

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070221\
Quantitation Report (Not Reviewed)

Data File : VL037268.D
Acq On : 2 Jul 2021 10:37
Operator : SY/AP
Sample : VL0702ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0702ABL01

Quant Time: Jul 02 14:53:18 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL061621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed 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	5.68	49	1269297	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3774602	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3285871	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2457832	9.87	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.70%

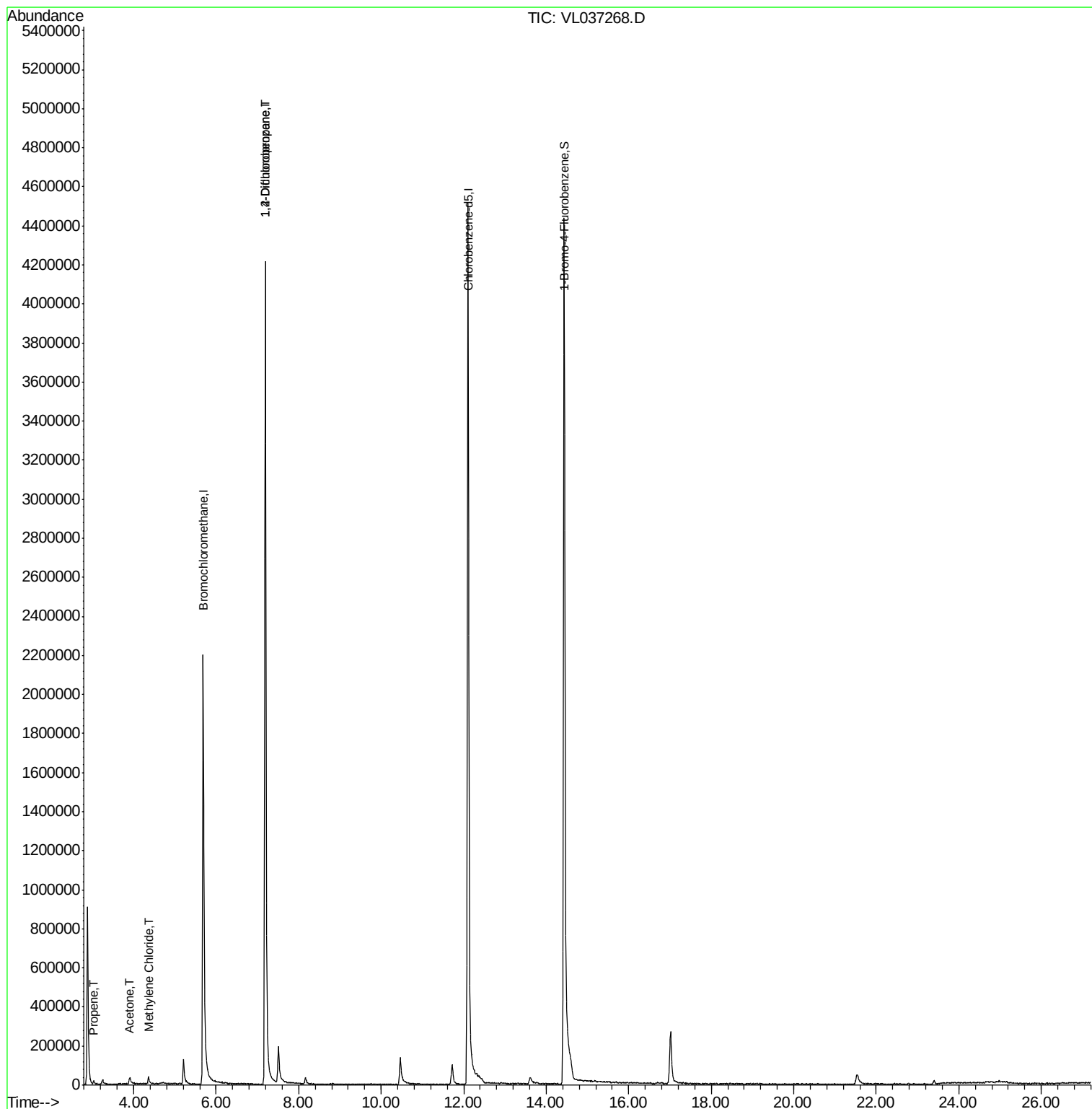
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.02	41	4499	0.057	ppbv #	69
15) Acetone	3.89	43	27154	0.190	ppbv #	45
20) Methylene Chloride	4.35	84	5297	0.062	ppbv #	80
39) 1,2-Dichloropropane	7.19	63	915267	8.070	ppbv #	23

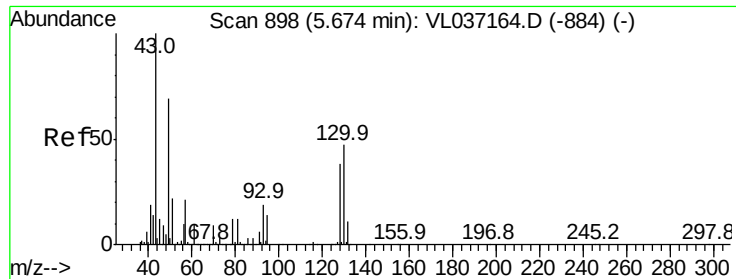
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. 0.01 min

Lab File: VL037268.D

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Instrument :

MSVOA_L

ClientSampleId :

VL0702ABL01

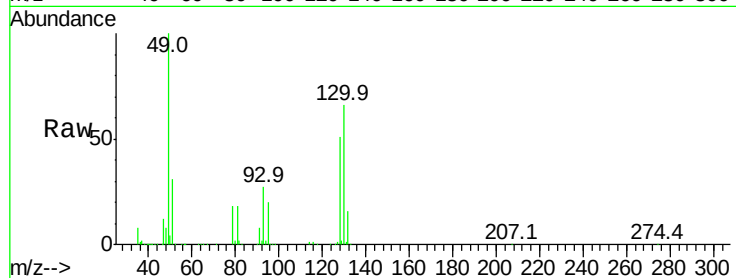
Tgt Ion: 49 Resp: 1269297

Ion Ratio Lower Upper

49 100

128 58.2 29.3 88.0

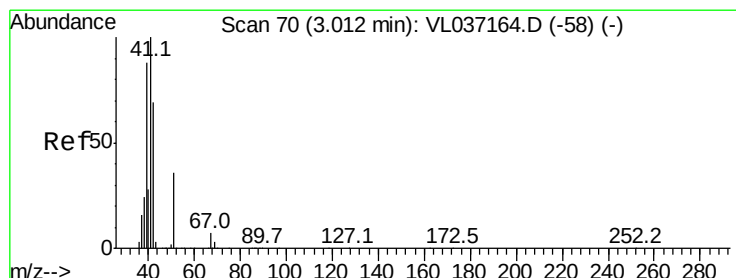
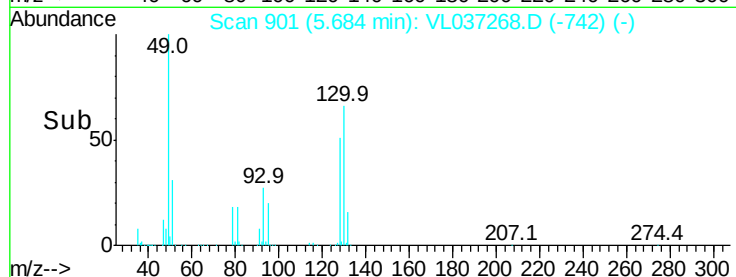
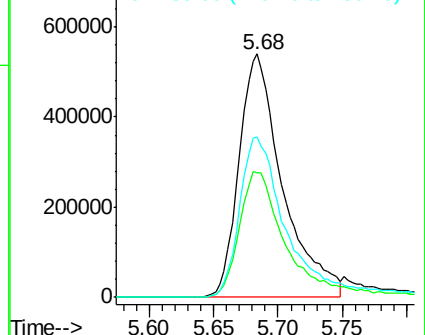
130 74.1 35.9 107.8



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: 0.057 ppbv

RT: 3.02 min Scan# 73

Delta R.T. 0.01 min

Lab File: VL037268.D

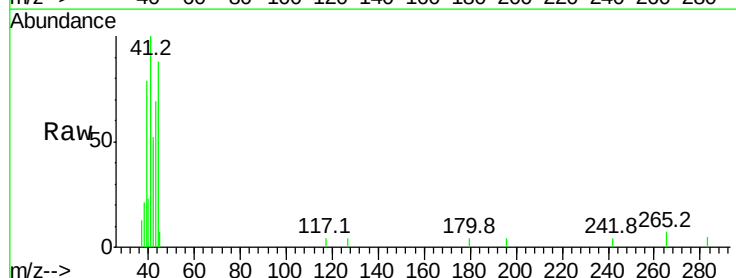
Acq: 2 Jul 2021 10:37

Tgt Ion: 41 Resp: 4499

Ion Ratio Lower Upper

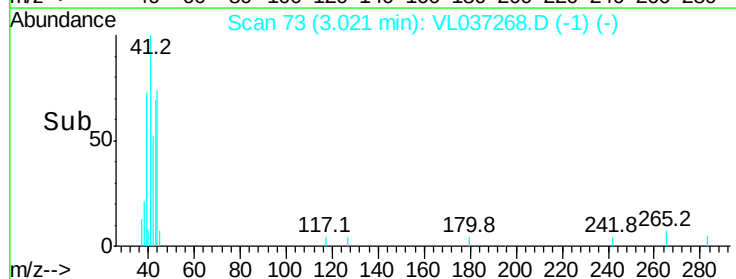
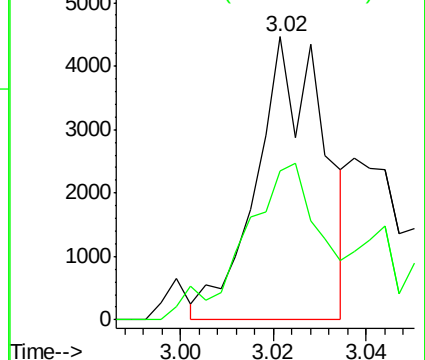
41 100

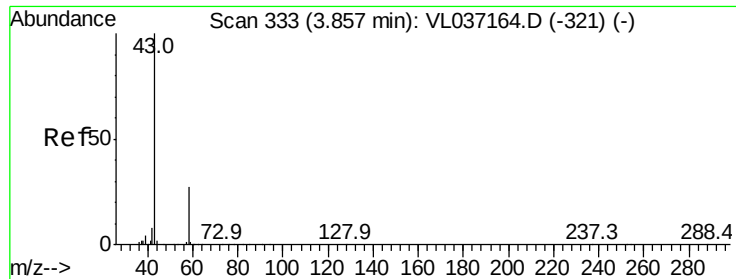
42 93.5 54.5 81.7#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#15

Acetone

Concen: 0.190 ppbv

RT: 3.89 min Scan# 344

Delta R.T. 0.04 min

Lab File: VL037268.D

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Instrument :

MSVOA_L

ClientSampleId :

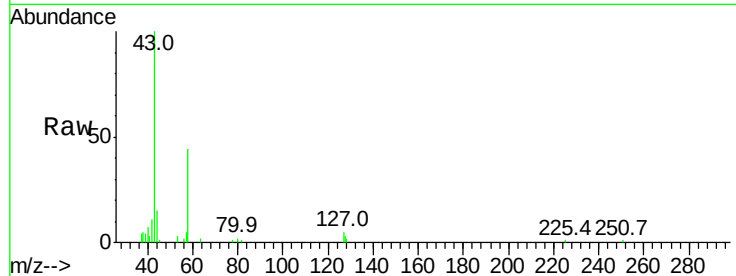
VL0702ABL01

Tgt Ion: 43 Resp: 27154

Ion Ratio Lower Upper

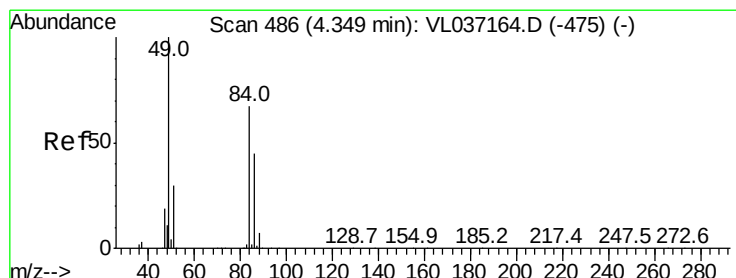
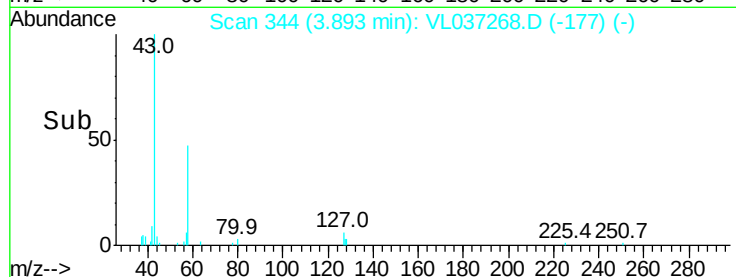
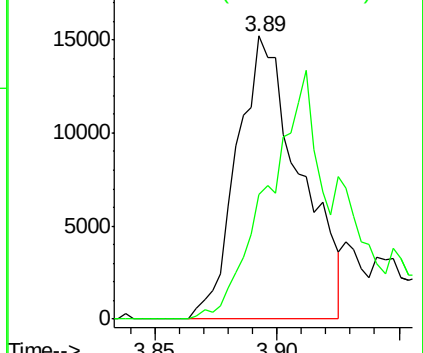
43 100

58 0.0 23.7 35.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 0.062 ppbv

RT: 4.35 min Scan# 487

Delta R.T. 0.00 min

Lab File: VL037268.D

Acq: 2 Jul 2021 10:37

Tgt Ion: 84 Resp: 5297

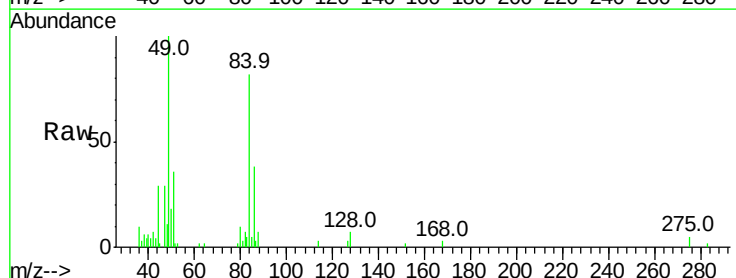
Ion Ratio Lower Upper

84 100

49 122.0 119.7 179.5

51 42.2 36.1 54.1

86 46.2 53.7 80.5#

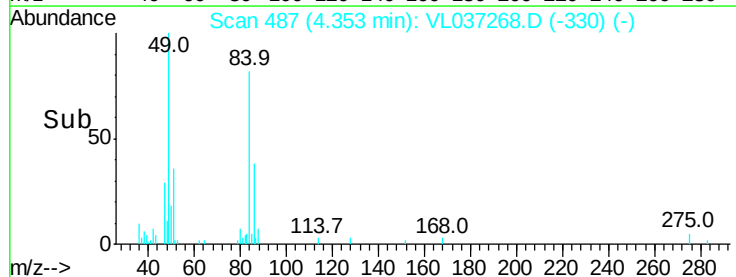
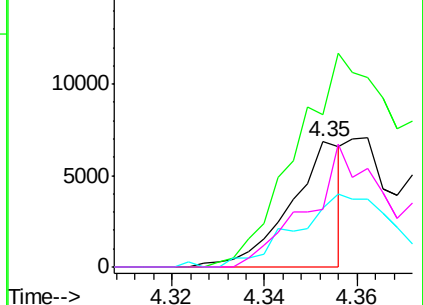


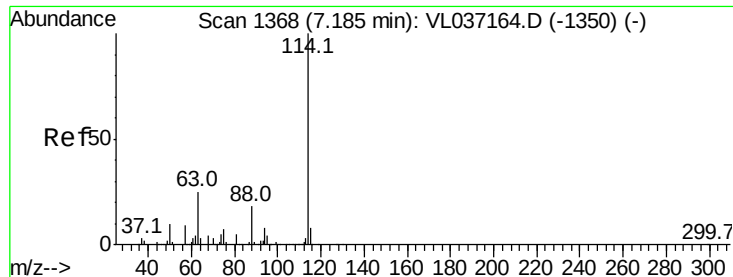
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

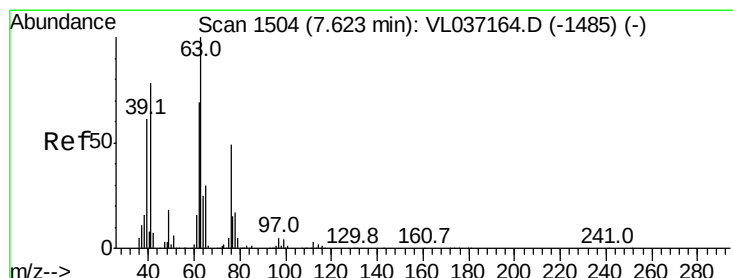
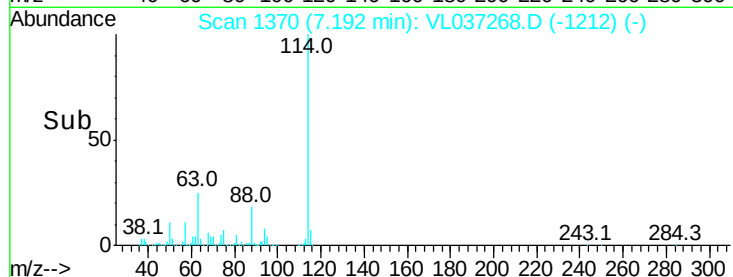
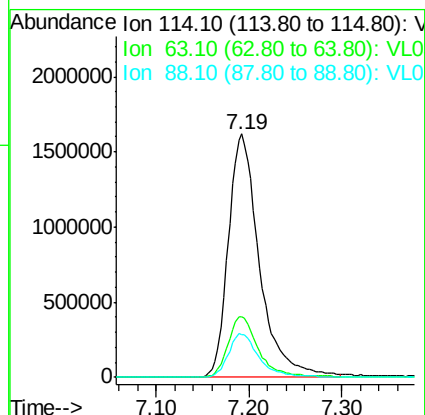
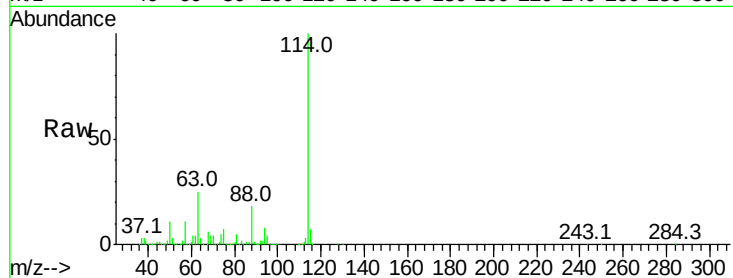




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: VL037268.D
 Acq: 2 Jul 2021 10:37

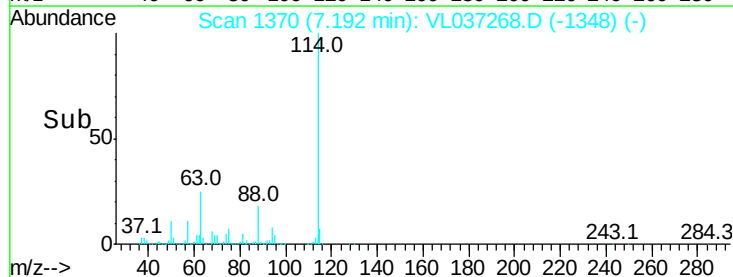
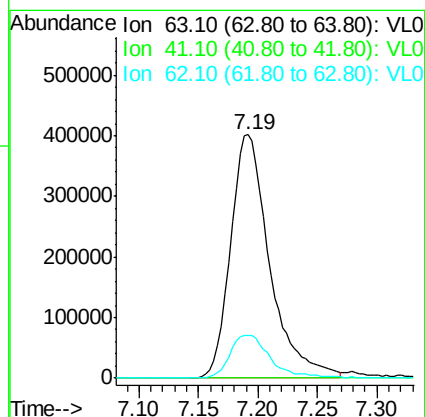
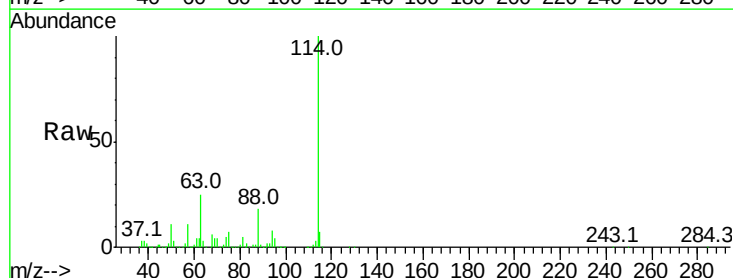
Instrument :
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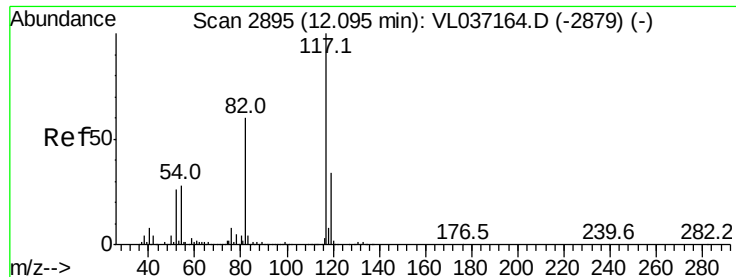
Tgt Ion: 114 Resp: 3774602
 Ion Ratio Lower Upper
 114 100
 63 25.0 19.6 29.4
 88 18.1 14.2 21.2



#39
 1,2-Dichloropropane
 Concen: 8.070 ppbv
 RT: 7.19 min Scan# 1370
 Delta R.T. -0.43 min
 Lab File: VL037268.D
 Acq: 2 Jul 2021 10:37

Tgt Ion: 63 Resp: 915267
 Ion Ratio Lower Upper
 63 100
 41 0.1 62.0 93.0#
 62 17.5 54.9 82.3#

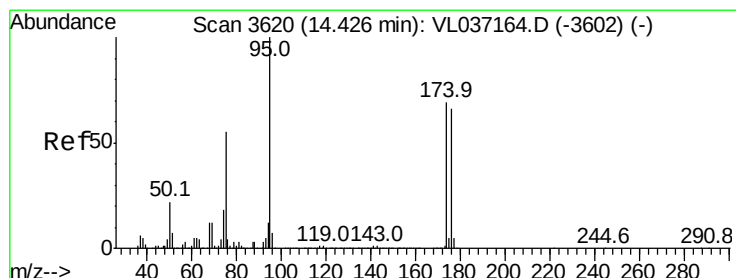
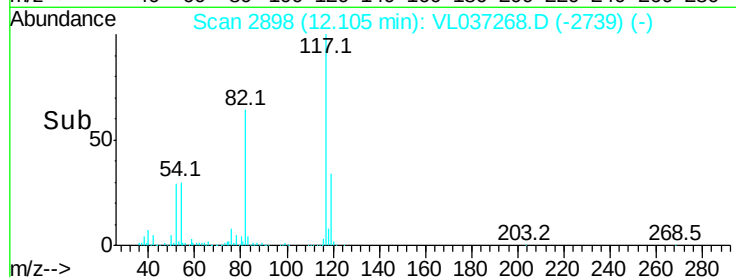
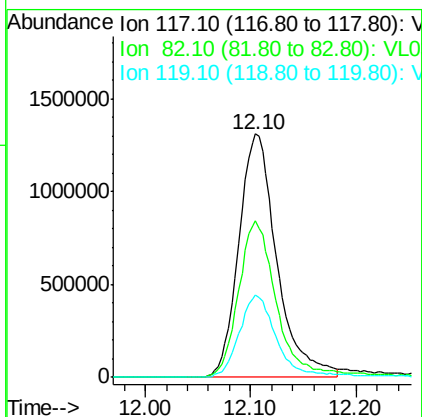
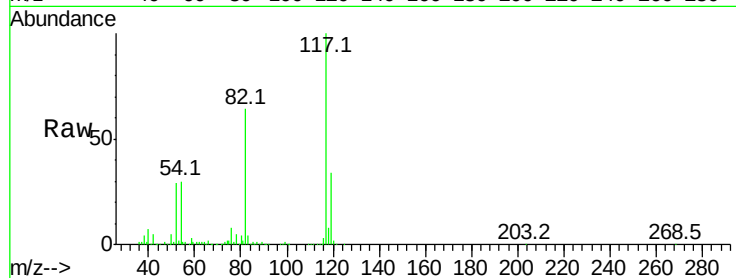




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. 0.01 min
Lab File: VL037268.D
Acq: 2 Jul 2021 10:37

Instrument :
MSVOA_L
ClientSampleId :
VL0702ABL01

Tgt Ion: 117 Resp: 3285871
Ion Ratio Lower Upper
117 100
82 67.3 51.7 77.5
119 34.4 47.6 71.4#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.871 ppbv
RT: 14.44 min Scan# 3623
Delta R.T. 0.01 min
Lab File: VL037268.D
Acq: 2 Jul 2021 10:37

Tgt Ion: 95 Resp: 2457832
Ion Ratio Lower Upper
95 100
174 75.1 57.0 85.4
175 5.4 4.4 6.6

