

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012622\
 Data File : VL038287.D
 Acq On : 26 Jan 2022 14:09
 Operator : SY/AP
 Sample : N1268-03DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/28/2022

Quant Time: Jan 27 03:51:45 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	5.65	49	845656	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	2159517	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.05	117	1882220	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	1428397	10.00	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	12234m	0.223	ppbv	
10) Heptane	8.10	43	83141	0.590	ppbv	92
13) Ethanol	3.61	45	4799m	0.816	ppbv	
23) Vinyl Acetate	5.07	43	96466	0.890	ppbv #	93
26) Hexane	5.67	57	239026	2.462	ppbv #	40
34) 2-Butanone	5.25	43	16704m	0.237	ppbv	
51) 2-Hexanone	10.14	43	6295m	0.113	ppbv	
52) Tetrachloroethene	11.19	164	2930m	0.045	ppbv	

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

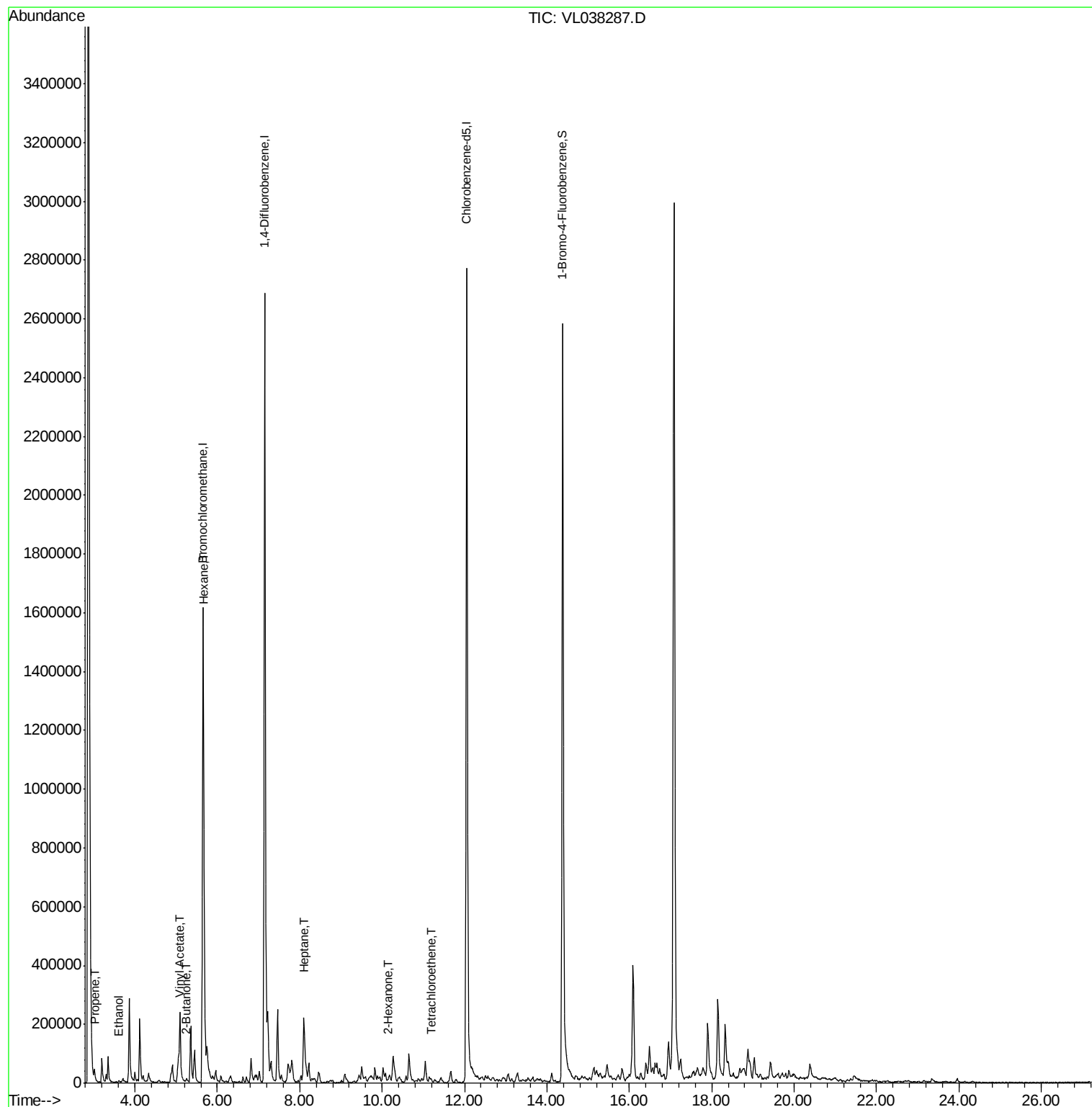
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL012622\
Data File : VL038287.D
Acq On : 26 Jan 2022 14:09
Operator : SY/AP
Sample : N1268-03DL 10X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

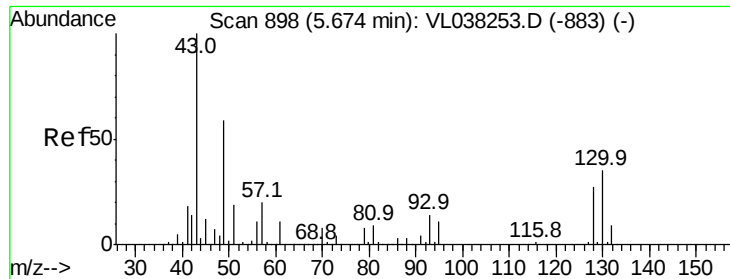
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL

Quant Time: Jan 27 03:51:45 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

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022
Supervised By :Mahesh Dadoda 01/28/2022





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 26 Jan 2022 14:09 SV-1DL

Tot Ion:

Ion Ratio

49 100

128 44.

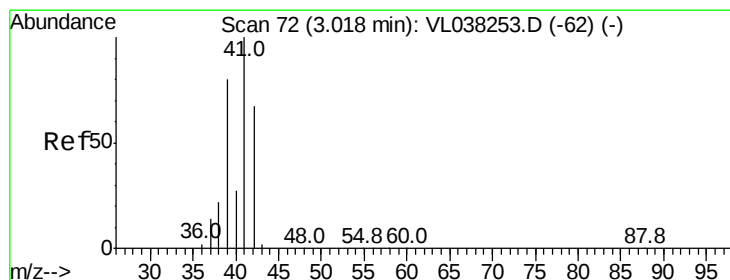
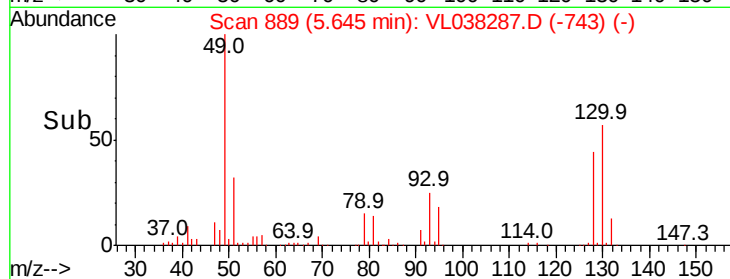
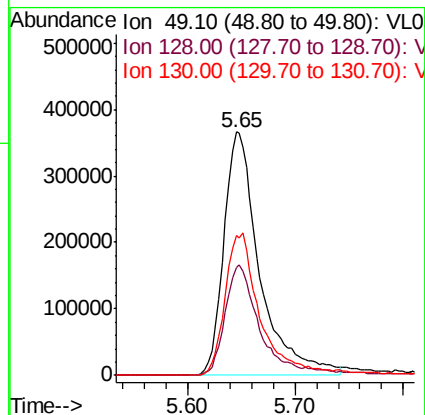
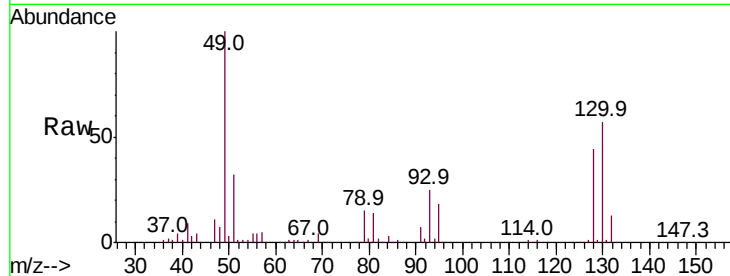
130 59.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#9

Propene

Concen: 0.223 ppbv m

RT: 3.01 min Scan# 69

Delta R.T. -0.01 min

Lab File: VL038287.D

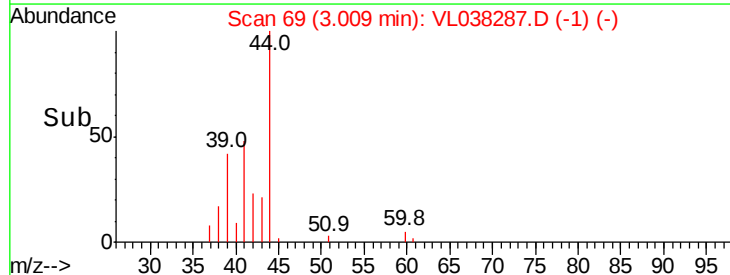
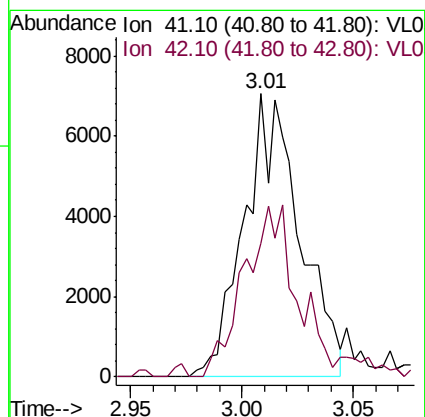
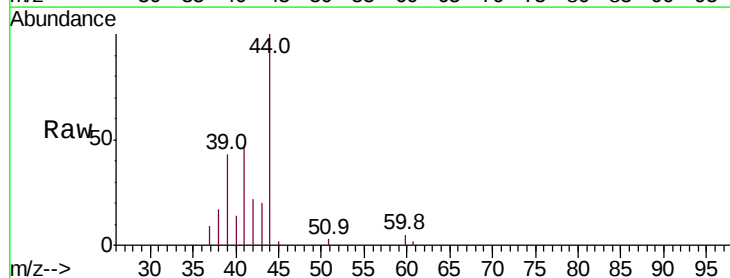
Acq: 26 Jan 2022 14:09

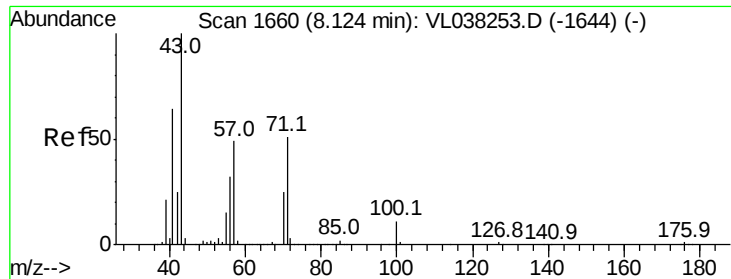
Tgt Ion: 41 Resp: 12234

Ion Ratio Lower Upper

41 100

42 174.6 54.9 82.3#



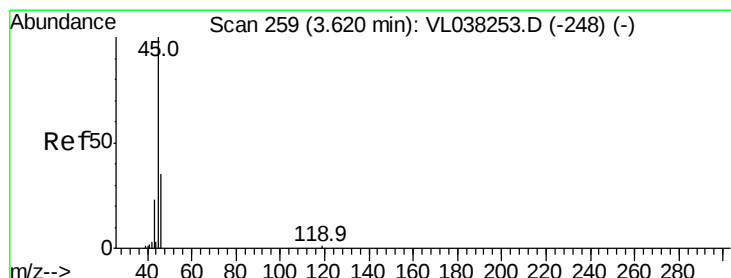
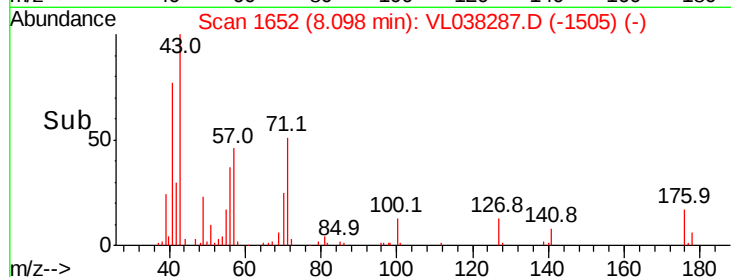
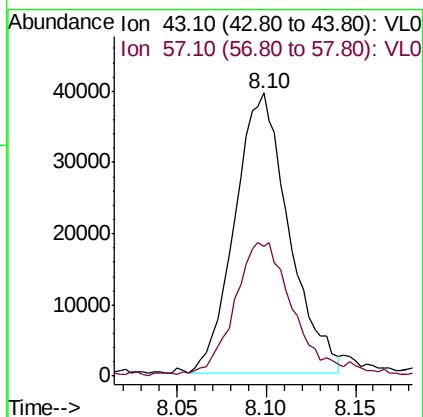
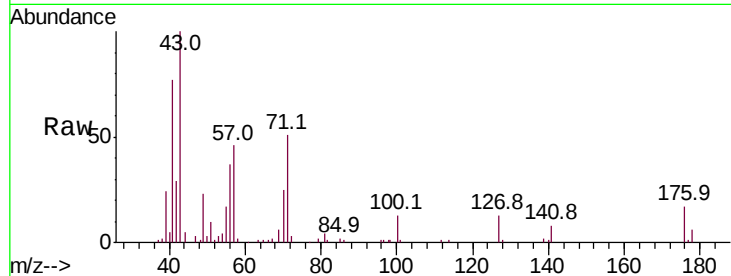


#10
Heptane
Concen: 0.590 ppbv
RT: 8.10
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 26 Jan 2022 14:09

Tot Ion:
Ion Ratio
43 100
57 55.

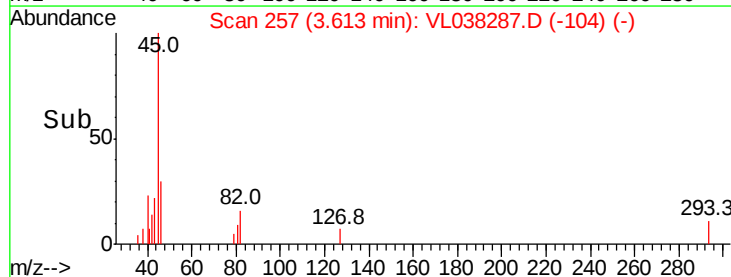
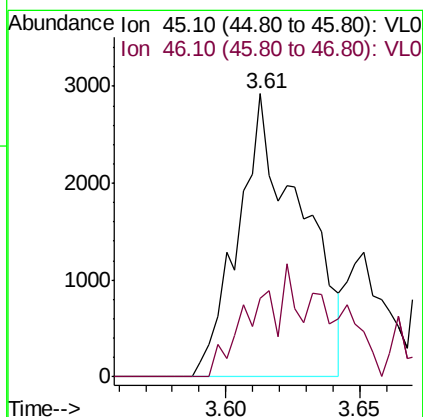
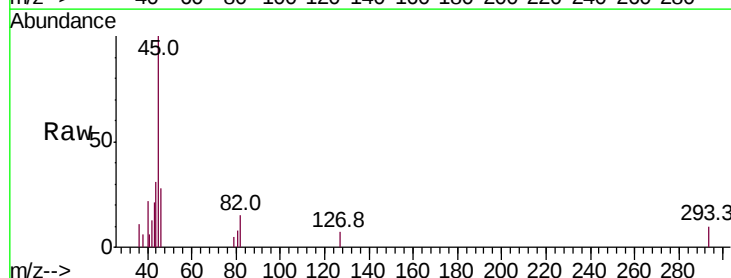
Manual Integrations
APPROVED

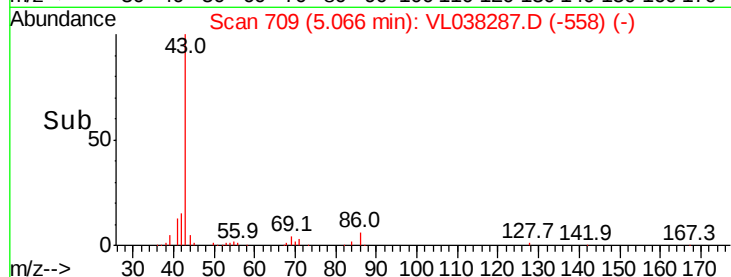
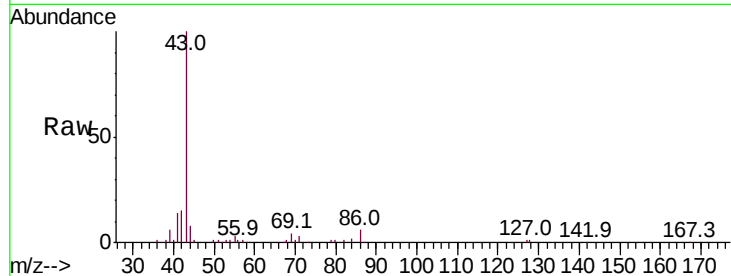
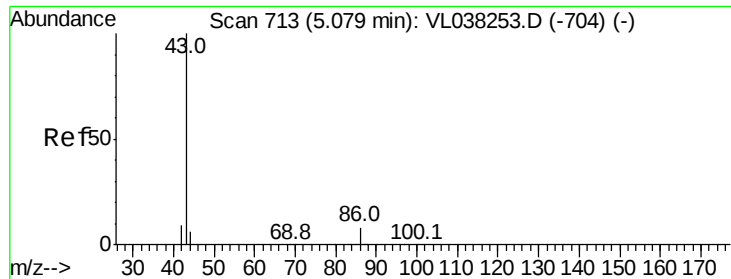
Reviewed By :Semsettin Yesilyurt 01/27/2022
Supervised By :Mahesh Dadoda 01/28/2022



#13
Ethanol
Concen: 0.816 ppbv m
RT: 3.61 min Scan# 257
Delta R.T. -0.01 min
Lab File: VL038287.D
Acq: 26 Jan 2022 14:09

Tgt Ion: 45 Resp: 4799
Ion Ratio Lower Upper
45 100
46 0.0 15.4 61.6#





#23

Vinyl Acetate

Concen: 0.890 ppbv

RT: 5.07

Delta R.T. MSVOA_L

Lab File:

Acq: 26 Jan 2022 14:09

ClientSampleId :

SV-1DL

Tot Ion:

Ion Ratio

43 100

86 5.

42 14.

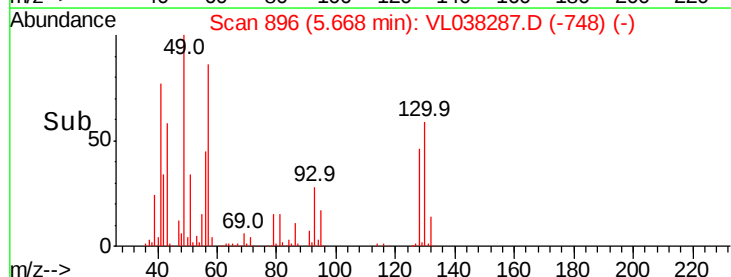
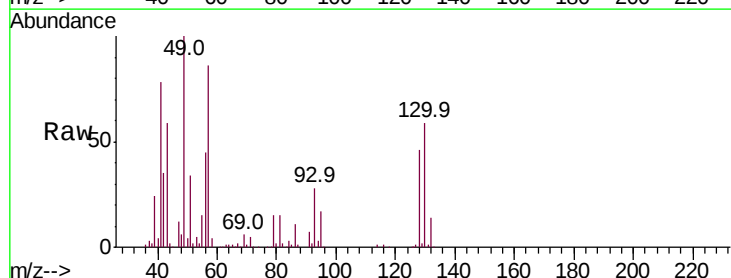
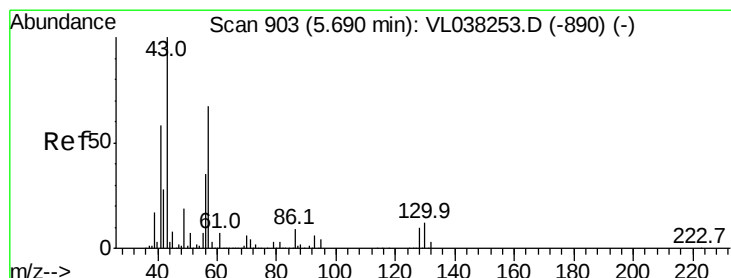
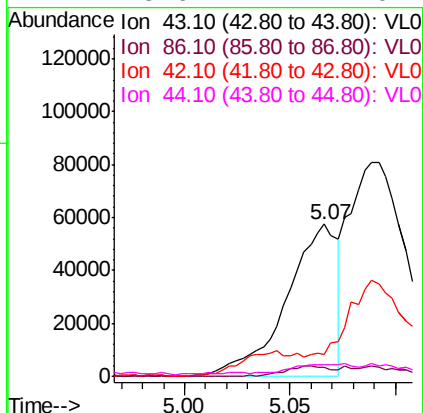
44 5.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022

Supervised By :Mahesh Dadoda 01/28/2022



#26

Hexane

Concen: 2.462 ppbv

RT: 5.67 min Scan# 896

Delta R.T. -0.02 min

Lab File: VL038287.D

Acq: 26 Jan 2022 14:09

Tgt Ion: 57 Resp: 239026

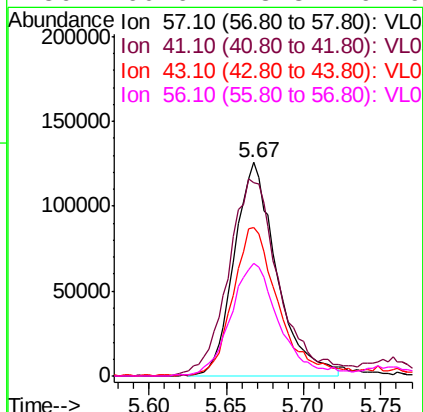
Ion Ratio Lower Upper

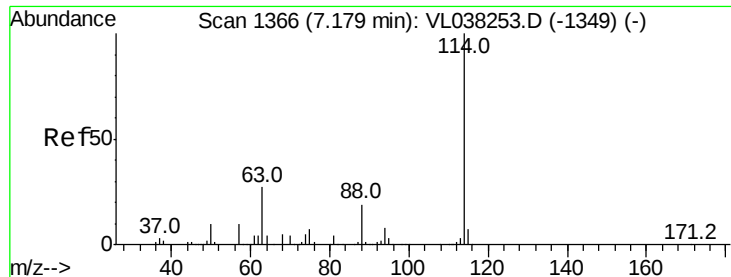
57 100

41 111.7 72.8 109.2#

43 78.0 177.0 265.6#

56 60.6 43.3 64.9



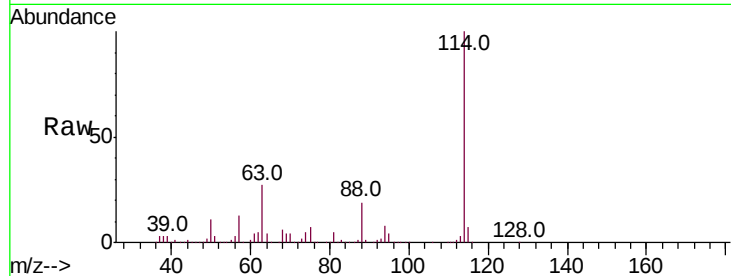


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 SV-1DL
 Acq: 26 Jan 2022 14:09

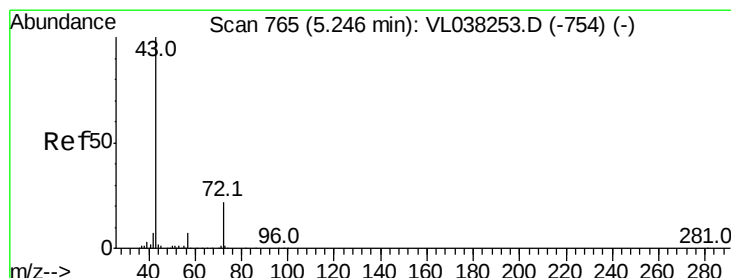
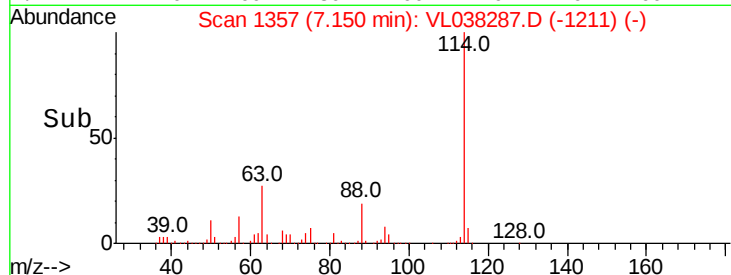
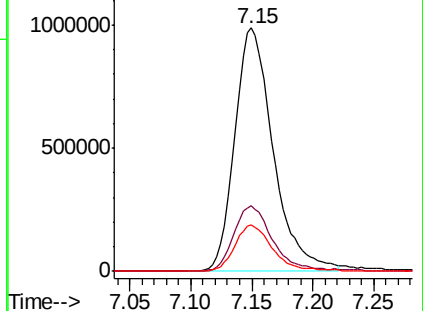
Tot Ion:1
 Ion Rati
 114 100
 63 27.
 88 19.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022
 Supervised By :Mahesh Dadoda 01/28/2022

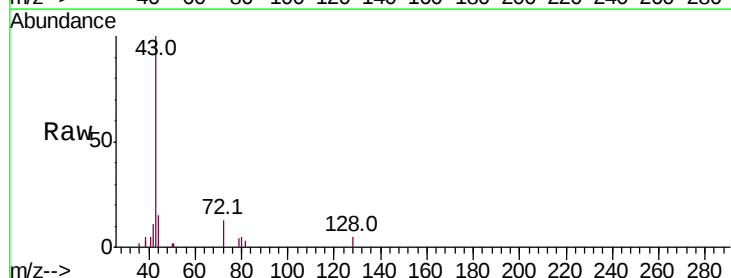


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

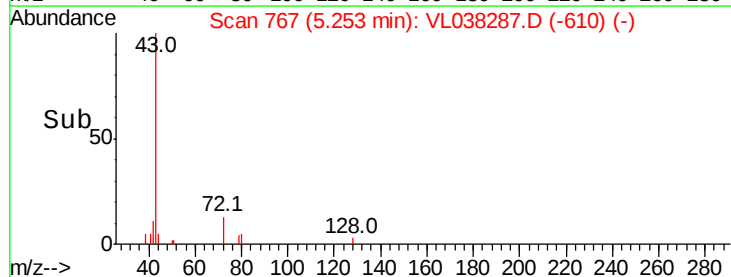
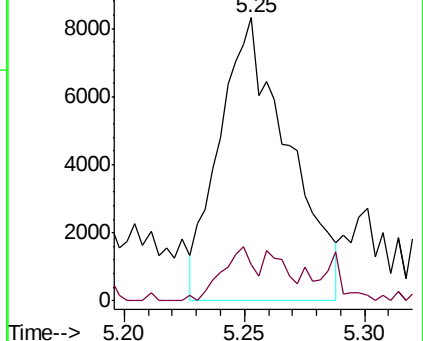


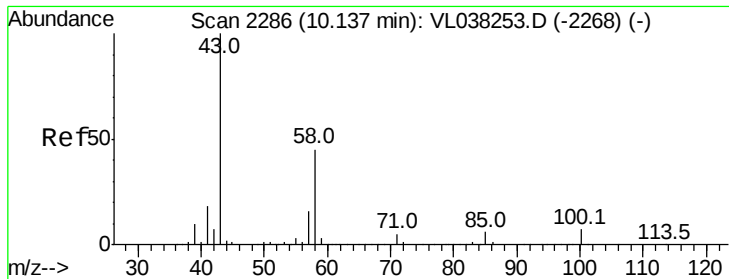
#34
 2-Butanone
 Concen: 0.237 ppbv m
 RT: 5.25 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: VL038287.D
 Acq: 26 Jan 2022 14:09

Tgt Ion: 43 Resp: 16704
 Ion Ratio Lower Upper
 43 100
 72 16.6 18.1 27.1#



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0



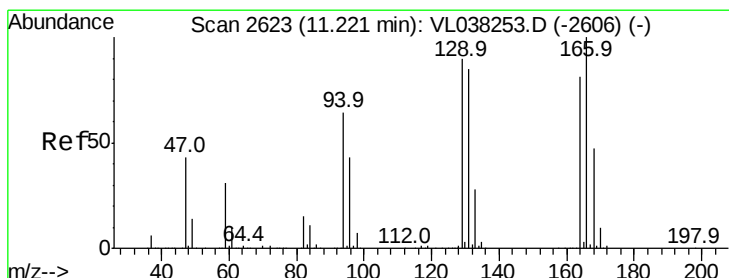
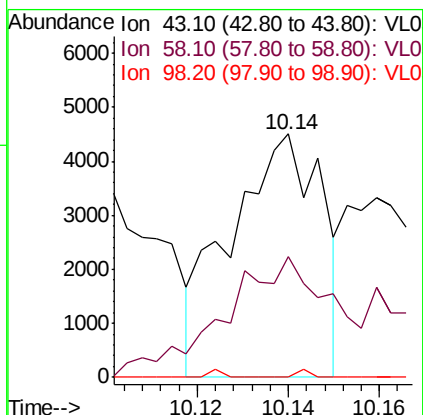
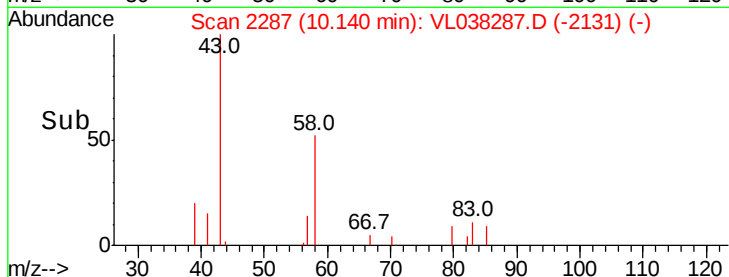
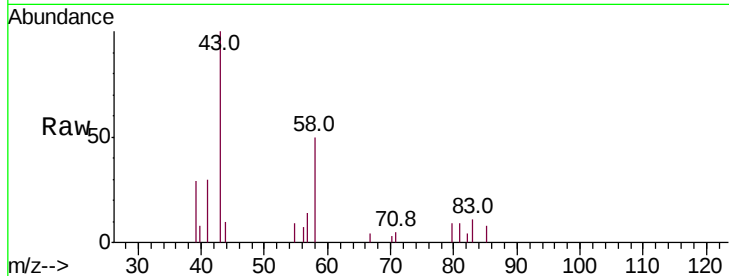


#51
2-Hexanone
Concen: 0.113 ppbv m
RT: 10.14 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 26 Jan 2022 14:09

Tot Ion:
Ion Ratio
43 100
58 0.
98 0.

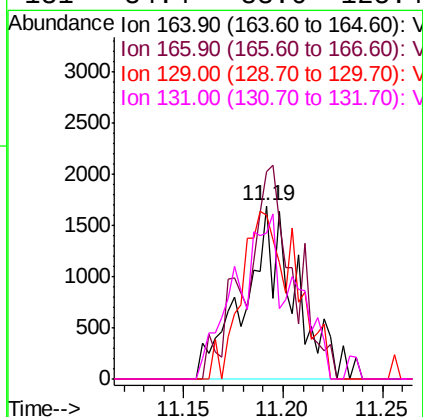
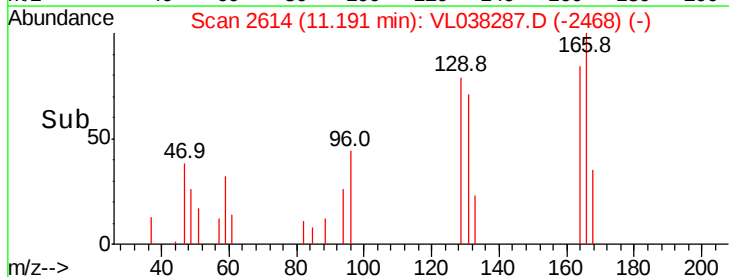
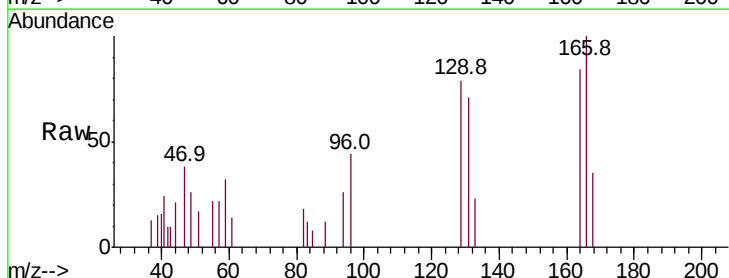
Manual Integrations
APPROVED

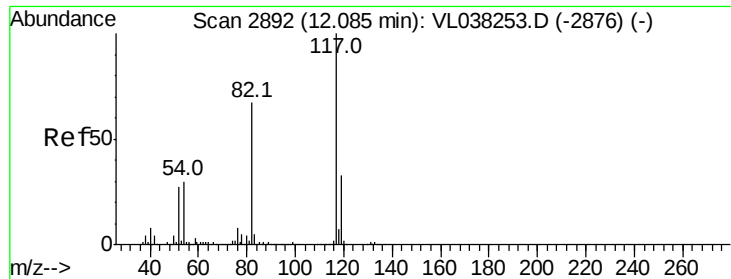
Reviewed By :Semsettin Yesilyurt 01/27/2022
Supervised By :Mahesh Dadoda 01/28/2022



#52
Tetrachloroethene
Concen: 0.045 ppbv m
RT: 11.19 min Scan# 2614
Delta R.T. -0.03 min
Lab File: VL038287.D
Acq: 26 Jan 2022 14:09

Tgt Ion:164 Resp: 2930
Ion Ratio Lower Upper
164 100
166 119.3 98.8 148.2
129 94.7 89.2 133.8
131 84.4 83.6 125.4



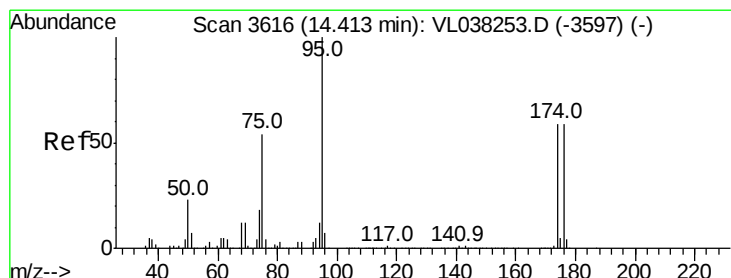
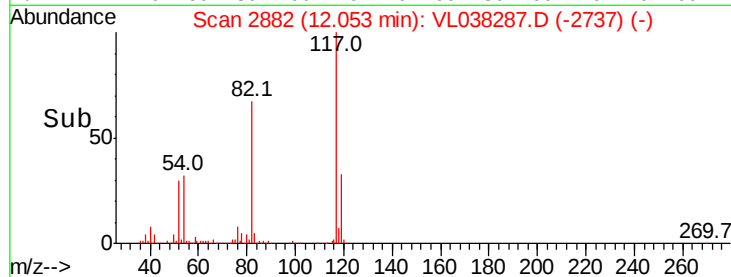
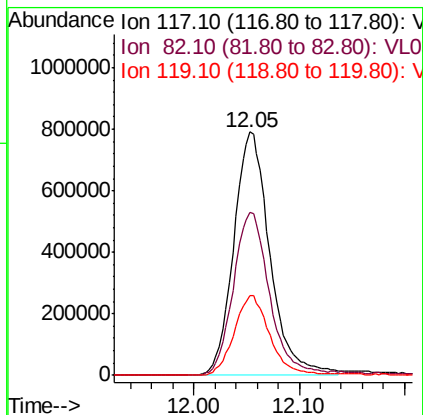
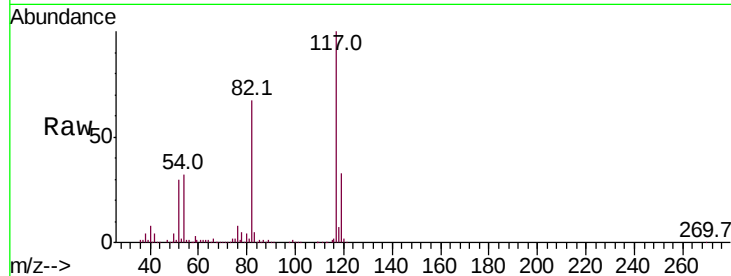


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
SV-1DL
Acq: 26 Jan 2022 14:09

Tot Ion:1
Ion Rati
117 100
82 70.
119 33.

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/27/2022
Supervised By :Mahesh Dadoda 01/28/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 9.999 ppbv
RT: 14.38 min Scan# 3607
Delta R.T. -0.03 min
Lab File: VL038287.D
Acq: 26 Jan 2022 14:09

Tgt Ion: 95 Resp: 1428397
Ion Ratio Lower Upper
95 100
174 58.9 48.3 72.5
175 4.5 3.5 5.3

