

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073021\
 Data File : VL037308.D
 Acq On : 31 Jul 2021 7:57
 Operator : SY/AP
 Sample : M3121-05DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-BEDROOM-1DL

Manual Integrations
 APPROVED

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 8/2/2021 8:58:56 AM

Quant Time: Jul 31 09:02:05 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL073021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul 31 09:02:05 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	1049594	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	3377408	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.08	117	3005565	10.00	ppbv	-0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.41	95	2109663	9.65	ppbv	-0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.98	51	45461	0.216	ppbv	98
9) Propene	3.02	41	12212m	0.173	ppbv	
13) Ethanol	3.63	45	44233m	2.845	ppbv	
15) Acetone	3.86	43	131167	0.694	ppbv #	55
19) Isopropyl Alcohol	4.00	45	38846m	0.531	ppbv	
20) Methylene Chloride	4.34	84	52521	0.718	ppbv	89
26) Hexane	5.69	57	35026m	0.239	ppbv	
53) Toluene	9.81	91	50030m	0.149	ppbv	

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

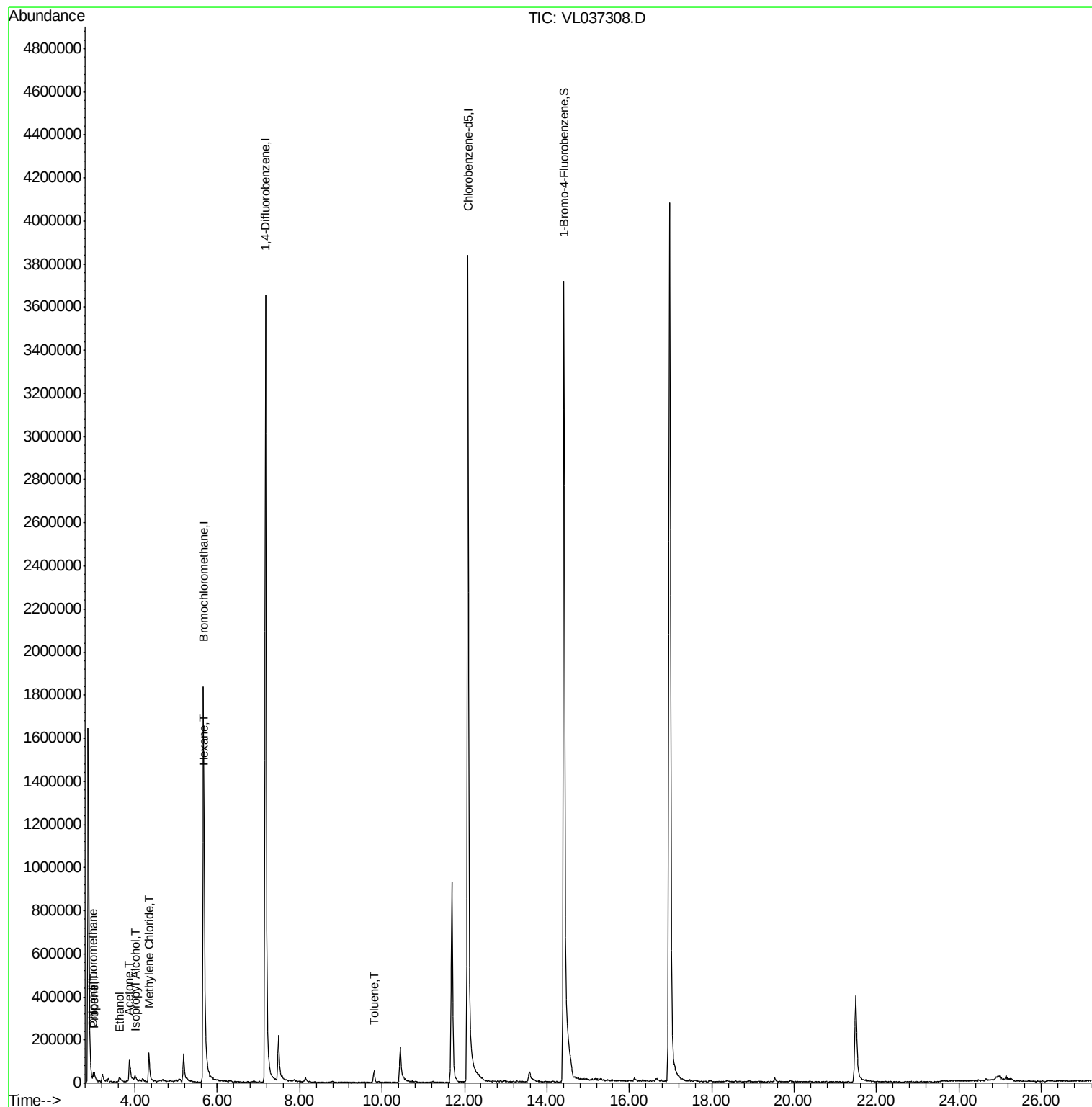
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Data File : VL037308.D
Acq On : 31 Jul 2021 7:57
Operator : SY/AP
Sample : M3121-05DL 10X
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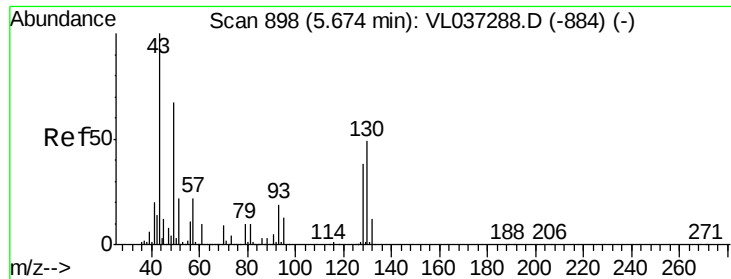
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Jul 31 09:02:05 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL073021AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jul
QLast Update : Fri Jul 30 23:19:30 2021
Response via : Initial Calibration





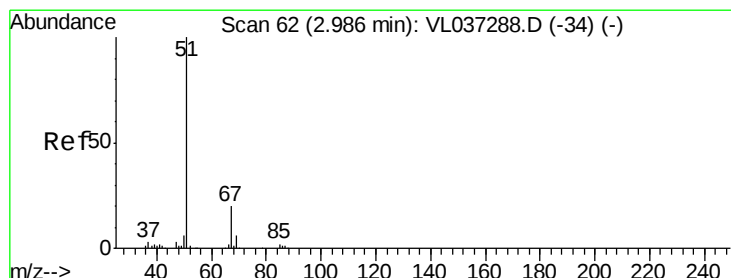
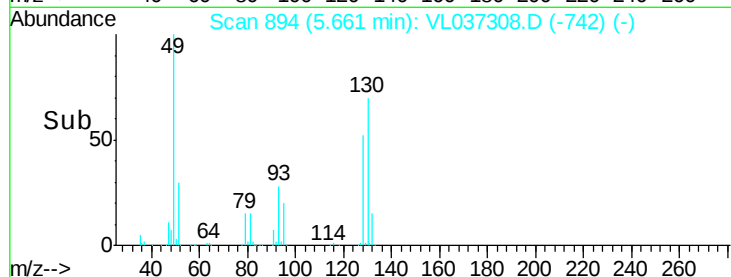
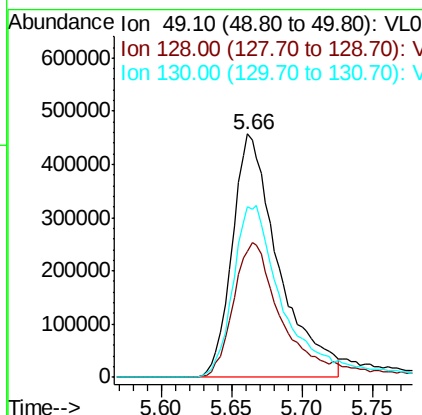
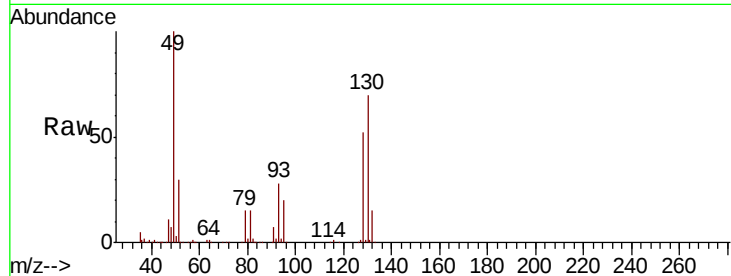
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.01 min
Lab File: VL037308.D
Acq: 31 Jul 2021 7:57

Instrument :
MSVOA_L
ClientSampleId :
IA-BEDROOM-1DL

Tot Ion: 49 Resp: 1049594
Ion Ratio Lower Upper
49 100
128 62.2 30.6 92.0
130 80.6 37.8 113.4

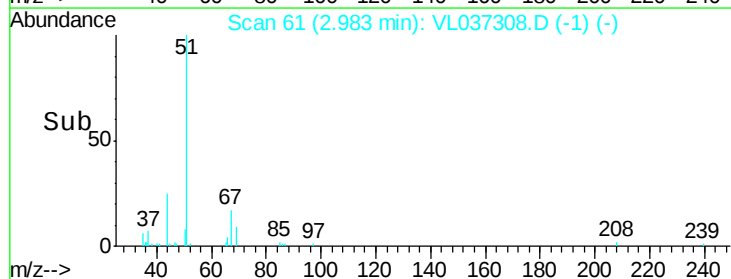
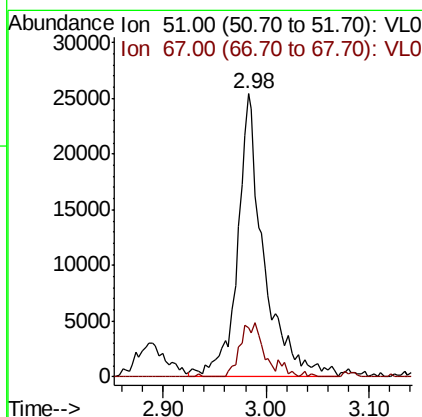
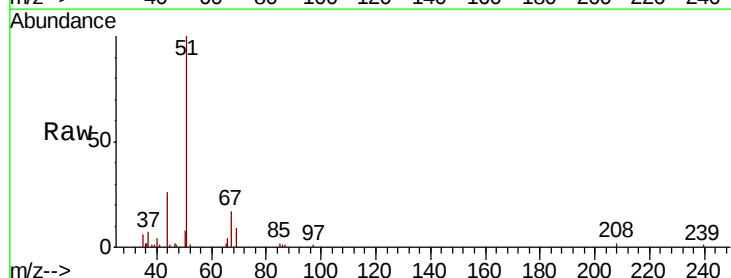
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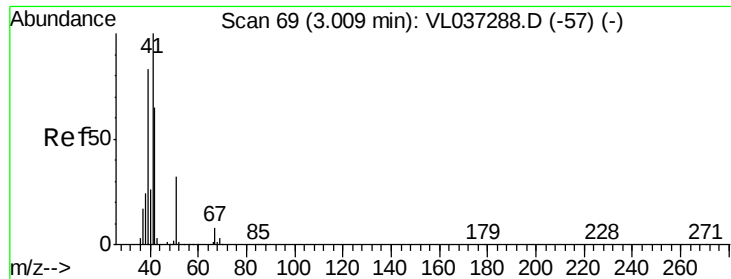
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#3
Chlorodifluoromethane
Concen: 0.216 ppbv
RT: 2.98 min Scan# 61
Delta R.T. -0.00 min
Lab File: VL037308.D
Acq: 31 Jul 2021 7:57

Tgt Ion: 51 Resp: 45461
Ion Ratio Lower Upper
51 100
67 18.1 15.2 22.8





#9

Propene

Concen: 0.173 ppbv m

RT: 3.02 min Scan# 71

Delta R.T. 0.01 min

Lab File: VL037308.D

Acq: 31 Jul 2021 7:57

Instrument :

MSVOA_L

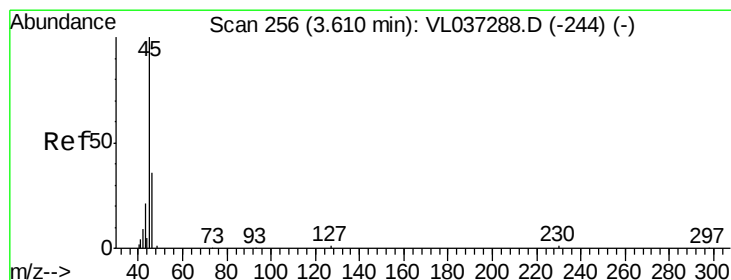
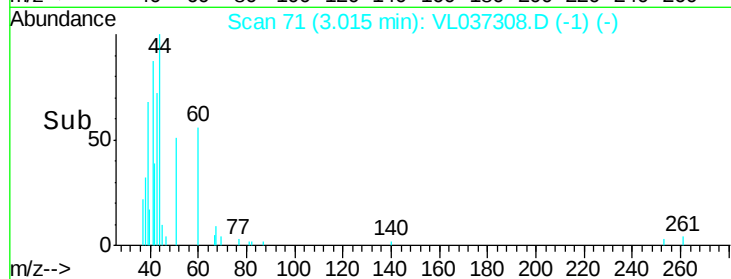
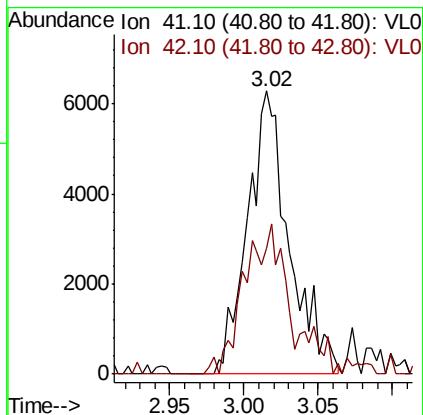
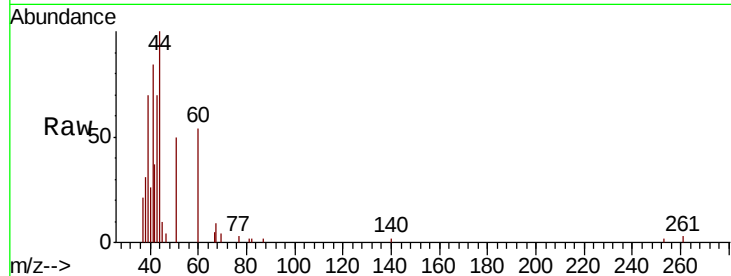
ClientSampleId :

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Tot Ion	41	Resp	12212
Ion	Ratio	Lower	Upper
41	100		
42	0.0	54.0	81.0#

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#13

Ethanol

Concen: 2.845 ppbv m

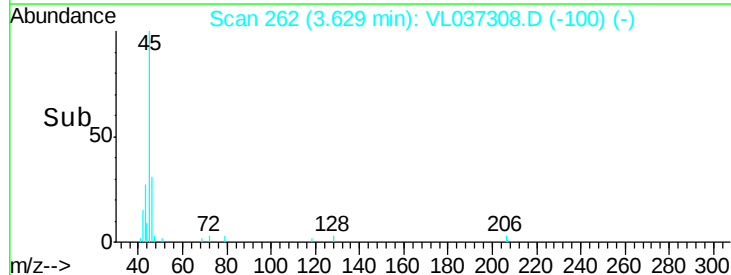
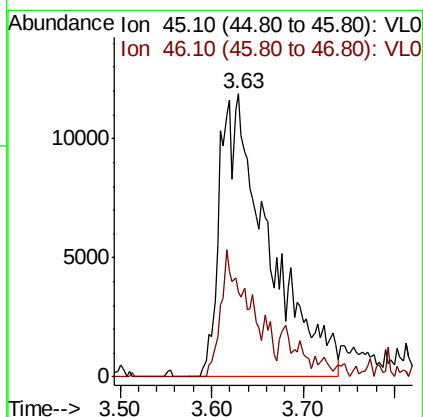
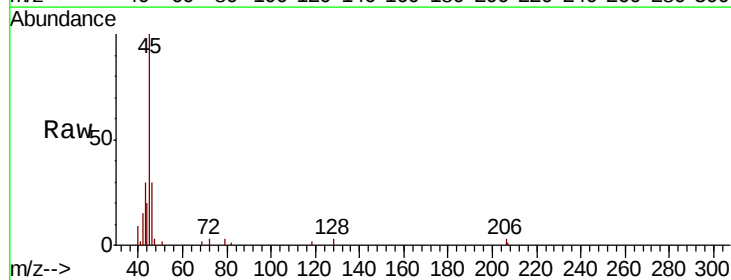
RT: 3.63 min Scan# 262

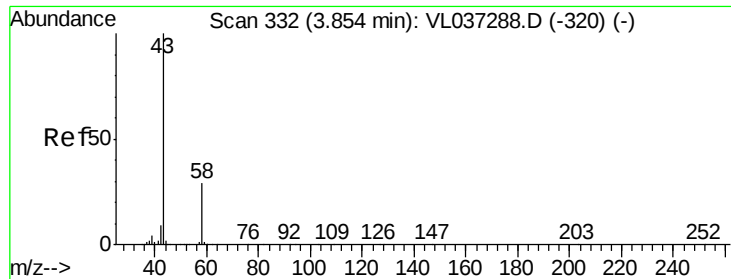
Delta R.T. 0.02 min

Lab File: VL037308.D

Acq: 31 Jul 2021 7:57

Tgt Ion	45	Resp	44233
Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.2	64.8#





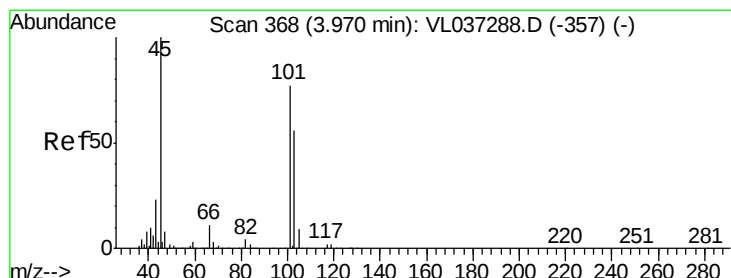
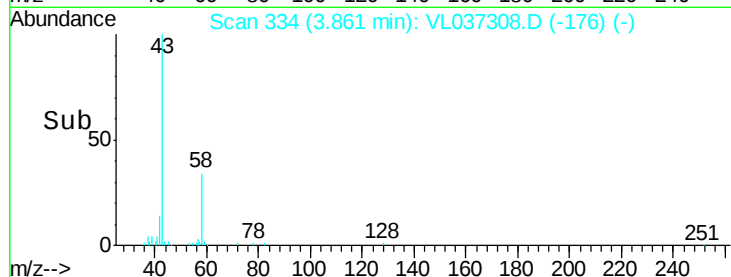
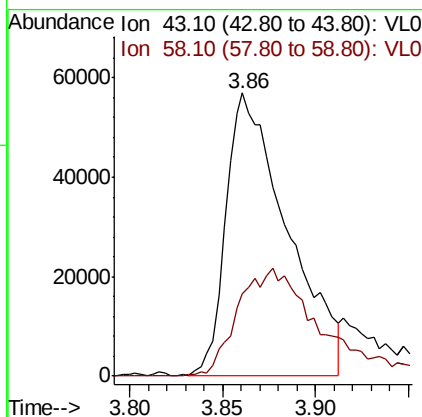
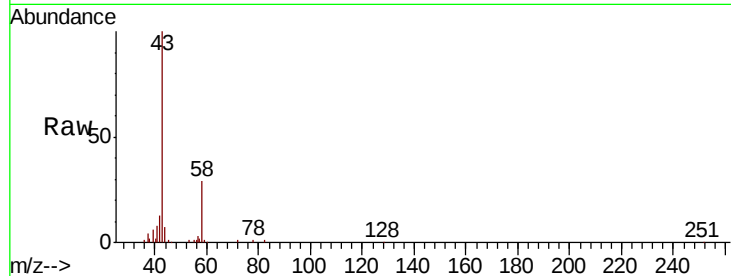
#15
Acetone
Concen: 0.694 ppbv
RT: 3.86 min Scan# 334
Delta R.T. 0.01 min
Lab File: VL037308.D
Acq: 31 Jul 2021 7:57

Instrument :
MSVOA_L
ClientSampleId :
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Tot Ion: 43 Resp: 131167
Ion Ratio Lower Upper
43 100
58 54.7 24.2 36.4#

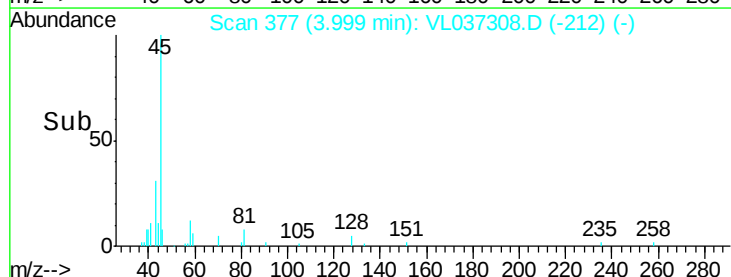
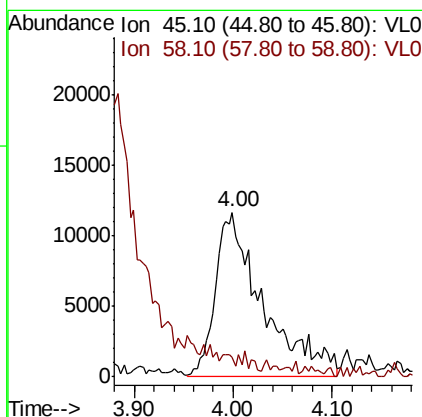
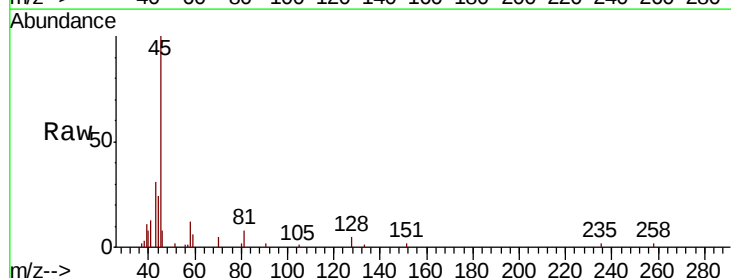
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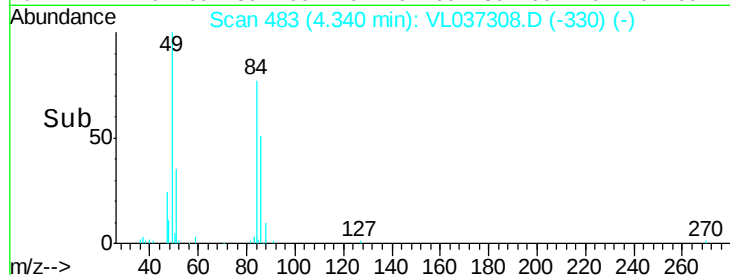
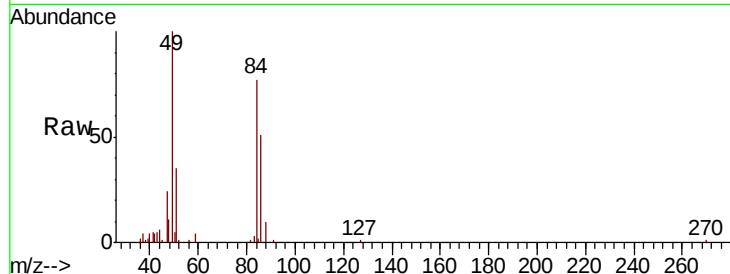
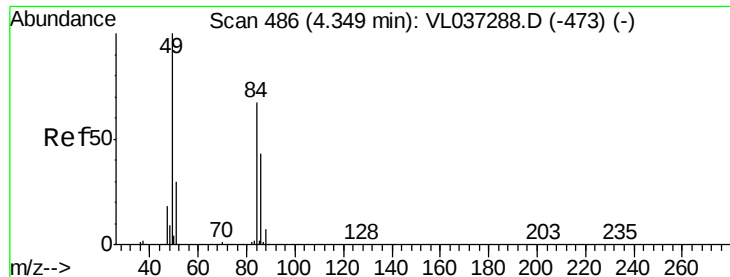
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#19
Isopropyl Alcohol
Concen: 0.531 ppbv m
RT: 4.00 min Scan# 377
Delta R.T. 0.03 min
Lab File: VL037308.D
Acq: 31 Jul 2021 7:57

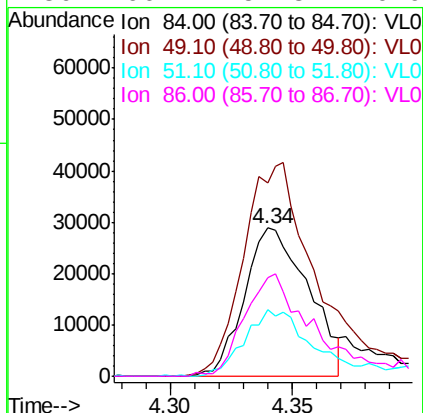
Tgt Ion: 45 Resp: 38846
Ion Ratio Lower Upper
45 100
58 0.0 2.2 3.2#





#20
Methvlene Chloride
Concen: 0.718 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.01 min
Lab File: VL037308.D
Acq: 31 Jul 2021 7:57

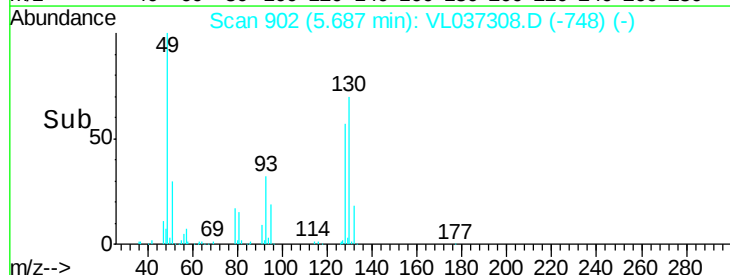
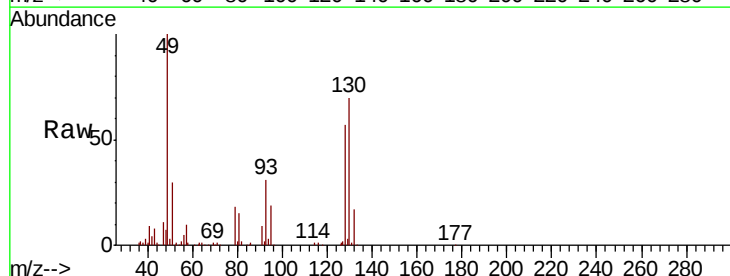
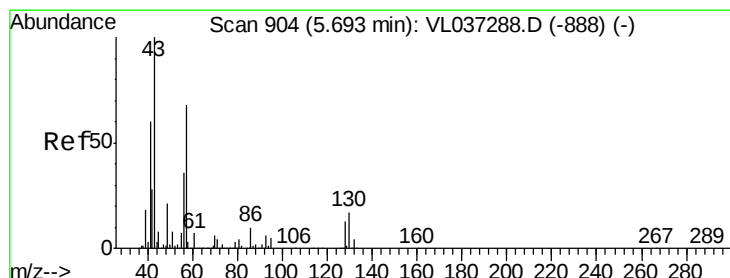
Tot Ion	84	Resp	52521
Ion	Ratio	Lower	Upper
84	100		
49	128.8	120.2	180.4
51	45.2	36.5	54.7
86	66.7	51.3	76.9



Instrument :
MSVOA_L
ClientSampleId :
IA-BEDROOM-1DL

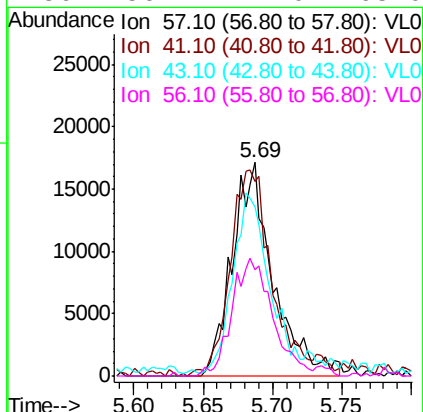
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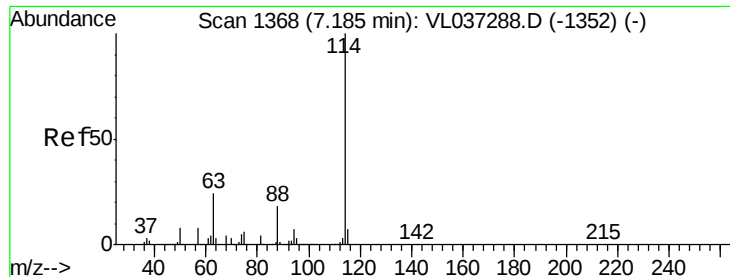
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#26
Hexane
Concen: 0.239 ppbv m
RT: 5.69 min Scan# 902
Delta R.T. -0.01 min
Lab File: VL037308.D
Acq: 31 Jul 2021 7:57

Tgt Ion	57	Resp	35026
Ion	Ratio	Lower	Upper
57	100		
41	106.3	71.0	106.6
43	82.9	155.0	232.4#
56	56.1	42.0	63.0





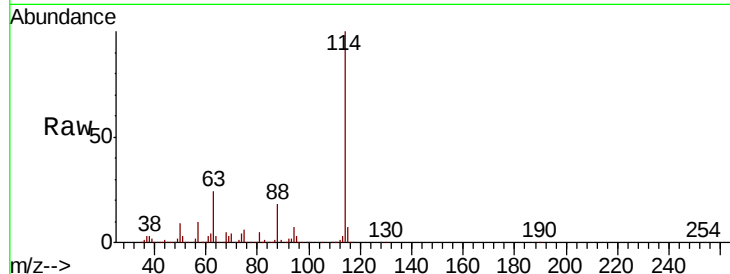
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.02 min
 Lab File: VL037308.D
 Acq: 31 Jul 2021 7:57

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-BEDROOM-1DL

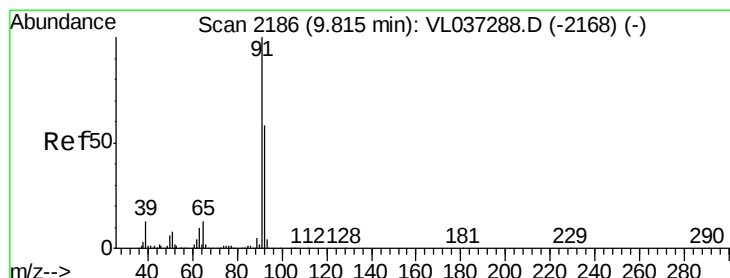
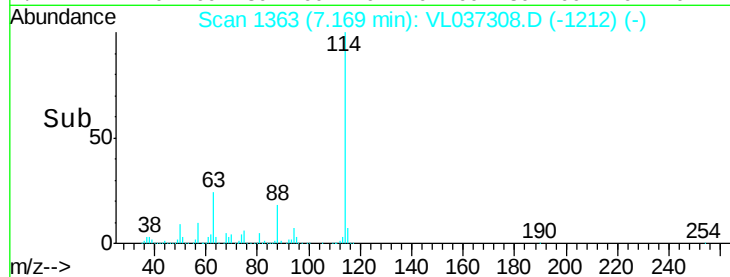
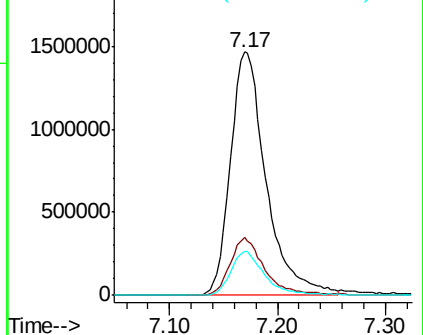
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.1	19.0	28.4
88	17.4	14.0	21.0

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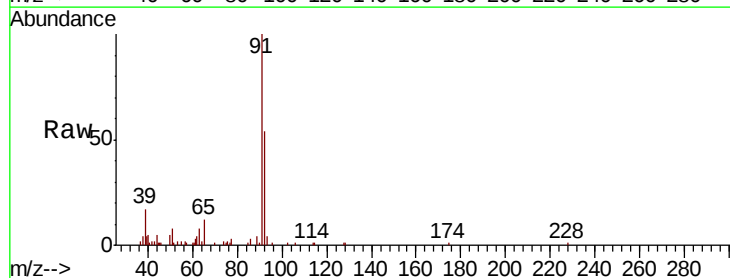


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

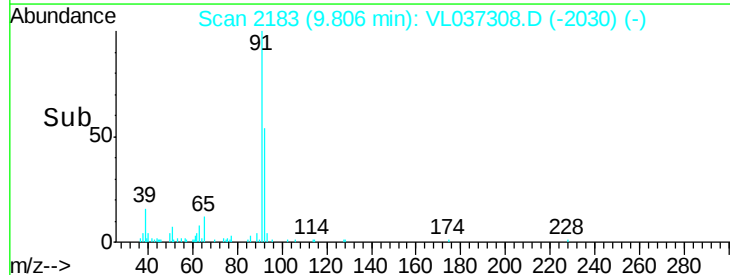
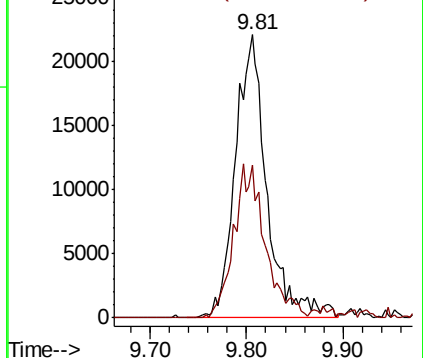


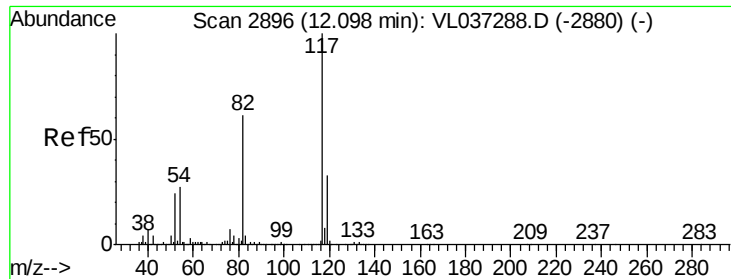
#53
 Toluene
 Concen: 0.149 ppbv m
 RT: 9.81 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: VL037308.D
 Acq: 31 Jul 2021 7:57

Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.1	48.2	72.2



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





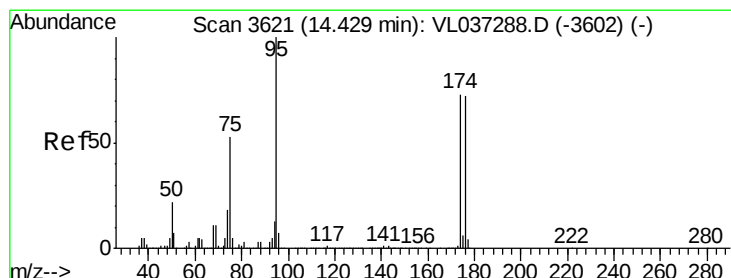
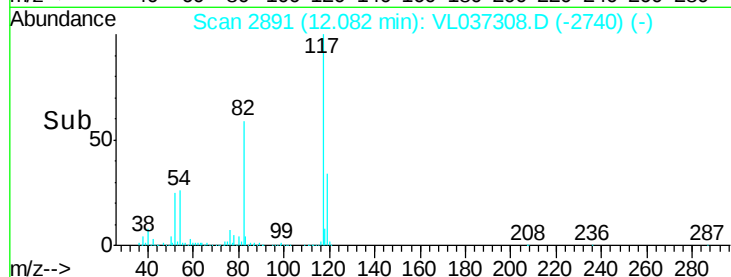
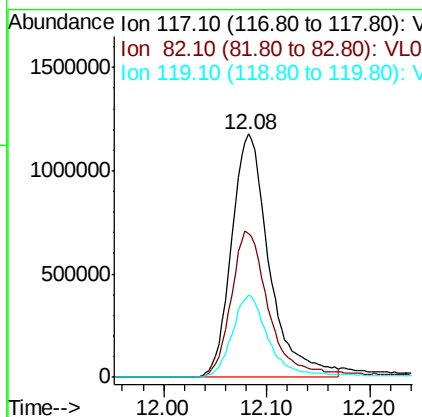
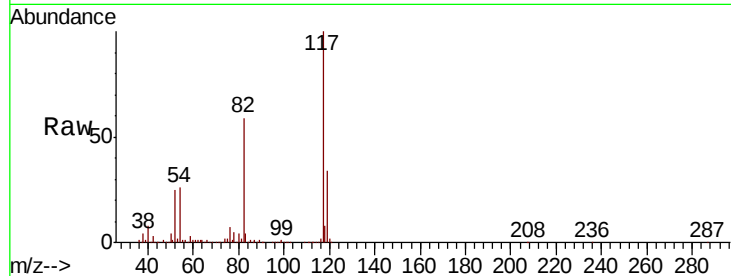
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2891
Delta R.T. -0.02 min
Lab File: VL037308.D
Acq: 31 Jul 2021 7:57

Instrument :
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IA-BEDROOM-1DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	64.0	47.2	70.8
119	34.0	45.8	68.8

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.648 ppbv
RT: 14.41 min Scan# 3616
Delta R.T. -0.02 min
Lab File: VL037308.D
Acq: 31 Jul 2021 7:57

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.4	59.8	89.6
175	6.0	4.5	6.7

