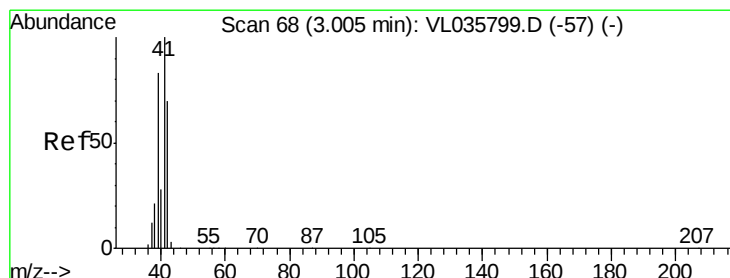
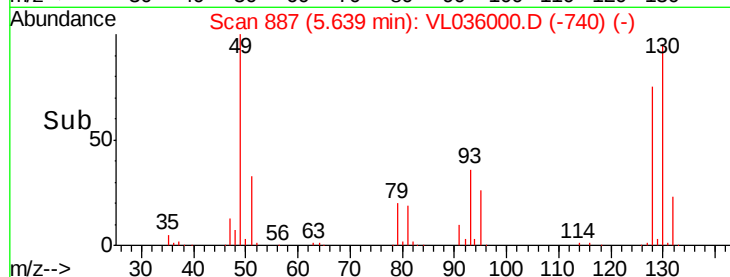
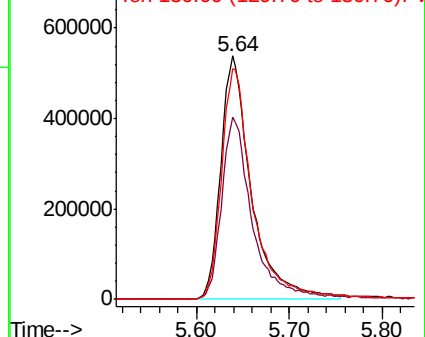
130 98.2 53.7 161.1



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#9

Propene

Concen: 0.046 ppbv

RT: 3.00 min Scan# 66

Delta R.T. -0.01 min

Lab File: VL036000.D

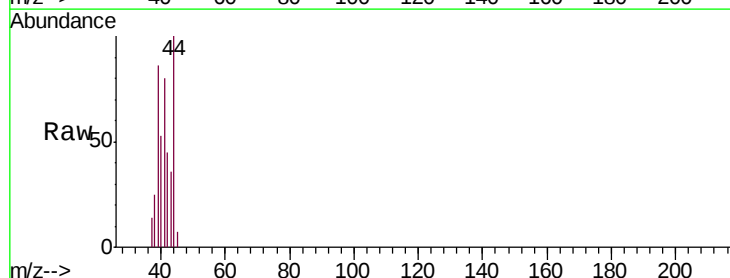
Acq: 24 Nov 2020 19:09

Tgt Ion: 41 Resp: 2526

Ion Ratio Lower Upper

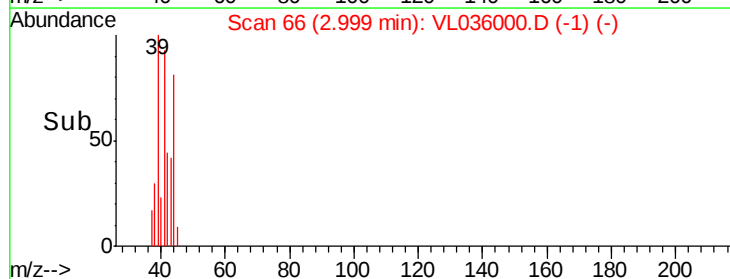
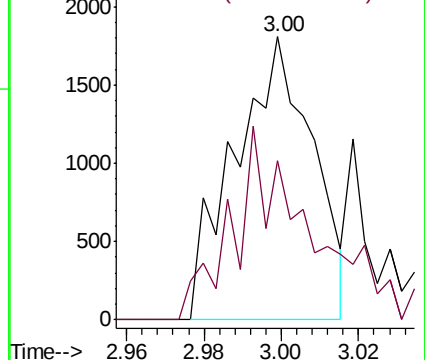
41 100

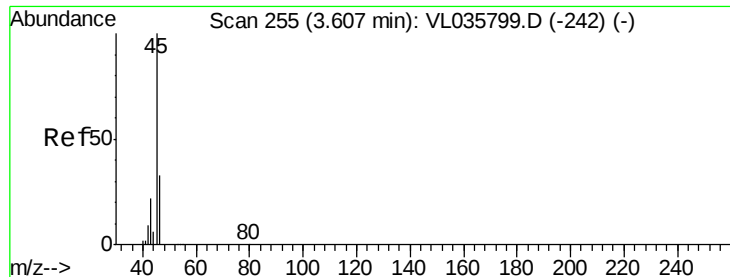
42 67.7 56.2 84.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

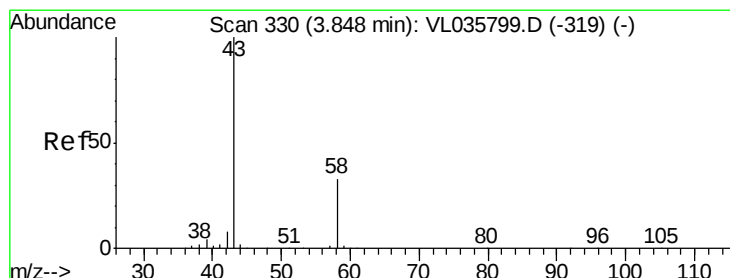
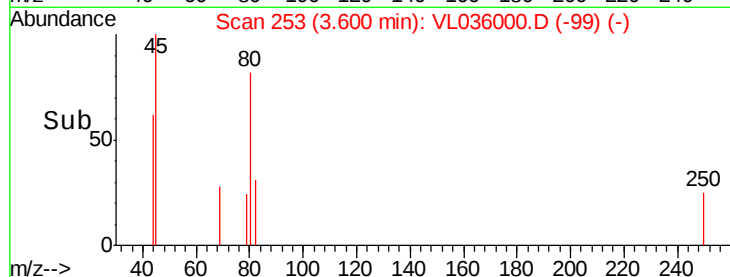
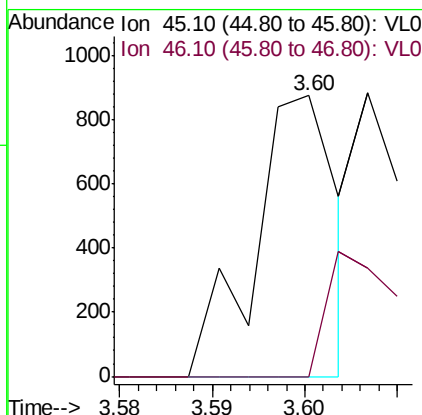
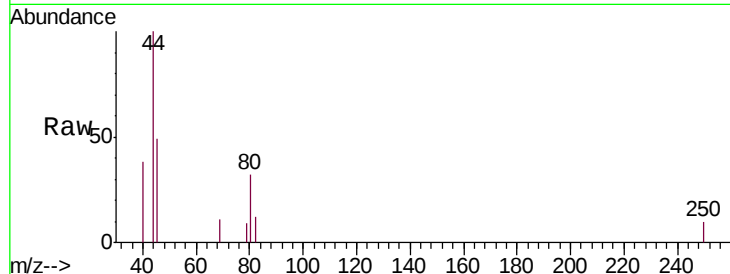




#13
Ethanol
Concen: 0.045 ppbv
RT: 3.60 min Scan# 253
Delta R.T. -0.01 min
Lab File: VL036000.D
Acq: 24 Nov 2020 19:09

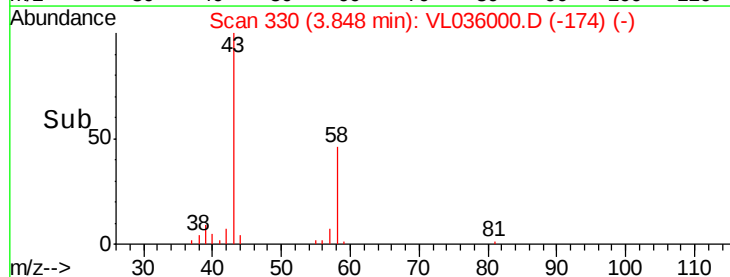
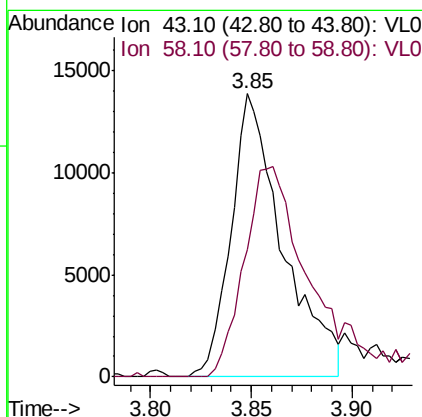
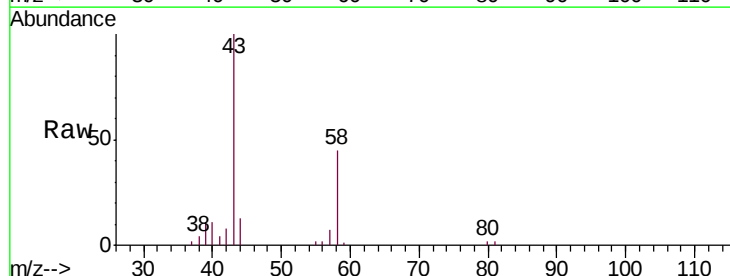
Instrument :
MSVOA_L
ClientSampleId :
QC112320 CAN 10267

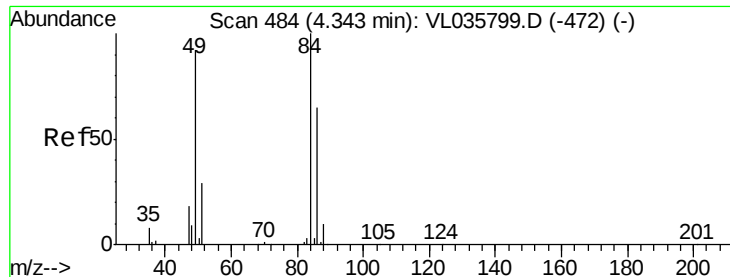
Tgt Ion: 45 Resp: 535
Ion Ratio Lower Upper
45 100
46 9.9 16.1 64.5#



#15
Acetone
Concen: 0.187 ppbv
RT: 3.85 min Scan# 330
Delta R.T. 0.00 min
Lab File: VL036000.D
Acq: 24 Nov 2020 19:09

Tgt Ion: 43 Resp: 24857
Ion Ratio Lower Upper
43 100
58 105.1 27.5 41.3#

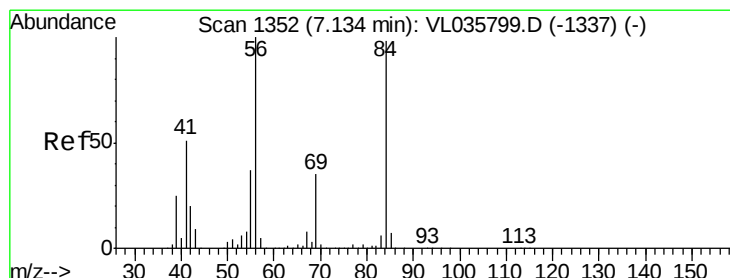
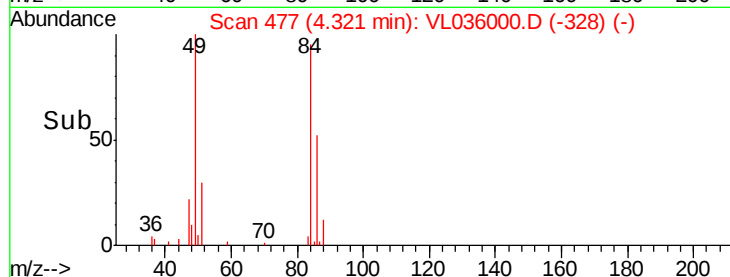
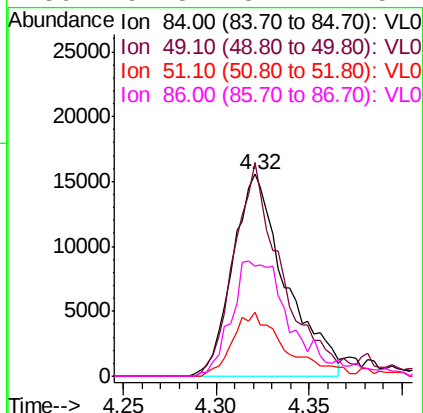
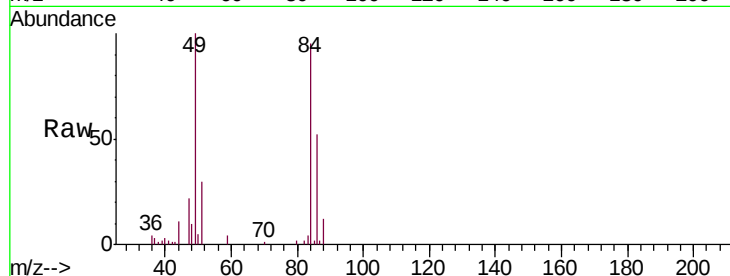




#20
Methylene Chloride
Concen: 0.331 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.02 min
Lab File: VL036000.D
Acq: 24 Nov 2020 19:09

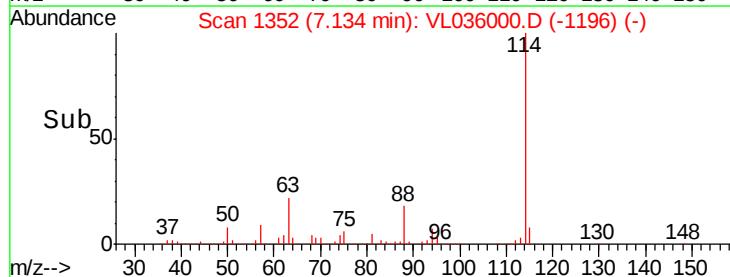
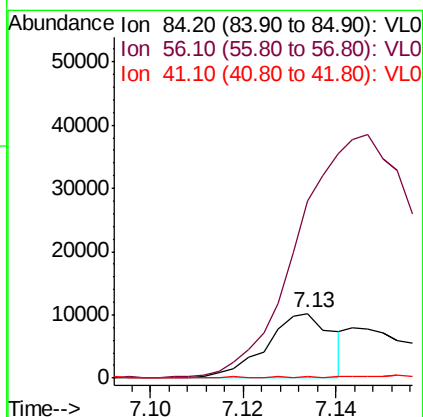
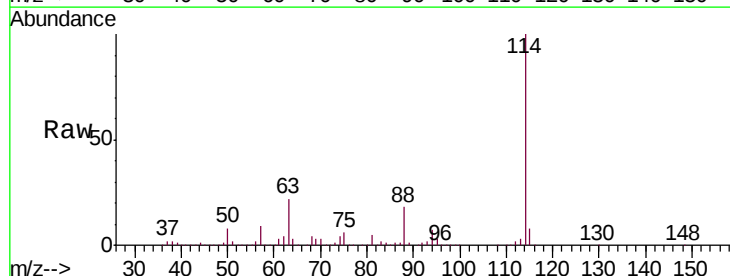
Instrument :
MSVOA_L
ClientSampleId :
QC112320 CAN 10267

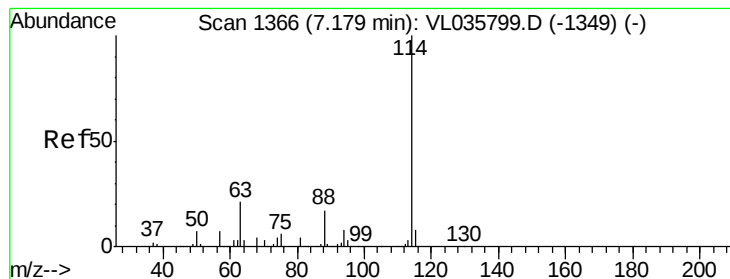
Tgt Ion:	84	Resp:	30912
Ion	Ratio	Lower	Upper
84	100		
49	105.7	73.8	110.8
51	31.9	23.0	34.4
86	54.8	52.1	78.1



#30
Cyclohexane
Concen: 0.065 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. 0.00 min
Lab File: VL036000.D
Acq: 24 Nov 2020 19:09

Tgt Ion:	84	Resp:	10122
Ion	Ratio	Lower	Upper
84	100		
56	0.0	86.4	129.6#
41	0.0	42.1	63.1#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.14 min Scan# 1355

Delta R.T. -0.04 min

Lab File: VL036000.D

Acq: 24 Nov 2020 19:09

Instrument :

MSVOA_L

ClientSampleId :

QC112320 CAN 10267

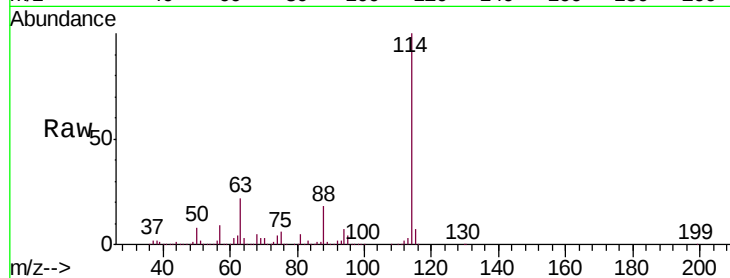
Tgt Ion:114 Resp: 4315209

Ion Ratio Lower Upper

114 100

63 21.2 16.1 24.1

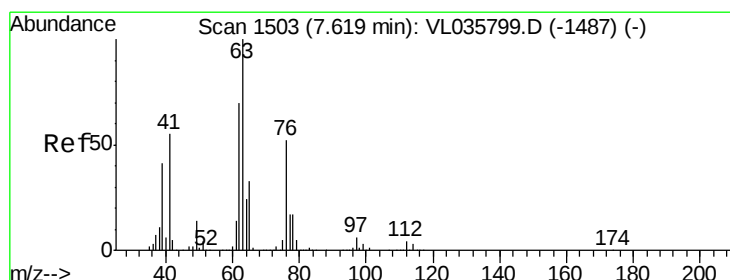
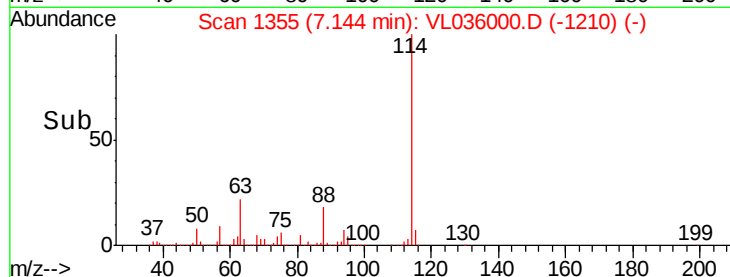
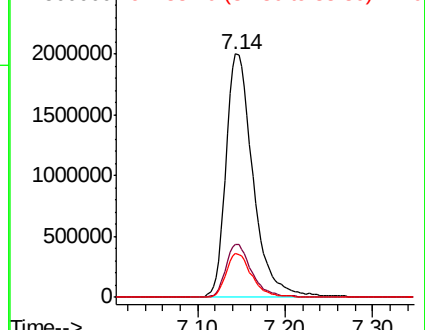
88 17.5 13.7 20.5



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: 8.403 ppbv

RT: 7.14 min Scan# 1355

Delta R.T. -0.48 min

Lab File: VL036000.D

Acq: 24 Nov 2020 19:09

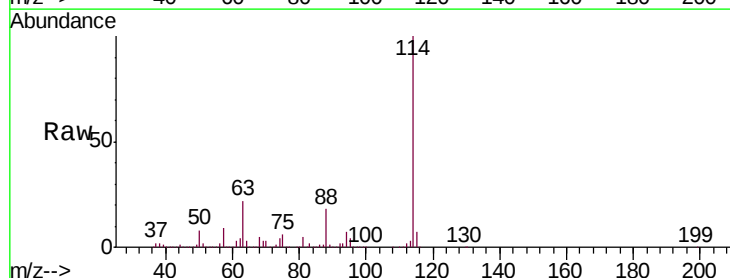
Tgt Ion: 63 Resp: 907557

Ion Ratio Lower Upper

63 100

41 0.1 43.8 65.6#

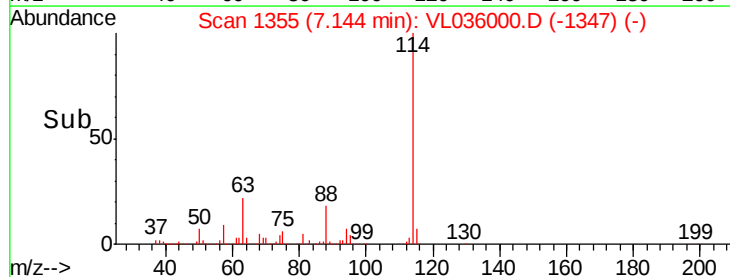
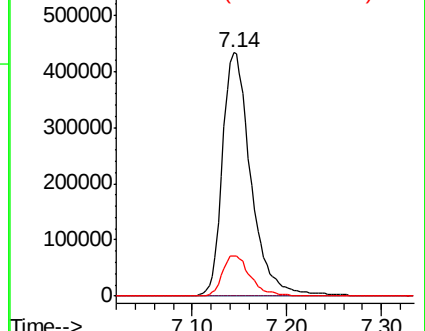
62 16.2 56.2 84.2#

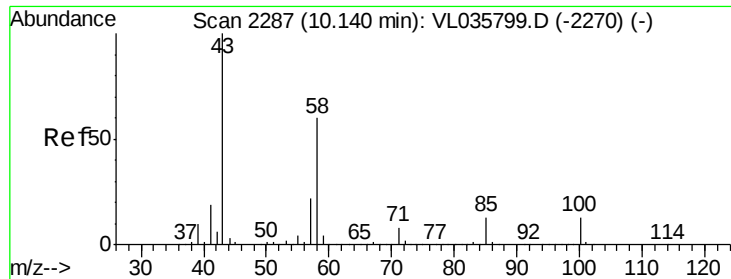


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

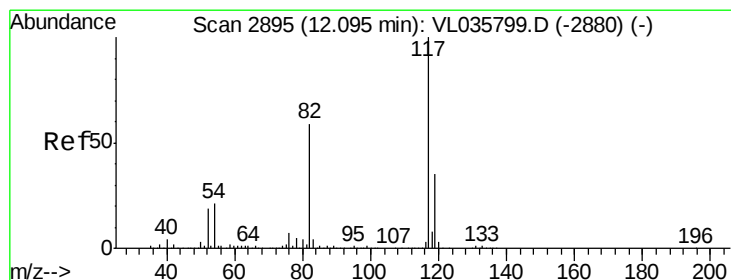
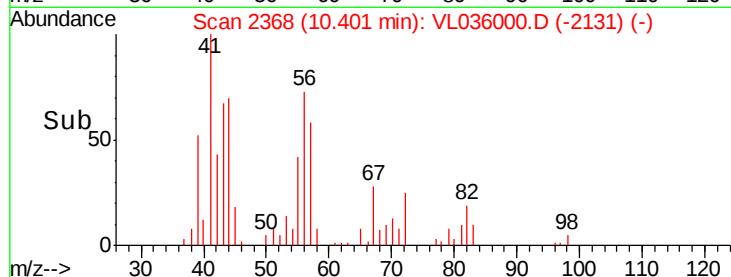
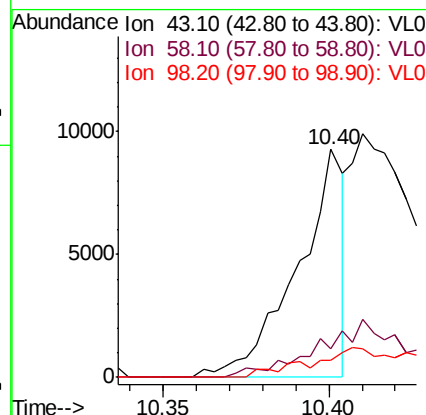
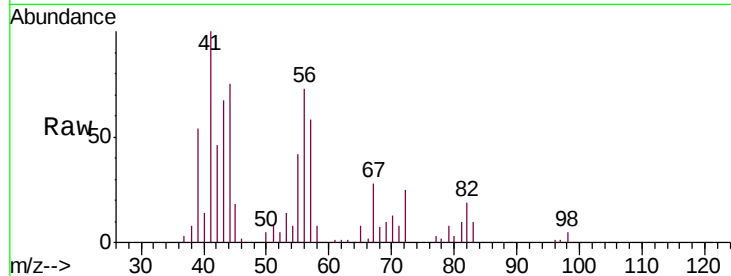




#51
2-Hexanone
Concen: 0.053 ppbv
RT: 10.40 min Scan# 2368
Delta R.T. 0.26 min
Lab File: VL036000.D
Acq: 24 Nov 2020 19:09

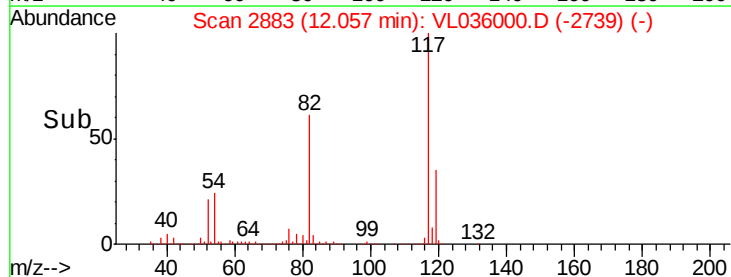
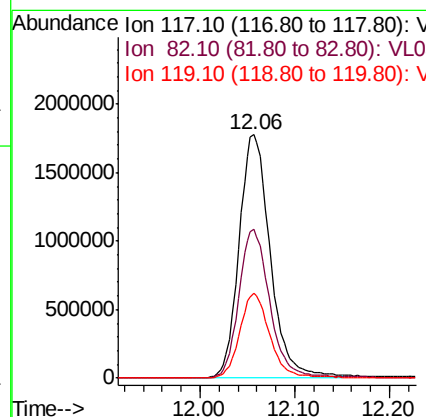
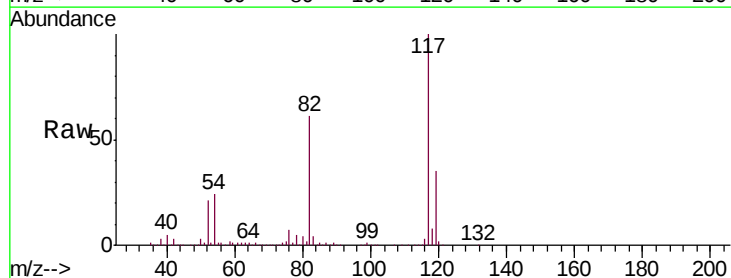
Instrument :
MSVOA_L
ClientSampleId :
QC112320 CAN 10267

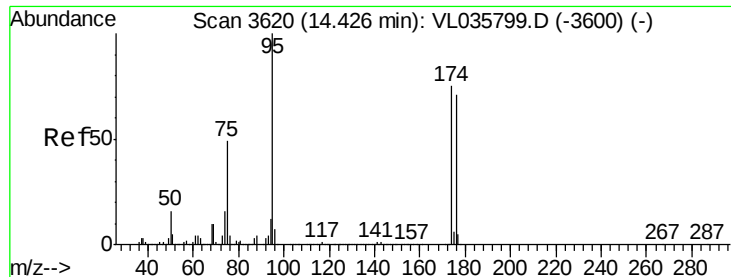
Tgt Ion: 43 Resp: 9053
Ion Ratio Lower Upper
43 100
58 0.0 48.3 72.5#
98 0.0 0.6 0.8#



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2883
Delta R.T. -0.04 min
Lab File: VL036000.D
Acq: 24 Nov 2020 19:09

Tgt Ion: 117 Resp: 4081016
Ion Ratio Lower Upper
117 100
82 61.8 50.6 76.0
119 34.3 52.6 78.8#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.698 ppbv

RT: 14.39 min Scan# 3608

Delta R.T. -0.04 min

Lab File: VL036000.D

Acq: 24 Nov 2020 19:09

Instrument :

MSVOA_L

ClientSampleId :

QC112320 CAN 10267

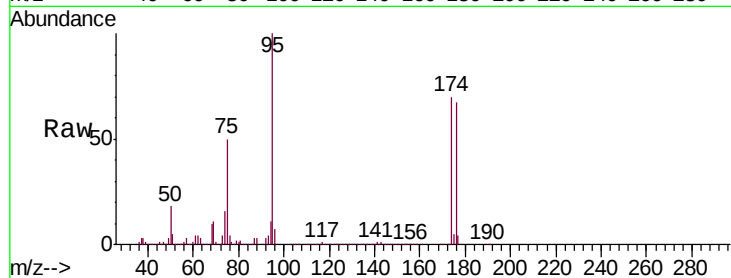
Tgt Ion: 95 Resp: 3101849

Ion Ratio Lower Upper

95 100

174 71.0 59.8 89.6

175 4.9 4.3 6.5



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

