

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062921\
Quantitation Report (Not Reviewed)

Data File : VL037245.D
Acq On : 29 Jun 2021 12:15
Operator : SY/AP
Sample : VL0629ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0629ABL01

Quant Time: Jun 29 13:51:59 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL061621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 16 14:06:32 2021
QLast Update : Wed Jun 16 14:06:32 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1606559	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	4753956	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.07	117	4146225	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	3084867	9.82	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.01	41	6228	0.062	ppbv	86
15) Acetone	3.87	43	31014	0.171	ppbv #	45
20) Methylene Chloride	4.33	84	9871	0.091	ppbv #	72
39) 1,2-Dichloropropane	7.16	63	1163719	8.147	ppbv #	24

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

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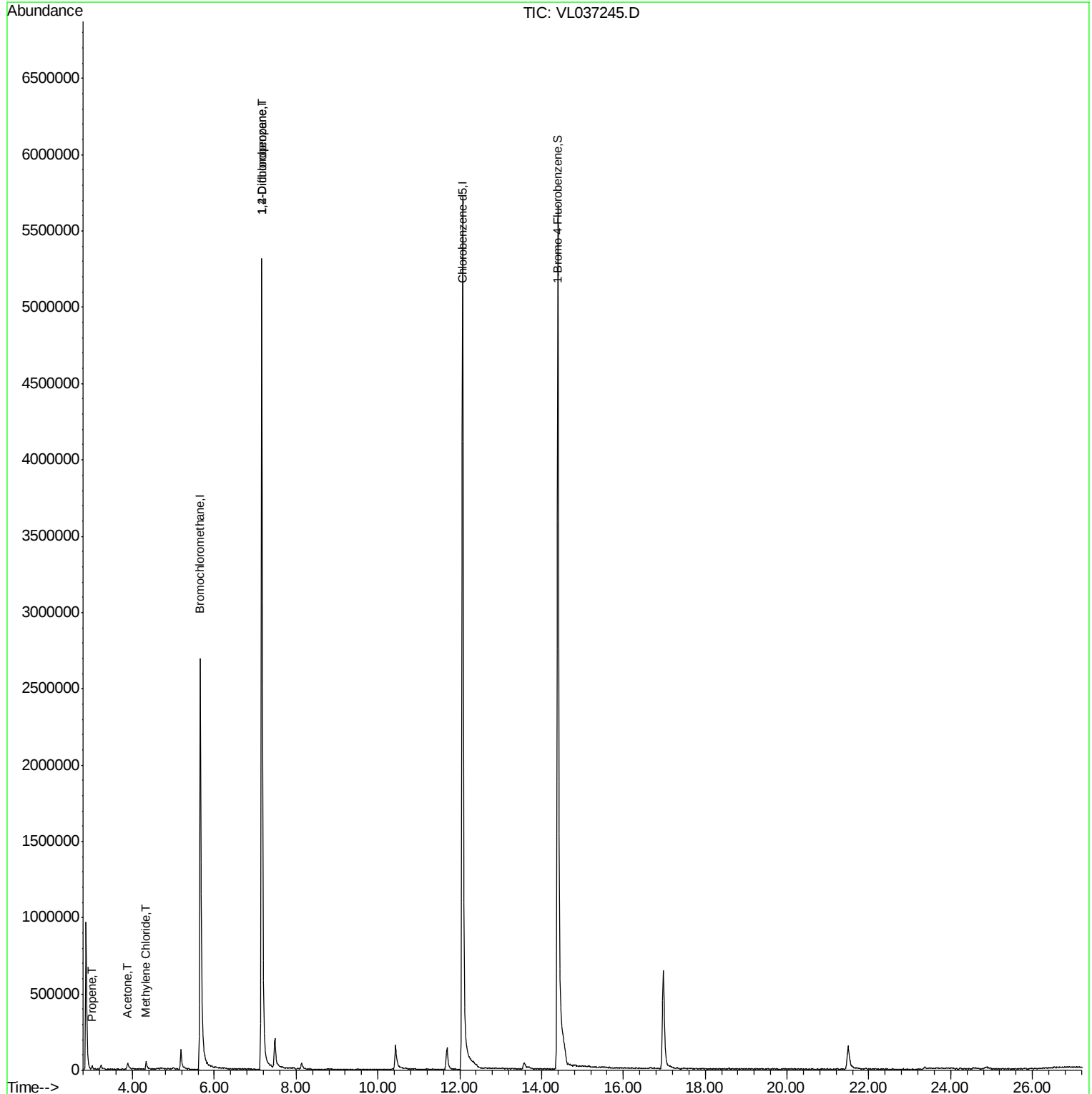
Quant Time: Jun 29 13:51:59 2021

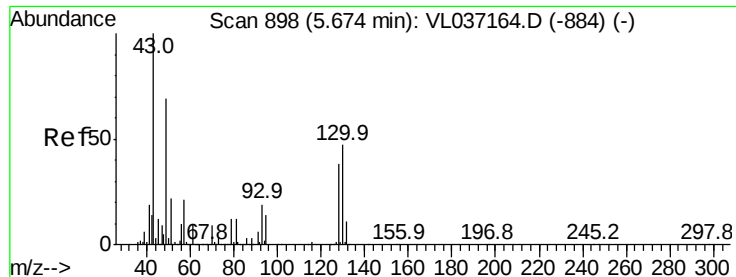
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL061621AIR.M

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.02 min

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VL0629ABL01

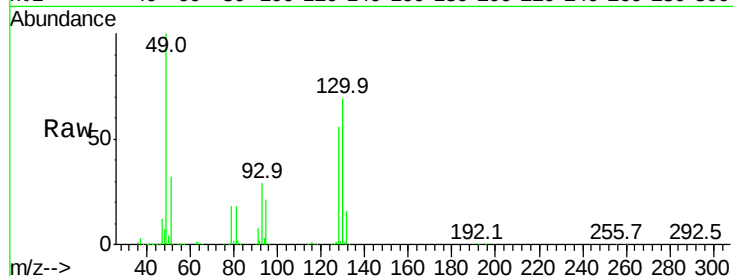
Tgt Ion: 49 Resp: 1606559

Ion Ratio Lower Upper

49 100

128 58.7 29.3 88.0

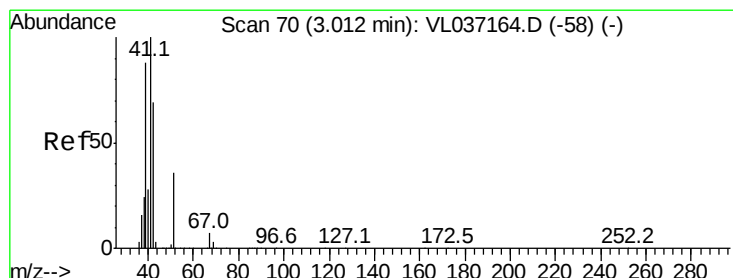
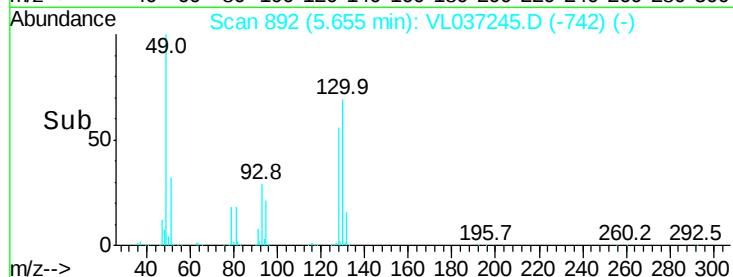
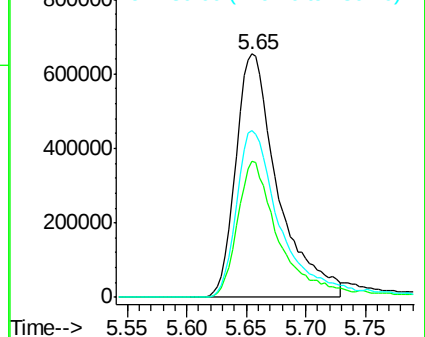
130 76.0 35.9 107.8



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: 0.062 ppbv

RT: 3.01 min Scan# 70

Delta R.T. 0.00 min

Lab File: VL037245.D

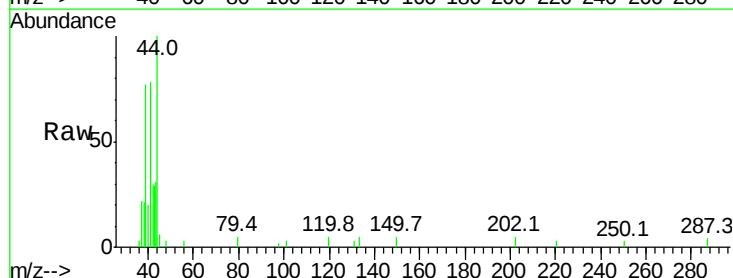
Acq: 29 Jun 2021 12:15

Tgt Ion: 41 Resp: 6228

Ion Ratio Lower Upper

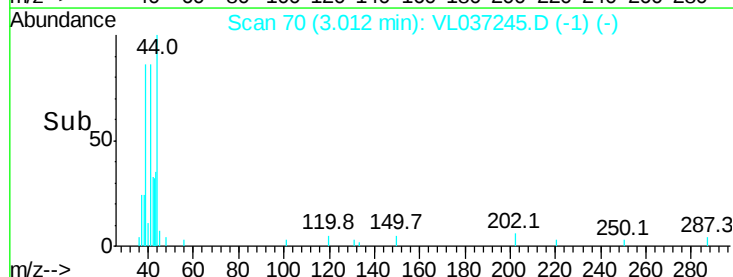
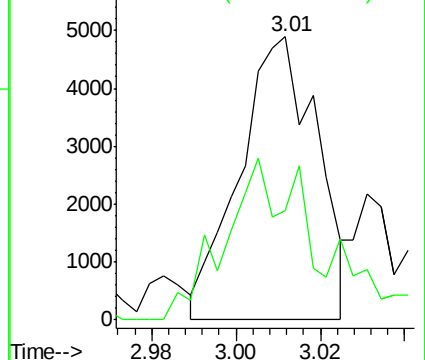
41 100

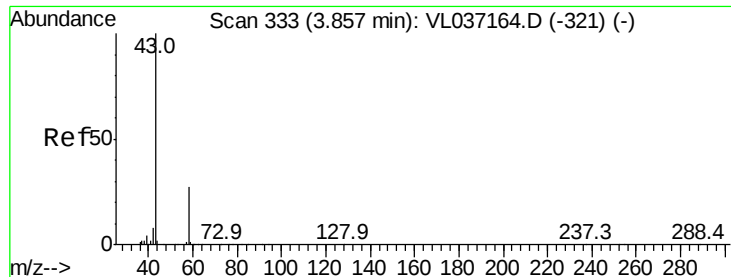
42 79.3 54.5 81.7



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.171 ppbv

RT: 3.87 min Scan# 338

Delta R.T. 0.02 min

Lab File: VL037245.D

Acq: 29 Jun 2021 12:15

Instrument :

MSVOA_L

ClientSampleId :

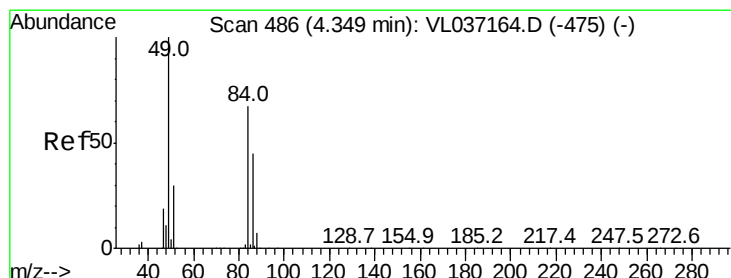
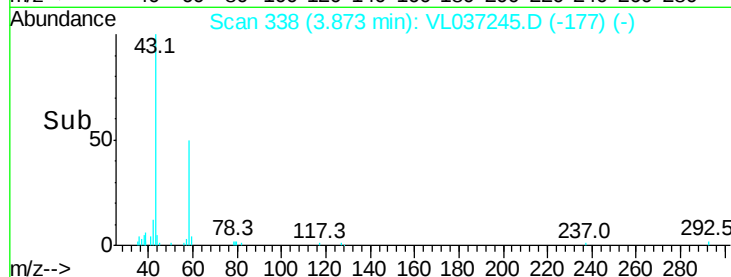
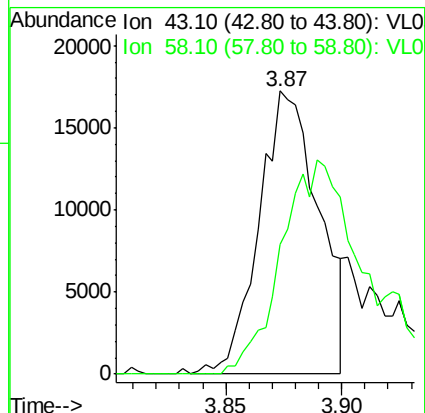
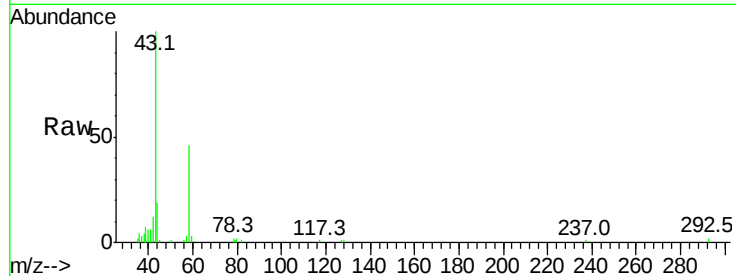
VL0629ABL01

Tgt Ion: 43 Resp: 31014

Ion Ratio Lower Upper

43 100

58 0.0 23.7 35.5#



#20

Methylene Chloride

Concen: 0.091 ppbv

RT: 4.33 min Scan# 481

Delta R.T. -0.02 min

Lab File: VL037245.D

Acq: 29 Jun 2021 12:15

Tgt Ion: 84 Resp: 9871

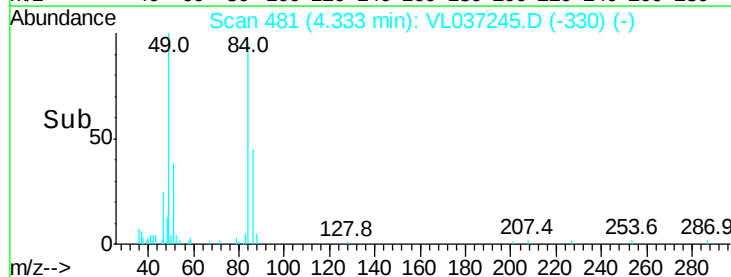
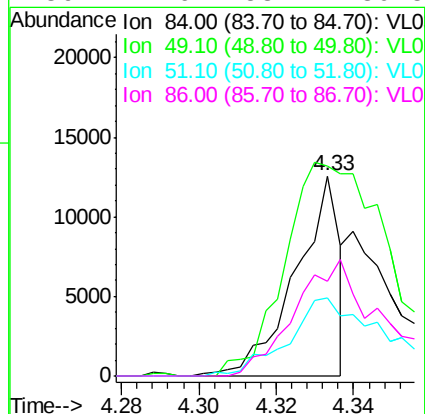
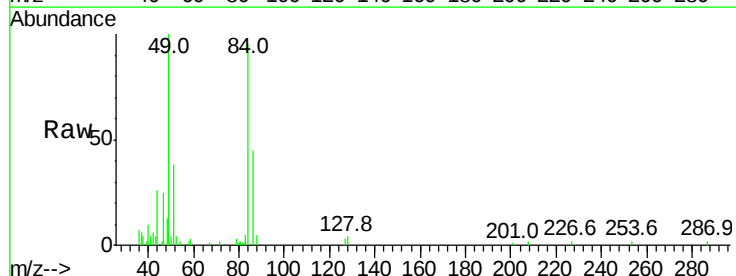
Ion Ratio Lower Upper

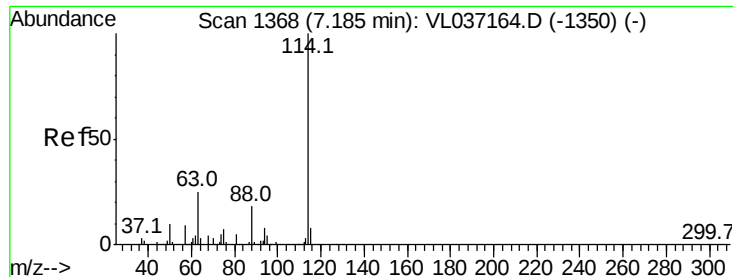
84 100

49 104.8 119.7 179.5#

51 39.3 36.1 54.1

86 47.6 53.7 80.5#

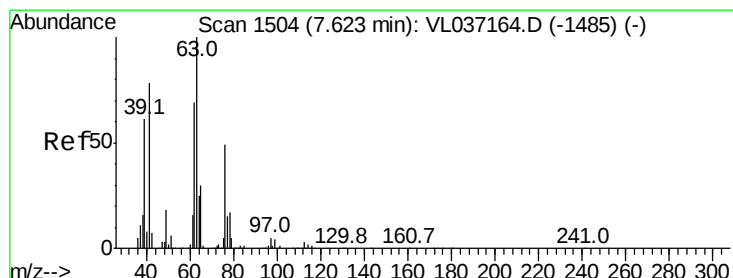
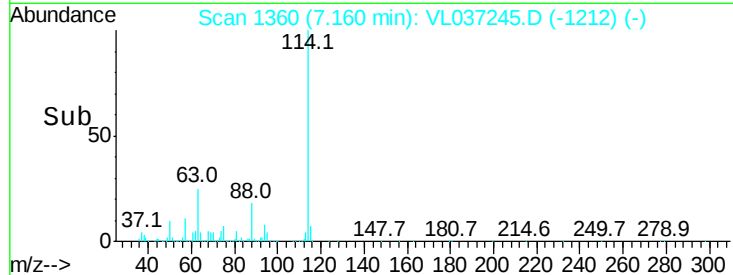
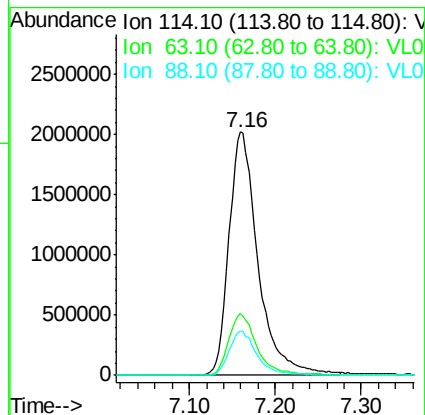
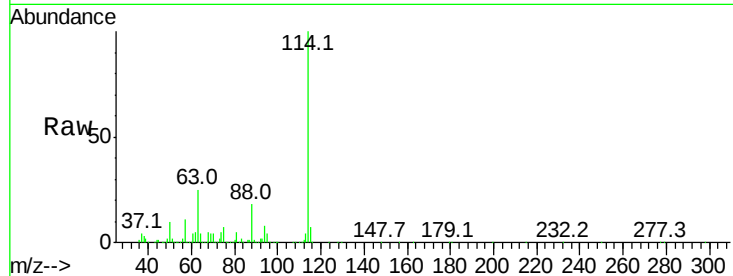




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. -0.03 min
 Lab File: VL037245.D
 Acq: 29 Jun 2021 12:15

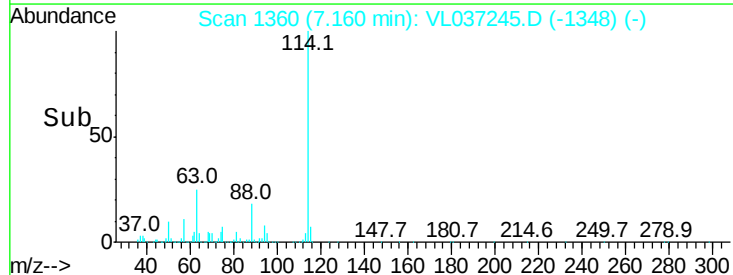
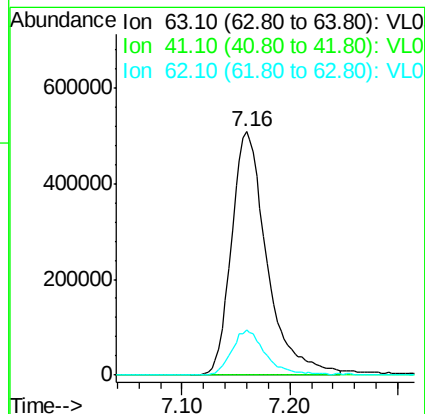
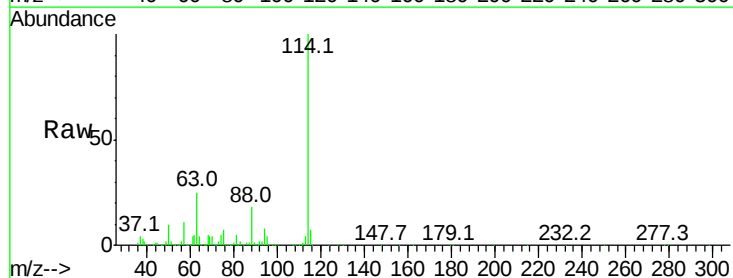
Instrument :
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 VL0629ABL01

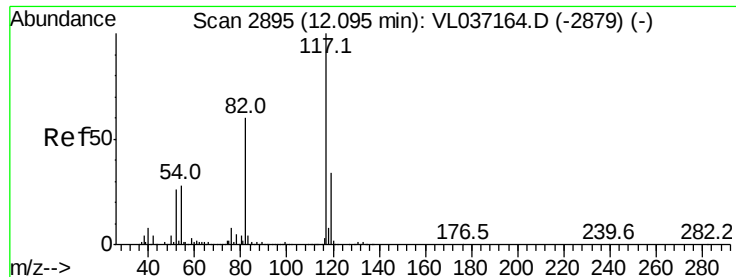
Tgt Ion:114 Resp: 4753956
 Ion Ratio Lower Upper
 114 100
 63 25.1 19.6 29.4
 88 18.0 14.2 21.2



#39
 1,2-Dichloropropane
 Concen: 8.147 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. -0.46 min
 Lab File: VL037245.D
 Acq: 29 Jun 2021 12:15

Tgt Ion: 63 Resp: 1163719
 Ion Ratio Lower Upper
 63 100
 41 0.0 62.0 93.0#
 62 18.8 54.9 82.3#

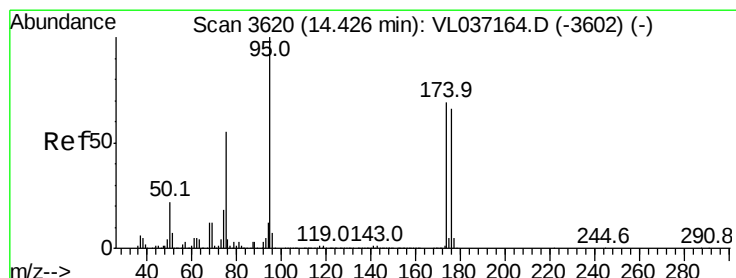
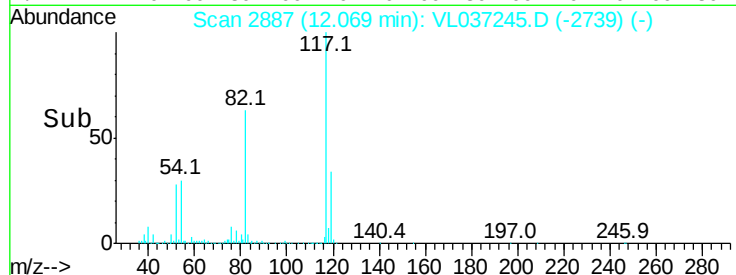
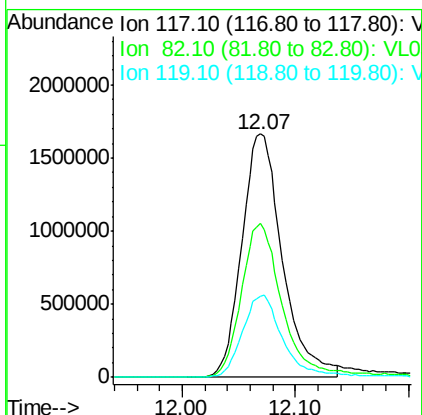
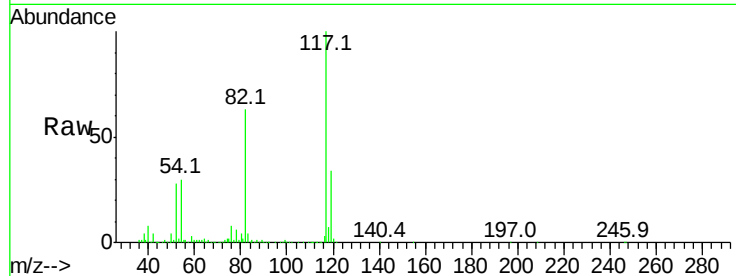




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2887
Delta R.T. -0.03 min
Lab File: VL037245.D
Acq: 29 Jun 2021 12:15

Instrument :
MSVOA_L
ClientSampleId :
VL0629ABL01

Tgt Ion: 117 Resp: 4146225
Ion Ratio Lower Upper
117 100
82 65.5 51.7 77.5
119 35.1 47.6 71.4#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.819 ppbv
RT: 14.40 min Scan# 3612
Delta R.T. -0.03 min
Lab File: VL037245.D
Acq: 29 Jun 2021 12:15

Tgt Ion: 95 Resp: 3084867
Ion Ratio Lower Upper
95 100
174 75.9 57.0 85.4
175 5.7 4.4 6.6

