

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052021\
 Data File : VL037020.D
 Acq On : 20 May 2021 10:57
 Operator : SY/AP
 Sample : VL0519ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0520ABL01

Quant Time: May 21 01:14:54 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue May 18 12:00:15 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.63	49	1181451	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.14	114	3476625	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.04	117	2990997	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	2156606	9.60	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.00%

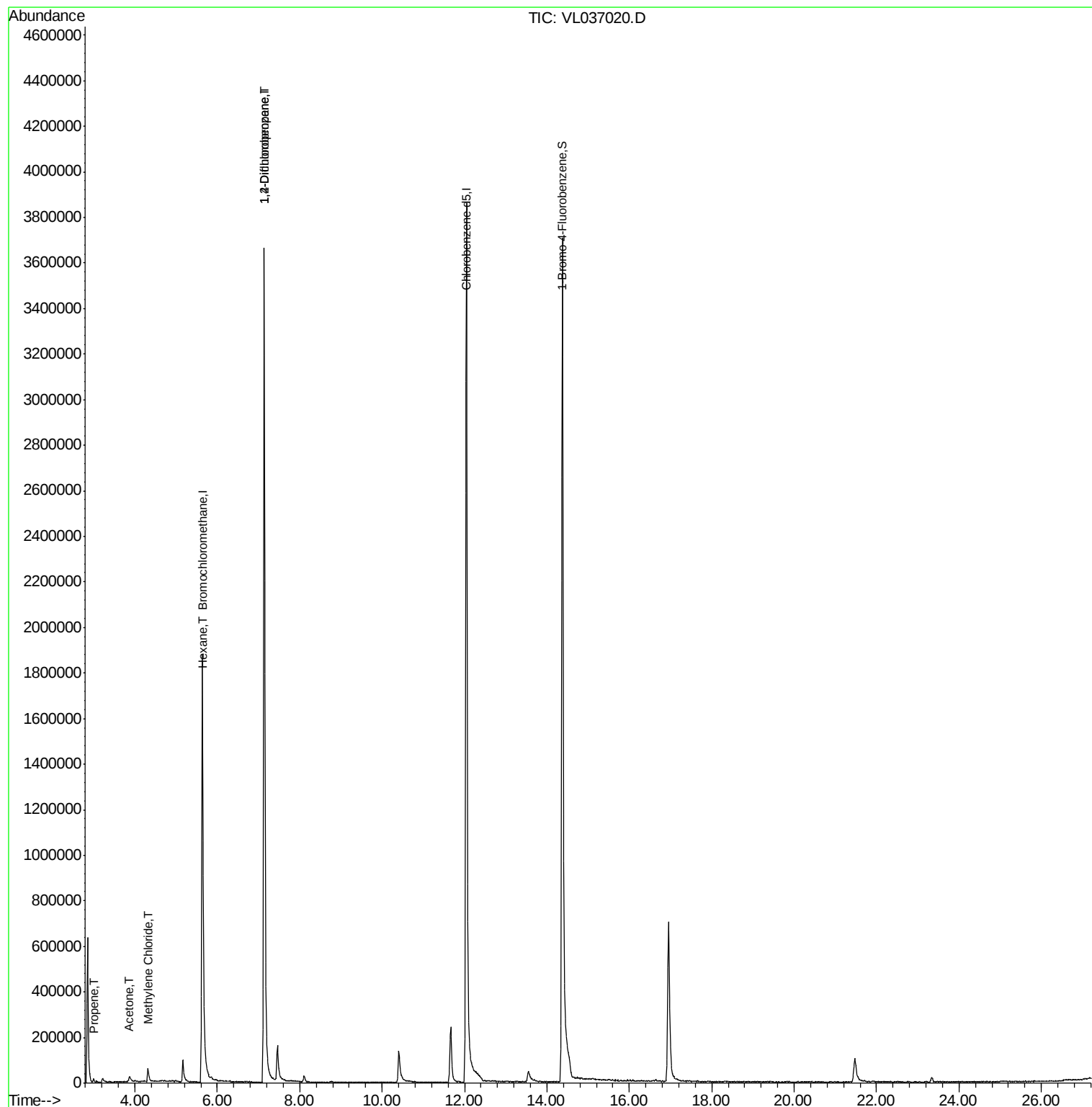
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.99	41	2801	0.036	ppbv #	16
15) Acetone	3.86	43	22768	0.188	ppbv #	1
20) Methylene Chloride	4.31	84	22940	0.354	ppbv #	76
26) Hexane	5.65	57	7056	0.047	ppbv #	42
39) 1,2-Dichloropropane	7.14	63	814900	7.064	ppbv #	26

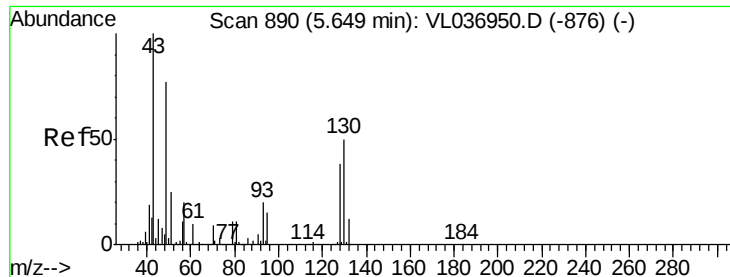
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL052021\
Data File : VL037020.D
Acq On : 20 May 2021 10:57
Operator : SY/AP
Sample : VL0519ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0520ABL01

Quant Time: May 21 01:14:54 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 12:00:15 2021
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.63 min Scan# 885

Delta R.T. -0.02 min

Lab File: VL037020.D

Acq: 20 May 2021 10:57

Instrument :

MSVOA_L

ClientSampleId :

VL0520ABL01

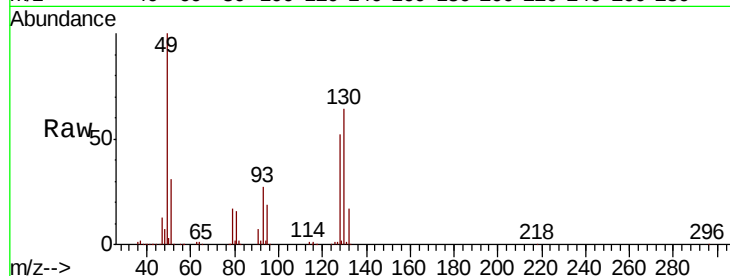
Tot Ion: 49 Resp: 1181451

Ion Ratio Lower Upper

49 100

128 54.1 26.9 80.7

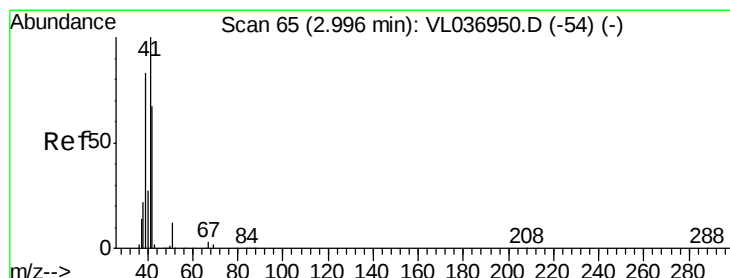
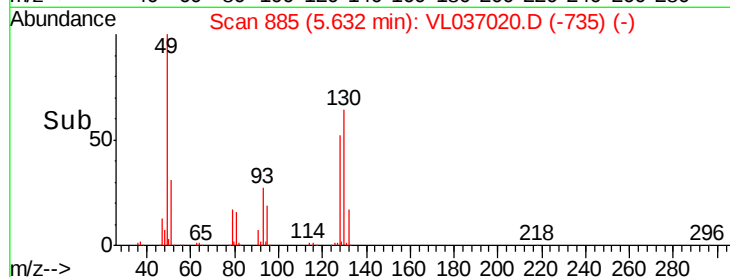
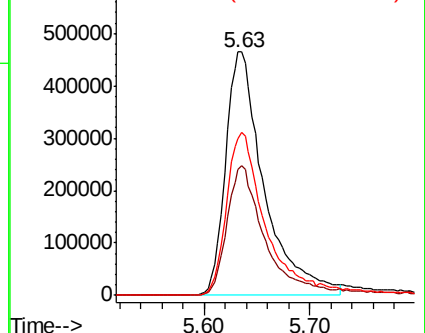
130 70.9 33.8 101.4



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: 0.036 ppbv

RT: 2.99 min Scan# 63

Delta R.T. -0.01 min

Lab File: VL037020.D

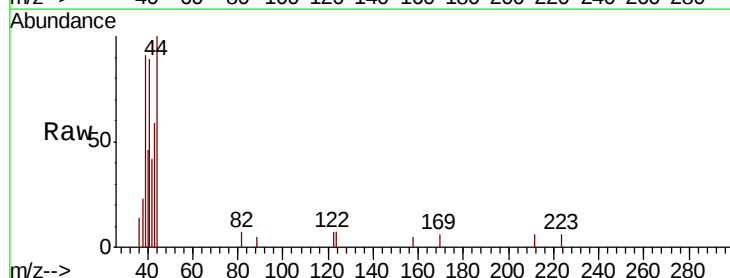
Acq: 20 May 2021 10:57

Tgt Ion: 41 Resp: 2801

Ion Ratio Lower Upper

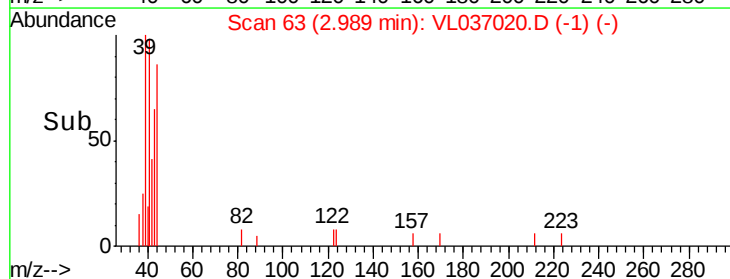
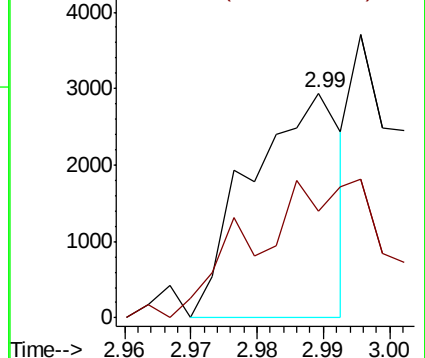
41 100

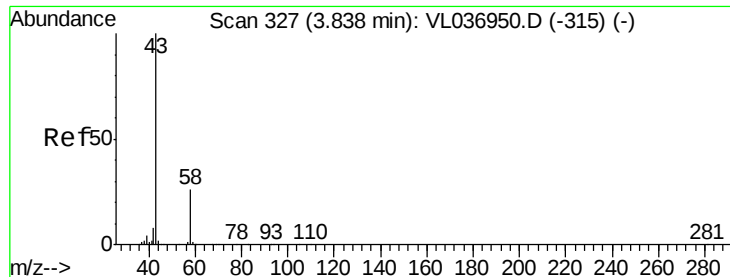
42 0.0 53.9 80.9#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.188 ppbv

RT: 3.86 min Scan# 333

Delta R.T. 0.02 min

Lab File: VL037020.D

Acq: 20 May 2021 10:57

Instrument :

MSVOA_L

ClientSampleId :

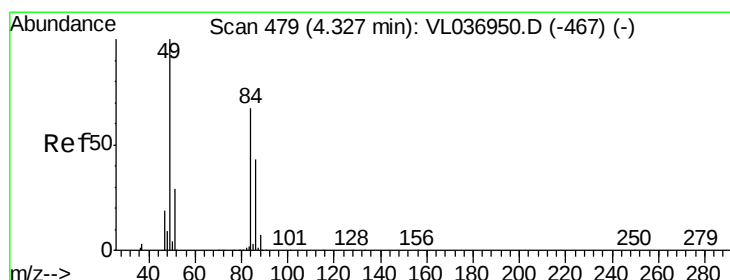
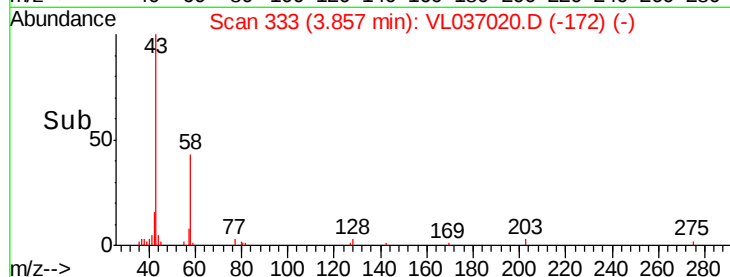
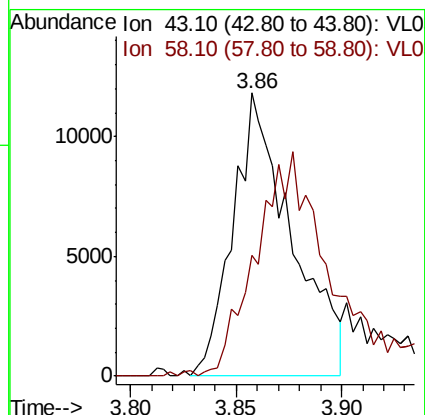
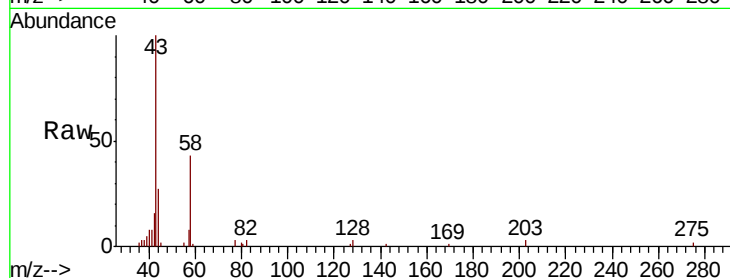
VL0520ABL01

Tot Ion: 43 Resp: 22768

Ion Ratio Lower Upper

43 100

58 111.1 24.0 36.0#



#20

Methylene Chloride

Concen: 0.354 ppbv

RT: 4.31 min Scan# 475

Delta R.T. -0.01 min

Lab File: VL037020.D

Acq: 20 May 2021 10:57

Tgt Ion: 84 Resp: 22940

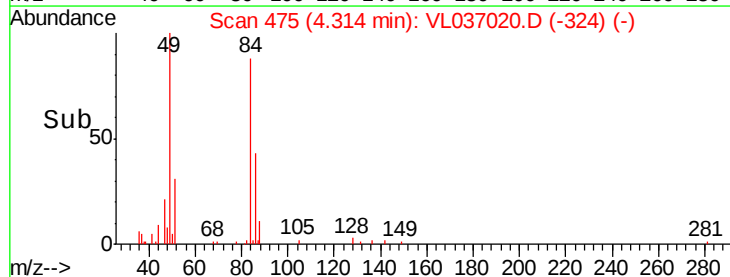
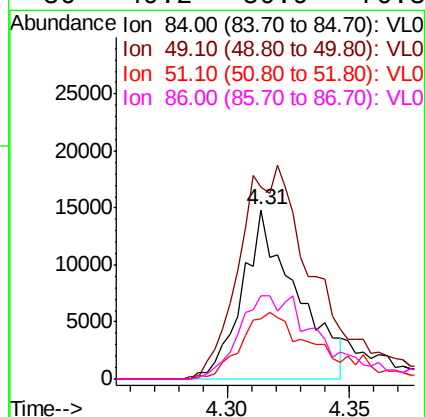
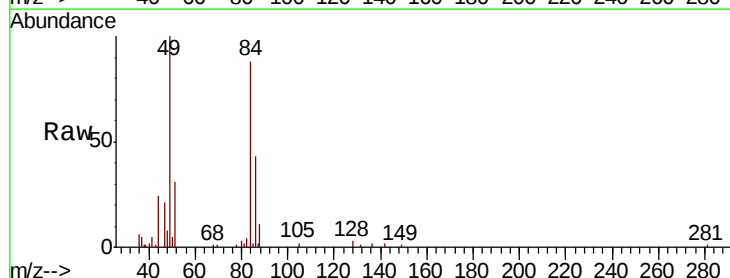
Ion Ratio Lower Upper

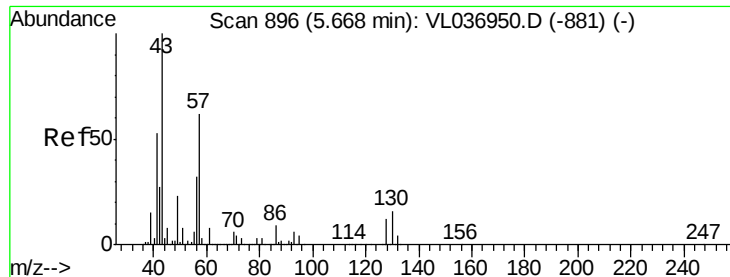
84 100

49 111.5 119.8 179.6#

51 35.4 35.1 52.7

86 49.2 50.9 76.3#





#26

Hexane

Concen: 0.047 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.02 min

Lab File: VL037020.D

Acq: 20 May 2021 10:57

Instrument :

MSVOA_L

ClientSampleId :

VL0520ABL01

Tot Ion: 57 Resp: 7056

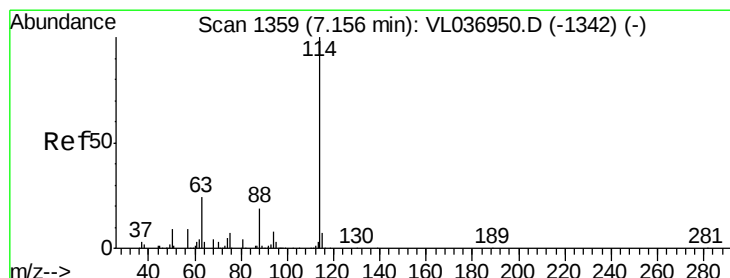
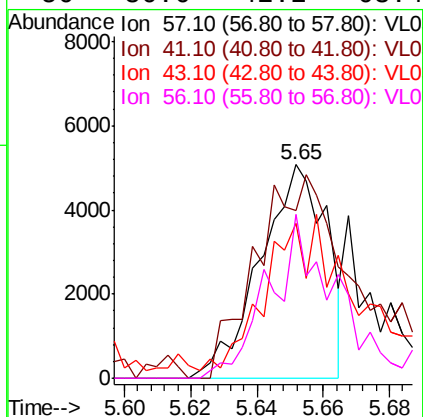
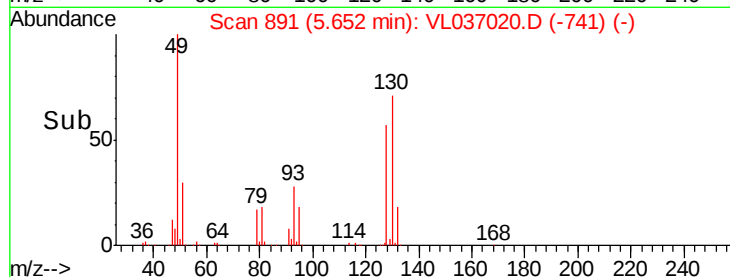
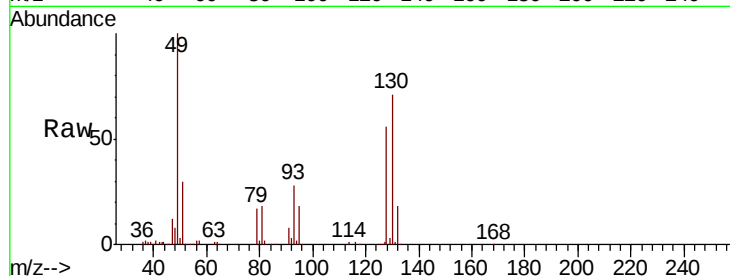
Ion Ratio Lower Upper

57 100

41 162.9 70.5 105.7#

43 128.3 165.8 248.8#

56 86.6 42.2 63.4#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.14 min Scan# 1354

Delta R.T. -0.02 min

Lab File: VL037020.D

Acq: 20 May 2021 10:57

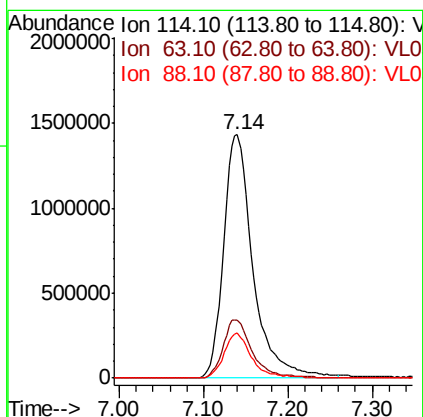
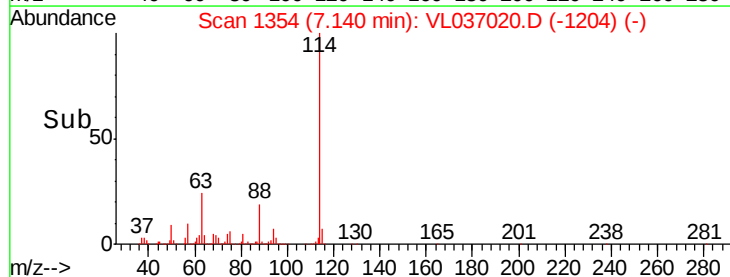
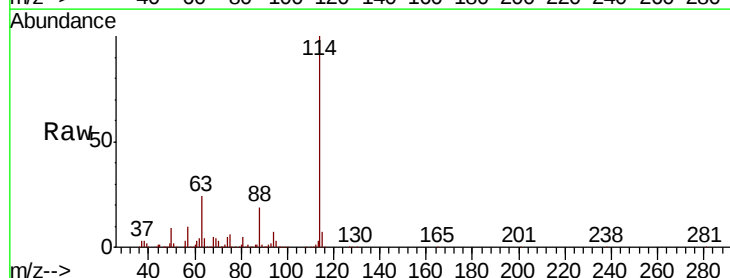
Tgt Ion: 114 Resp: 3476625

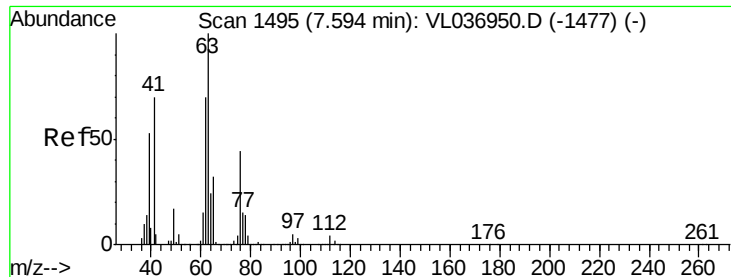
Ion Ratio Lower Upper

114 100

63 24.3 19.6 29.4

88 17.6 14.6 21.8

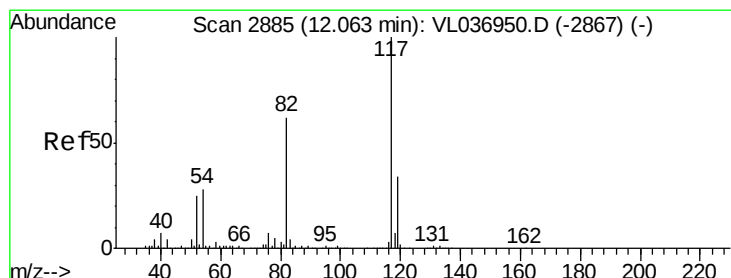
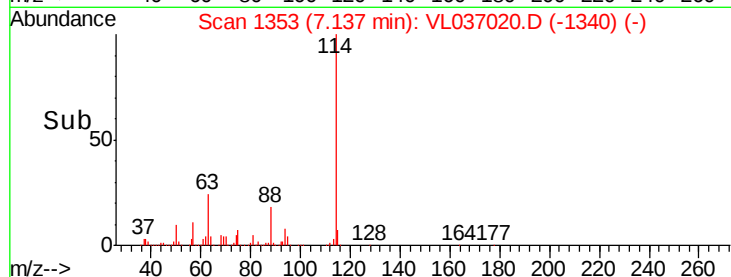
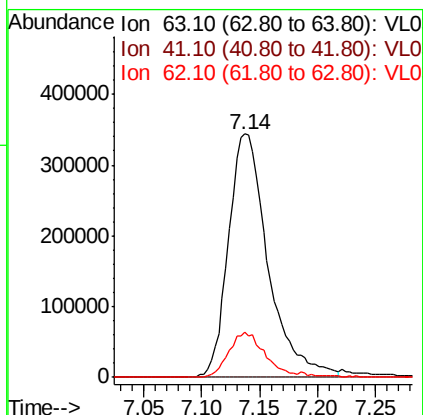
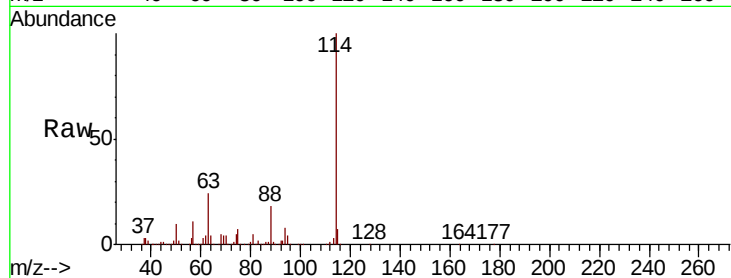




#39
 1,2-Dichloropropane
 Concen: 7.064 ppbv
 RT: 7.14 min Scan# 1353
 Delta R.T. -0.46 min
 Lab File: VL037020.D
 Acq: 20 May 2021 10:57

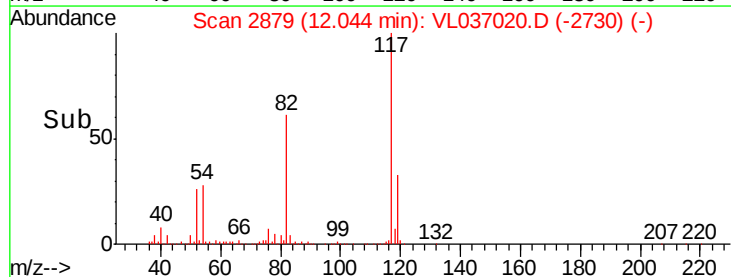
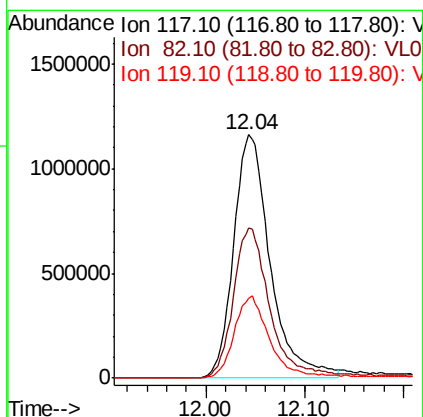
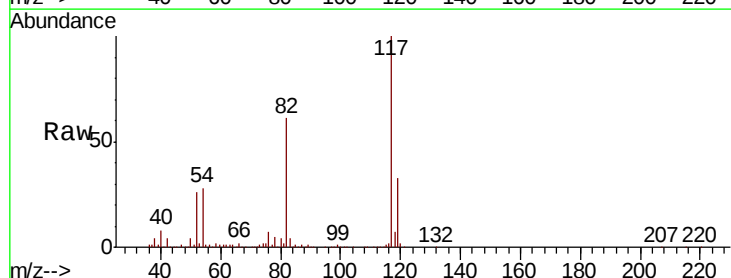
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0520ABL01

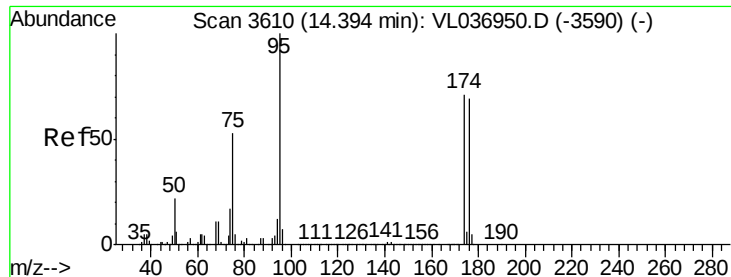
Tot Ion	Ratio	Lower	Upper
63	100		
41	0.1	55.7	83.5#
62	18.6	56.2	84.4#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.04 min Scan# 2879
 Delta R.T. -0.02 min
 Lab File: VL037020.D
 Acq: 20 May 2021 10:57

Tgt Ion	Ratio	Lower	Upper
117	100		
82	64.9	52.6	79.0
119	34.3	46.6	70.0#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.598 ppbv

RT: 14.37 min Scan# 3604

Delta R.T. -0.02 min

Lab File: VL037020.D

Acq: 20 May 2021 10:57

Instrument :

MSVOA_L

ClientSampleId :

VL0520ABL01

Tot Ion: 95 Resp: 2156606

Ion Ratio Lower Upper

95 100

174 77.2 58.4 87.6

175 5.8 4.4 6.6

