

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122921\
 Data File : VL038246.D
 Acq On : 29 Dec 2021 23:53
 Operator : SY/AP
 Sample : M5252-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 30 06:20:31 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL122121AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Dec 21 17:47:08 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	5.674	49	656270	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.176	114	1651075	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.085	117	1409316	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.413 95 1117757 10.292 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.900%

Target Compounds

					Qvalue
9) Propene	3.034	41	8429m	0.176 ppbv	
11) Trichlorofluoromethane	3.957	101	29821	0.263 ppbv	90
13) Ethanol	3.613	45	178477m	21.985 ppbv	
15) Acetone	3.857	43	499011	7.576 ppbv	99
19) Isopropyl Alcohol	3.983	45	105624	2.571 ppbv #	35
20) Methylene Chloride	4.353	84	25064	0.674 ppbv	95
26) Hexane	5.690	57	15355	0.172 ppbv #	61
38) Trichloroethene	7.835	130	2797m	0.048 ppbv	
52) Tetrachloroethene	11.227	164	10099m	0.178 ppbv	

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

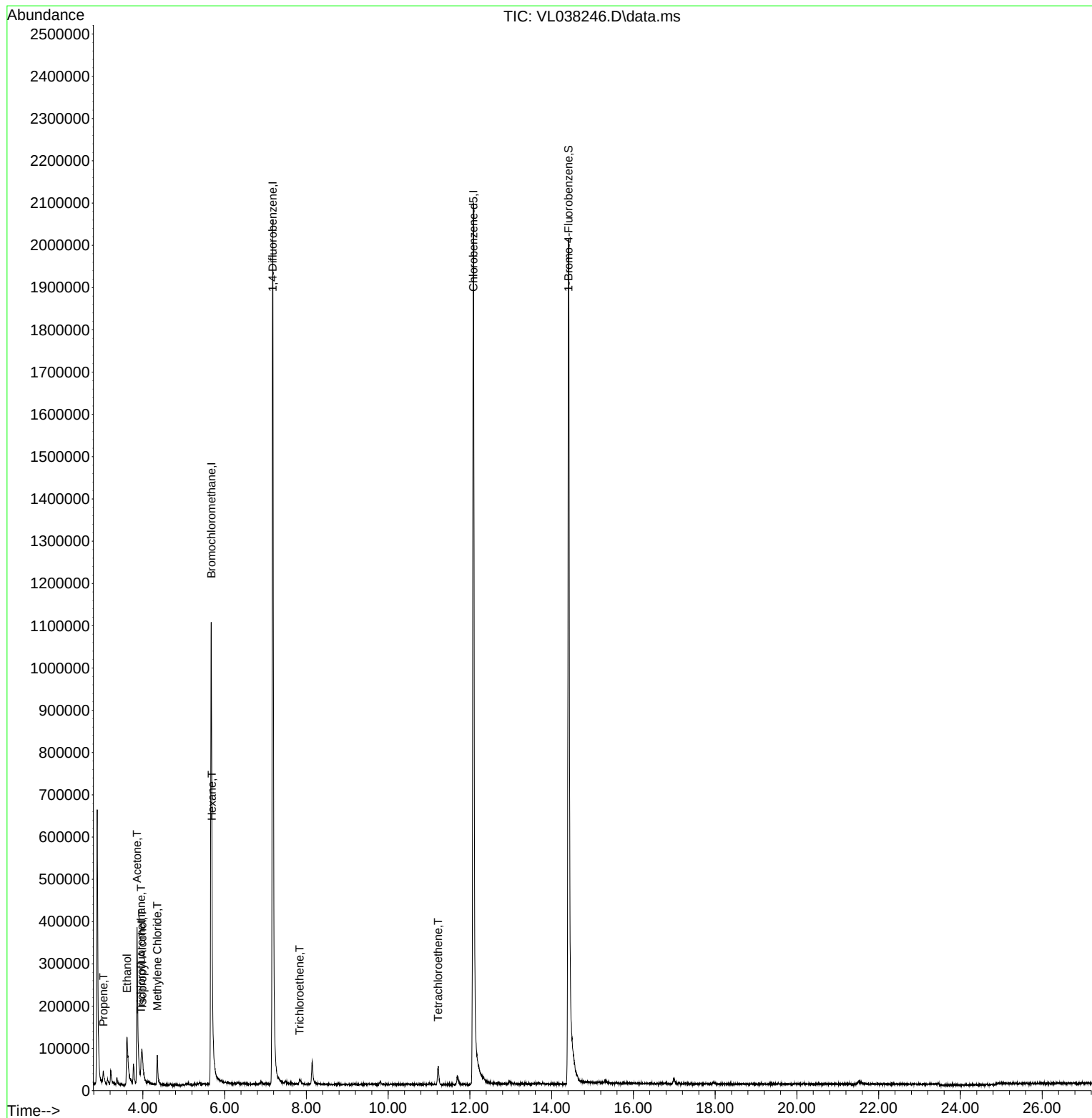
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122921\
Data File : VL038246.D
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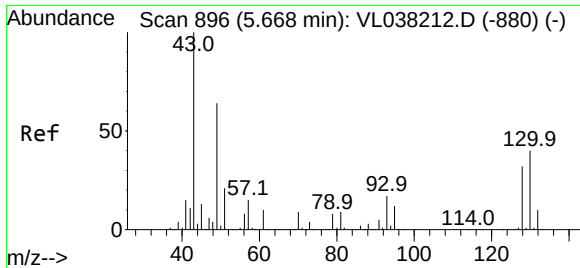
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL

Quant Time: Dec 30 06:20:31 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

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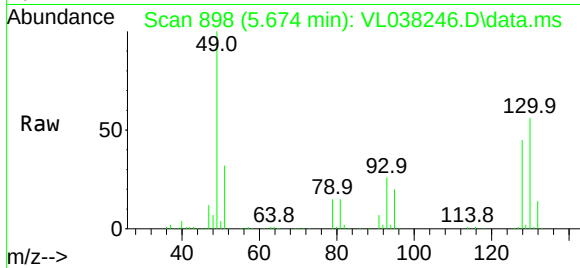
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.674 min Scan# 896
Delta R.T. 0.006 min
Lab File: VL038246.D
Acq: 29 Dec 2021 23:53

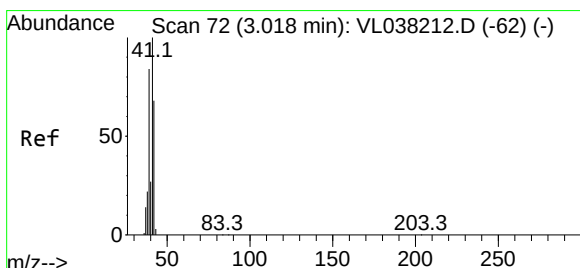
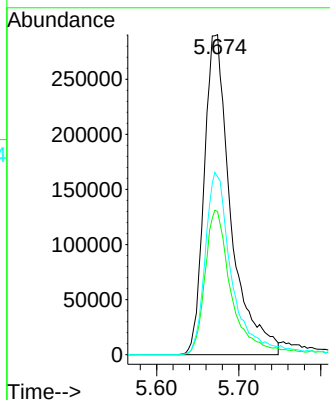
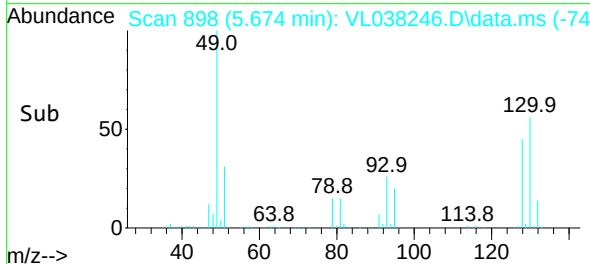
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL



Tgt Ion: 49 Resp: 656270
Ion Ratio Lower Upper
49 100
128 46.6 26.9 80.6
130 58.4 32.3 96.9

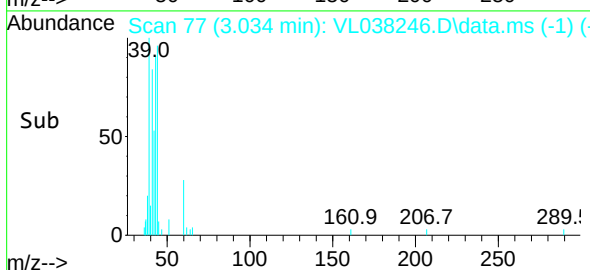
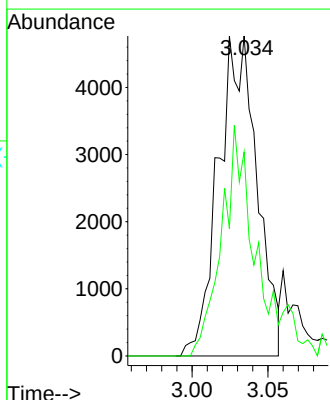
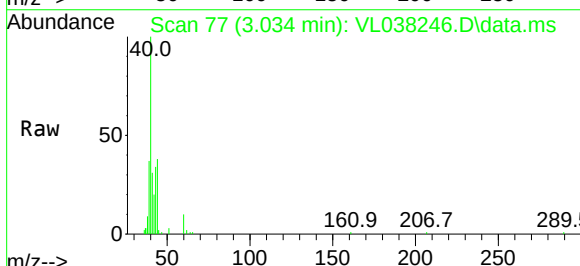
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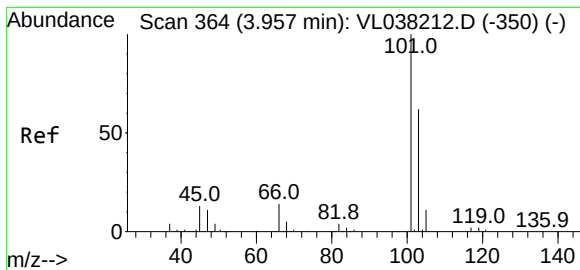
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#9
Propene
Concen: 0.176 ppbv m
RT: 3.034 min Scan# 77
Delta R.T. 0.016 min
Lab File: VL038246.D
Acq: 29 Dec 2021 23:53

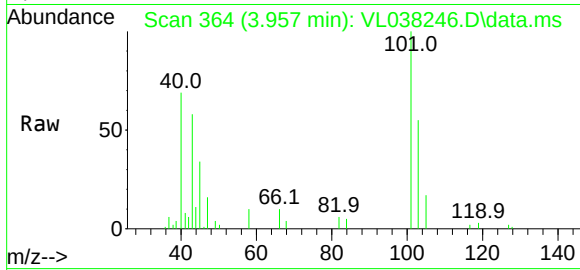
Tgt Ion: 41 Resp: 8429
Ion Ratio Lower Upper
41 100
42 66.2 55.5 83.3





#11
 Trichlorofluoromethane
 Concen: 0.263 ppbv
 RT: 3.957 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VL038246.D
 Acq: 29 Dec 2021 23:53

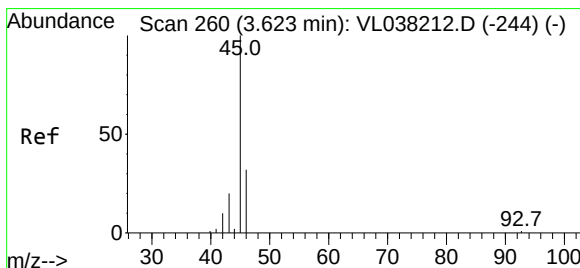
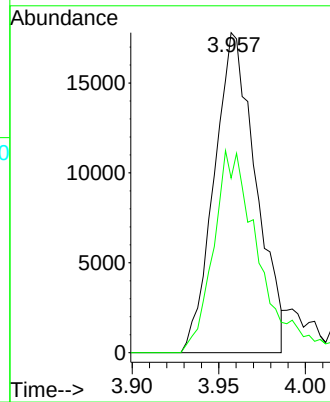
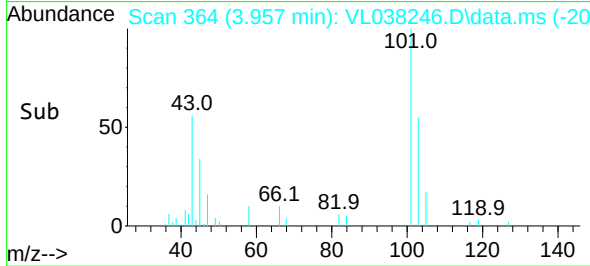
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DL



Tgt Ion:101 Resp: 2982
 Ion Ratio Lower Upper
 101 100
 103 54.6 49.9 74.9

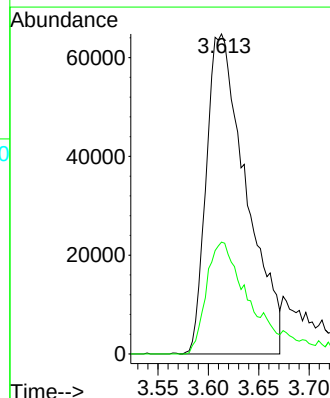
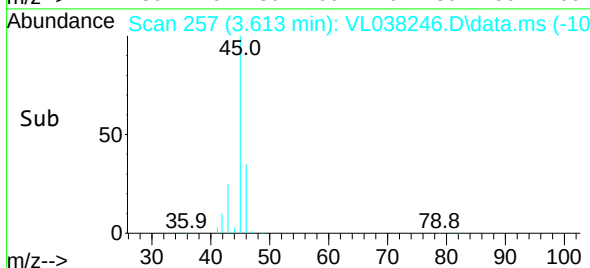
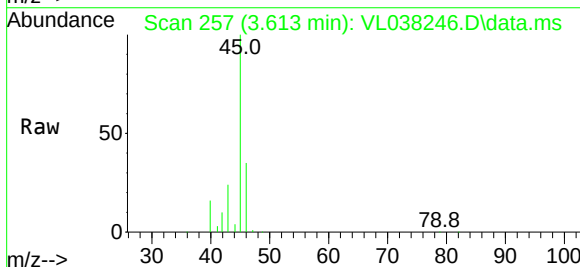
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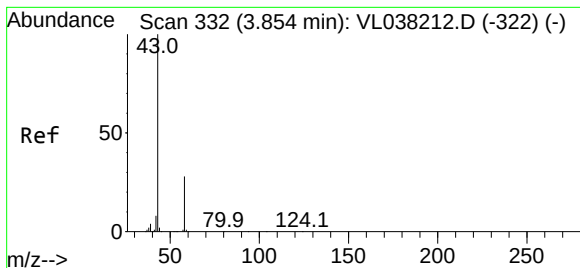
Reviewed By :Amit Patel 12/30/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022



#13
 Ethanol
 Concen: 21.985 ppbv m
 RT: 3.613 min Scan# 257
 Delta R.T. -0.010 min
 Lab File: VL038246.D
 Acq: 29 Dec 2021 23:53

Tgt Ion: 45 Resp: 178477
 Ion Ratio Lower Upper
 45 100
 46 41.5 0.0 0.0#





#15

Acetone

Concen: 7.576 ppbv

RT: 3.857 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL038246.D

Acq: 29 Dec 2021 23:53

Instrument :

MSVOA_L

ClientSampleId :

IA-1DL

Tgt Ion: 43 Resp: 49901

Ion Ratio Lower Upper

43 100

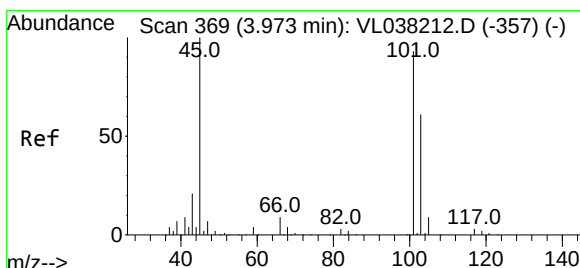
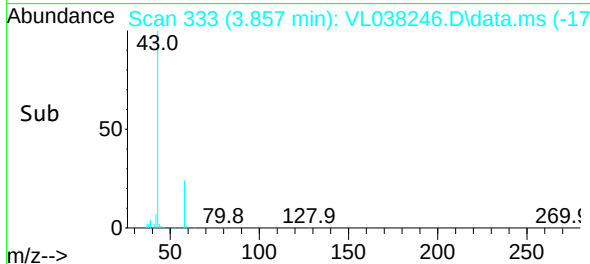
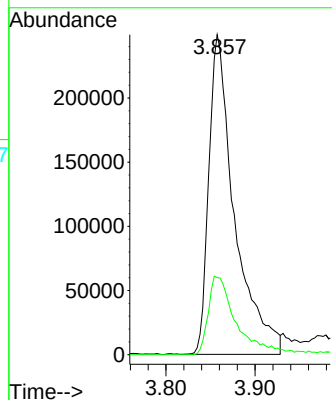
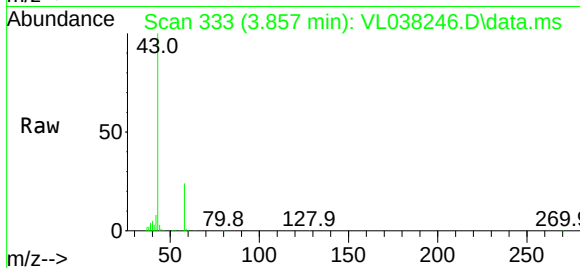
58 28.5 23.3 34.9

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#19

Isopropyl Alcohol

Concen: 2.571 ppbv

RT: 3.983 min Scan# 372

Delta R.T. 0.009 min

Lab File: VL038246.D

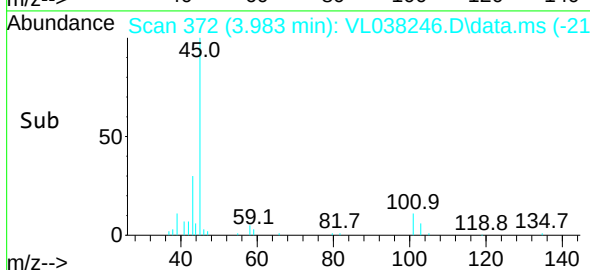
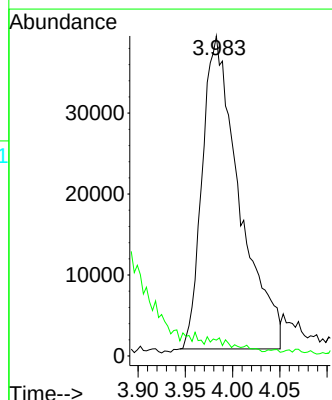
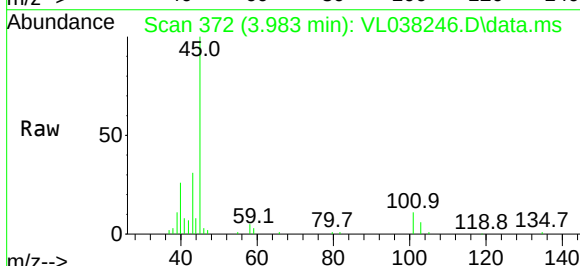
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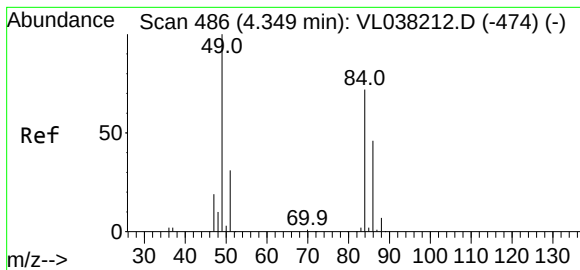
Tgt Ion: 45 Resp: 105624

Ion Ratio Lower Upper

45 100

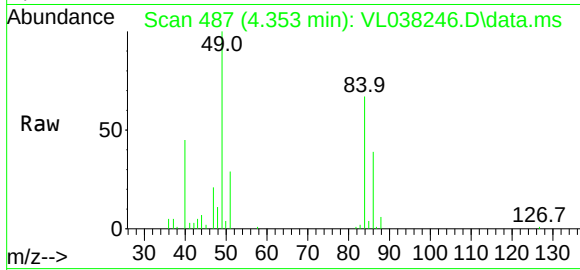
58 0.0 32.4 48.6#





#20
Methylene Chloride
Concen: 0.674 ppbv
RT: 4.353 min Scan# 486
Delta R.T. 0.003 min
Lab File: VL038246.D
Acq: 29 Dec 2021 23:53

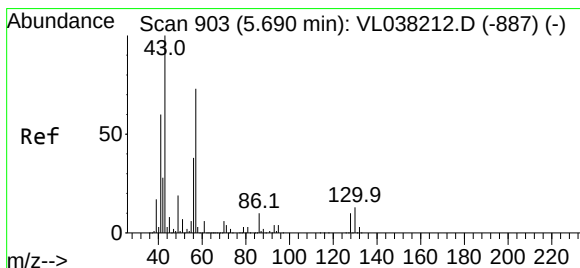
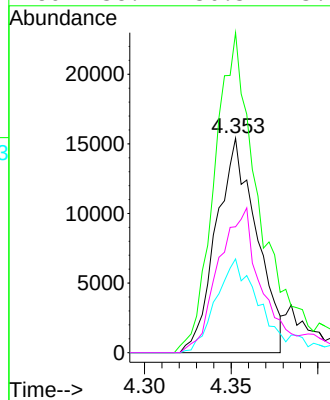
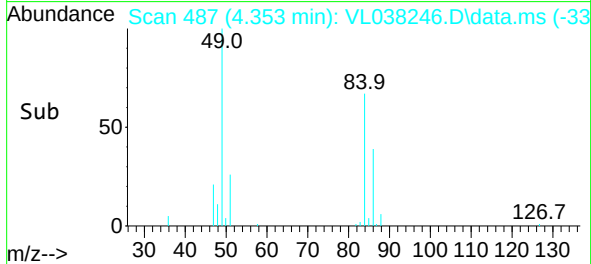
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL



Tgt Ion: 84 Resp: 25064
Ion Ratio Lower Upper
84 100
49 146.1 110.6 166.0
51 43.8 34.2 51.2
86 58.7 50.5 75.7

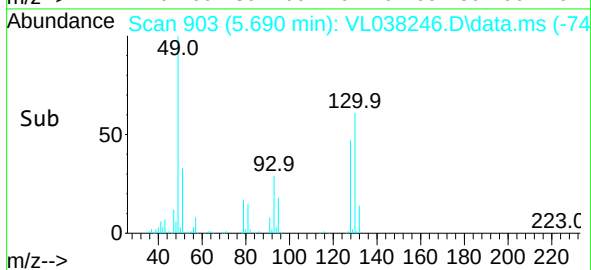
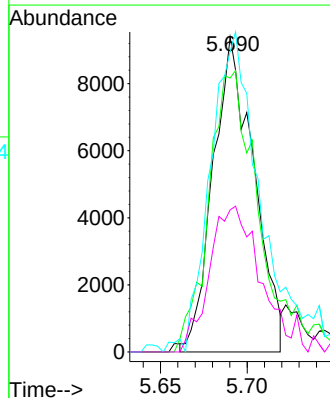
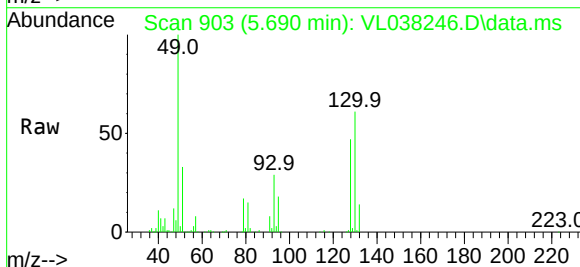
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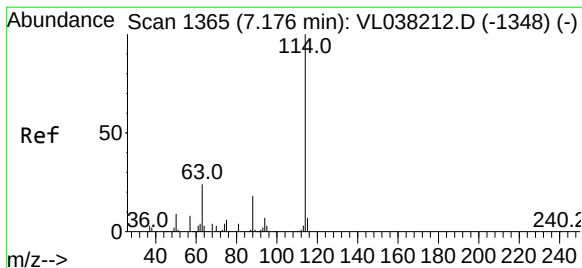
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#26
Hexane
Concen: 0.172 ppbv
RT: 5.690 min Scan# 903
Delta R.T. -0.000 min
Lab File: VL038246.D
Acq: 29 Dec 2021 23:53

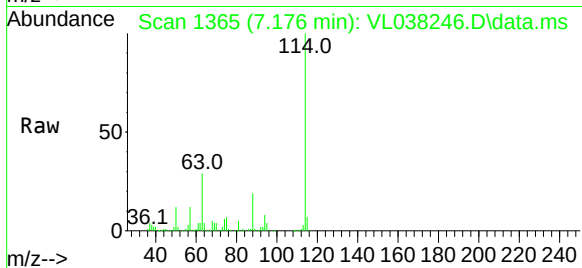
Tgt Ion: 57 Resp: 15355
Ion Ratio Lower Upper
57 100
41 113.6 69.0 103.6#
43 134.5 171.2 256.8#
56 59.2 41.5 62.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.176 min Scan# 114
Delta R.T. -0.000 min
Lab File: VL038246.D
Acq: 29 Dec 2021 23:53

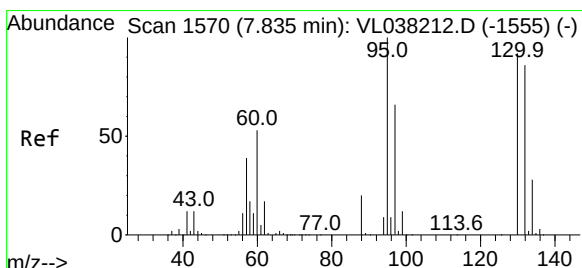
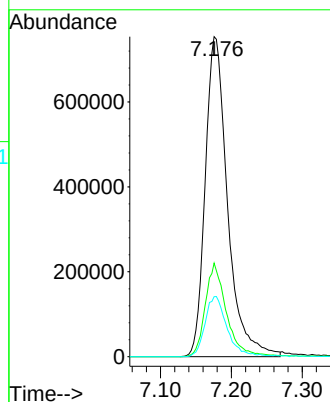
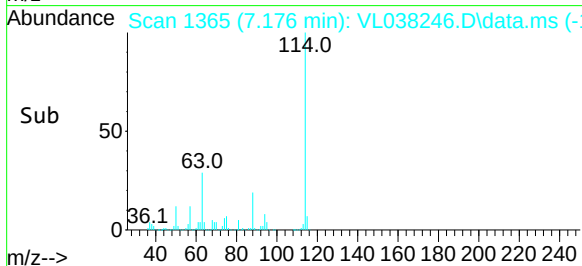
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL



Tgt Ion:114 Resp: 165107
Ion Ratio Lower Upper
114 100
63 28.1 19.7 29.5
88 18.8 14.3 21.5

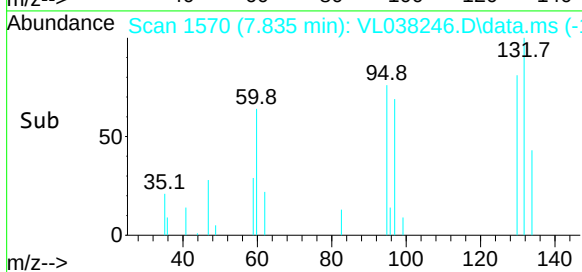
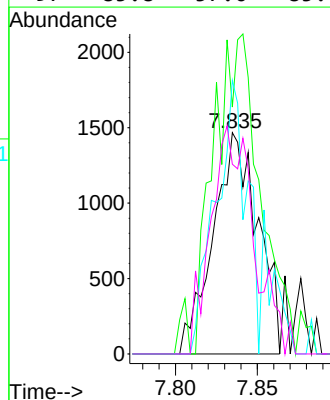
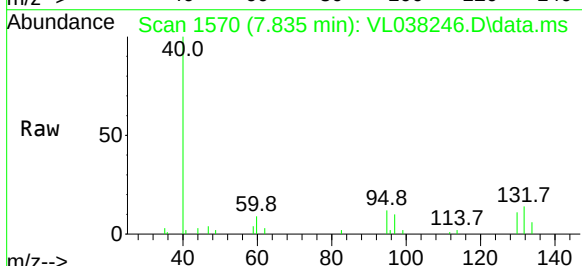
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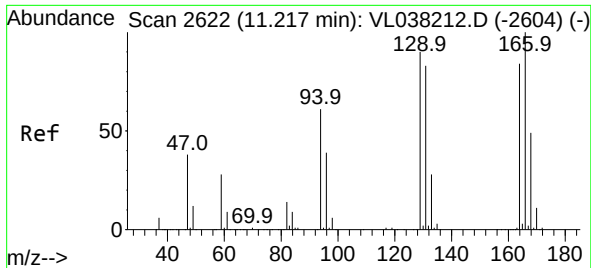
Reviewed By :Amit Patel 12/30/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#38
Trichloroethene
Concen: 0.048 ppbv m
RT: 7.835 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VL038246.D
Acq: 29 Dec 2021 23:53

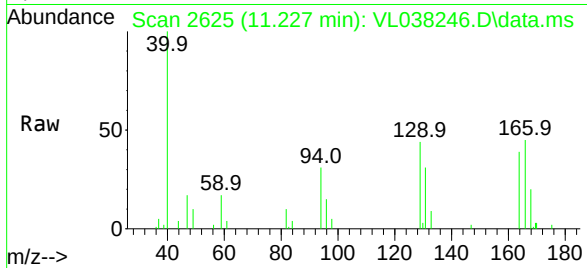
Tgt Ion:130 Resp: 2797
Ion Ratio Lower Upper
130 100
95 111.6 87.0 130.4
132 123.7 75.1 112.7#
97 85.8 57.0 85.4#





#52
Tetrachloroethene
Concen: 0.178 ppbv m
RT: 11.227 min Scan# 2625
Delta R.T. 0.009 min
Lab File: VL038246.D
Acq: 29 Dec 2021 23:53

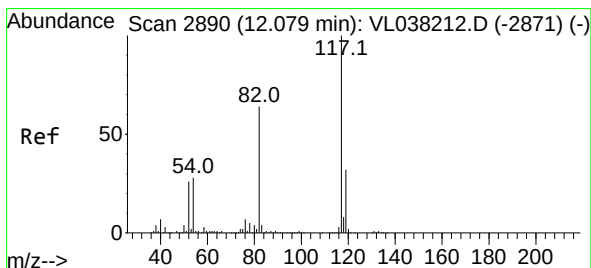
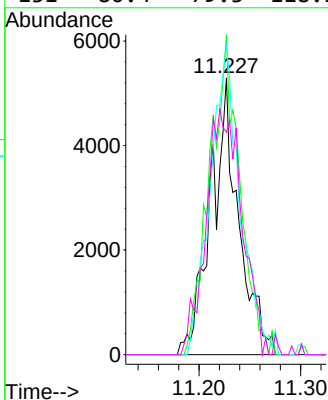
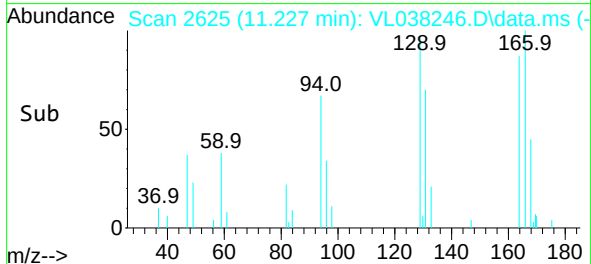
Instrument :
MSVOA_L
ClientSampleId :
IA-1DL



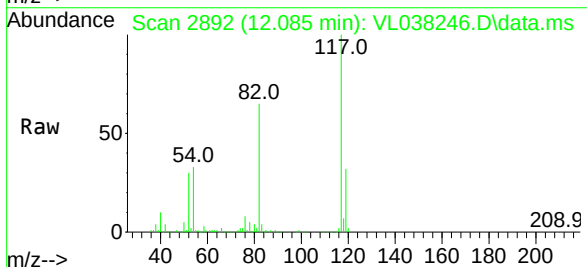
Tgt Ion:164 Resp: 1009
Ion Ratio Lower Upper
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166 115.6 95.6 143.4
129 112.0 85.8 128.8
131 80.4 79.3 118.9

Manual Integrations
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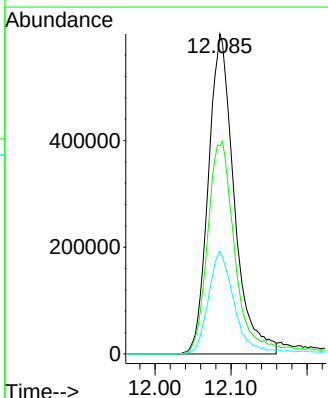
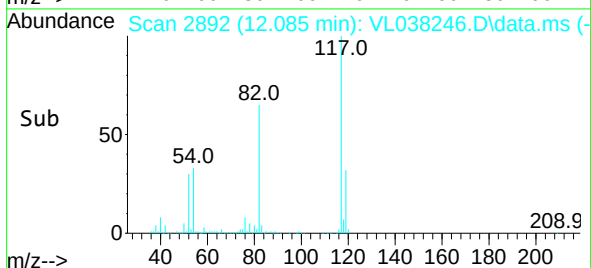
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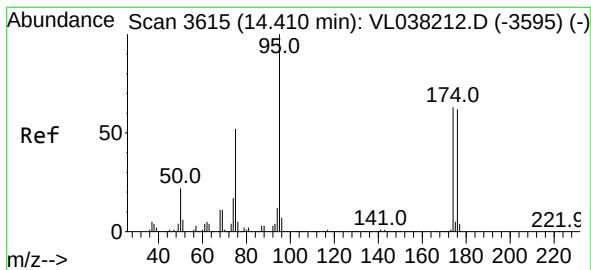


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.085 min Scan# 2892
Delta R.T. 0.006 min
Lab File: VL038246.D
Acq: 29 Dec 2021 23:53



Tgt Ion:117 Resp: 1409316
Ion Ratio Lower Upper
117 100
82 73.8 53.3 79.9
119 33.5 25.5 38.3





#68

1-Bromo-4-Fluorobenzene

Concen: 10.292 ppbv

RT: 14.413 min Scan# 30

Delta R.T. 0.003 min

Lab File: VL038246.D

Acq: 29 Dec 2021 23:53

Instrument :

MSVOA_L

ClientSampleId :

IA-1DL

Tgt Ion: 95 Resp: 111775

Ion Ratio Lower Upper

95 100

174 62.4 54.6 81.8

175 4.5 4.1 6.1

Manual Integrations

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