Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL060722\
Data File : VL039212.D
Acq On : 7 Jun 2022 16:53
Operator : SY/AP
Sample : N3199-02DL 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 08 05:44:52 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122A
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	890171	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2144922	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	1809150	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	1465461	9.80	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.06	85	18542m	0.119	ppbv	
3) Chlorodifluoromethane	3.00	51	12143m	0.107	ppbv	
4) Chloromethane	3.15	50	9931m	0.171	ppbv	
9) Propene	3.02	41	24411m	0.494	ppbv	
13) Ethanol	3.61	45	55811m	20.722	ppbv	
15) Acetone	3.86	43	290283	3.130	ppbv	99
19) Isopropyl Alcohol	3.99	45	35553m	0.817	ppbv	
20) Methylene Chloride	4.35	84	177105m	4.532	ppbv	
26) Hexane	5.69	57	148460	1.616	ppbv #	38
34) 2-Butanone	5.26	43	14203m	0.122	ppbv	
36) Benzene	6.89	78	119628	0.687	ppbv	99
52) Tetrachloroethene	11.22	164	46508m	0.684	ppbv	
53) Toluene	9.81	91	25031m	0.125	ppbv	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL060722\
Data File : VL039212.D
Acq On : 7 Jun 2022 16:53
Operator : SY/AP
Sample : N3199-02DL 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 08 05:44:52 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Manual Integrations APPROVED

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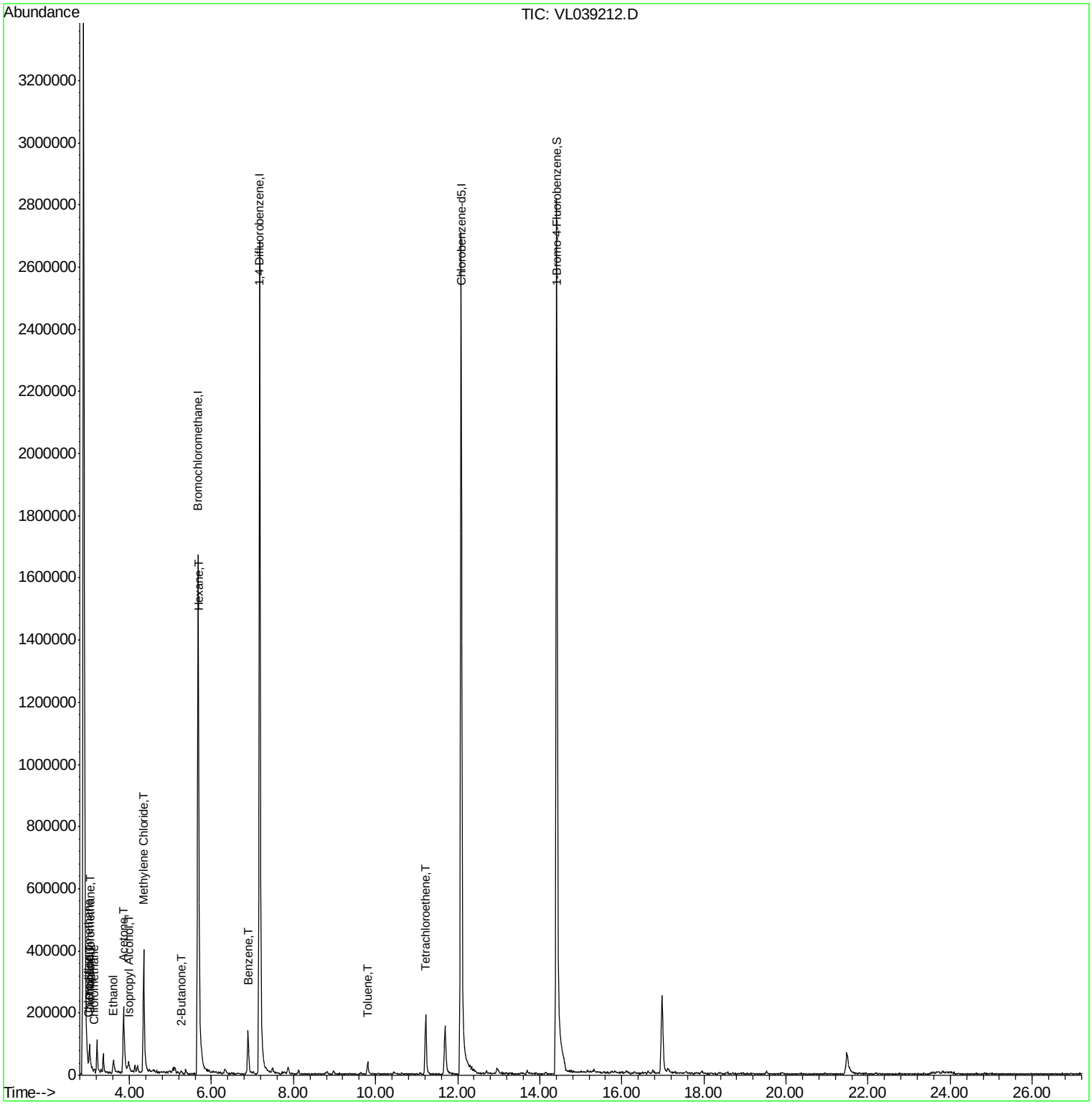

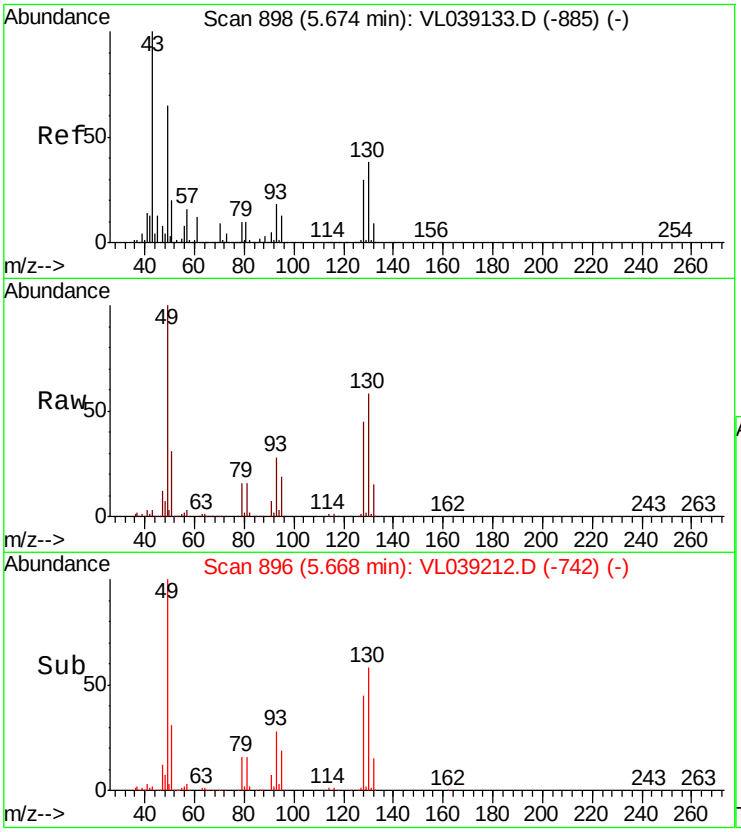

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 7 Jun 2022 16:53

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion:

Ion	Rati
49	100
128	48.
130	62.

Manual Integrations APPROVED

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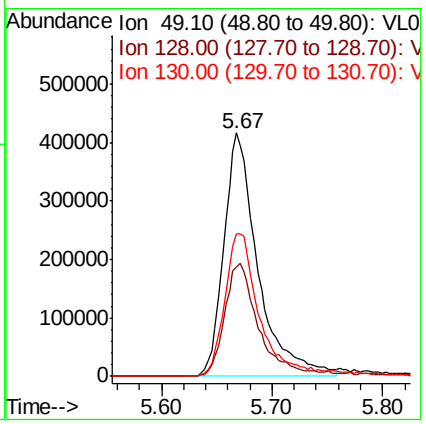
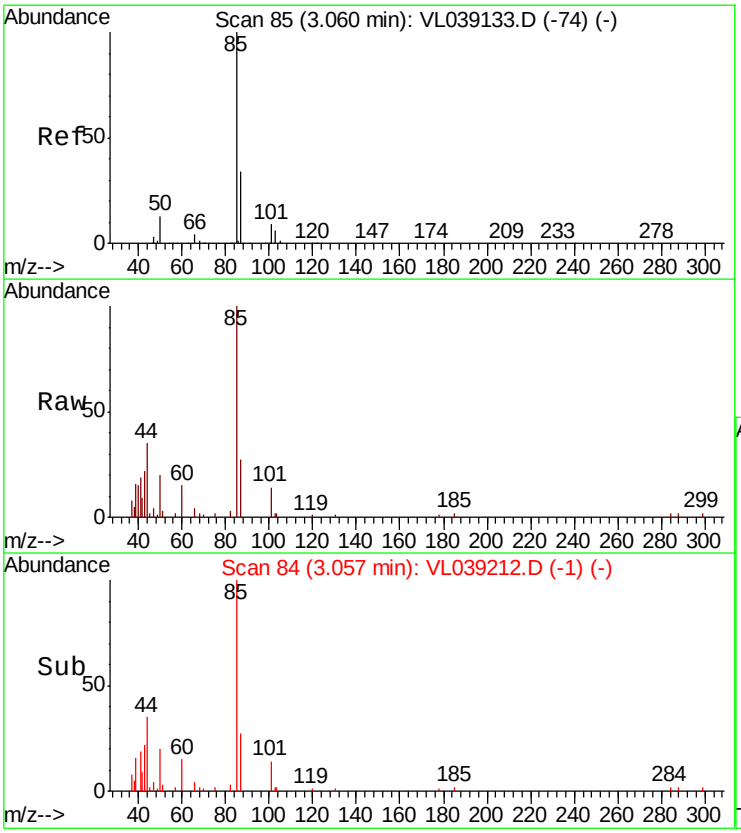
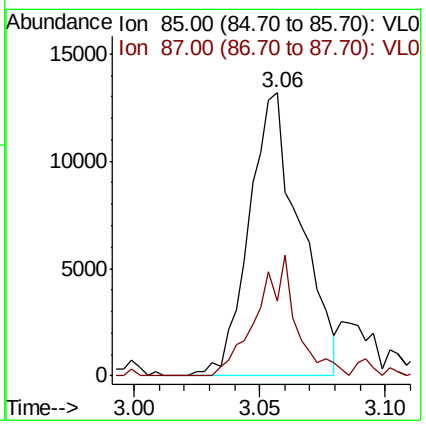


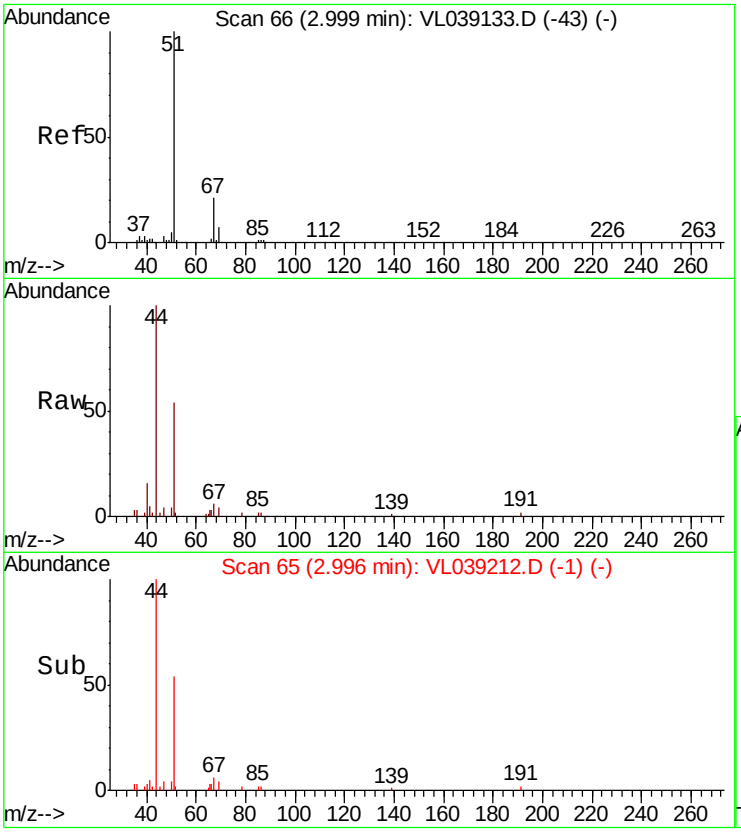


#2
Dichlorodifluoromethane
Concen: 0.119 ppbv m
RT: 3.06 min Scan# 84
Delta R.T. -0.00 min
Lab File: VL039212.D
Acq: 7 Jun 2022 16:53

Tgt Ion: 85 Resp: 18542

Ion	Ratio	Lower	Upper
85	100		
87	26.6	26.9	40.3#





#3
Chlorodifluoromethane
Concen: 0.107 ppbv m
RT: 3.00
Delta R.T
Lab File:
Acq: 7 Jun 2022 16:53

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion:
Ion Rati
51 100
67 22.

Manual Integrations
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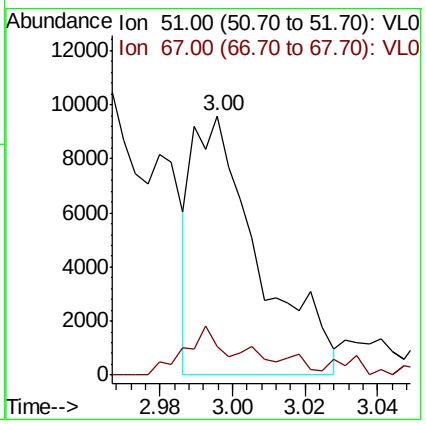
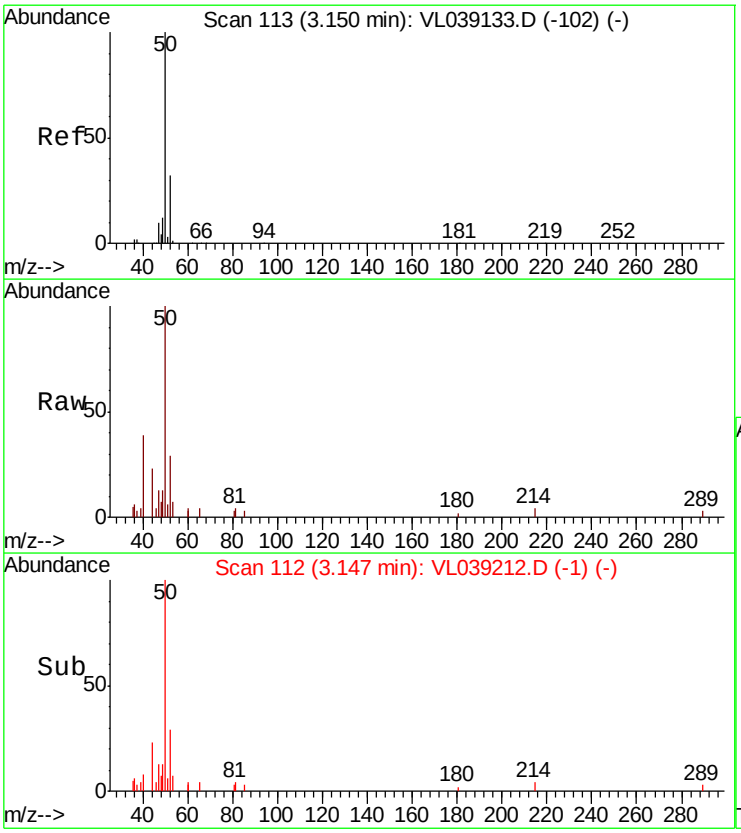
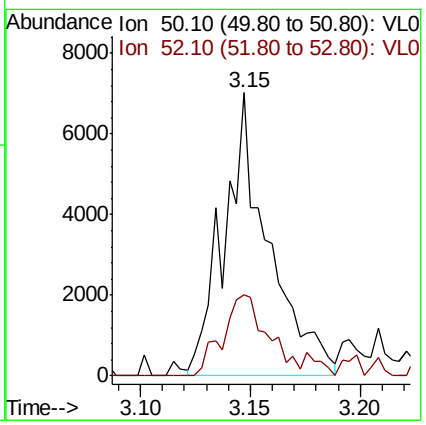


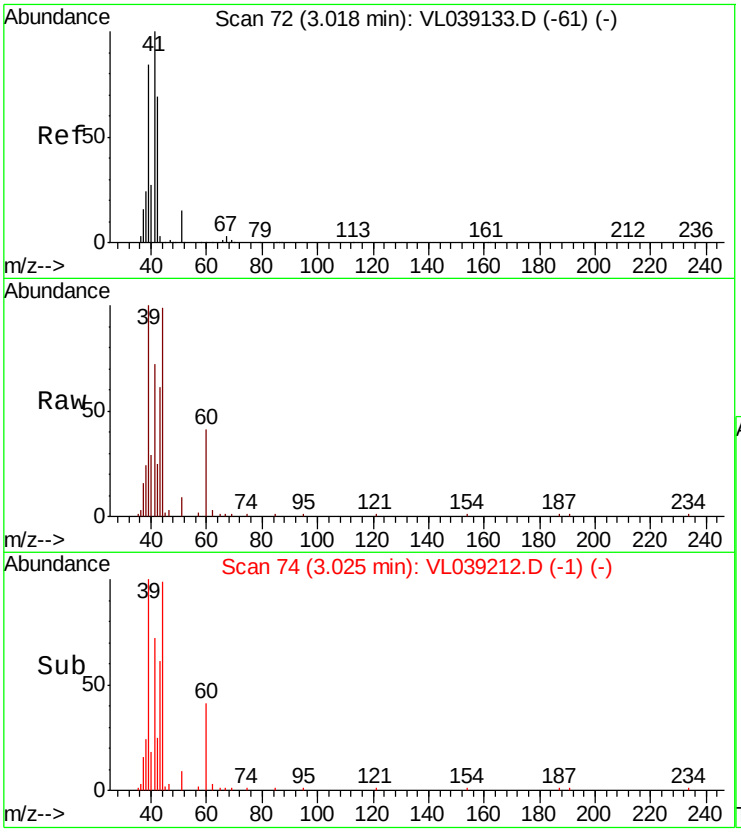


#4
Chloromethane
Concen: 0.171 ppbv m
RT: 3.15 min Scan# 112
Delta R.T. -0.00 min
Lab File: VL039212.D
Acq: 7 Jun 2022 16:53

Tgt Ion: 50 Resp: 9931

Ion	Ratio	Lower	Upper
50	100		
52	28.6	25.9	38.9





#9
Propene
Concen: 0.494 ppbv m
RT: 3.02
Delta R.T
Lab File:
Acq: 7 Jun 2022 16:53

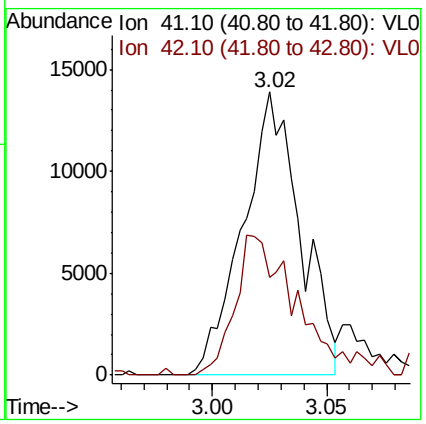
Instrument :
MSVOA_L
ClientSampleId :
IA1DL

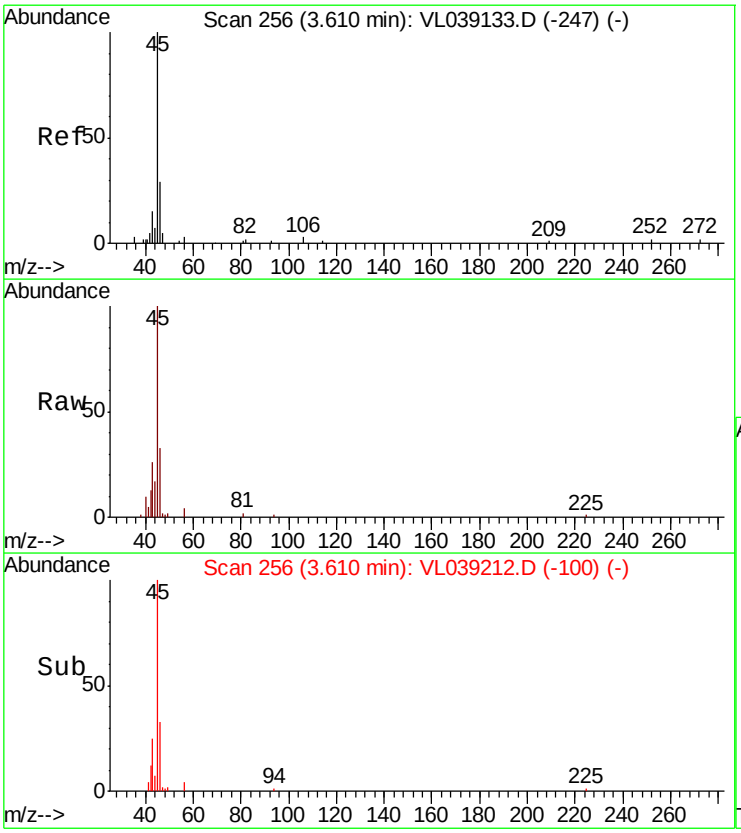
Tgt Ion:

Ion	Rati
41	100
42	53.

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022

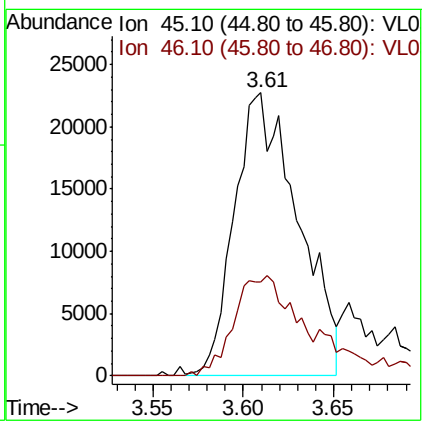


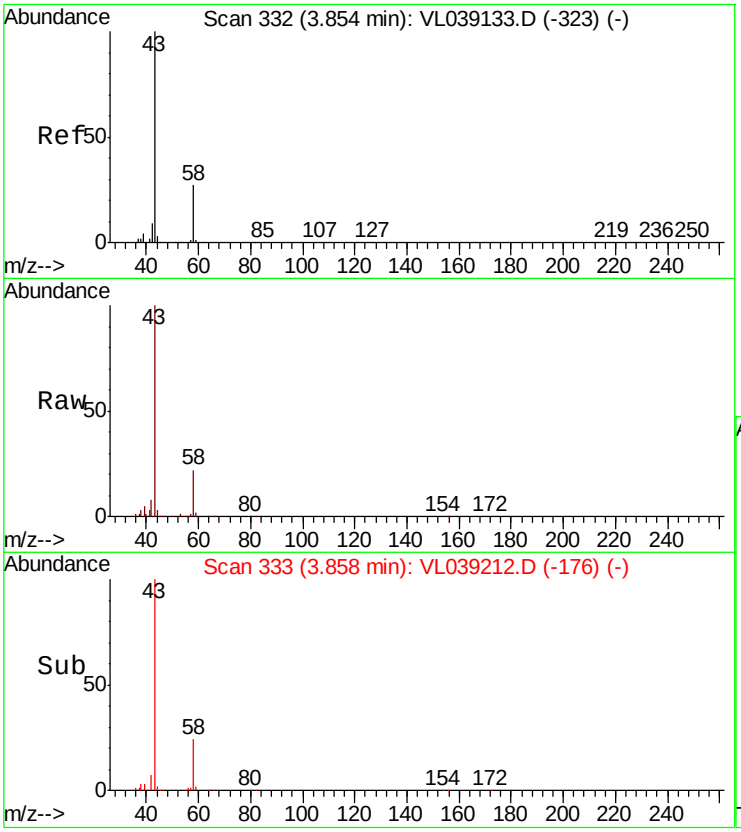


#13
Ethanol
Concen: 20.722 ppbv m
RT: 3.61 min Scan# 256
Delta R.T. 0.00 min
Lab File: VL039212.D
Acq: 7 Jun 2022 16:53

Tgt Ion: 45 Resp: 55811

Ion	Ratio	Lower	Upper
45	100		
46	44.7	0.0	0.0#





#15
Acetone
Concen: 3.130 ppbv
RT: 3.86
Delta R.T
Lab File:
Acq: 7 Jun 2022 16:53

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion:
Ion Rati
43 100
58 27.

Manual Integrations
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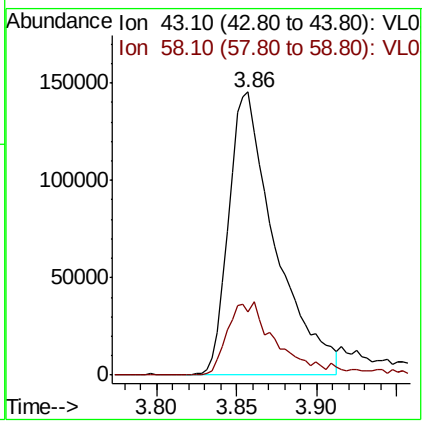
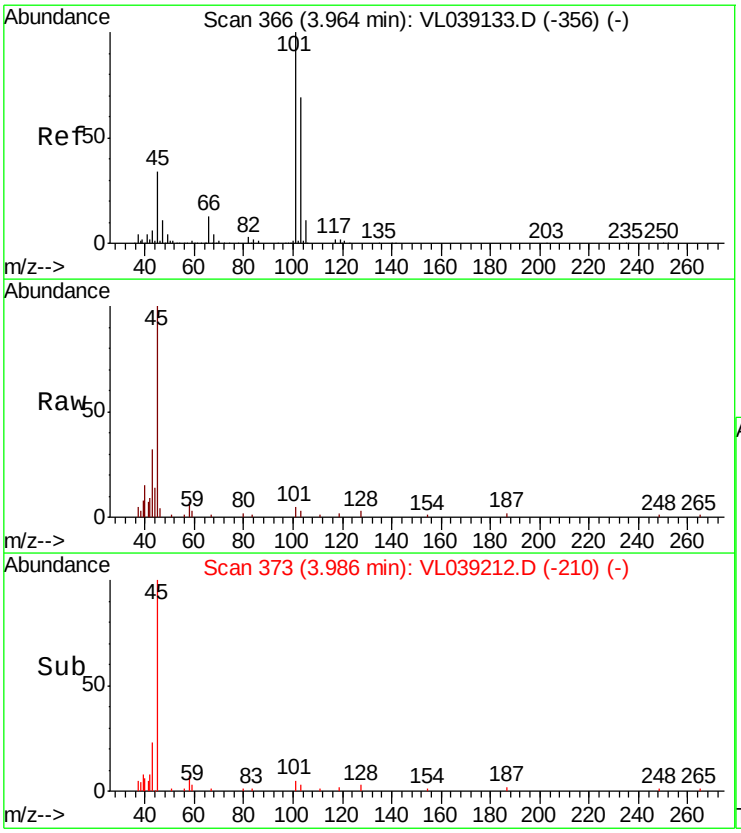
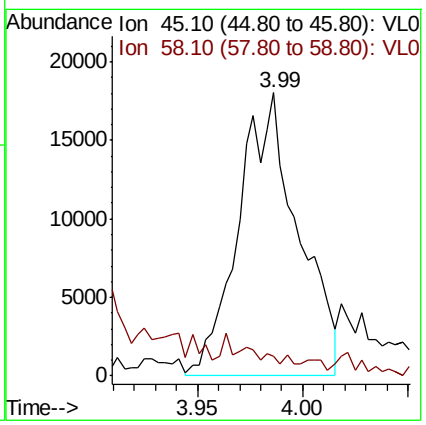


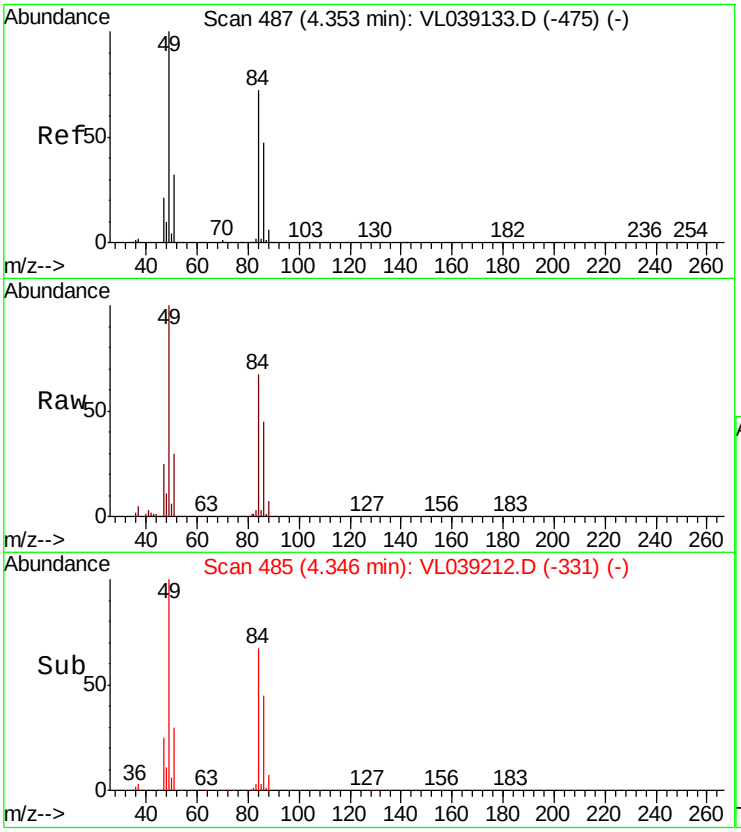


#19
Isopropyl Alcohol
Concen: 0.817 ppbv m
RT: 3.99 min Scan# 373
Delta R.T. 0.02 min
Lab File: VL039212.D
Acq: 7 Jun 2022 16:53

Tgt Ion: 45 Resp: 35553

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.8	2.8#





#20
Methylene Chloride
Concen: 4.532 ppbv m
RT: 4.35
Delta R.T
Lab File:
Acq: 7 Jun 2022 16:53

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion:

Ion	Rati		
84	100		
49	148.		
51	45.		
86	66.6	51.9	77.9

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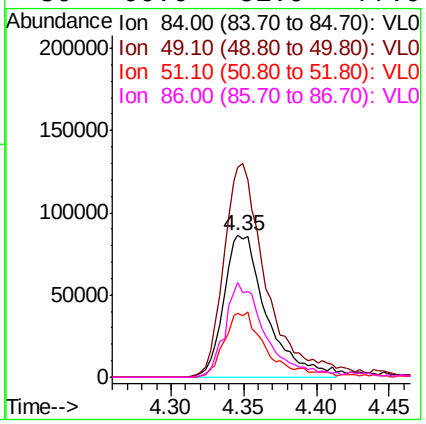
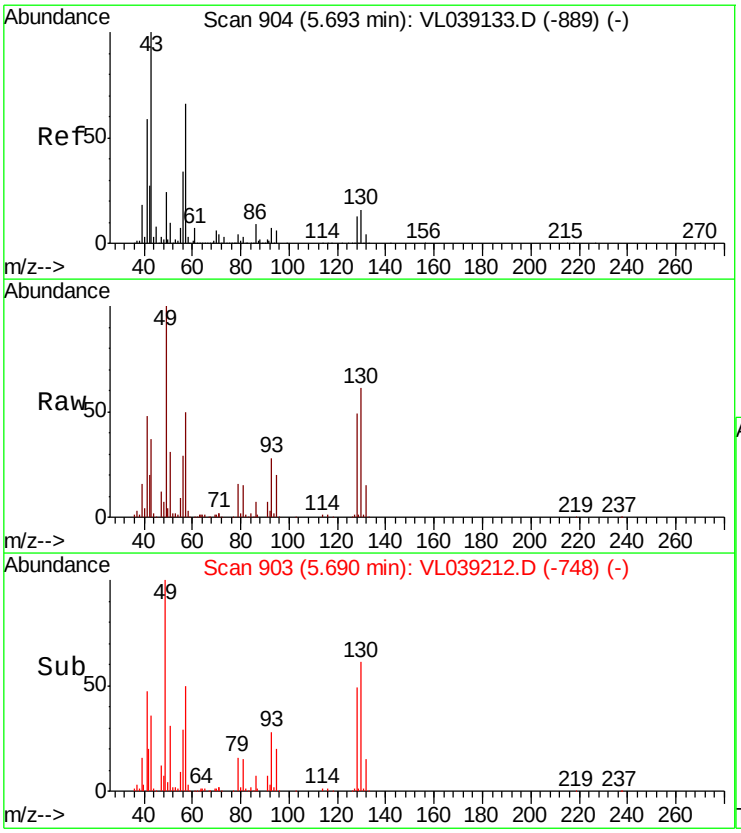
Supervised By :Mahesh Dadoda 06/10/2022

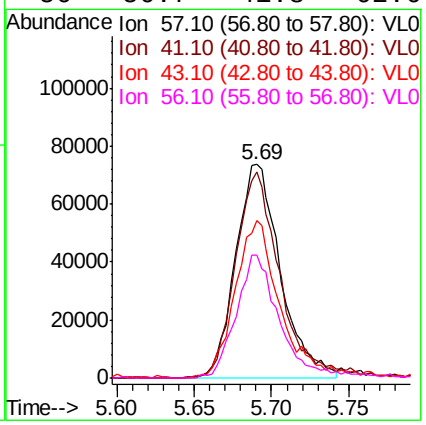


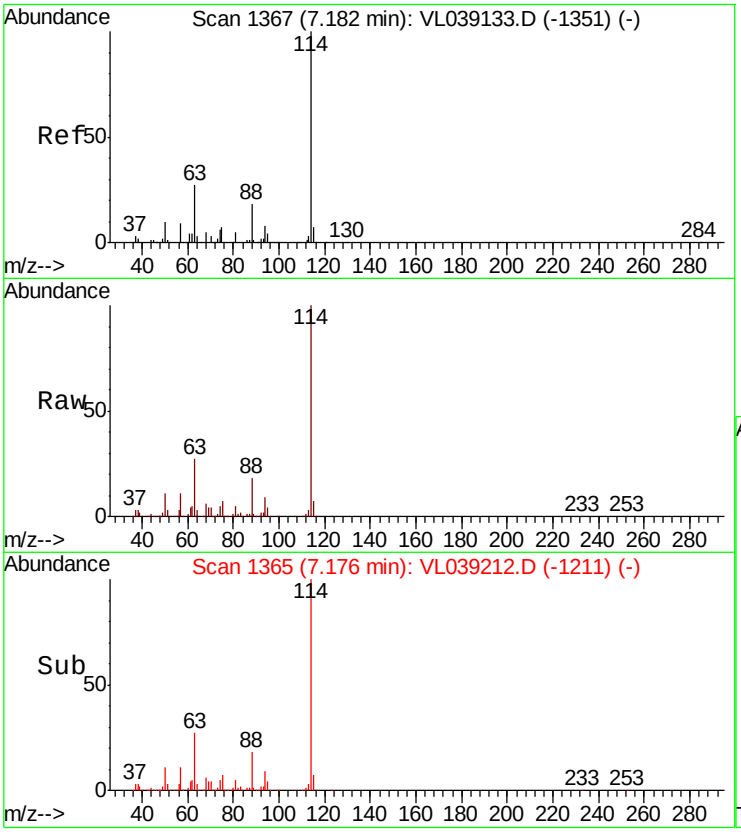


#26
Hexane
Concen: 1.616 ppbv
RT: 5.69 min Scan# 903
Delta R.T. -0.00 min
Lab File: VL039212.D
Acq: 7 Jun 2022 16:53

Tgt Ion: 57 Resp: 148460

Ion	Ratio	Lower	Upper
57	100		
41	98.0	72.4	108.6
43	75.6	187.0	280.6#
56	56.7	41.8	62.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18
Delta R.T
Lab File:
Acq: 7 Jun 2022 16:53

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion:1

Ion	Rati
114	100
63	27.
88	18.

Manual Integrations
APPROVED

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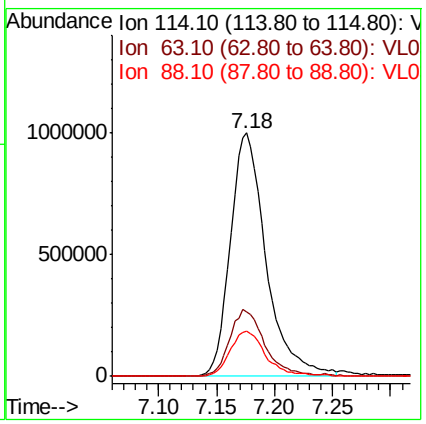
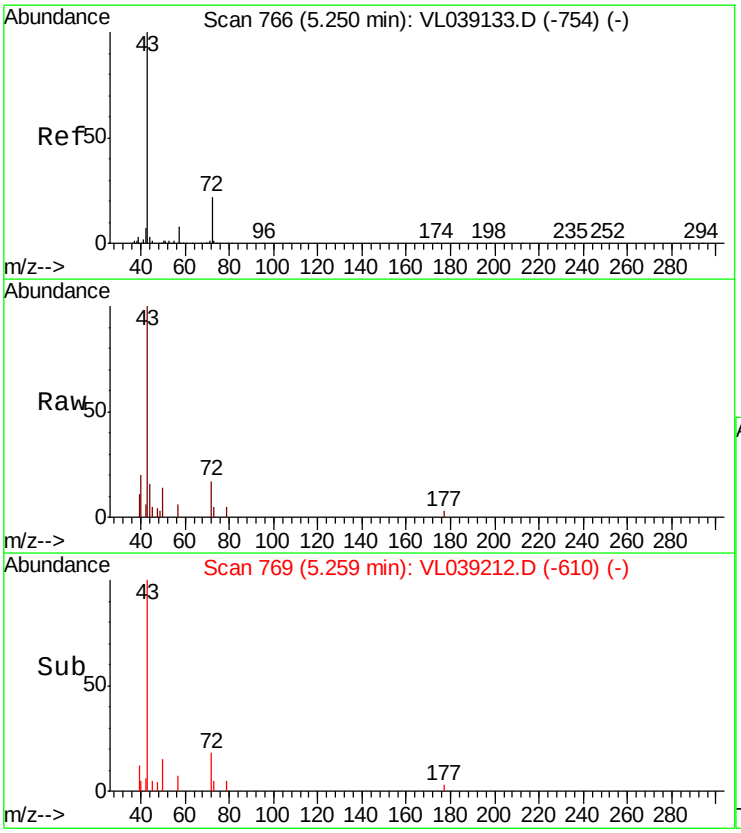
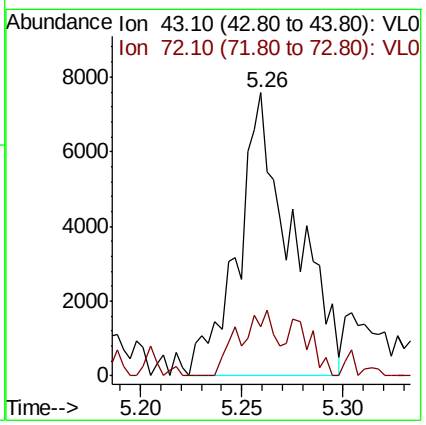


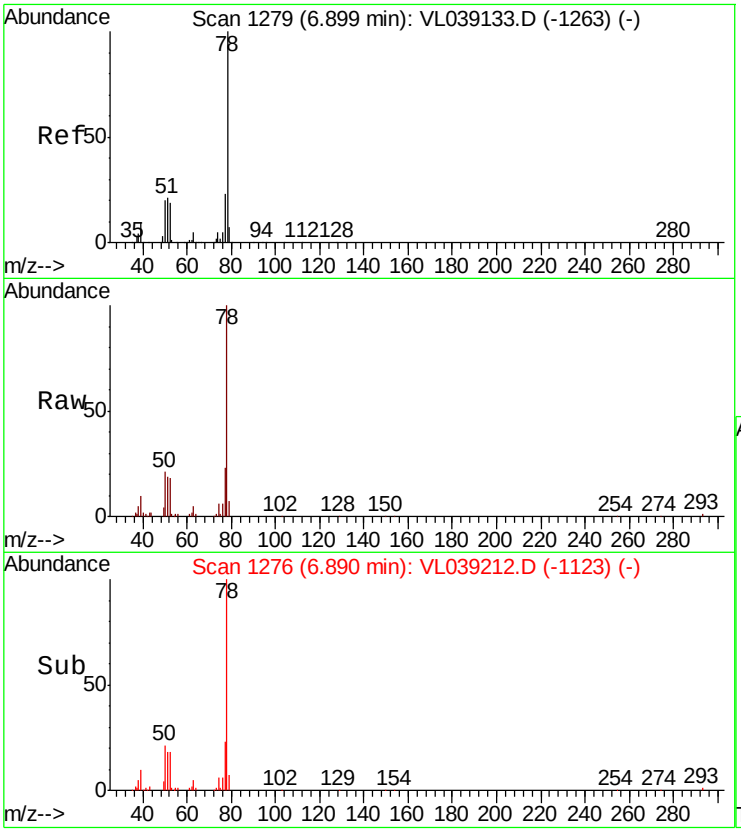


#34
2-Butanone
Concen: 0.122 ppbv m
RT: 5.26 min Scan# 769
Delta R.T. 0.01 min
Lab File: VL039212.D
Acq: 7 Jun 2022 16:53

Tgt Ion: 43 Resp: 14203

Ion	Ratio	Lower	Upper
43	100		
72	26.2	18.2	27.2





#36
Benzene
Concen: 0.687 ppbv
RT: 6.89
Delta R.T
Lab File:
Acq: 7 Jun 2022 16:53

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion:
Ion Rati
78 100
77 23.
50 21.

Manual Integrations APPROVED

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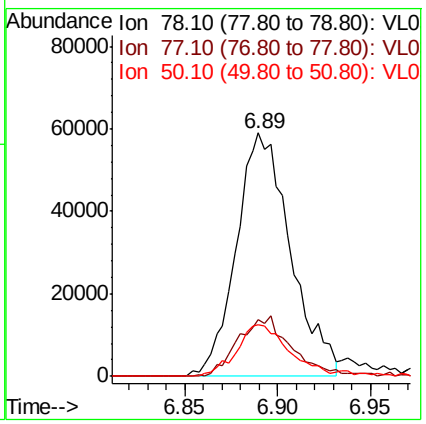
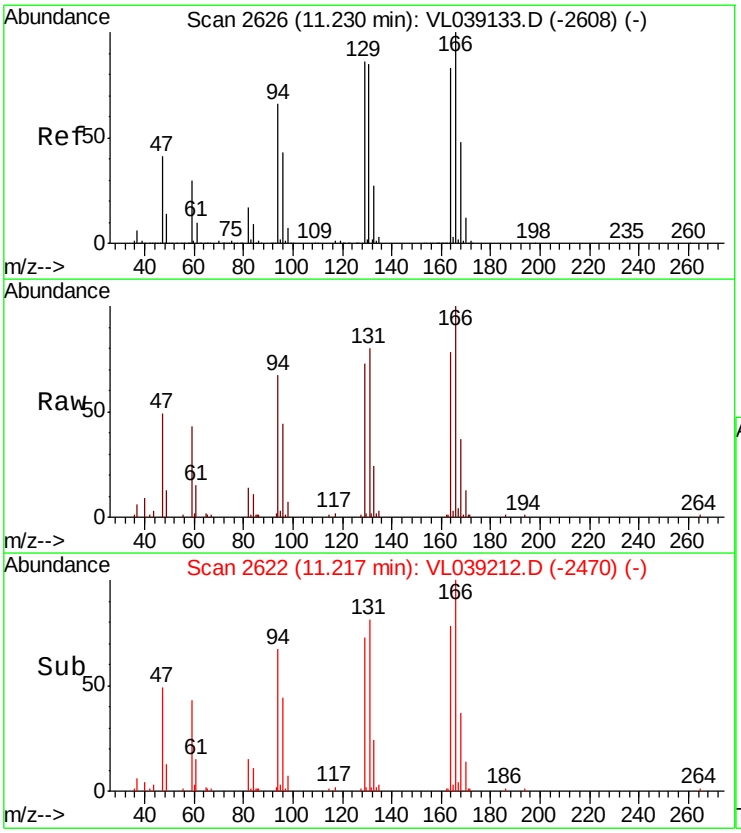
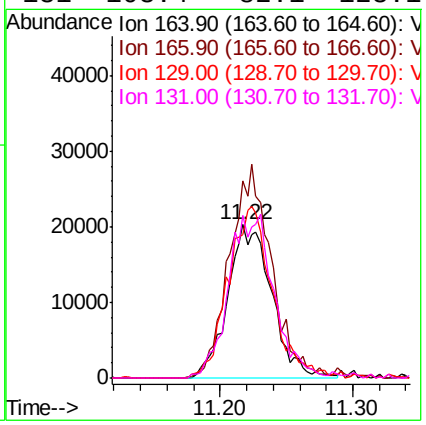


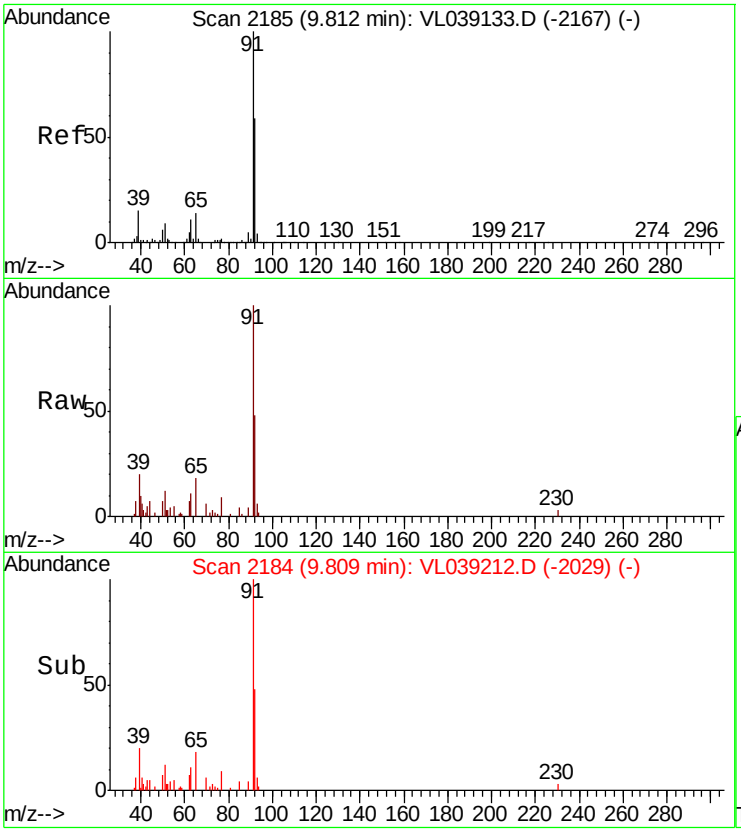


#52
Tetrachloroethene
Concen: 0.684 ppbv m
RT: 11.22 min Scan# 2622
Delta R.T. -0.01 min
Lab File: VL039212.D
Acq: 7 Jun 2022 16:53

Tgt Ion:164 Resp: 46508

Ion	Ratio	Lower	Upper
164	100		
166	128.5	96.3	144.5
129	93.4	82.5	123.7
131	103.4	82.1	123.1





#53
Toluene
Concen: 0.125 ppbv m
RT: 9.81
Delta R.T
Lab File:
Acq: 7 Jun 2022 16:53

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion:

Ion	Rati
91	100
92	0.

Manual Integrations APPROVED

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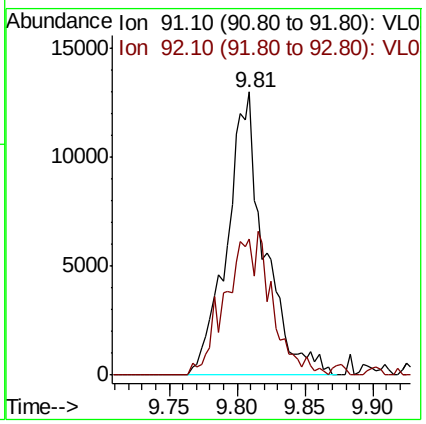
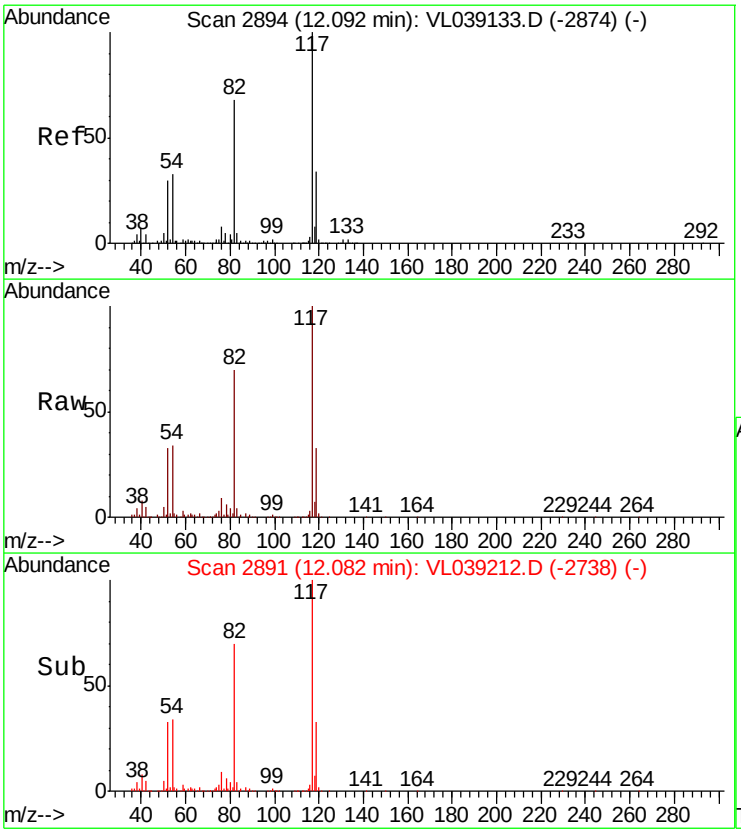
Supervised By :Mahesh Dadoda 06/10/2022

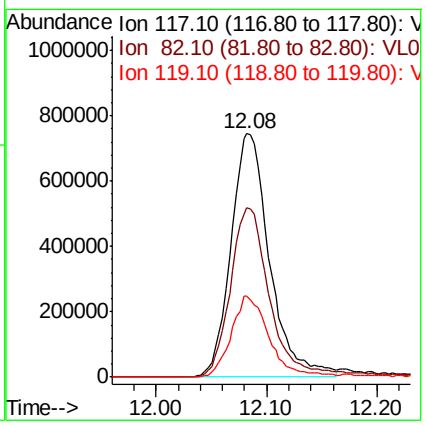


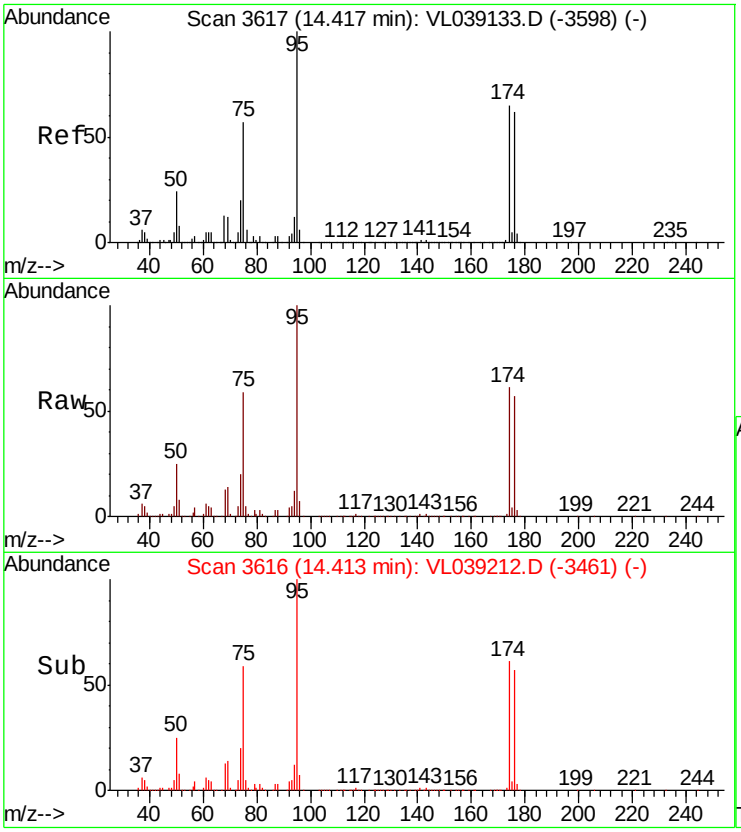


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL039212.D
Acq: 7 Jun 2022 16:53

Tgt Ion:117 Resp: 1809150

Ion	Ratio	Lower	Upper
117	100		
82	73.1	55.1	82.7
119	33.9	24.7	37.1



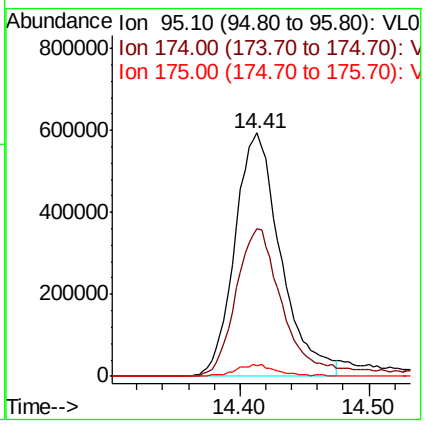


#68
1-Bromo-4-Fluorobenzene
Concen: 9.798 ppbv
RT: 14.41
Delta R.T
Lab File:
Acq: 7 Jun 2022 16:53

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Tgt Ion:

Ion	Rati
95	100
174	66.
175	4.

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022