

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122921\
 Data File : VL038238.D
 Acq On : 29 Dec 2021 18:37
 Operator : SY/AP
 Sample : M5217-01DL2 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/30/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022

Quant Time: Dec 29 19:59:09 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL122121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LTue Dec 29 19:59:09 2021
 QLast Update : Tue Dec 21 17:47:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.671	49	701216	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.176	114	1784681	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.082	117	1506780	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.410	95	1204988	10.378	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.800%
Target Compounds						
					Qvalue	
9) Propene	3.028	41	8993m	0.176	ppbv	
13) Ethanol	3.623	45	41539m	4.789	ppbv	
15) Acetone	3.861	43	51670	0.734	ppbv	99
20) Methylene Chloride	4.349	84	104784	2.637	ppbv	98
26) Hexane	5.690	57	42972	0.449	ppbv #	42
34) 2-Butanone	5.263	43	17805m	0.332	ppbv	

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

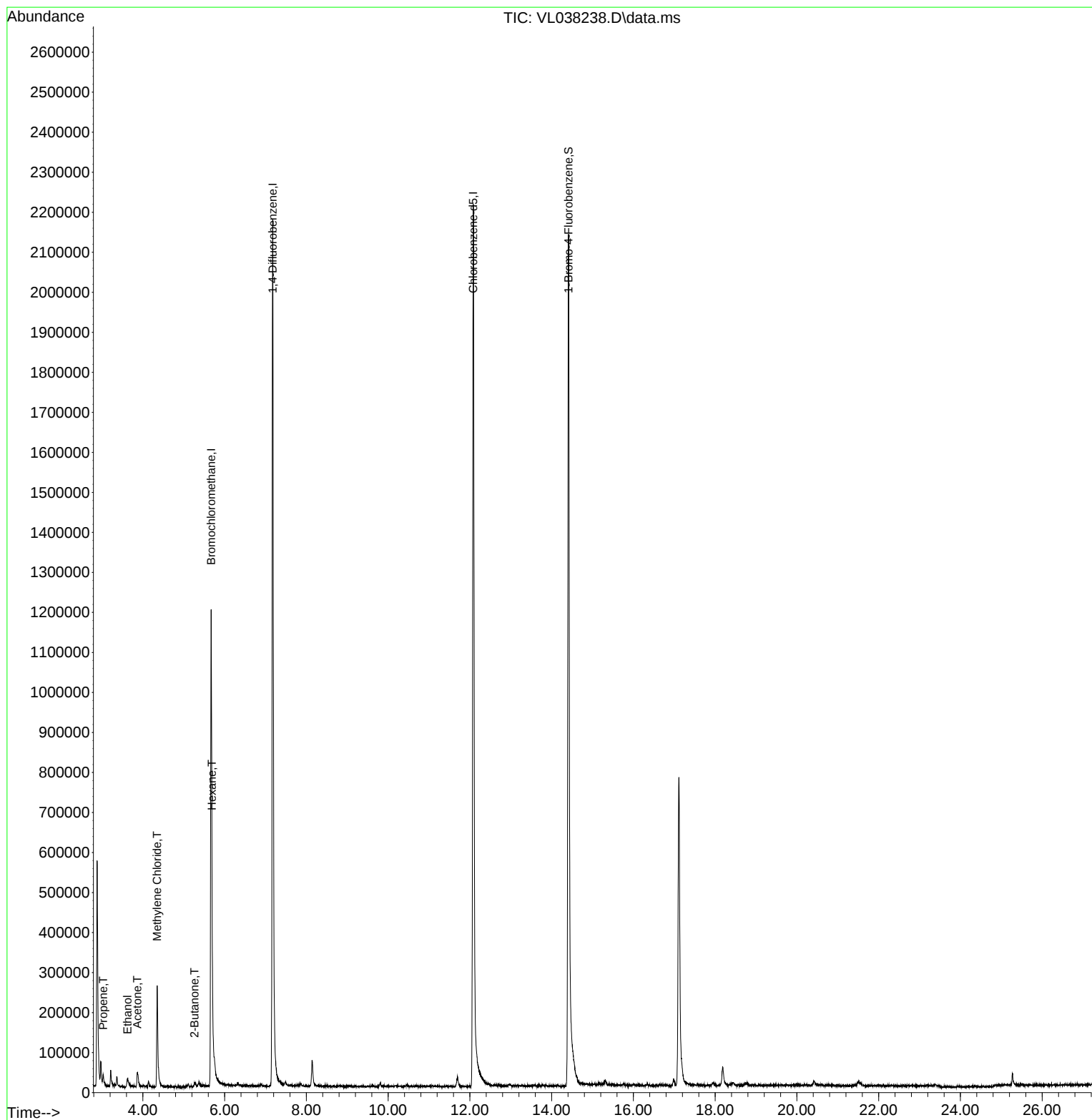
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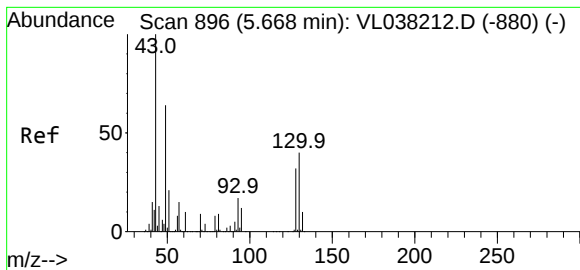
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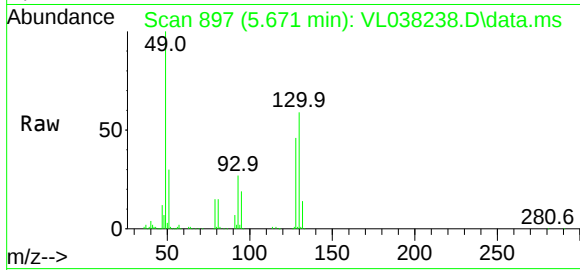
Quant Time: Dec 29 19:59:09 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL122121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Dec
QLast Update : Tue Dec 21 17:47:08 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.671 min Scan# 896
Delta R.T. 0.003 min
Lab File: VL038238.D
Acq: 29 Dec 2021 18:37

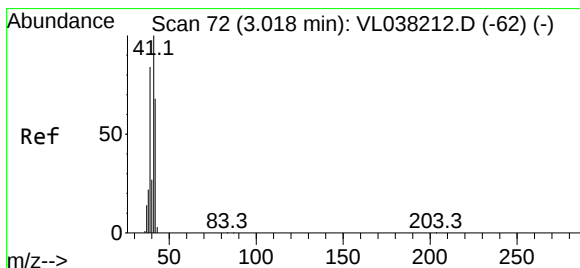
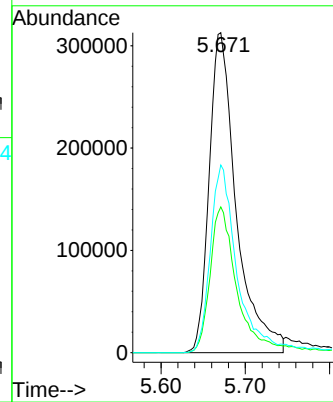
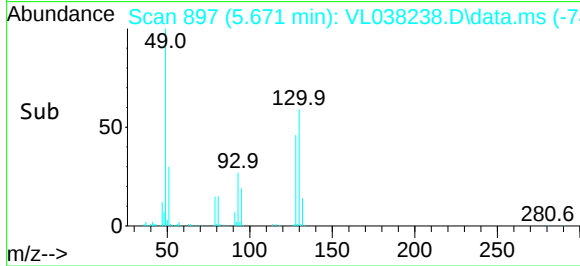
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 49 Resp: 701210
Ion Ratio Lower Upper
49 100
128 47.2 26.9 80.6
130 59.6 32.3 96.9

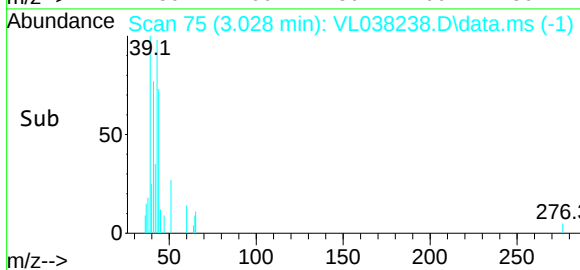
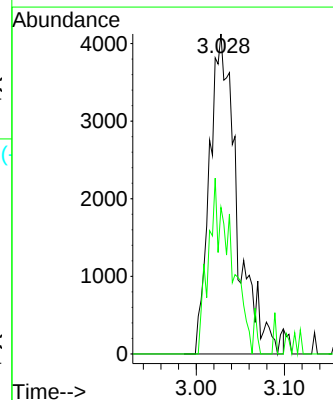
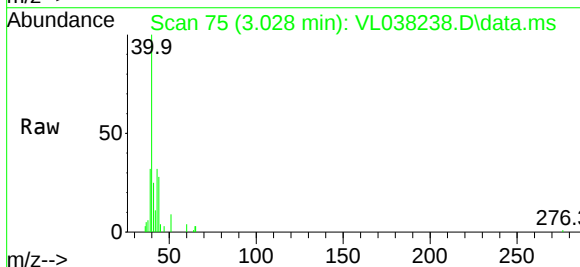
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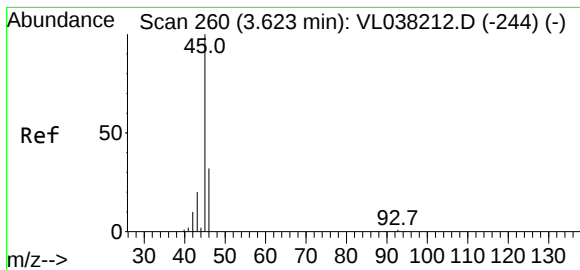
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#9
Propene
Concen: 0.176 ppbv m
RT: 3.028 min Scan# 75
Delta R.T. 0.010 min
Lab File: VL038238.D
Acq: 29 Dec 2021 18:37

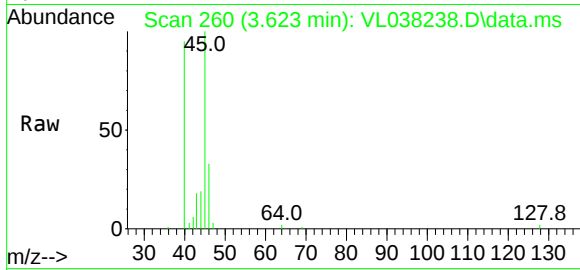
Tgt Ion: 41 Resp: 8993
Ion Ratio Lower Upper
41 100
42 42.3 55.5 83.3#





#13
Ethanol
Concen: 4.789 ppbv m
RT: 3.623 min Scan# 244
Delta R.T. -0.000 min
Lab File: VL038238.D
Acq: 29 Dec 2021 18:37

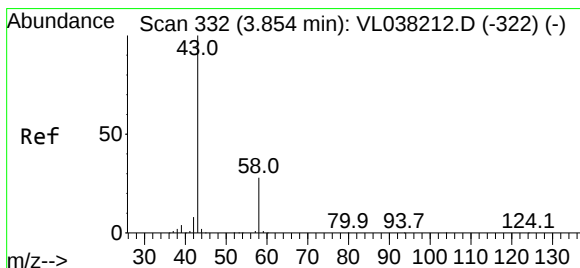
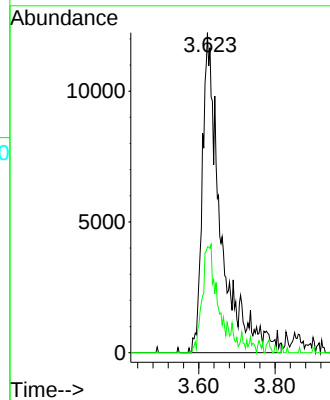
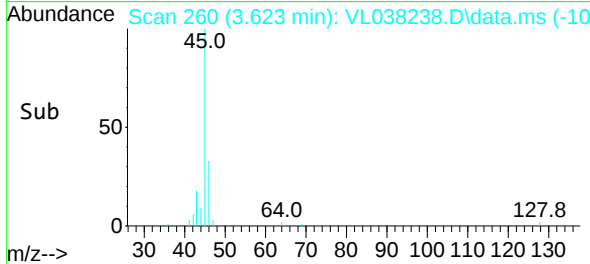
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



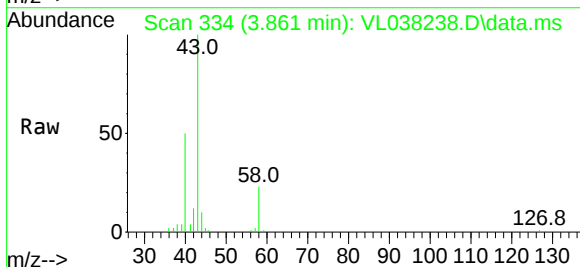
Tgt Ion: 45 Resp: 41539
Ion Ratio Lower Upper
45 100
46 0.0 0.0 0.0

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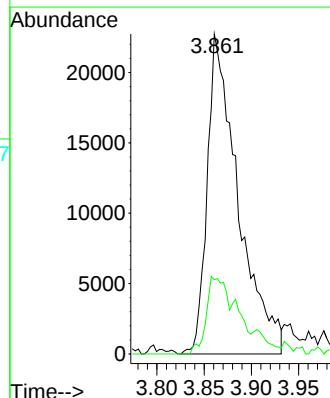
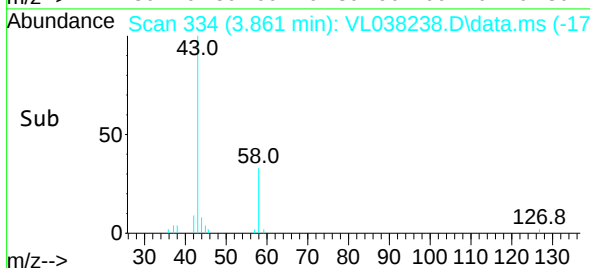
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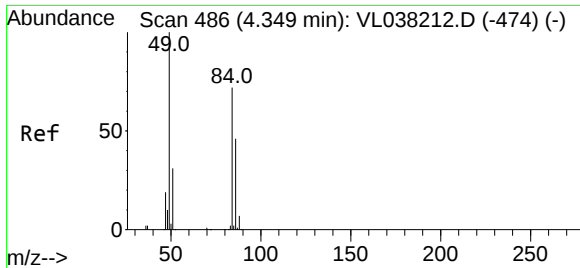


#15
Acetone
Concen: 0.734 ppbv
RT: 3.861 min Scan# 334
Delta R.T. 0.006 min
Lab File: VL038238.D
Acq: 29 Dec 2021 18:37



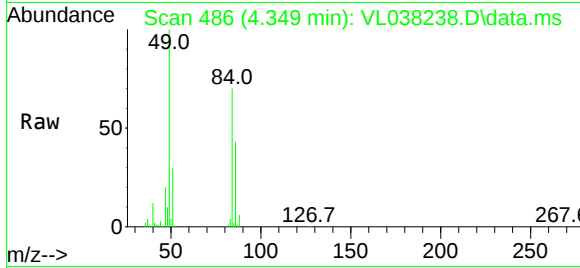
Tgt Ion: 43 Resp: 51670
Ion Ratio Lower Upper
43 100
58 28.6 23.3 34.9





#20
Methylene Chloride
Concen: 2.637 ppbv
RT: 4.349 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL038238.D
Acq: 29 Dec 2021 18:37

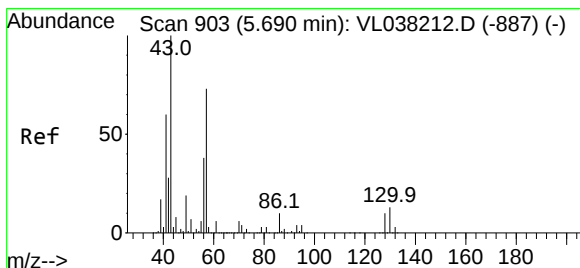
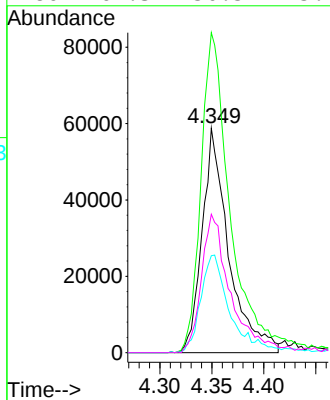
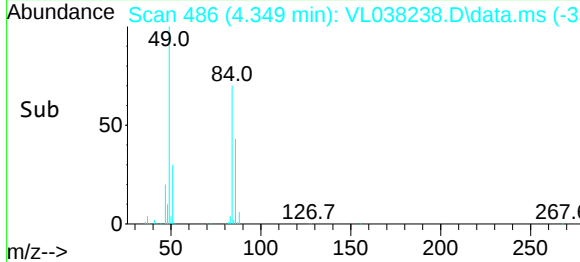
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 84 Resp: 104784
Ion Ratio Lower Upper
84 100
49 142.0 110.6 166.0
51 42.8 34.2 51.2
86 61.3 50.5 75.7

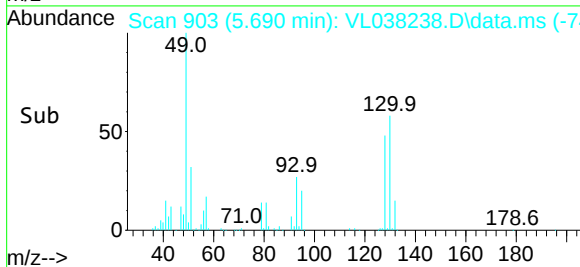
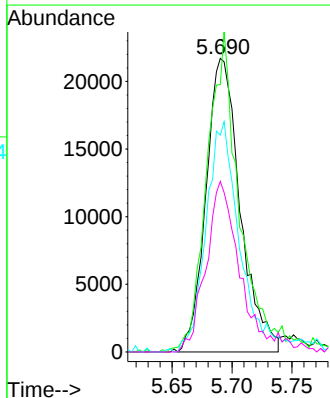
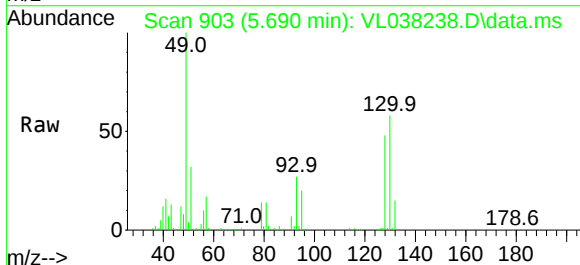
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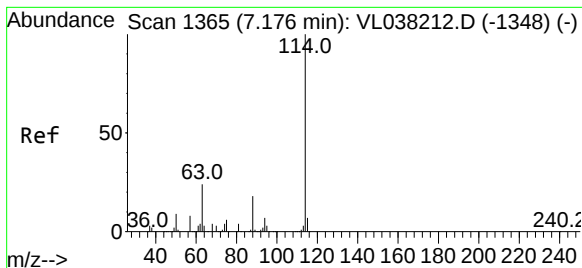
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#26
Hexane
Concen: 0.449 ppbv
RT: 5.690 min Scan# 903
Delta R.T. -0.000 min
Lab File: VL038238.D
Acq: 29 Dec 2021 18:37

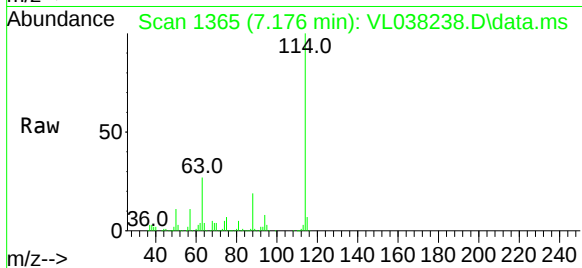
Tgt Ion: 57 Resp: 42972
Ion Ratio Lower Upper
57 100
41 107.1 69.0 103.6#
43 81.0 171.2 256.8#
56 58.6 41.5 62.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.176 min Scan# 114
Delta R.T. -0.000 min
Lab File: VL038238.D
Acq: 29 Dec 2021 18:37

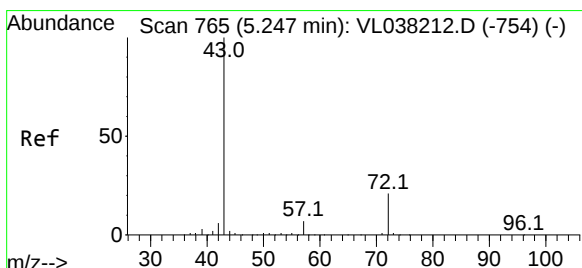
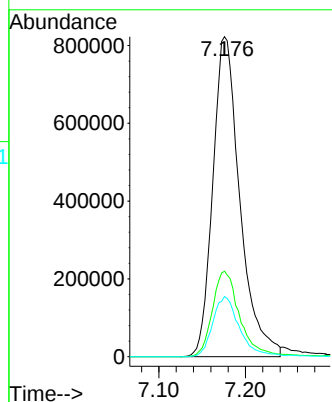
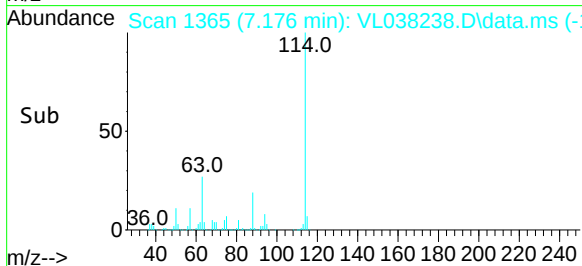
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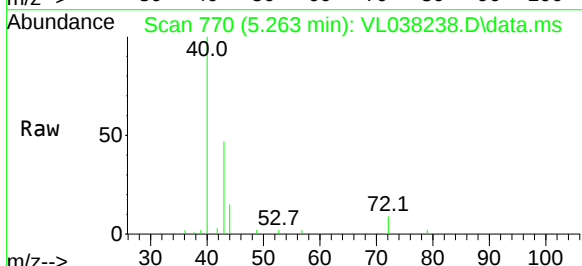
Tgt Ion:114 Resp: 178468
Ion Ratio Lower Upper
114 100
63 27.5 19.7 29.5
88 18.9 14.3 21.5

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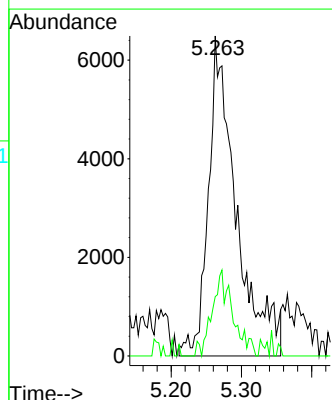
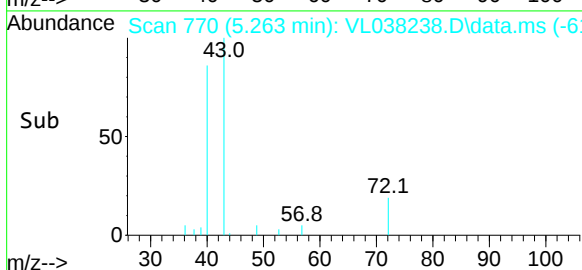
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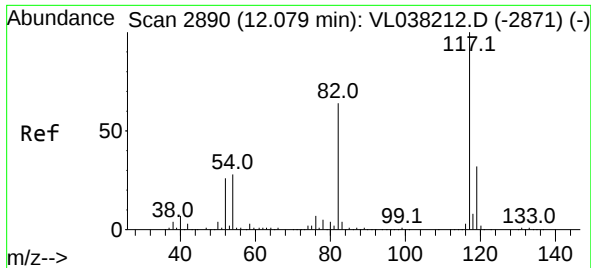


#34
2-Butanone
Concen: 0.332 ppbv m
RT: 5.263 min Scan# 770
Delta R.T. 0.016 min
Lab File: VL038238.D
Acq: 29 Dec 2021 18:37



Tgt Ion: 43 Resp: 17805
Ion Ratio Lower Upper
43 100
72 0.0 18.3 27.5





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.082 min Scan# 2890

Delta R.T. 0.003 min

Lab File: VL038238.D

Acq: 29 Dec 2021 18:37

Instrument :

MSVOA_L

ClientSampleId :

SV1DL

Tgt Ion: 117 Resp: 1506780

Ion Ratio Lower Upper

117 100

82 73.9 53.3 79.9

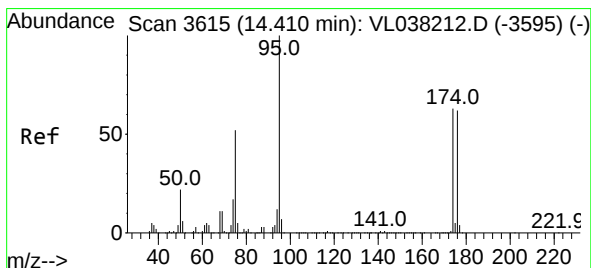
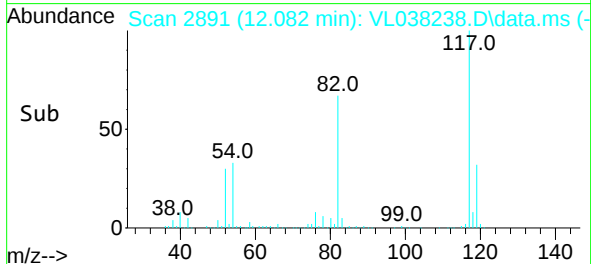
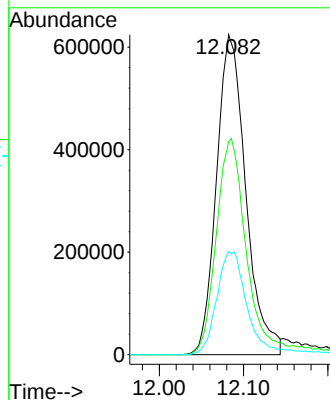
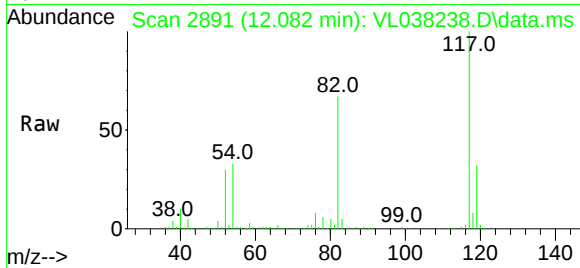
119 34.6 25.5 38.3

Manual Integrations

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#68

1-Bromo-4-Fluorobenzene

Concen: 10.378 ppbv

RT: 14.410 min Scan# 3615

Delta R.T. -0.000 min

Lab File: VL038238.D

Acq: 29 Dec 2021 18:37

Tgt Ion: 95 Resp: 1204988

Ion Ratio Lower Upper

95 100

174 63.3 54.6 81.8

175 4.4 4.1 6.1

