

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012422\
 Data File : VL038271.D
 Acq On : 24 Jan 2022 22:23
 Operator : SY/AP
 Sample : N1244-01DL 40X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SG-1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022

Quant Time: Jan 24 23:22:40 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL012422A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Jan 24 14:12:48 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	819486	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2174517	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	1826508	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1384521	9.99	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.04	41	7598m	0.143	ppbv	
13) Ethanol	3.63	45	165821m	29.086	ppbv	
15) Acetone	3.87	43	106928	1.480	ppbv	100
20) Methylene Chloride	4.36	84	7595	0.181	ppbv	94
26) Hexane	5.70	57	12938m	0.138	ppbv	
52) Tetrachloroethene	11.23	164	24215m	0.365	ppbv	
53) Toluene	9.82	91	39529	0.186	ppbv	92

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

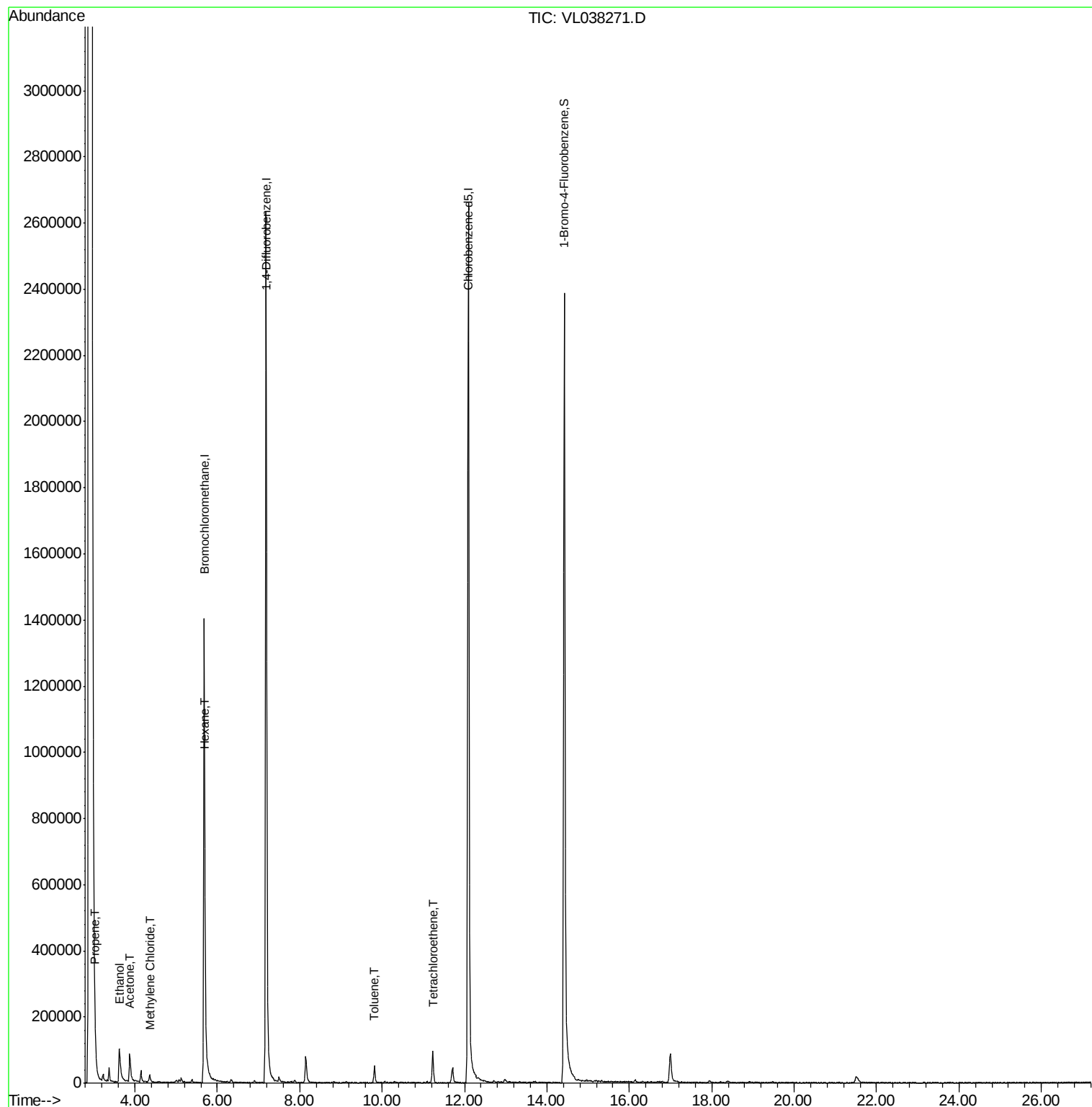
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL012422\
Data File : VL038271.D
Acq On : 24 Jan 2022 22:23
Operator : SY/AP
Sample : N1244-01DL 40X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SG-1DL

Manual Integrations
APPROVED

Quant Time: Jan 24 23:22:40 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL012422\
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_L

Delta R.T.

Lab File: ClientSampleId :

Acq: 24 Jan 2022 22:23

Tot Ion:

Ion Ratio

49 100

128 47.

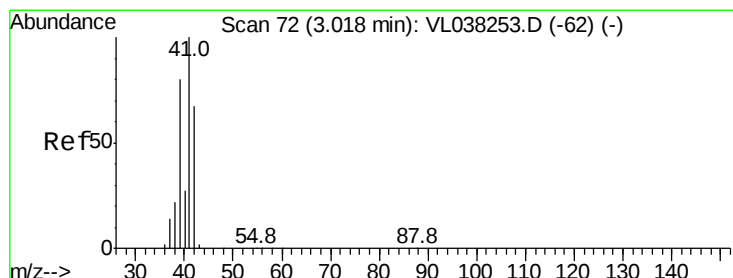
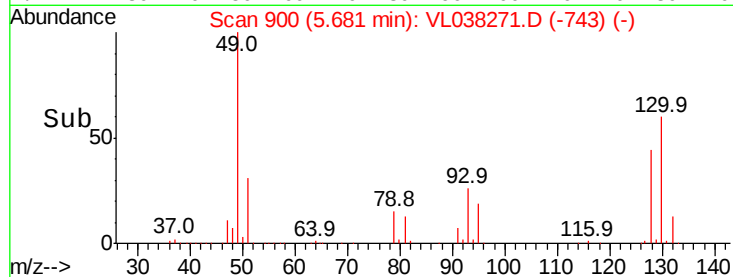
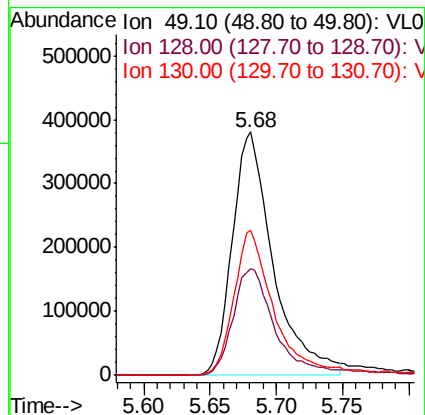
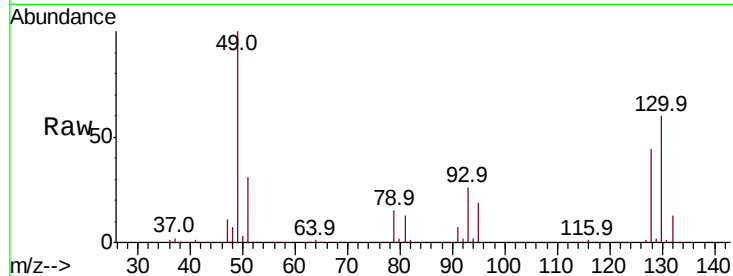
130 60.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#9

Propene

Concen: 0.143 ppbv m

RT: 3.04 min Scan# 78

Delta R.T. 0.02 min

Lab File: VL038271.D

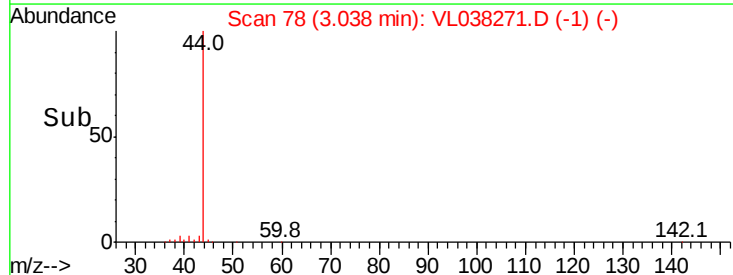
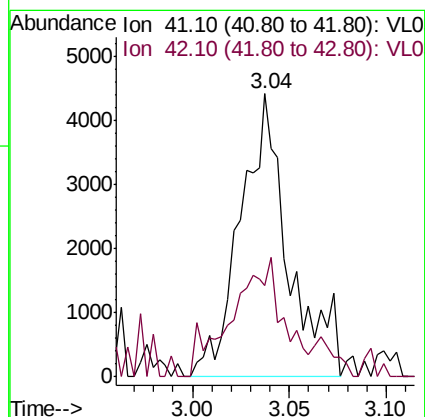
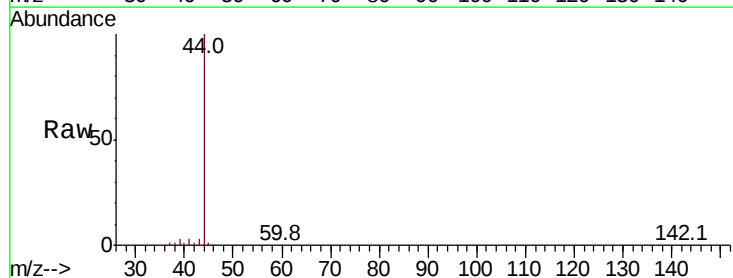
Acq: 24 Jan 2022 22:23

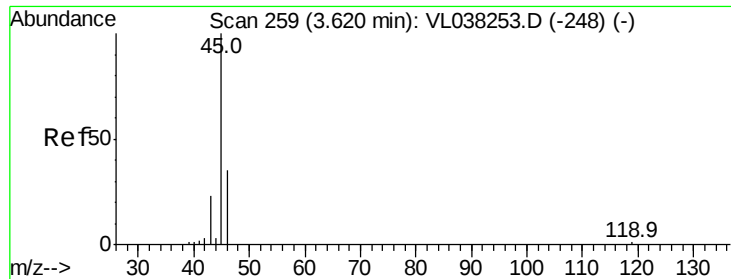
Tgt Ion: 41 Resp: 7598

Ion Ratio Lower Upper

41 100

42 9.1 54.9 82.3#



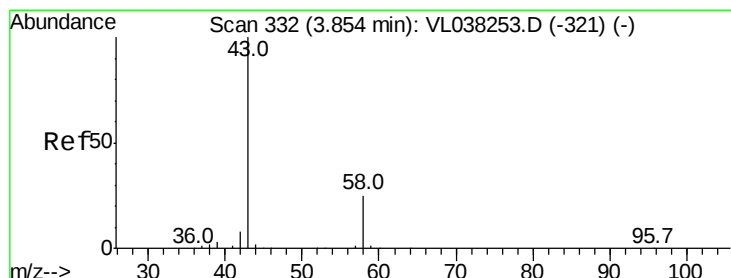
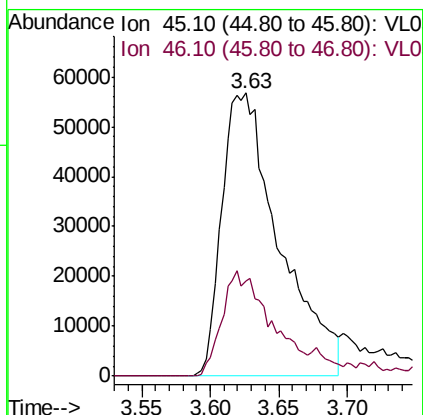
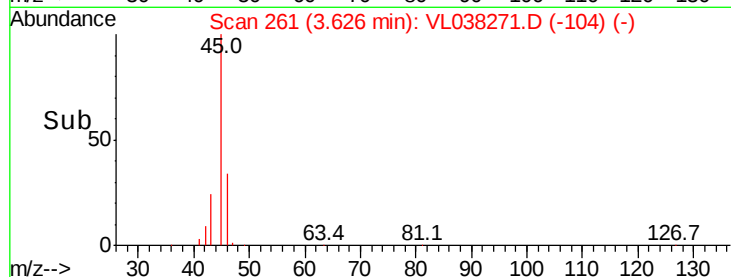
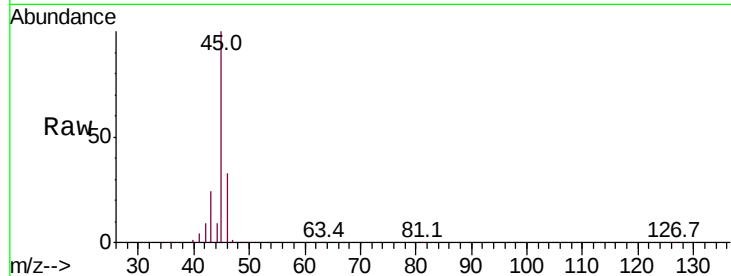


#13
Ethanol
Concen: 29.086 ppbv m
RT: 3.63
Instrument : MSVOA_1
Delta R.T.
Lab File: ClientSampleId :
Acq: 24 Jan 2022 22:23

Tot Ion:
Ion Ratio
45 100
46 0.

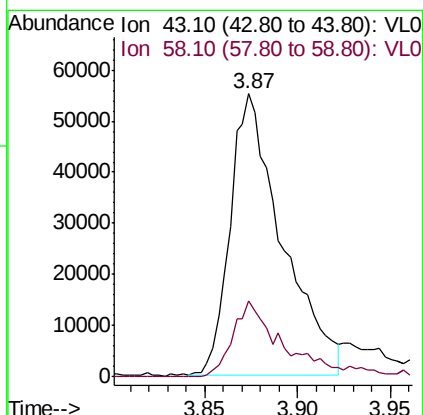
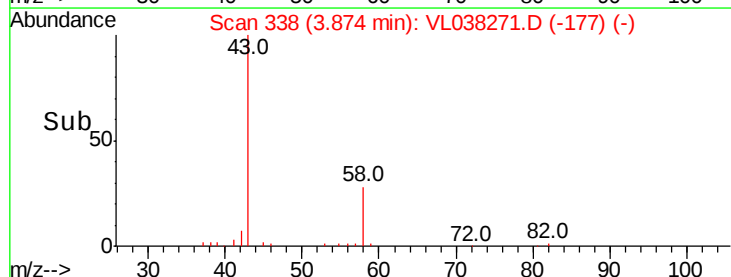
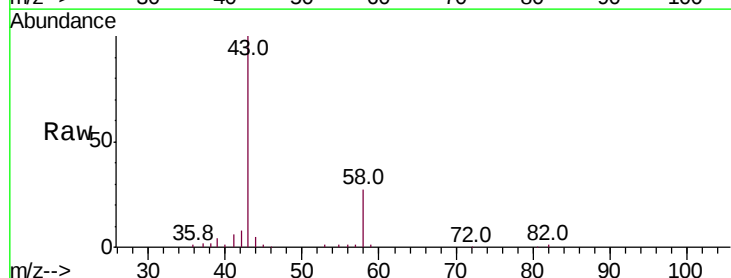
Manual Integrations
APPROVED

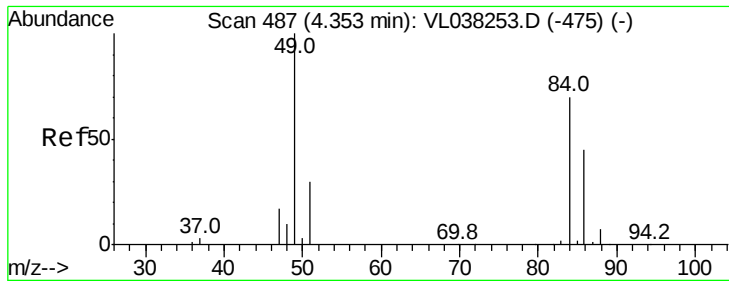
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#15
Acetone
Concen: 1.480 ppbv
RT: 3.87 min Scan# 338
Delta R.T. 0.02 min
Lab File: VL038271.D
Acq: 24 Jan 2022 22:23

Tgt Ion: 43 Resp: 106928
Ion Ratio Lower Upper
43 100
58 26.8 21.5 32.3



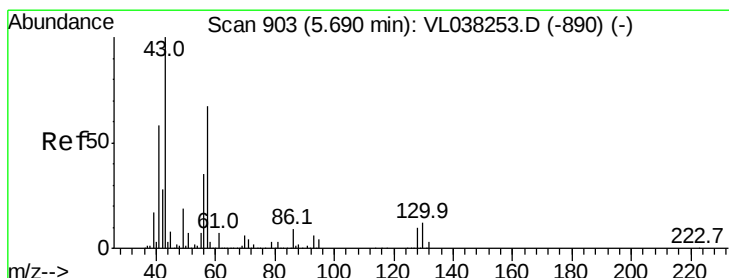
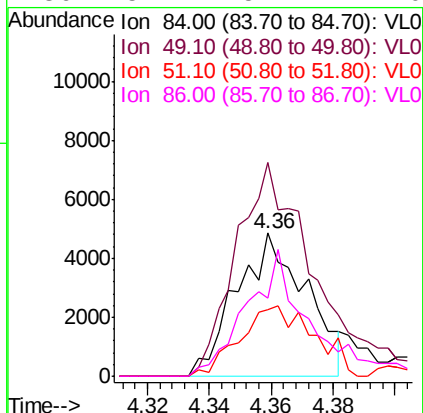
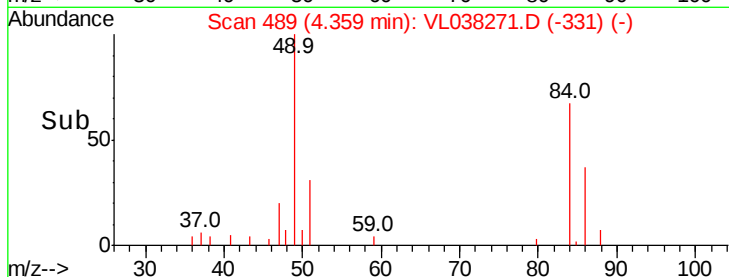
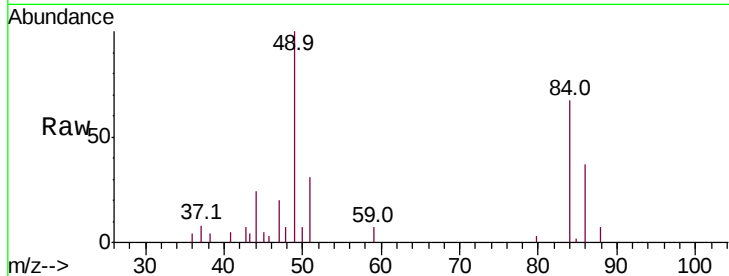


#20
Methvlene Chloride
Concen: 0.181 ppbv
RT: 4.36
Instrument: MSVOA_L
Delta R.T.
Lab File: ClientSampleId : SG-1DL
Acq: 24 Jan 2022 22:23

Tot Ion:
Ion Ratio
84 100
49 149.
51 46.
86 54.7 51.4 77.0

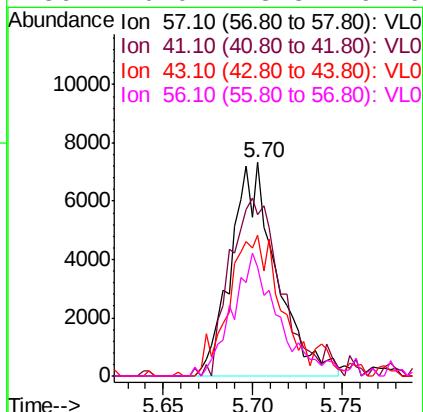
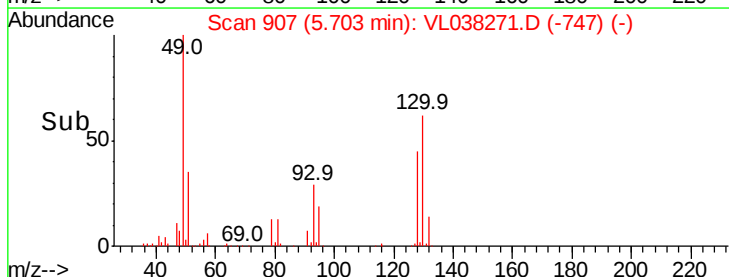
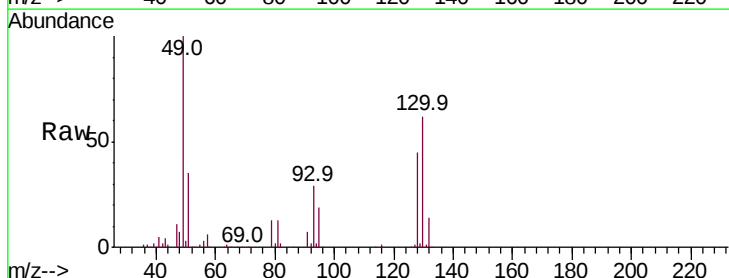
Manual Integrations
APPROVED

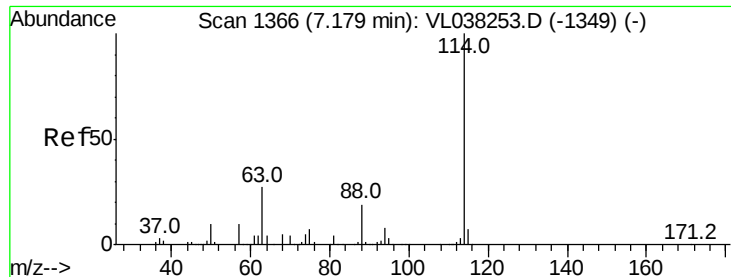
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#26
Hexane
Concen: 0.138 ppbv m
RT: 5.70 min Scan# 907
Delta R.T. 0.01 min
Lab File: VL038271.D
Acq: 24 Jan 2022 22:23

Tgt Ion: 57 Resp: 12938
Ion Ratio Lower Upper
57 100
41 0.0 72.8 109.2#
43 0.0 177.0 265.6#
56 0.0 43.3 64.9#



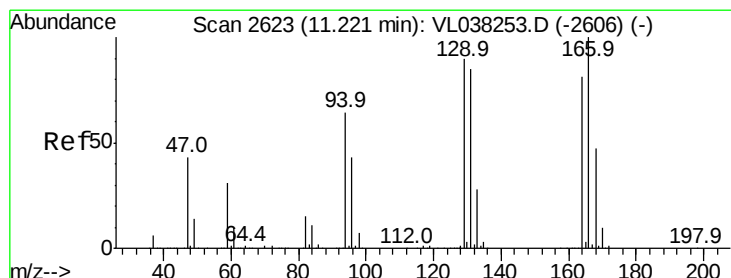
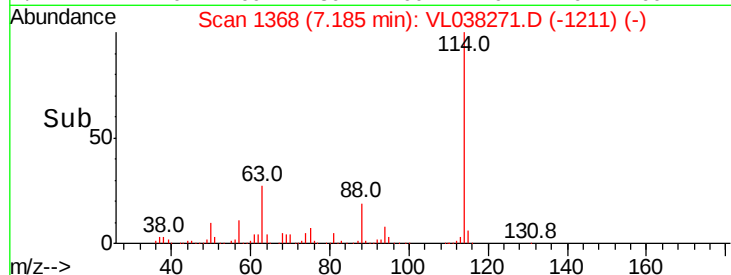
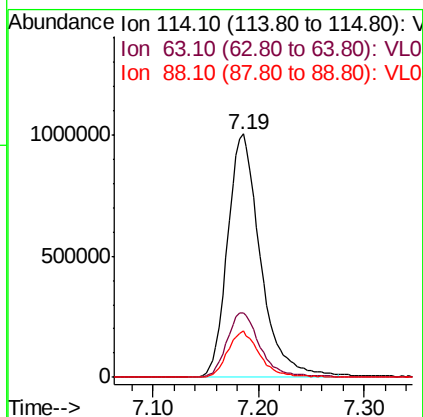
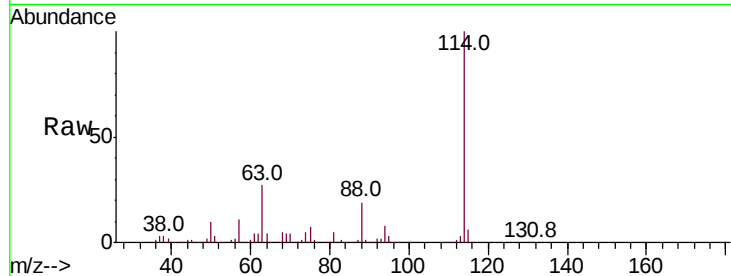


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 24 Jan 2022 22:23

Tot Ion:1
 Ion Rati
 114 100
 63 27.
 88 18.

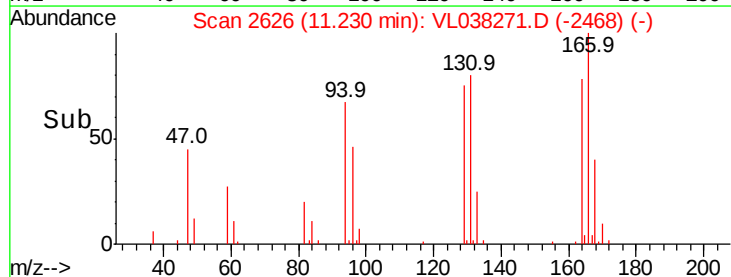
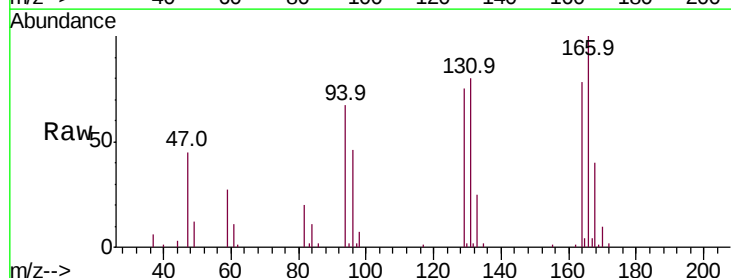
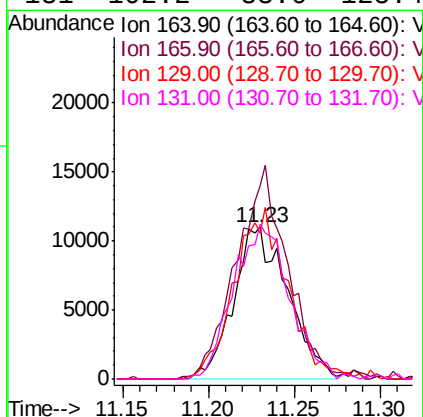
Manual Integrations
 APPROVED

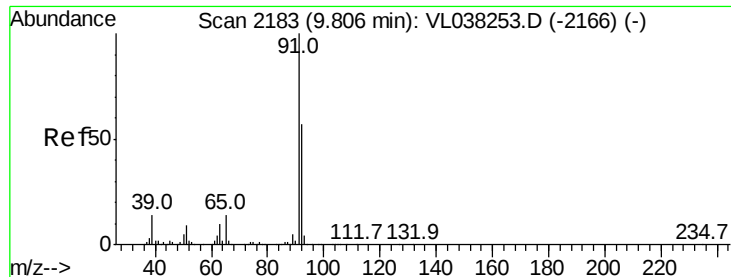
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#52
 Tetrachloroethene
 Concen: 0.365 ppbv m
 RT: 11.23 min Scan# 2626
 Delta R.T. 0.01 min
 Lab File: VL038271.D
 Acq: 24 Jan 2022 22:23

Tgt Ion:164 Resp: 24215
 Ion Ratio Lower Upper
 164 100
 166 127.7 98.8 148.2
 129 95.9 89.2 133.8
 131 102.2 83.6 125.4





#53

Toluene

Concen: 0.186 ppbv

RT: 9.82

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Jan 2022 22:23

Tot Ion:

Ion Ratio

91 100

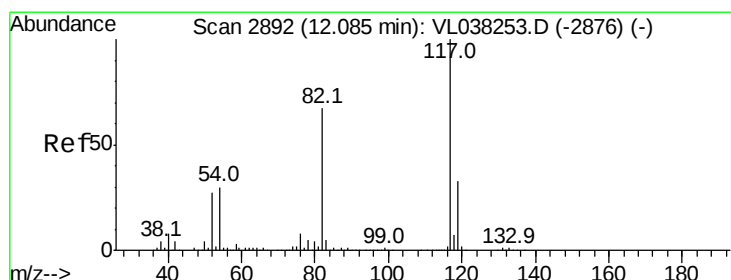
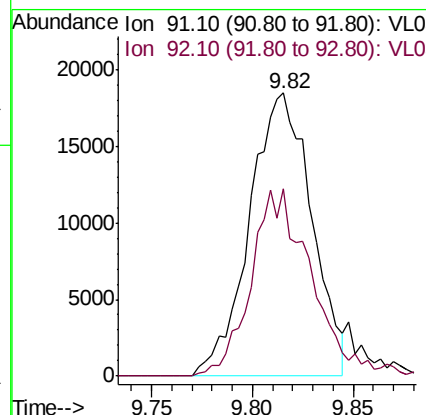
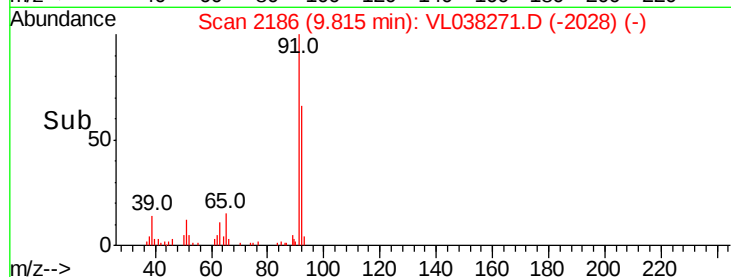
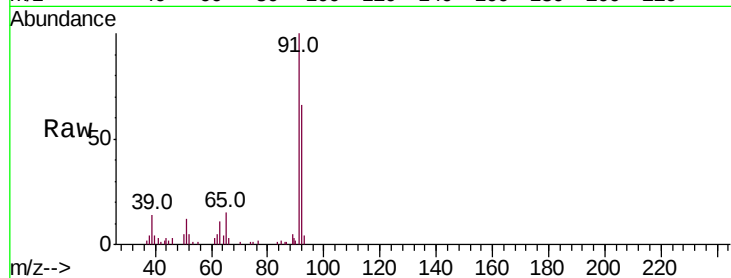
92 65.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2893

Delta R.T. 0.00 min

Lab File: VL038271.D

Acq: 24 Jan 2022 22:23

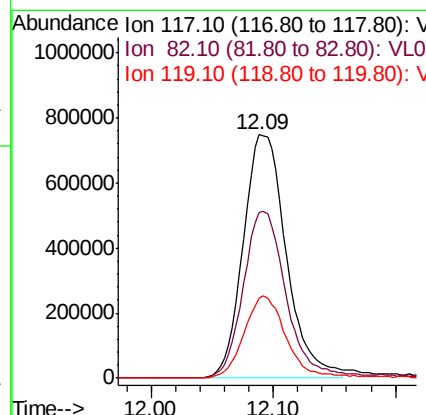
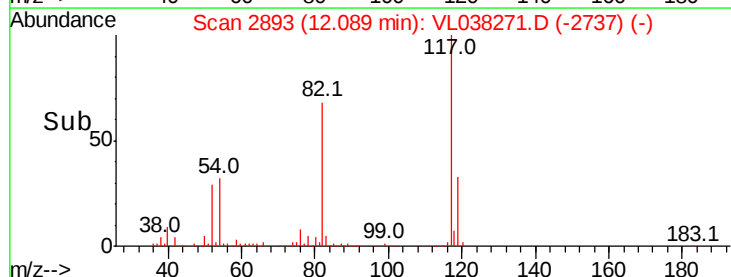
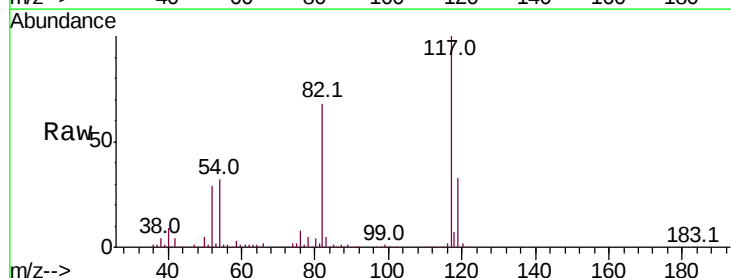
Tgt Ion:117 Resp: 1826508

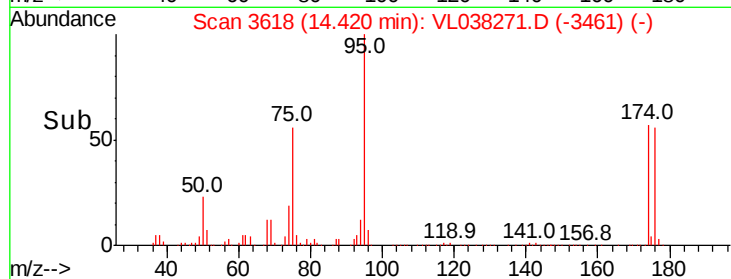
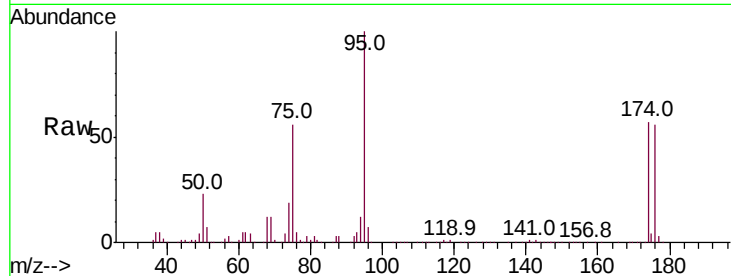
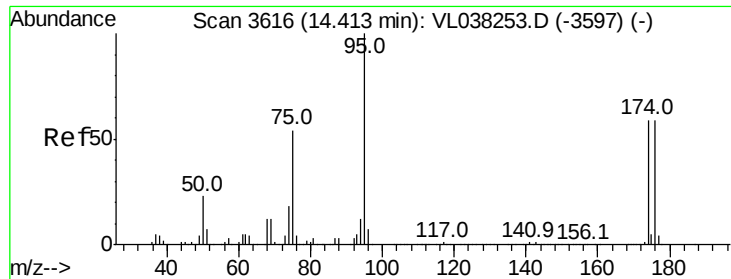
Ion Ratio Lower Upper

117 100

82 70.9 54.4 81.6

119 33.4 45.9 68.9#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.987 ppbv

RT: 14.42

Delta R.T

Lab File: ClientSampleId :

Acq: 24 Jan 2022 22:25

Tot Ion:

Ion Ratio

95 100

174 60.

175 4.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022

