

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL073021\
 Data File : VL037310.D
 Acq On : 31 Jul 2021 9:16
 Operator : SY/AP
 Sample : M3121-06REDL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-BEDROOM-2REDL

Manual Integrations
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 8/2/2021 8:59:04 AM

Quant Time: Aug 01 22:35:23 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL073021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 30 2021
 QLast Update : Fri Jul 30 23:19:30 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1093423	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	3249587	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.08	117	2965123	10.00	ppbv	-0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.41	95	2119026	9.82	ppbv	-0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.98	51	45297	0.207	ppbv	92
9) Propene	3.02	41	13145m	0.178	ppbv	
13) Ethanol	3.61	45	32541m	2.009	ppbv	
15) Acetone	3.85	43	148398	0.753	ppbv #	61
19) Isopropyl Alcohol	3.99	45	32738m	0.430	ppbv	
20) Methylene Chloride	4.34	84	110534	1.450	ppbv	95
26) Hexane	5.68	57	67843	0.444	ppbv #	51
53) Toluene	9.80	91	31354	0.097	ppbv	89

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

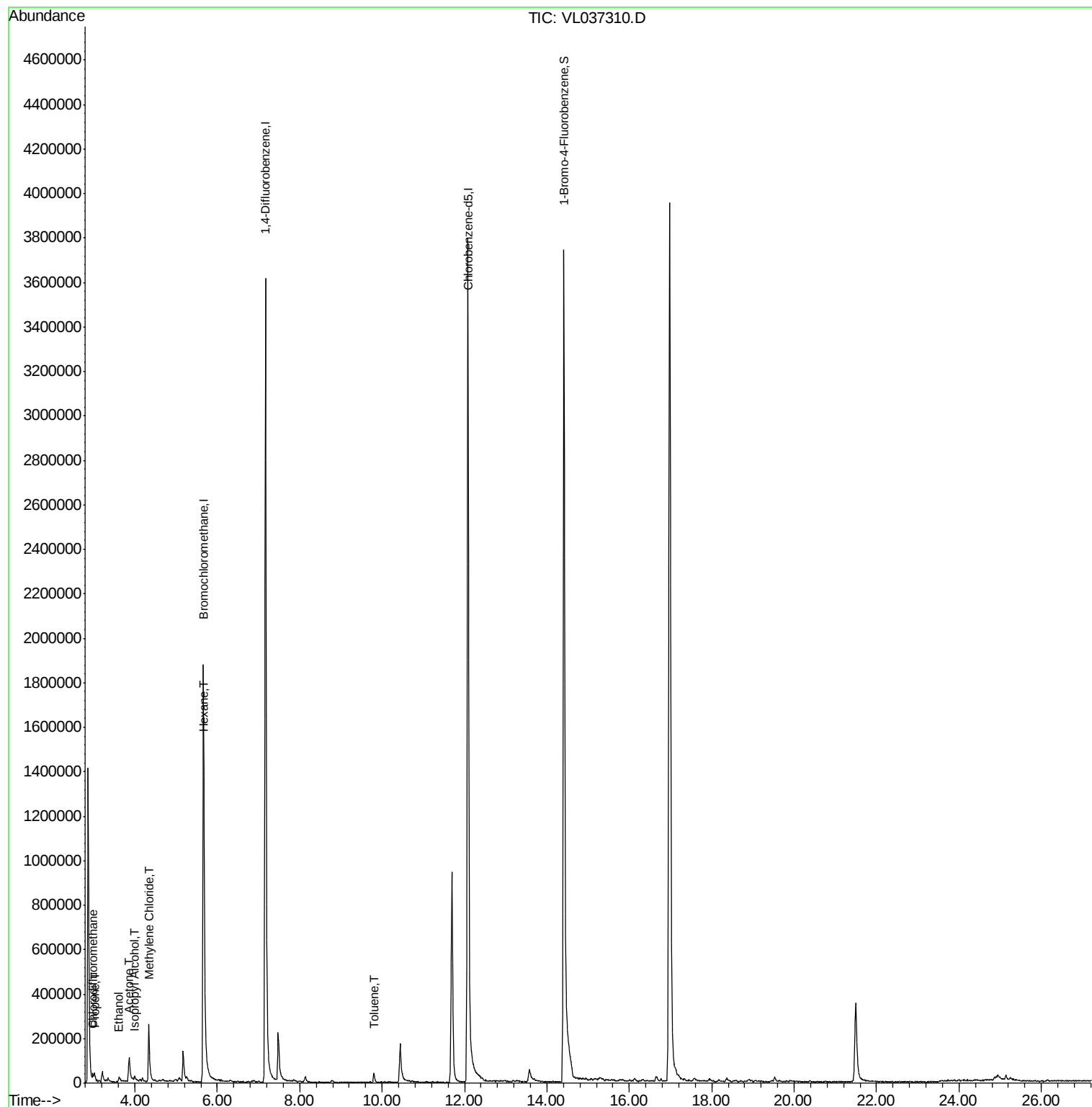
Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL073021\
Data File : VL037310.D
Acq On : 31 Jul 2021 9:16
Operator : SY/AP
Sample : M3121-06REDL 10X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

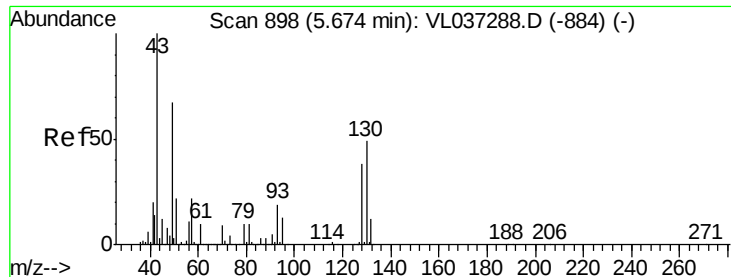
Instrument :
MSVOA_L
ClientSampleId :
IA-BEDROOM-2REDL

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8/2/2021 8:59:04 AM

Quant Time: Aug 01 22:35:23 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL073021AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul
QLast Update : Fri Jul 30 23:19:30 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. -0.01 min

Lab File: VL037310.D

Acq: 31 Jul 2021 9:16

Instrument :

MSVOA_L

ClientSampleId :

IA-BEDROOM-2REDL

Tot Ion: 49 Resp: 1093423

Ion Ratio Lower Upper

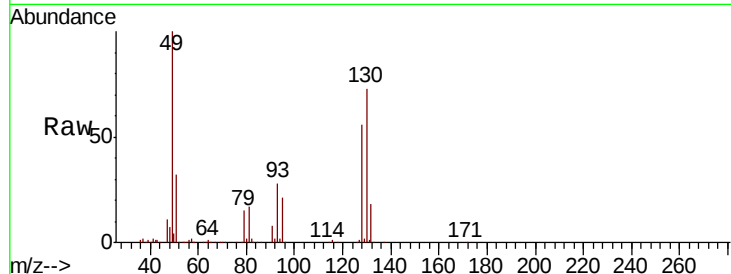
49 100

128 58.3 30.6 92.0

130 74.8 37.8 113.4

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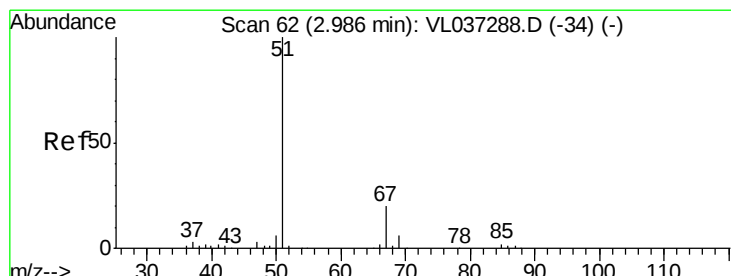
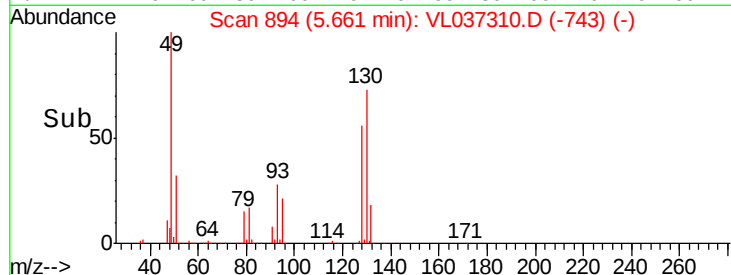
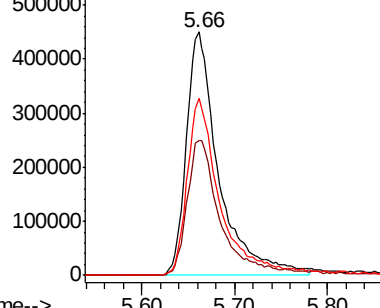
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#3

Chlorodifluoromethane

Concen: 0.207 ppbv

RT: 2.98 min Scan# 61

Delta R.T. -0.00 min

Lab File: VL037310.D

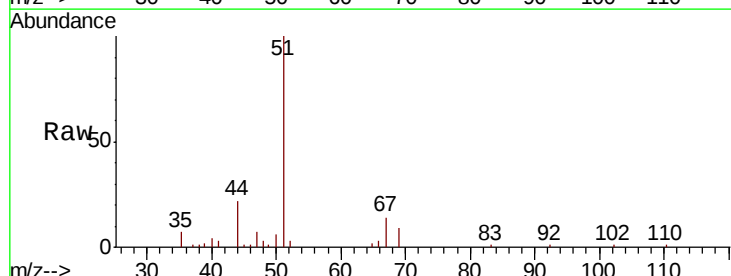
Acq: 31 Jul 2021 9:16

Tgt Ion: 51 Resp: 45297

Ion Ratio Lower Upper

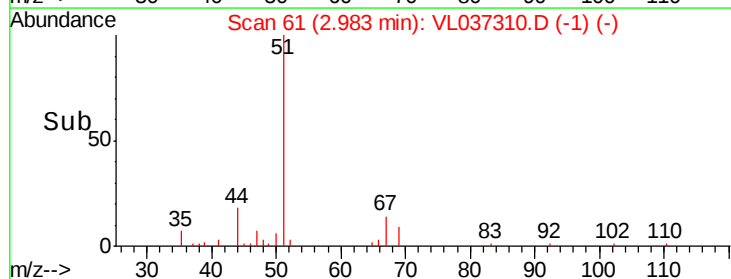
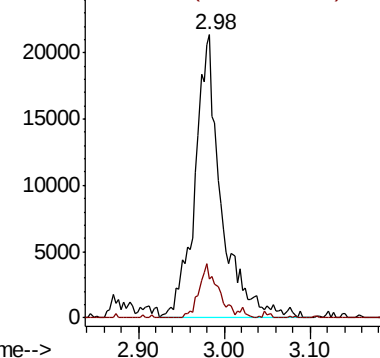
51 100

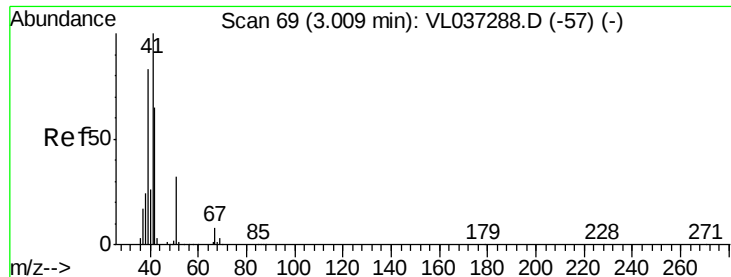
67 15.3 15.2 22.8



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#9

Propene

Concen: 0.178 ppbv m

RT: 3.02 min Scan# 72

Delta R.T. 0.01 min

Lab File: VL037310.D

Acq: 31 Jul 2021 9:16

Instrument :

MSVOA_L

ClientSampleId :

IA-BEDROOM-2REDL

Tot Ion: 41 Resp: 13145

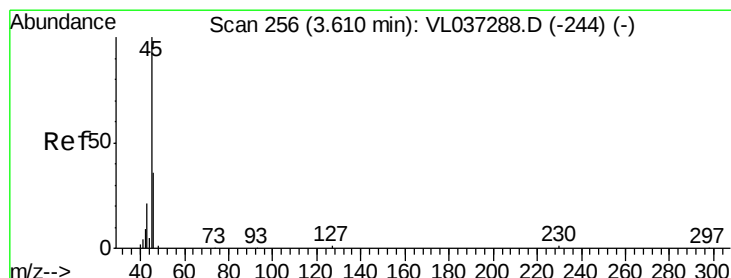
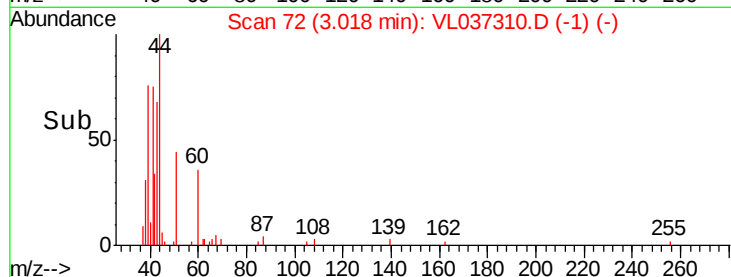
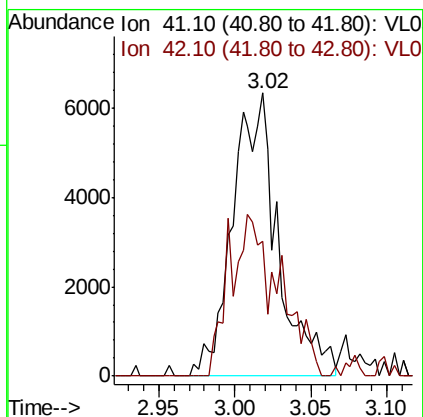
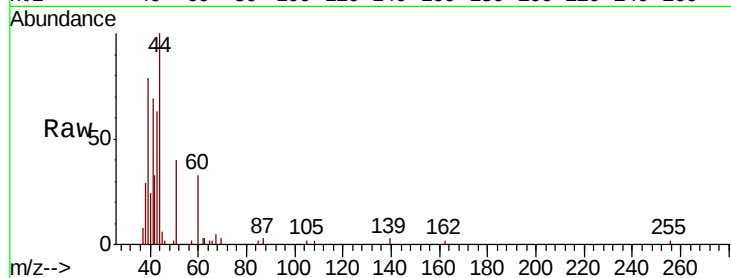
Ion Ratio Lower Upper

41 100

42 62.8 54.0 81.0

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#13

Ethanol

Concen: 2.009 ppbv m

RT: 3.61 min Scan# 257

Delta R.T. 0.00 min

Lab File: VL037310.D

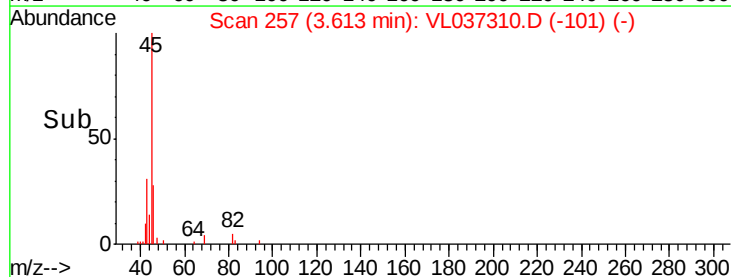
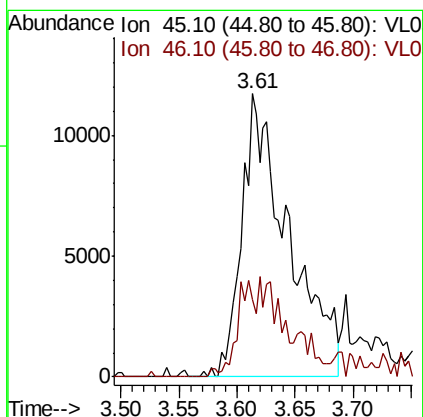
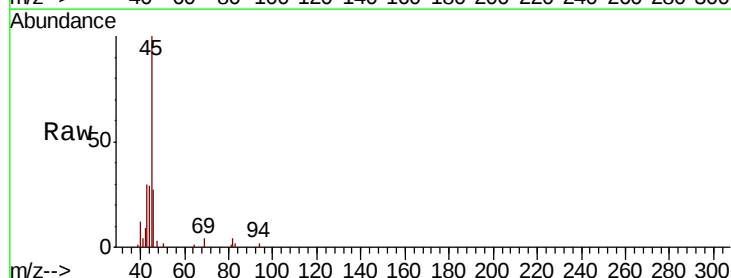
Acq: 31 Jul 2021 9:16

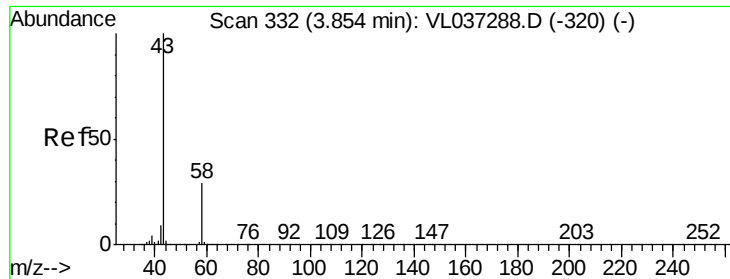
Tgt Ion: 45 Resp: 32541

Ion Ratio Lower Upper

45 100

46 36.0 16.2 64.8





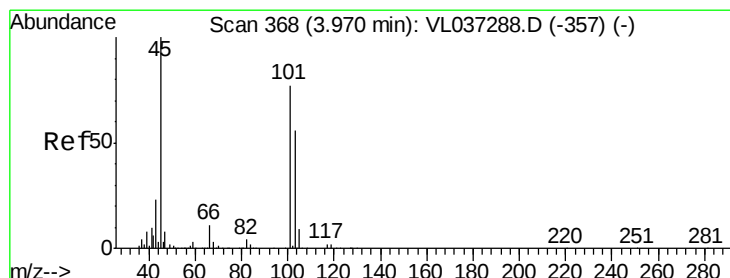
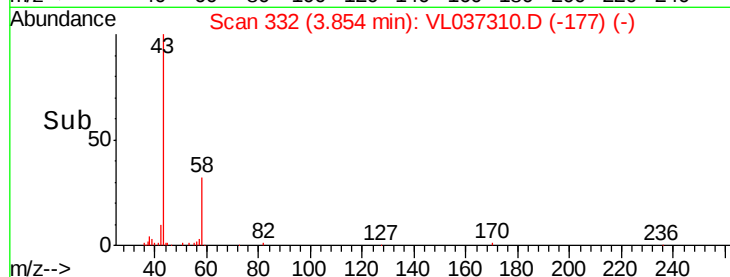
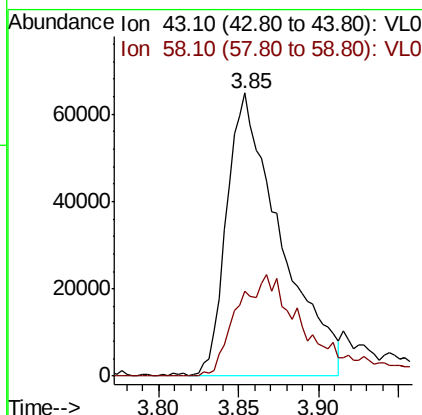
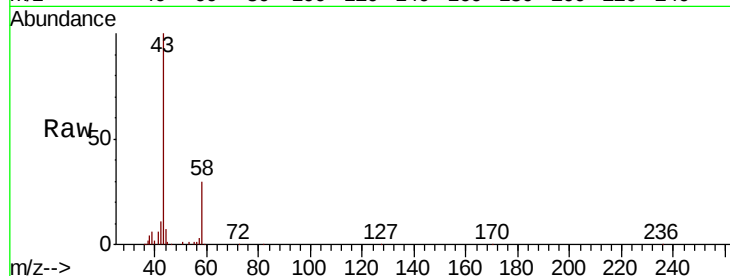
#15
Acetone
Concen: 0.753 ppbv
RT: 3.85 min Scan# 332
Delta R.T. -0.00 min
Lab File: VL037310.D
Acq: 31 Jul 2021 9:16

Instrument :
MSVOA_L
ClientSampleId :
IA-BEDROOM-2REDL

Tot Ion	43	Resp	148398
Ion Ratio	Lower	Upper	
43	100		
58	51.7	24.2	36.4#

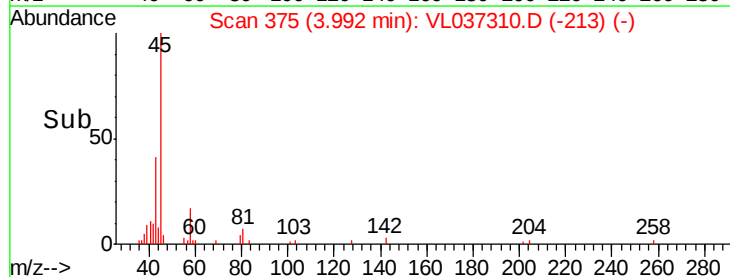
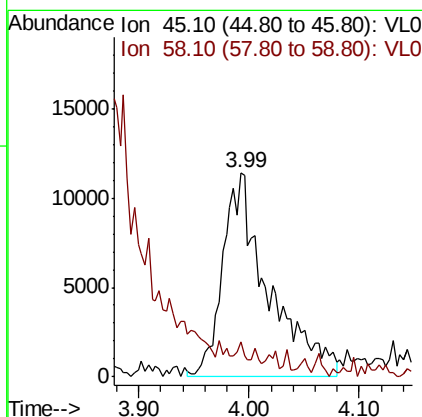
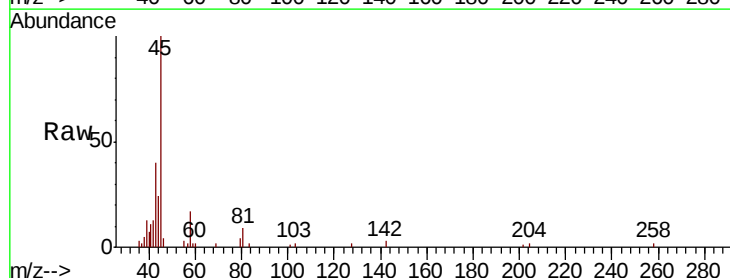
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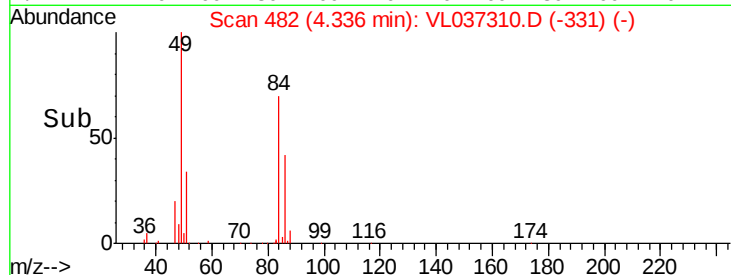
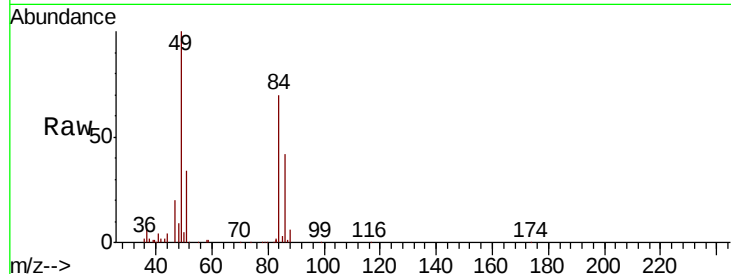
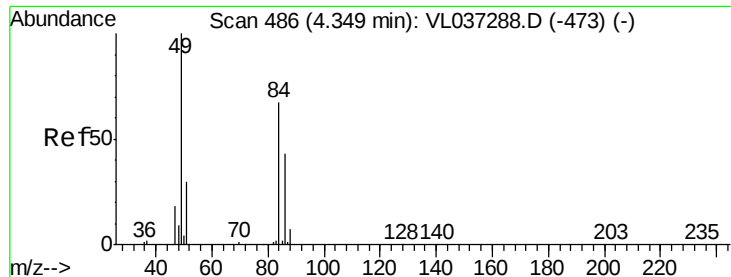
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#19
Isopropyl Alcohol
Concen: 0.430 ppbv m
RT: 3.99 min Scan# 375
Delta R.T. 0.02 min
Lab File: VL037310.D
Acq: 31 Jul 2021 9:16

Tgt Ion	45	Resp	32738
Ion Ratio	Lower	Upper	
45	100		
58	0.0	2.2	3.2#





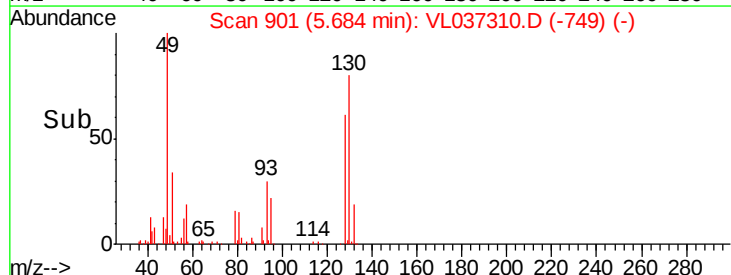
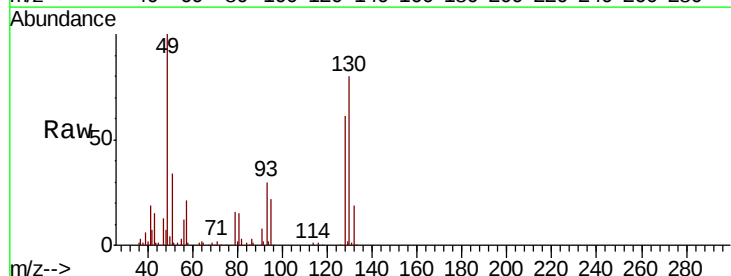
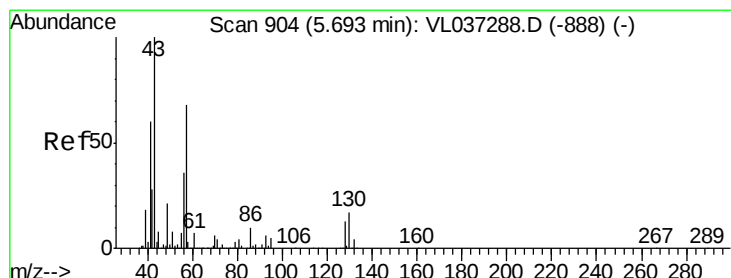
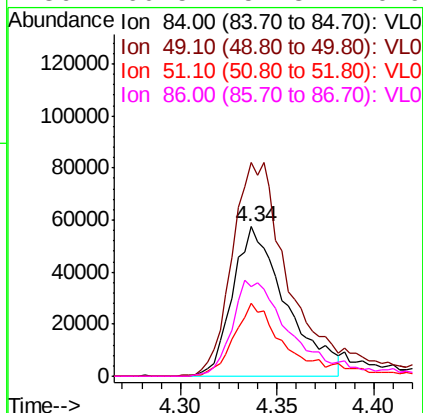
#20
Methvlene Chloride
Concen: 1.450 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.01 min
Lab File: VL037310.D
Acq: 31 Jul 2021 9:16

Tot Ion	Ratio	Lower	Upper
84	100		
49	142.4	120.2	180.4
51	48.3	36.5	54.7
86	60.5	51.3	76.9

Instrument :
MSVOA_L
ClientSampleId :
IA-BEDROOM-2REDL

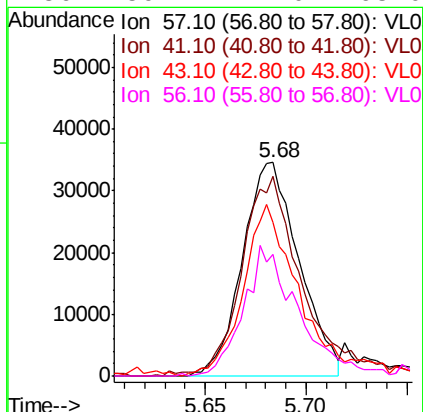
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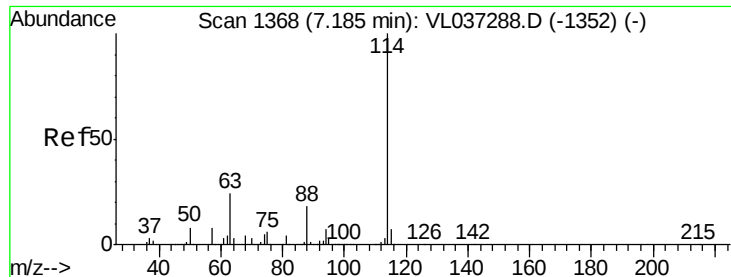
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#26
Hexane
Concen: 0.444 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.01 min
Lab File: VL037310.D
Acq: 31 Jul 2021 9:16

Tgt Ion	Ratio	Lower	Upper
57	100		
41	101.9	71.0	106.6
43	80.1	155.0	232.4#
56	59.1	42.0	63.0





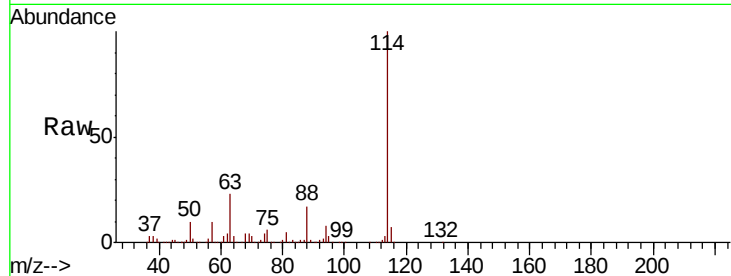
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.02 min
 Lab File: VL037310.D
 Acq: 31 Jul 2021 9:16

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-BEDROOM-2REDL

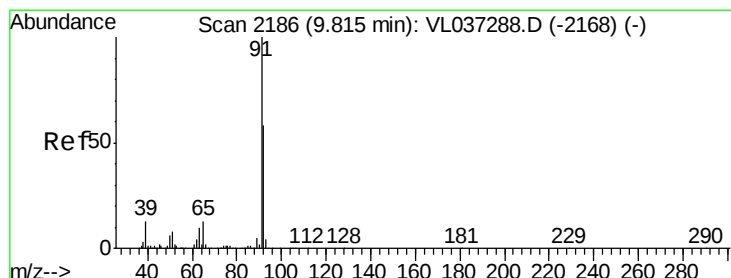
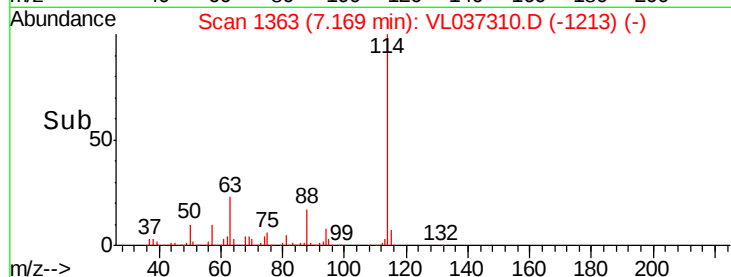
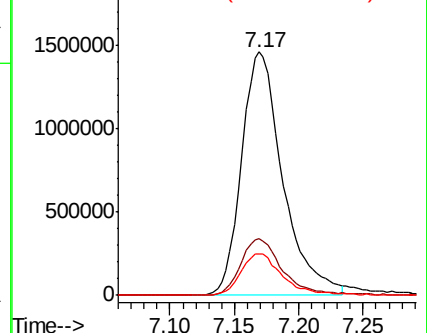
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.7	19.0	28.4
88	17.6	14.0	21.0

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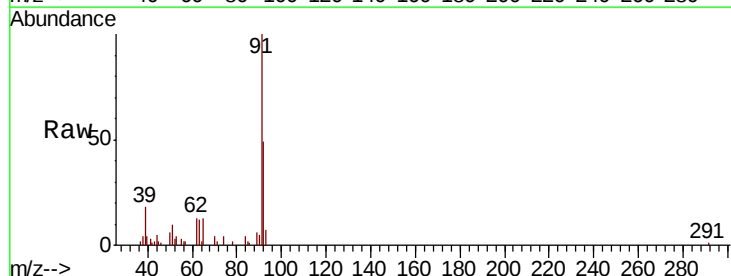


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

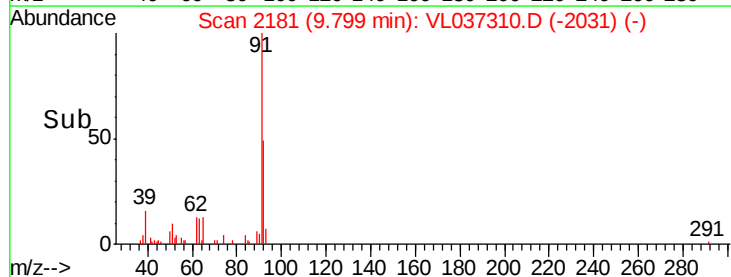
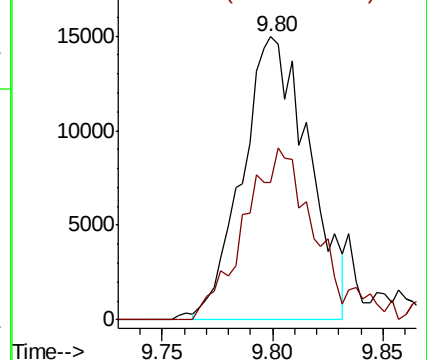


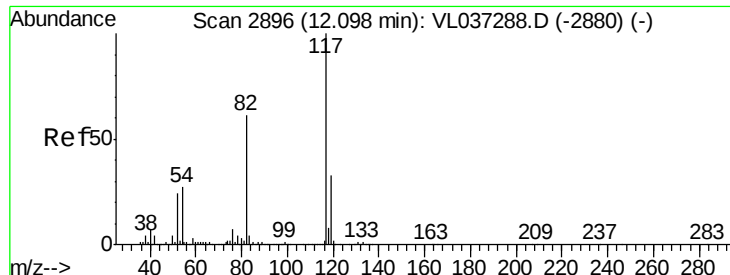
#53
 Toluene
 Concen: 0.097 ppbv
 RT: 9.80 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: VL037310.D
 Acq: 31 Jul 2021 9:16

Tgt Ion	Ratio	Lower	Upper
91	100		
92	68.3	48.2	72.2



Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0





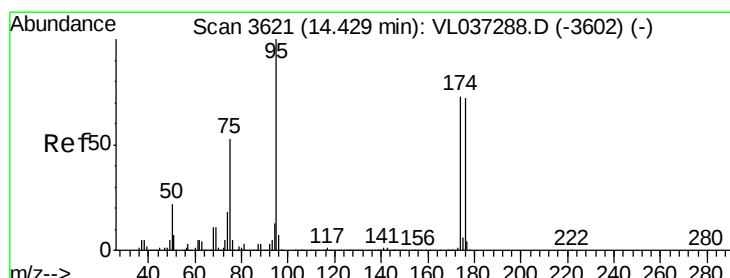
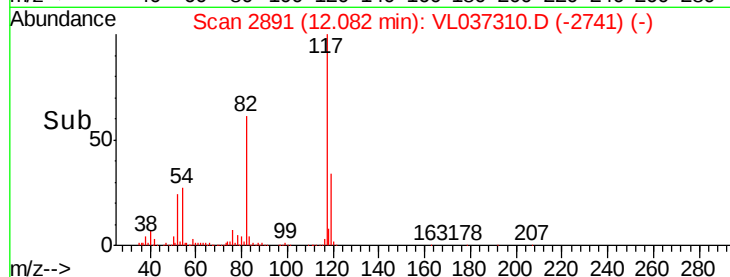
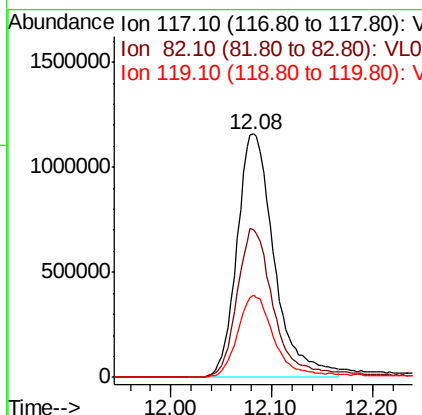
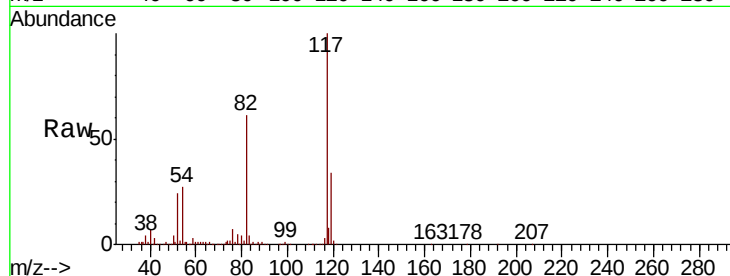
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2891
Delta R.T. -0.02 min
Lab File: VL037310.D
Acq: 31 Jul 2021 9:16

Instrument :
MSVOA_L
ClientSampleId :
IA-BEDROOM-2REDL

Tot Ion	Ratio	Lower	Upper
117	100		
82	63.5	47.2	70.8
119	34.7	45.8	68.8#

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.823 ppbv
RT: 14.41 min Scan# 3616
Delta R.T. -0.02 min
Lab File: VL037310.D
Acq: 31 Jul 2021 9:16

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.7	59.8	89.6
175	5.3	4.5	6.7

