

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060722\
 Data File : VL039222.D
 Acq On : 7 Jun 2022 23:35
 Operator : SY/AP
 Sample : N3214-14 0.5 LOQ
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 LOQ-AIR-02-QT2-2022

Manual Integrations
 APPROVED

Quant Time: Jun 08 07:13:09 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

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	668144	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	1570375	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	1326397	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1245719	11.36	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	113.60%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	114514	0.976	ppbv	97
3) Chlorodifluoromethane	3.00	51	63545	0.747	ppbv	93
4) Chloromethane	3.15	50	33404m	0.765	ppbv	
5) Vinyl Chloride	3.27	62	30197	0.740	ppbv	99
6) Bromomethane	3.48	94	18119m	0.902	ppbv	
7) Chloroethane	3.57	64	13067m	0.919	ppbv	
8) Dichlorotetrafluoroethane	3.20	85	83886	0.782	ppbv	100
9) Propene	3.02	41	23730m	0.640	ppbv	
10) Heptane	8.13	43	45123m	0.522	ppbv	
11) Trichlorofluoromethane	3.96	101	105838	0.996	ppbv	89
12) 1,1,2-Trichlorotrifluoroet	4.49	101	63140	0.899	ppbv	98
13) Ethanol	3.62	45	2044m	1.011	ppbv	
14) Bromoethene	3.75	108	24241m	0.768	ppbv	
15) Acetone	3.87	43	63000m	0.905	ppbv	
16) 1,3-Butadiene	3.34	39	30196m	0.807	ppbv	
17) tert-Butyl alcohol	4.31	59	45983m	0.852	ppbv	
18) 1,1-Dichloroethene	4.29	96	30334m	0.963	ppbv	
19) Isopropyl Alcohol	4.00	45	24116m	0.739	ppbv	
20) Methylene Chloride	4.35	84	32248m	1.099	ppbv	
21) Allyl Chloride	4.41	41	33927	0.723	ppbv #	83
22) trans-1,2-Dichloroethene	4.89	96	24133	0.796	ppbv	98
23) Vinyl Acetate	5.08	43	41466m	0.720	ppbv	
24) 1,1-Dichloroethane	5.02	63	63456	0.804	ppbv	97
25) Ethyl Acetate	5.69	43	97159m	0.619	ppbv	
26) Hexane	5.69	57	36789	0.534	ppbv #	69
27) Carbon Disulfide	4.56	76	45440	0.636	ppbv	98
28) Methyl tert-Butyl Ether	5.05	73	53042	0.697	ppbv	94
29) Chloroform	5.75	83	83219	0.717	ppbv	86
30) Cyclohexane	7.13	84	34353m	0.593	ppbv	
31) cis-1,2-Dichloroethene	5.55	61	41456	0.590	ppbv #	79
32) 1,1,1-Trichloroethane	6.51	97	81148m	0.715	ppbv	
34) 2-Butanone	5.26	43	52189	0.612	ppbv	98
35) Carbon Tetrachloride	7.02	117	78440	0.684	ppbv #	80
36) Benzene	6.90	78	73958	0.580	ppbv	96
37) 1,2-Dichloroethane	6.31	62	68380m	0.815	ppbv	
38) Trichloroethene	7.84	130	36566m	0.624	ppbv	
39) 1,2-Dichloropropane	7.62	63	30824m	0.608	ppbv	
40) 1,4-Dioxane	7.88	88	10517m	0.630	ppbv	
41) Tetrahydrofuran	6.08	42	29670m	0.578	ppbv	
42) Bromodichloromethane	7.79	83	73842	0.634	ppbv #	98
43) Methyl Methacrylate	8.02	69	27654m	0.557	ppbv	

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Manual Integrations
 APPROVED

Quant Time: Jun 08 07:13:09 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122A

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

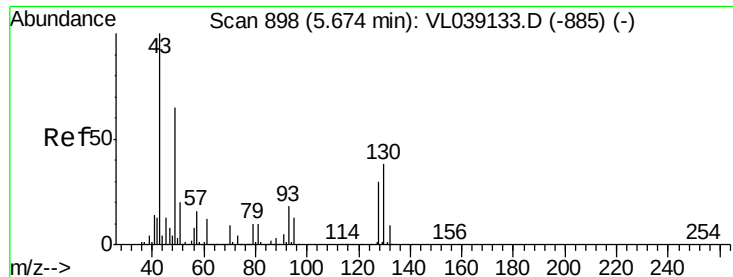
QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	134279m	0.602	ppbv	
45) t-1,3-Dichloropropene	9.28	75	25529m	0.494	ppbv	
46) cis-1,3-Dichloropropene	8.71	75	33855m	0.496	ppbv	
47) 1,1,2-Trichloroethane	9.47	97	34970m	0.661	ppbv	
48) Dibromochloromethane	10.30	129	52382m	0.555	ppbv	
49) Bromoform	13.03	173	38352m	0.487	ppbv	
50) 4-Methyl-2-Pentanone	8.76	43	72296m	0.566	ppbv	
51) 2-Hexanone	10.16	43	48647m	0.490	ppbv	
52) Tetrachloroethene	11.22	164	28496m	0.572	ppbv	
53) Toluene	9.81	91	75737	0.516	ppbv	98
54) 1,2-Dibromoethane	10.61	107	41784m	0.588	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.12	131	43878m	0.699	ppbv	
57) Chlorobenzene	12.14	112	66299	0.664	ppbv #	89
58) Ethyl Benzene	12.72	91	113407	0.621	ppbv	94
59) m/p-Xylene	13.00	91	216071m	1.343	ppbv	
60) o-Xylene	13.70	91	101669m	0.672	ppbv	
61) Styrene	13.53	104	43741m	0.540	ppbv	
62) Isopropylbenzene	14.67	105	149505m	0.665	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.68	83	55903m	0.659	ppbv	
64) n-propylbenzene	15.55	120	33747m	0.611	ppbv	
65) tert-Butylbenzene	16.75	119	134960m	0.657	ppbv	
66) Benzyl Chloride	16.99	91	14014m	0.525	ppbv	
67) sec-Butylbenzene	17.29	105	186600m	0.666	ppbv	
69) p-Isopropyltoluene	17.65	119	145897m	0.617	ppbv	
70) n-Butylbenzene	18.55	91	146288	0.603	ppbv	98
71) 2-Chlorotoluene	15.45	91	102204	0.596	ppbv	99
72) 4-Ethyltoluene	15.84	105	100274	0.566	ppbv #	95
73) 1,3,5-Trimethylbenzene	16.00	105	95736	0.599	ppbv	86
74) 1,2,4-Trimethylbenzene	16.76	105	117607m	0.659	ppbv	
75) 1,3-Dichlorobenzene	17.00	146	66938m	0.663	ppbv	
76) 1,4-Dichlorobenzene	17.13	146	64565m	0.641	ppbv	
77) 1,2-Dichlorobenzene	17.81	146	66131m	0.650	ppbv	
78) Hexachloro-1,3-Butadiene	23.37	225	62176m	0.668	ppbv	
79) Naphthalene	22.19	128	63096m	0.460	ppbv	
80) Naphthalene,2-methyl-	24.98	142	10875m	0.213	ppbv	
81) 1,2,4-Trichlorobenzene	21.93	180	41065m	0.472	ppbv	

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 23:35

Tot Ion:

Ion Ratio

49 100

128 47.

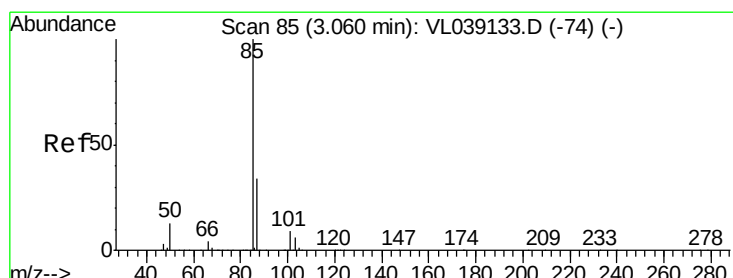
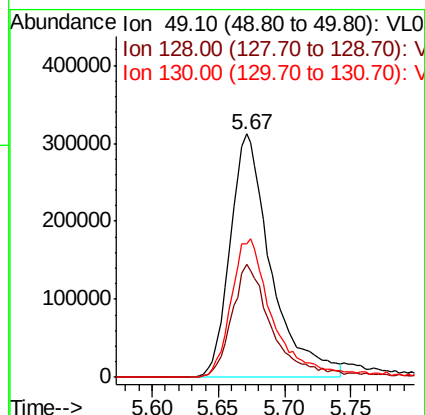
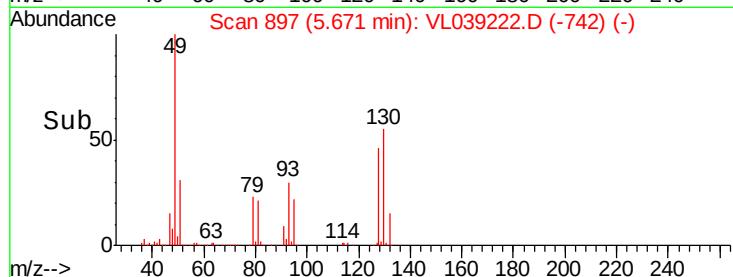
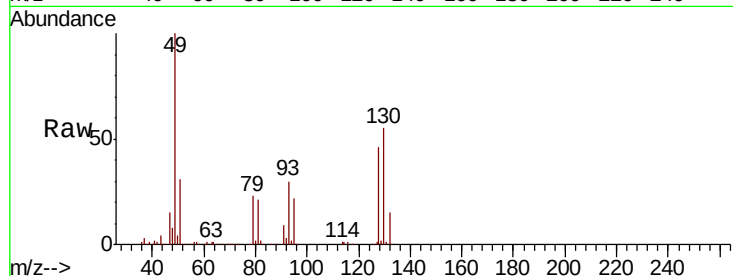
130 59.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#2

Dichlorodifluoromethane

Concen: 0.976 ppbv

RT: 3.06 min Scan# 84

Delta R.T. -0.00 min

Lab File: VL039222.D

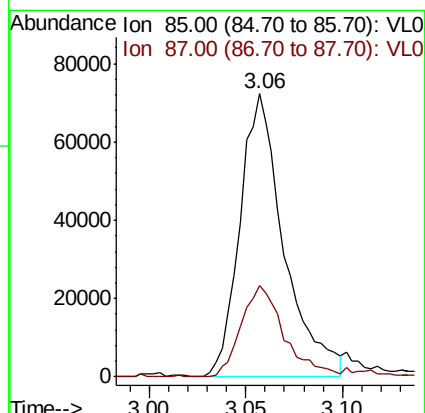
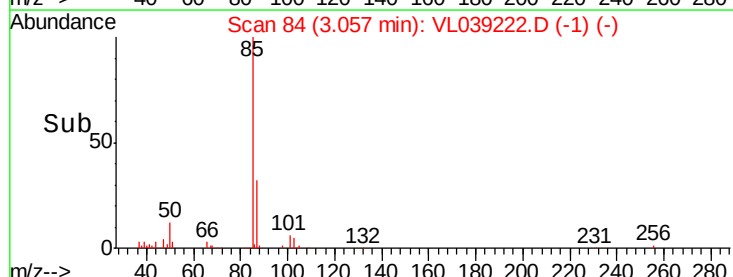
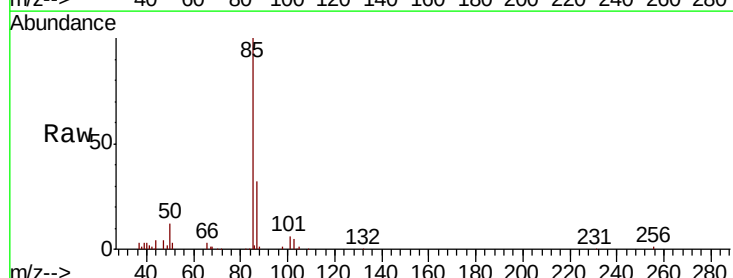
Acq: 7 Jun 2022 23:35

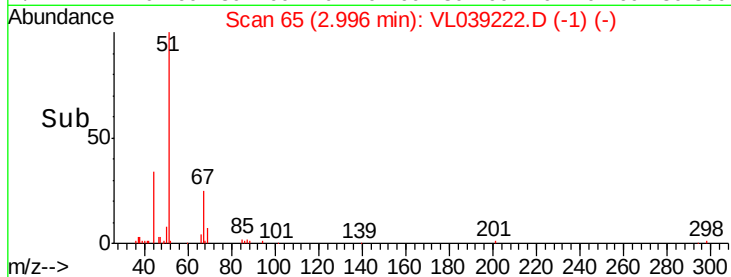
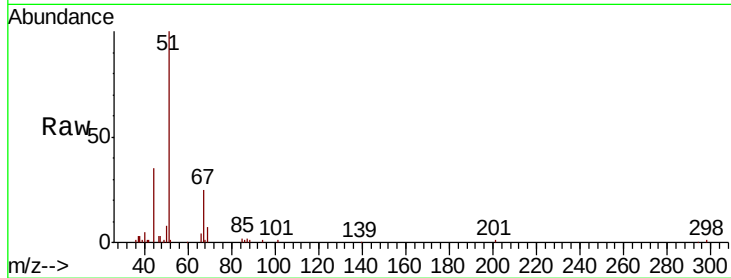
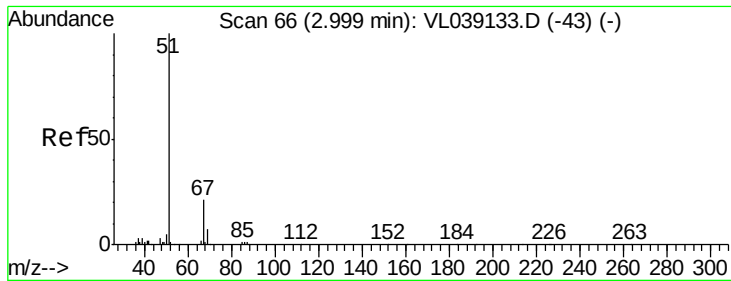
Tgt Ion: 85 Resp: 114514

Ion Ratio Lower Upper

85 100

87 32.1 26.9 40.3



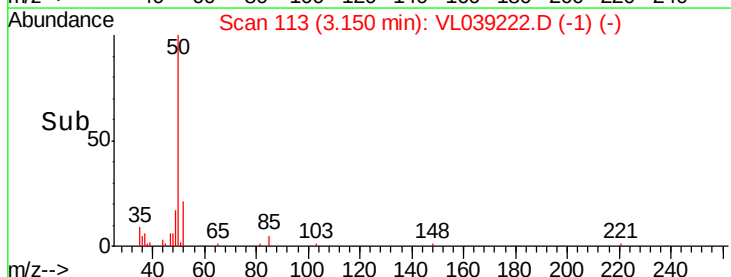
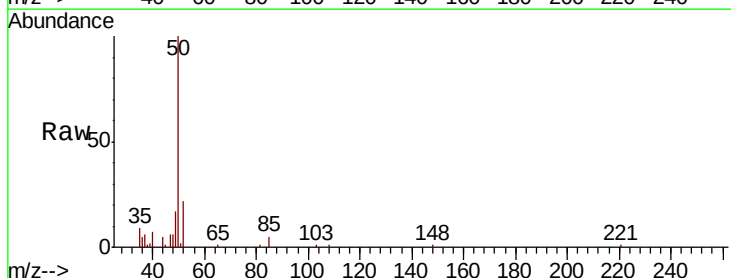
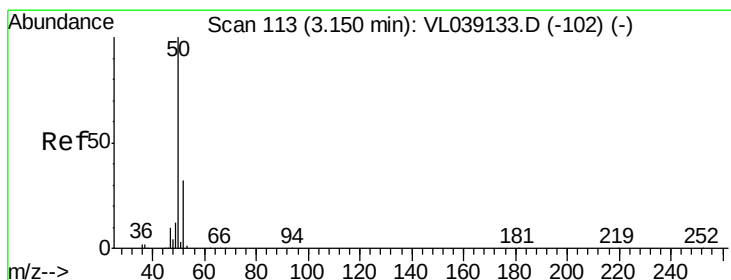
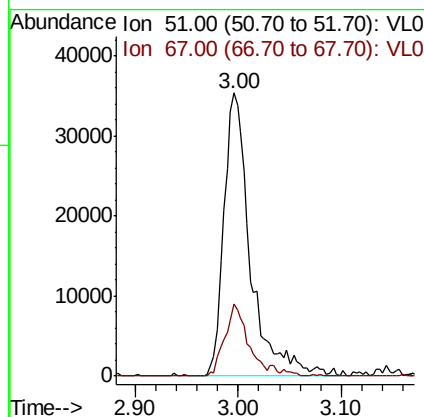


#3
Chlorodifluoromethane
Concen: 0.747 ppbv
RT: 3.00
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 7 Jun 2022 23:35

Tot Ion:
Ion Ratio
51 100
67 23.

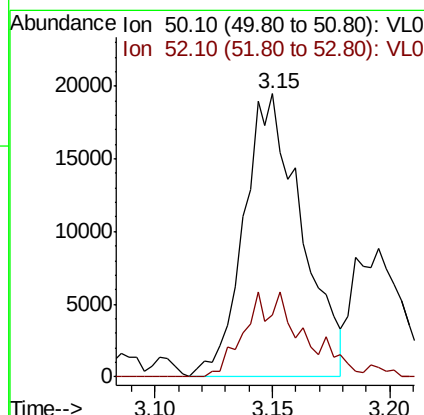
Manual Integrations
APPROVED

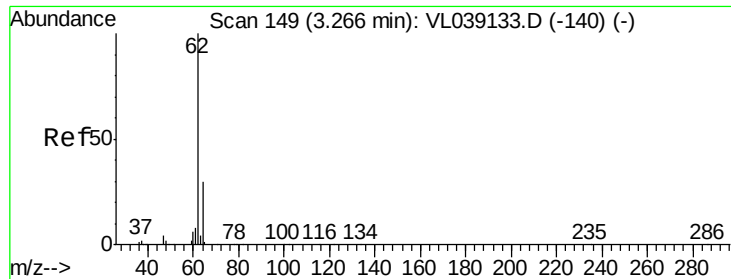
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#4
Chloromethane
Concen: 0.765 ppbv m
RT: 3.15 min Scan# 113
Delta R.T. 0.00 min
Lab File: VL039222.D
Acq: 7 Jun 2022 23:35

Tgt Ion: 50 Resp: 33404
Ion Ratio Lower Upper
50 100
52 21.7 25.9 38.9#





#5

Vinyl Chloride

Concen: 0.740 ppbv

RT: 3.27 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 23:35

Tot Ion:

Ion Ratio

62 100

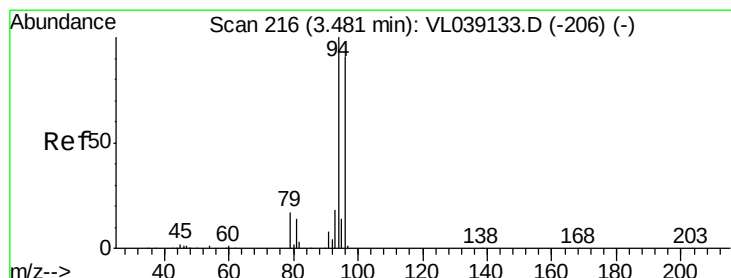
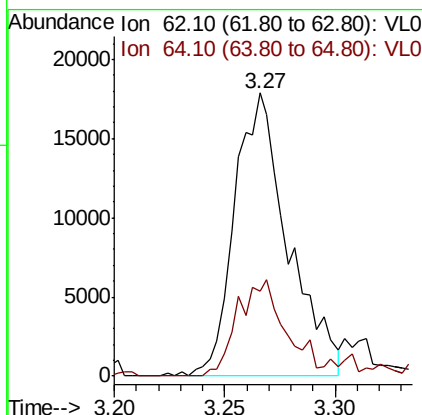
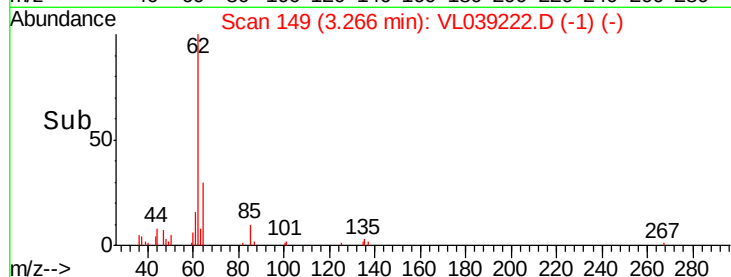
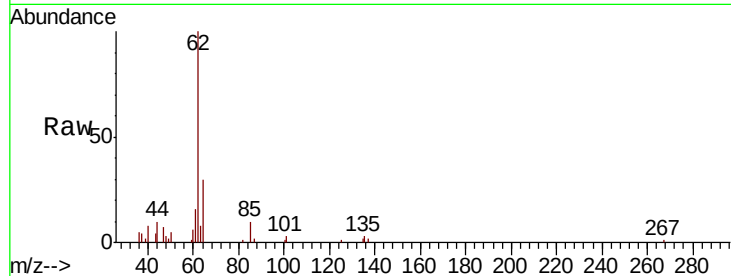
64 29.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#6

Bromomethane

Concen: 0.902 ppbv m

RT: 3.48 min Scan# 216

Delta R.T. 0.00 min

Lab File: VL039222.D

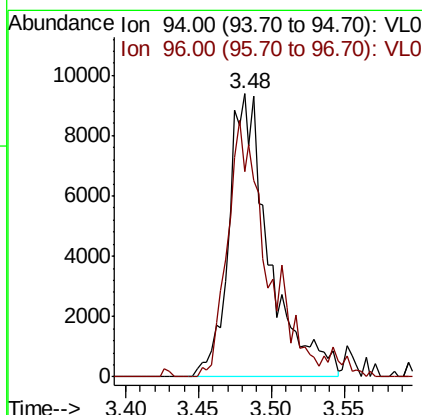
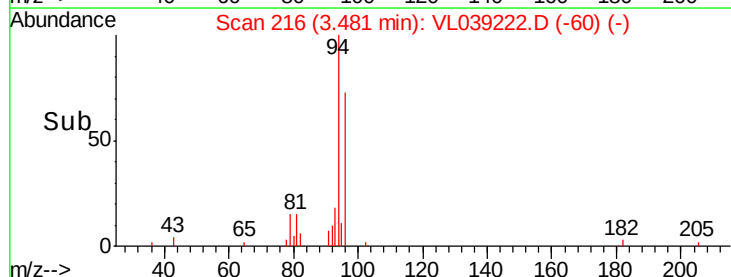
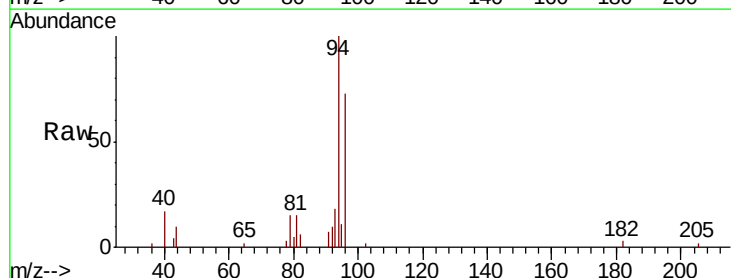
Acq: 7 Jun 2022 23:35

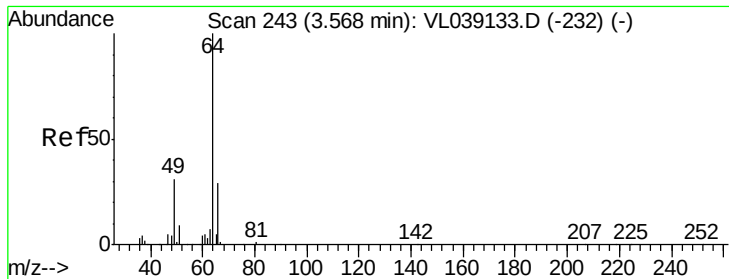
Tgt Ion: 94 Resp: 18119

Ion Ratio Lower Upper

94 100

96 72.5 73.0 109.4#





#7

Chloroethane

Concen: 0.919 ppbv m

RT: 3.57 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 23:35

Tot Ion:

Ion Ratio

64 100

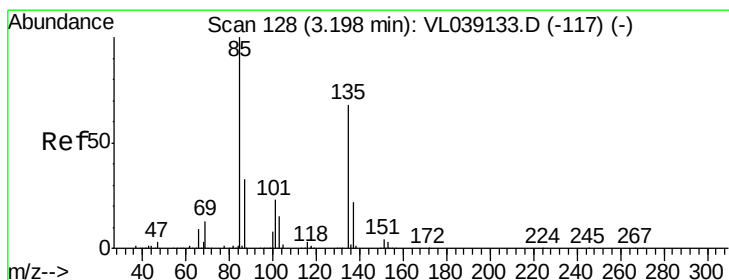
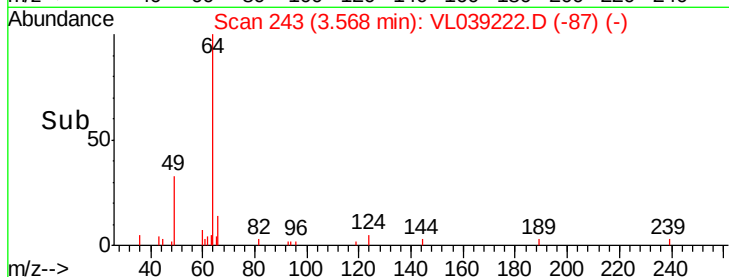
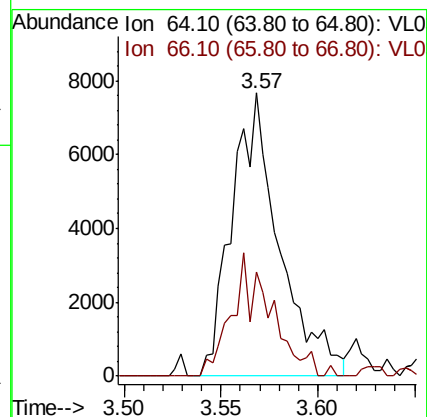
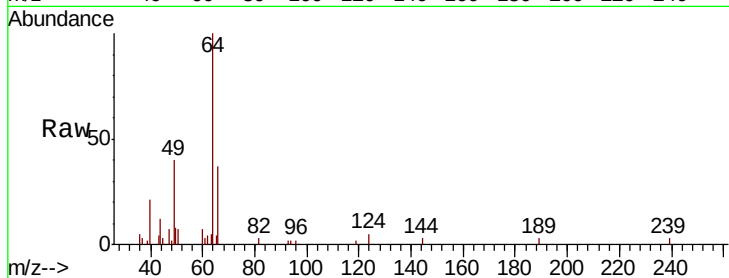
66 37.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#8

Dichlorotetrafluoroethane

Concen: 0.782 ppbv

RT: 3.20 min Scan# 127

Delta R.T. -0.00 min

Lab File: VL039222.D

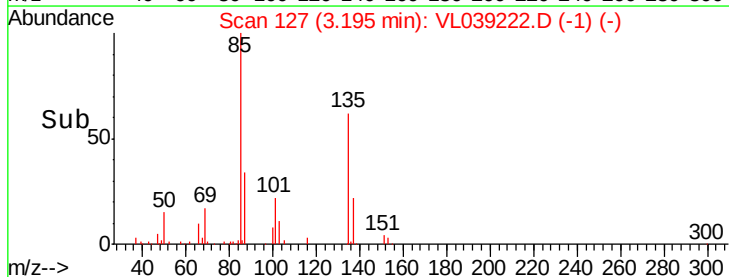
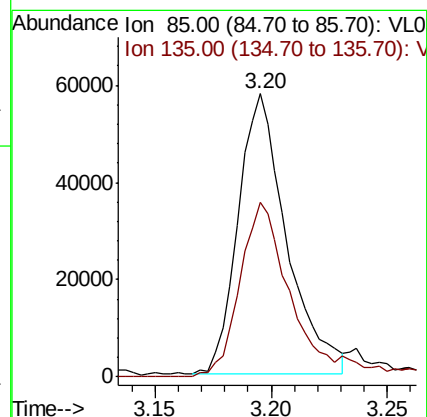
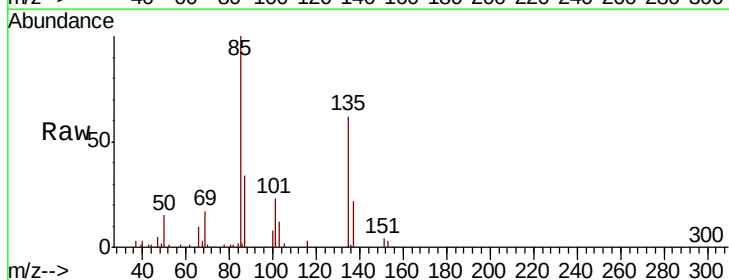
Acq: 7 Jun 2022 23:35

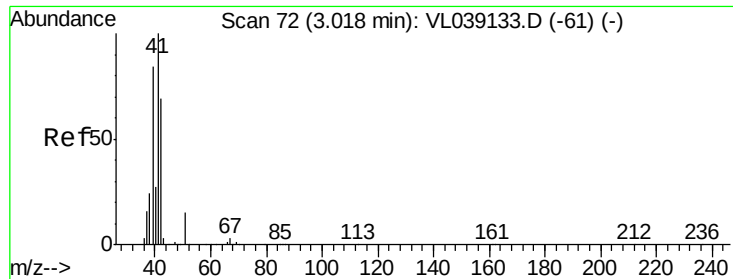
Tgt Ion: 85 Resp: 83886

Ion Ratio Lower Upper

85 100

135 68.7 55.0 82.4





#9

Propene

Concen: 0.640 ppbv m

RT: 3.02 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Jun 2022 23:35

Tot Ion:

Ion Ratio

41 100

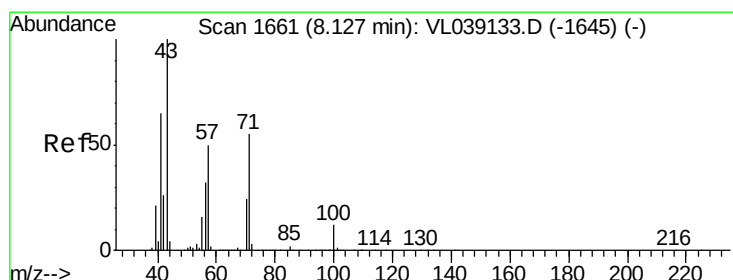
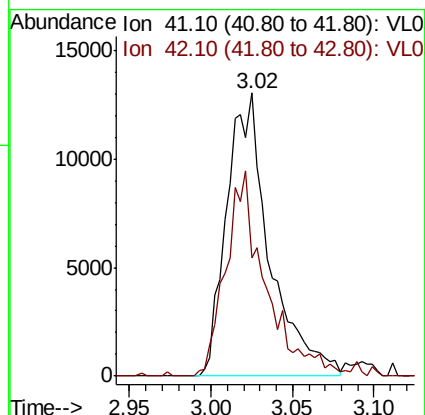
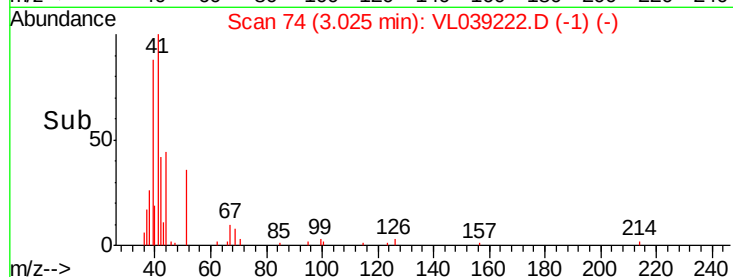
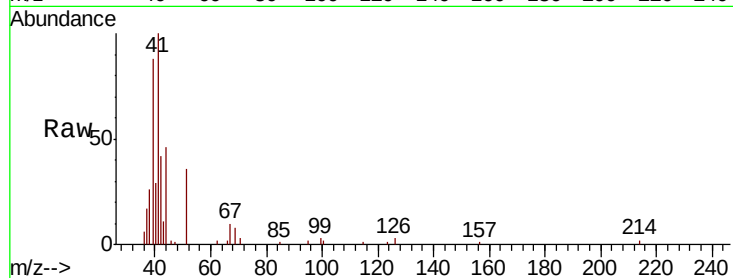
42 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#10

Heptane

Concen: 0.522 ppbv m

RT: 8.13 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VL039222.D

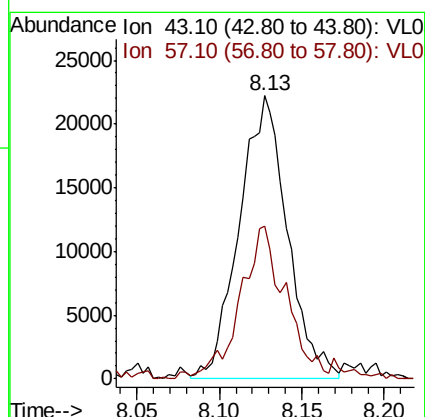
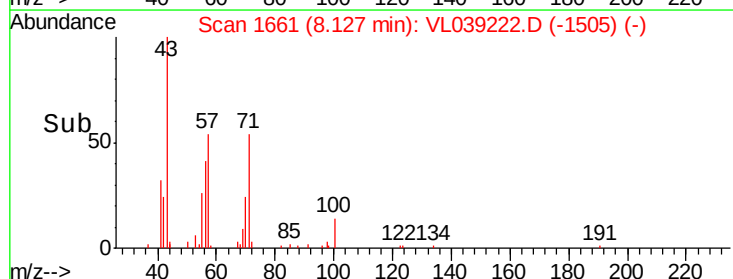
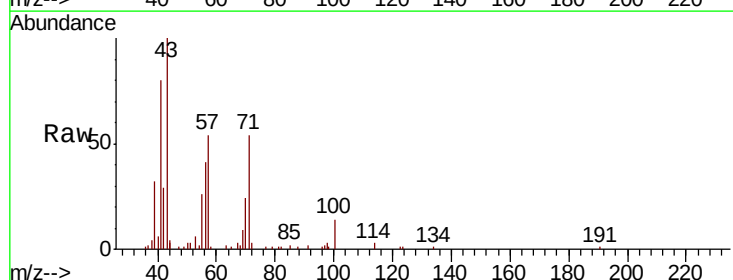
Acq: 7 Jun 2022 23:35

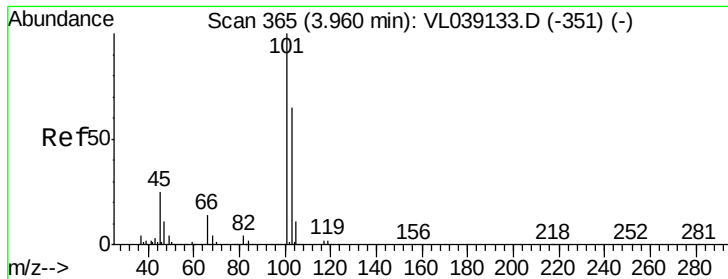
Tgt Ion: 43 Resp: 45123

Ion Ratio Lower Upper

43 100

57 53.7 41.4 62.2



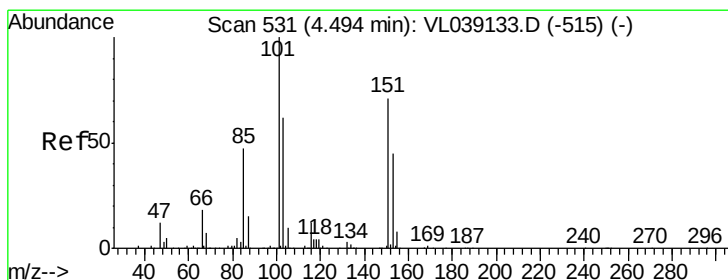
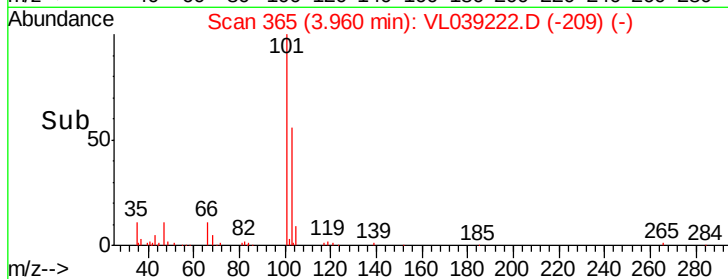
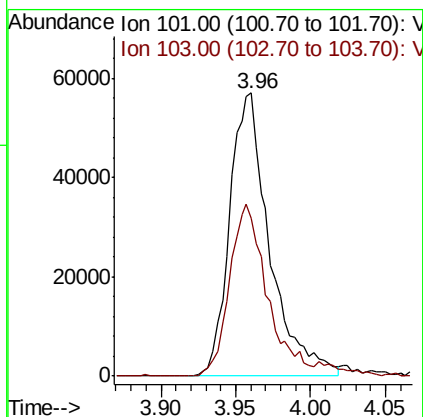
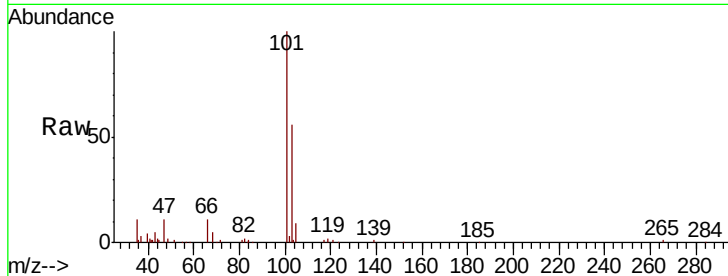


#11
 Trichlorofluoromethane
 Concen: 0.996 ppbv
 RT: 3.96 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 7 Jun 2022 23:35

Tot Ion:1
 Ion Ratio
 101 100
 103 55.

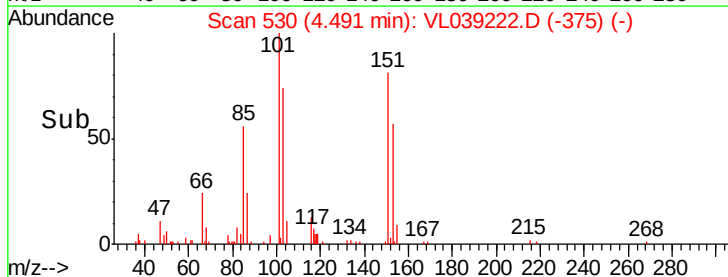
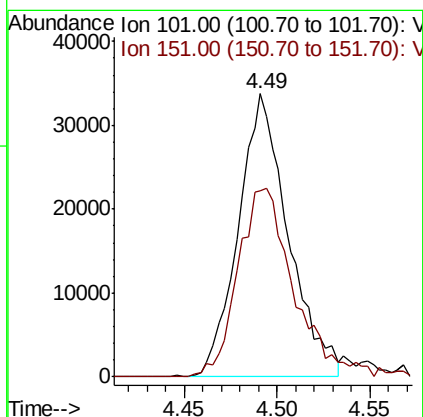
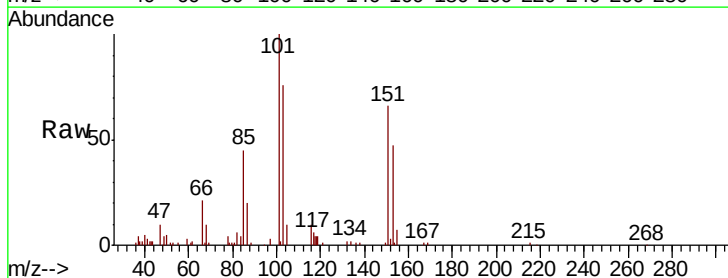
Manual Integrations
 APPROVED

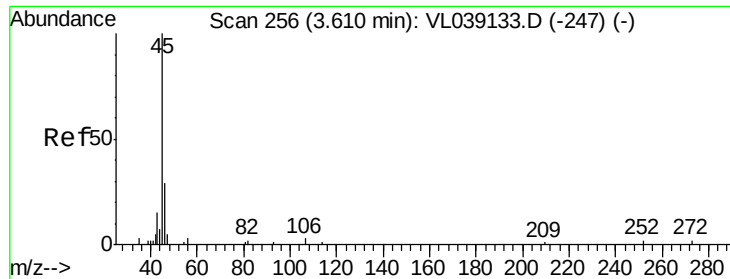
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.899 ppbv
 RT: 4.49 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VL039222.D
 Acq: 7 Jun 2022 23:35

Tgt Ion:101 Resp: 63140
 Ion Ratio Lower Upper
 101 100
 151 75.6 59.4 89.0



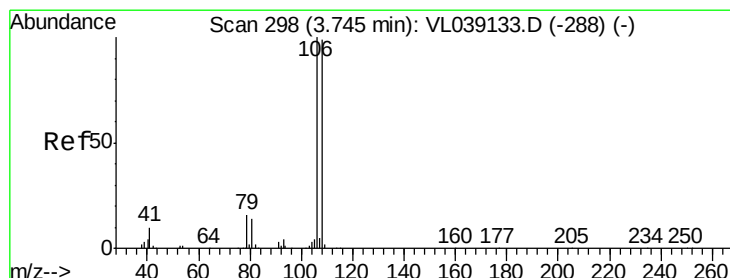
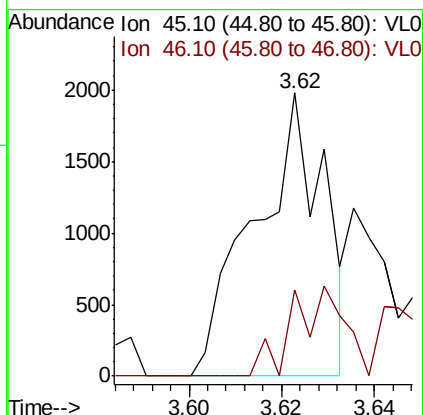
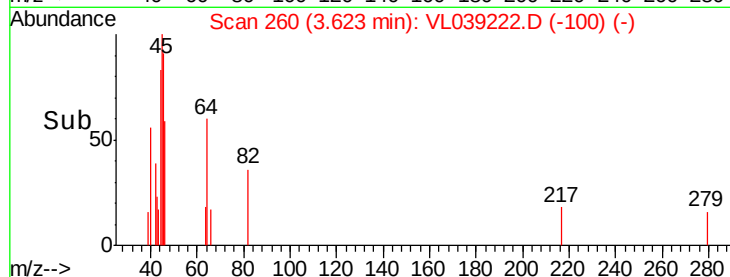
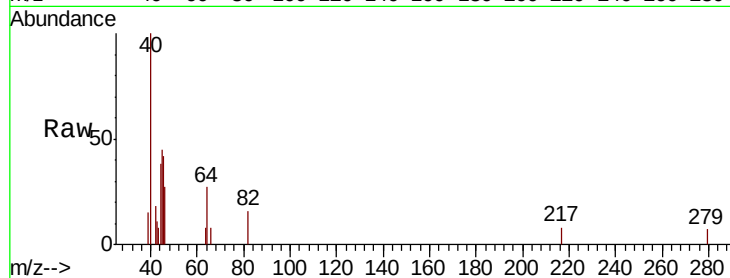


#13
Ethanol
Concen: 1.011 ppbv m
RT: 3.62
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Jun 2022 23:35

Tot Ion:
Ion Ratio
45 100
46 0.

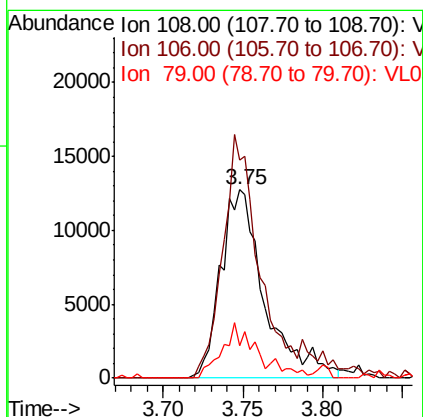
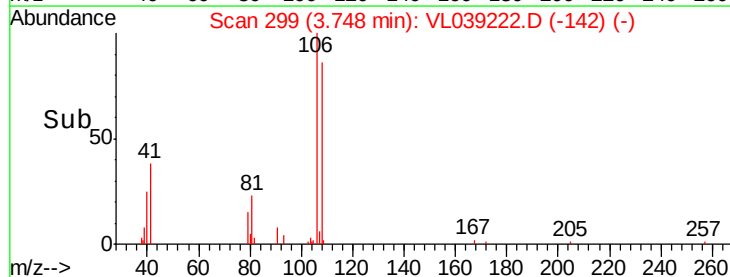
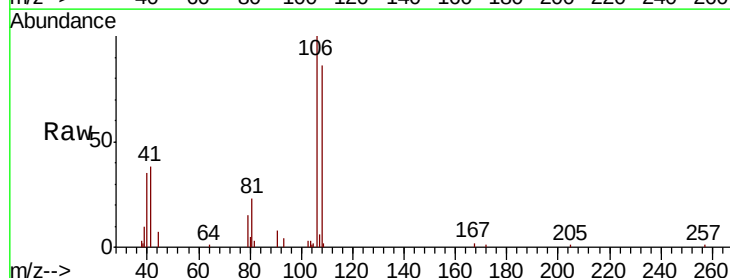
Manual Integrations
APPROVED

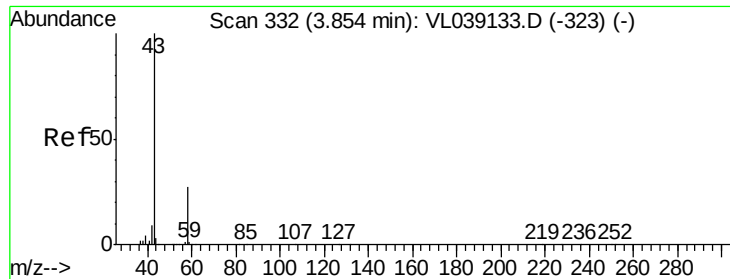
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#14
Bromoethene
Concen: 0.768 ppbv m
RT: 3.75 min Scan# 299
Delta R.T.: 0.00 min
Lab File: VL039222.D
Acq: 7 Jun 2022 23:35

Tgt Ion:108 Resp: 24241
Ion Ratio Lower Upper
108 100
106 0.0 88.4 132.6#
79 0.0 13.4 20.2#



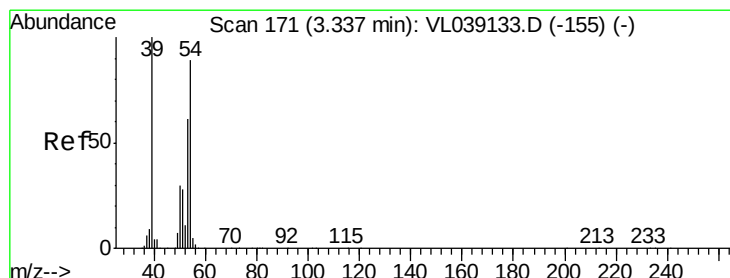
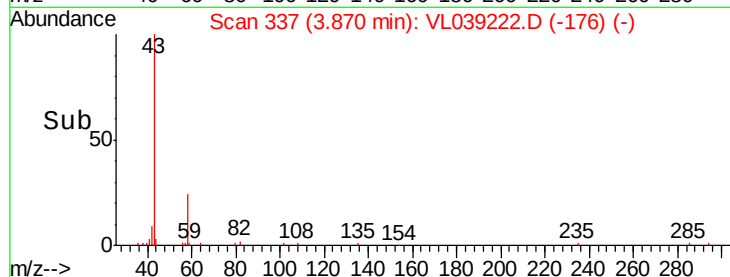
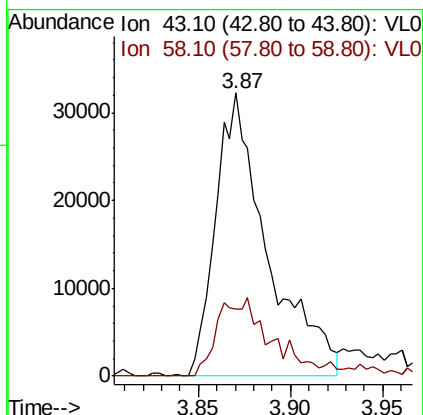
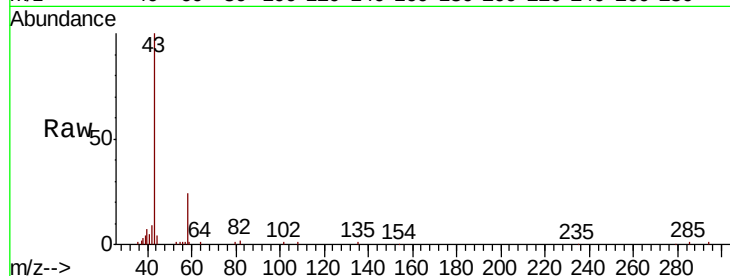


#15
Acetone
Concen: 0.905 ppbv m
RT: 3.87
Instrument: MSVOA_L
Delta R.T.
Lab File: ClientSampleId :
Acq: 7 Jun 2022 23:35

Tot Ion:
Ion Ratio
43 100
58 31.

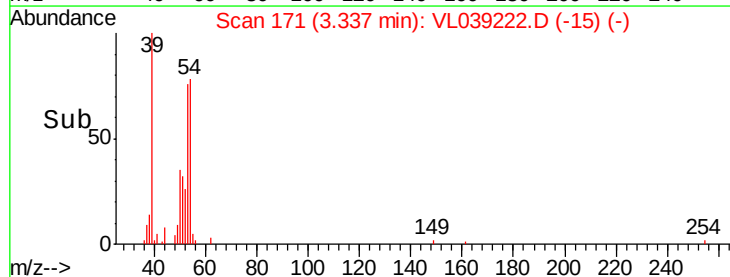
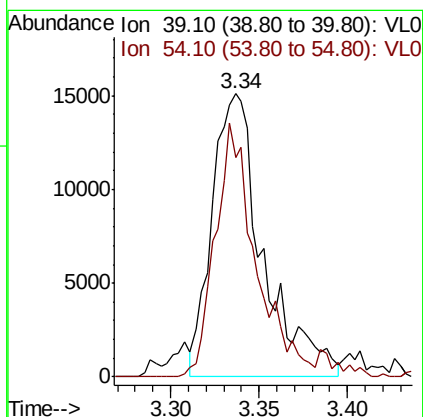
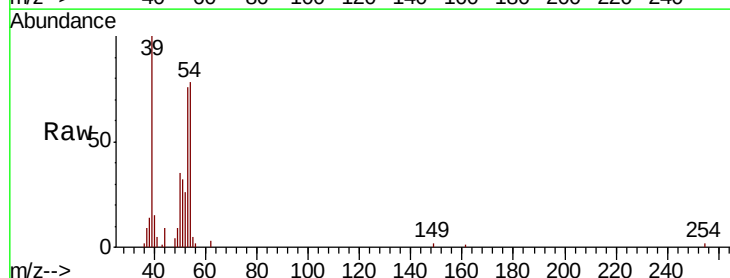
Manual Integrations
APPROVED

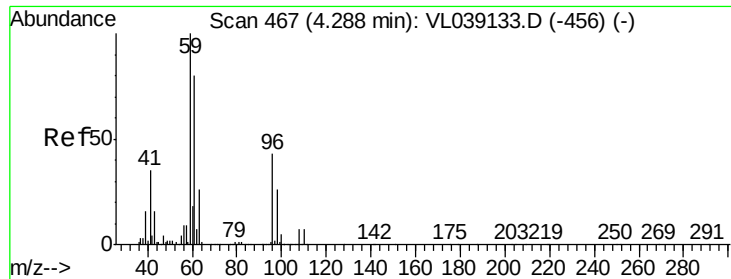
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#16
1,3-Butadiene
Concen: 0.807 ppbv m
RT: 3.34 min Scan# 171
Delta R.T. 0.00 min
Lab File: VL039222.D
Acq: 7 Jun 2022 23:35

Tgt Ion: 39 Resp: 30196
Ion Ratio Lower Upper
39 100
54 75.5 65.8 98.6



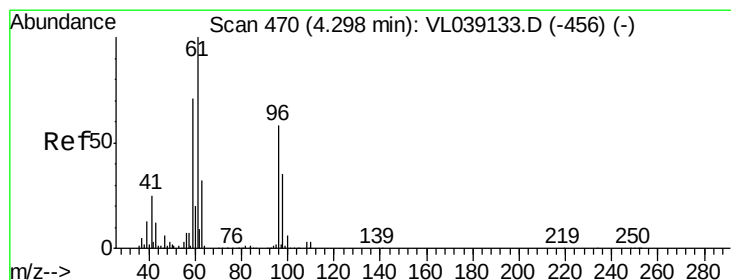
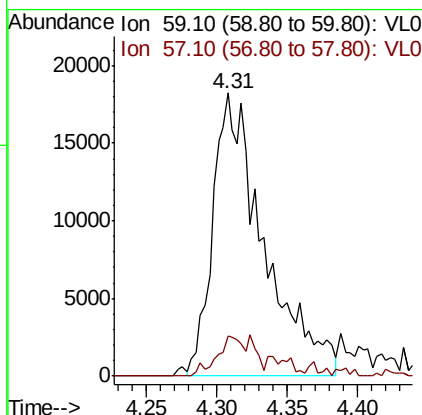
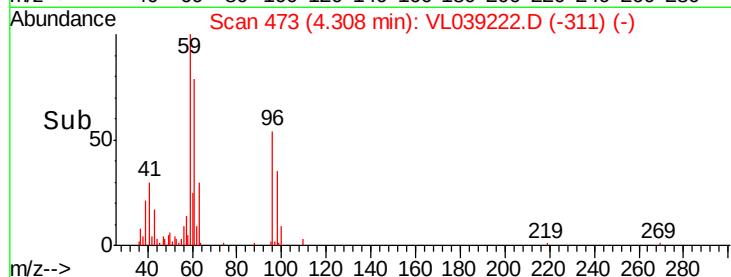
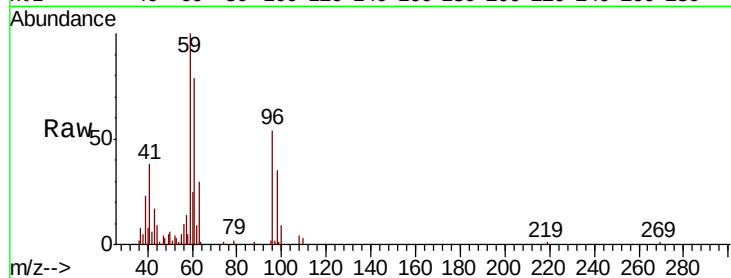


#17
 tert-Butyl alcohol
 Concen: 0.852 ppbv m
 RT: 4.31
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 7 Jun 2022 23:35

Tot Ion:
 Ion Ratio
 59 100
 57 0.

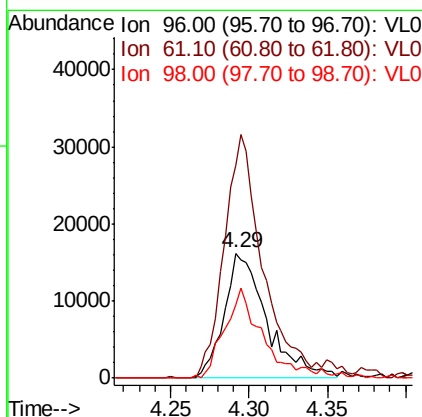
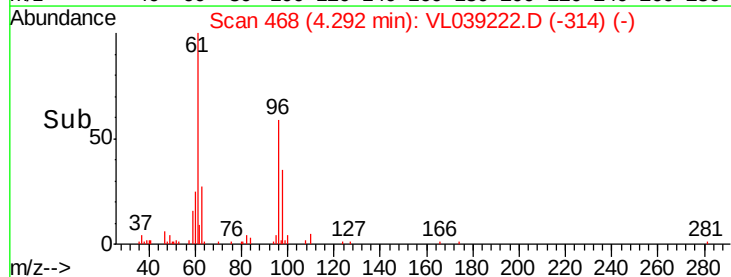
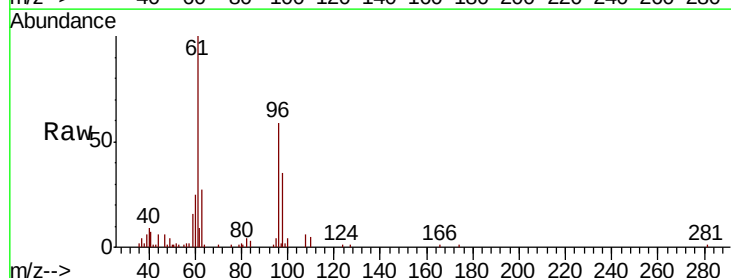
Manual Integrations
 APPROVED

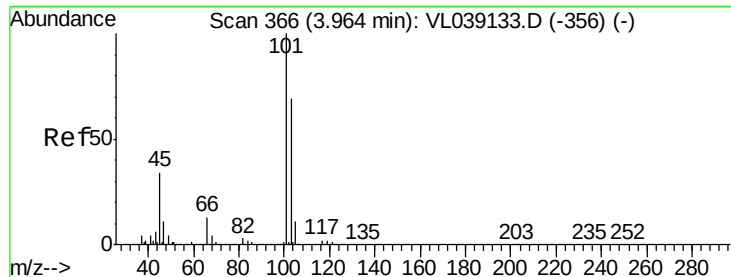
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#18
 1,1-Dichloroethene
 Concen: 0.963 ppbv m
 RT: 4.29 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: VL039222.D
 Acq: 7 Jun 2022 23:35

Tgt Ion: 96 Resp: 30334
 Ion Ratio Lower Upper
 96 100
 61 170.2 138.4 207.6
 98 59.2 47.8 71.8





#19

Isopropyl Alcohol

Concen: 0.739 ppbv m

RT: 4.00

Delta R.T. MSVOA_L

Lab File:

Acq: 7 Jun 2022 23:35

ClientSampleId :

LOQ-AIR-02-OT2-2022

Tot Ion:

Ion Ratio

45 100

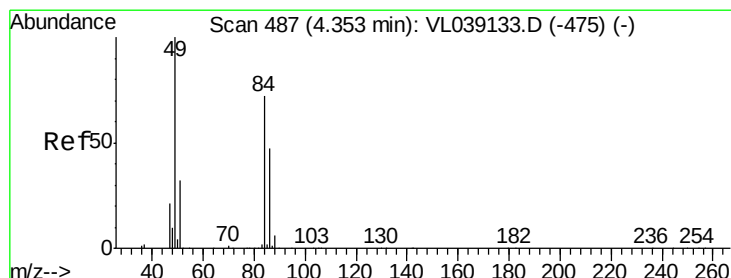
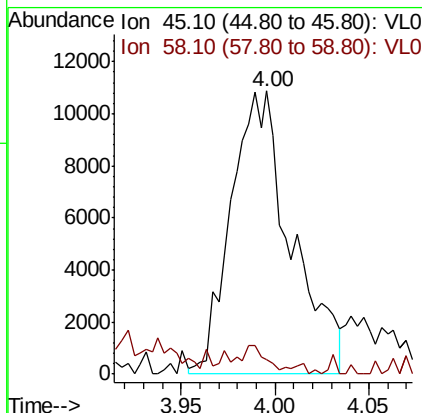
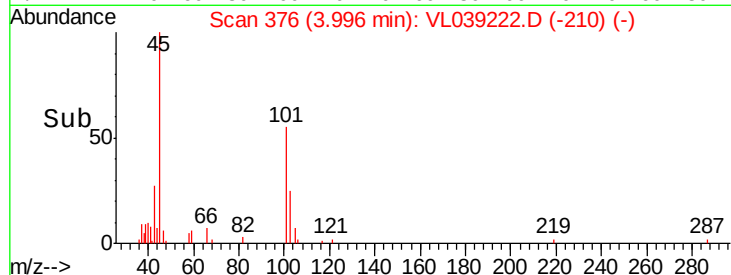
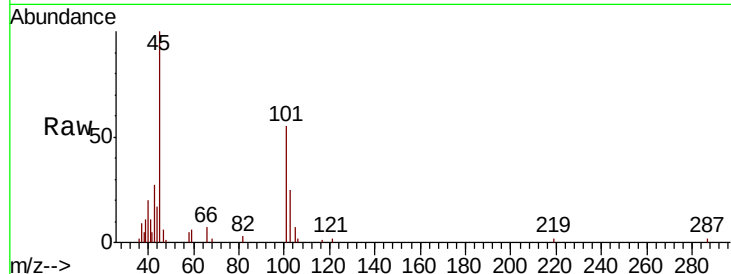
58 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#20

Methylene Chloride

Concen: 1.099 ppbv m

RT: 4.35 min Scan# 485

Delta R.T. -0.01 min

Lab File: VL039222.D

Acq: 7 Jun 2022 23:35

Tgt Ion: 84 Resp: 32248

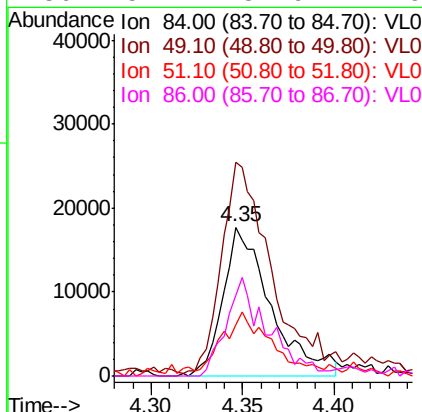
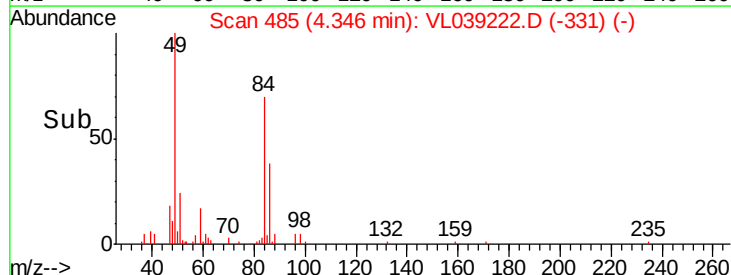
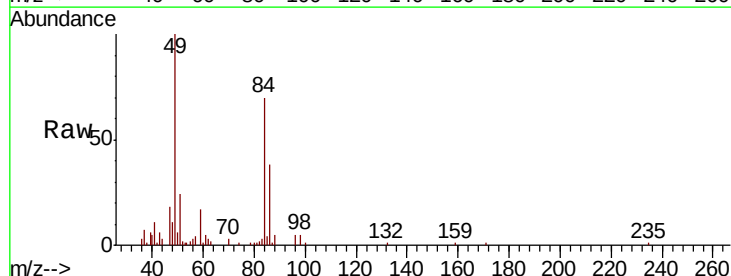
Ion Ratio Lower Upper

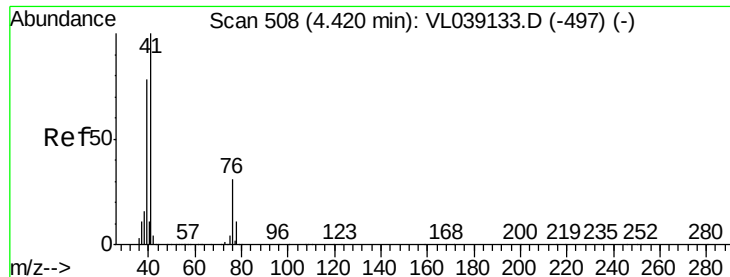
84 100

49 143.8 111.1 166.7

51 34.7 35.3 52.9#

86 54.2 51.9 77.9



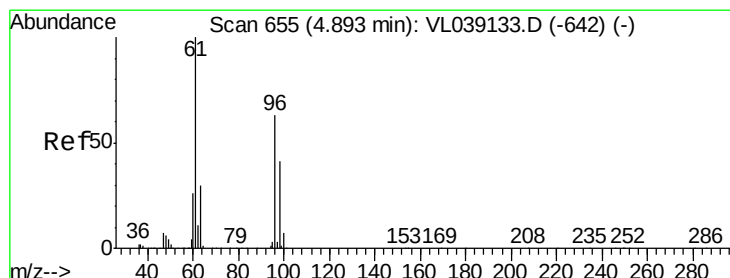
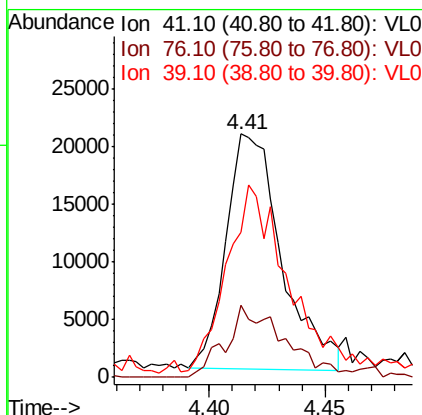
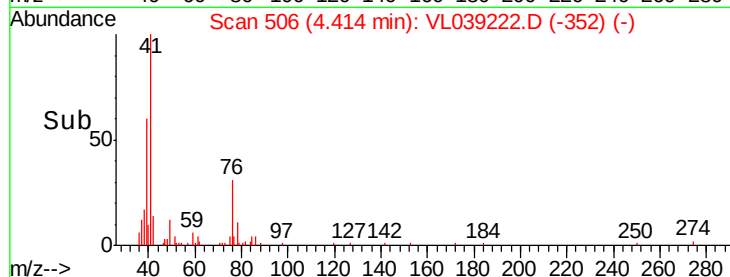
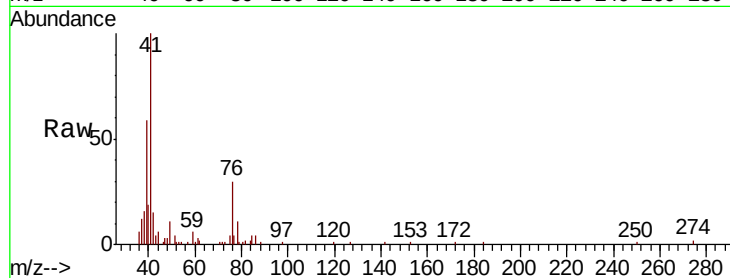


#21
 Allvl Chloride
 Concen: 0.723 ppbv
 RT: 4.41
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Jun 2022 23:35

Tot Ion:
 Ion Ratio
 41 100
 76 34.
 39 96.

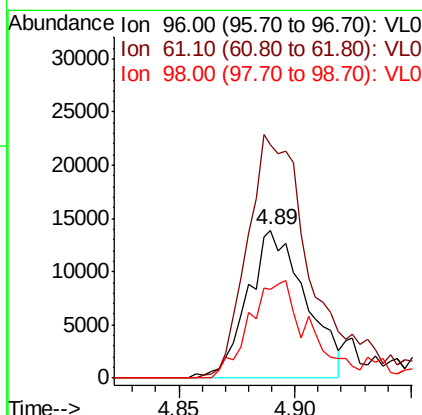
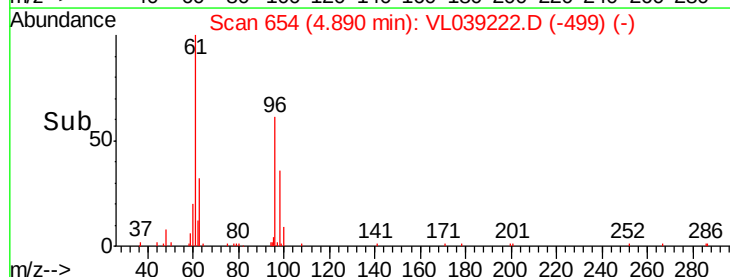
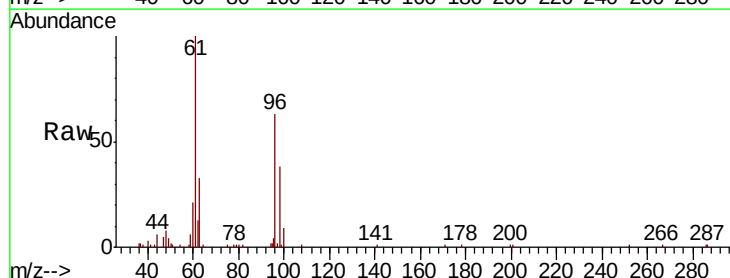
Manual Integrations
 APPROVED

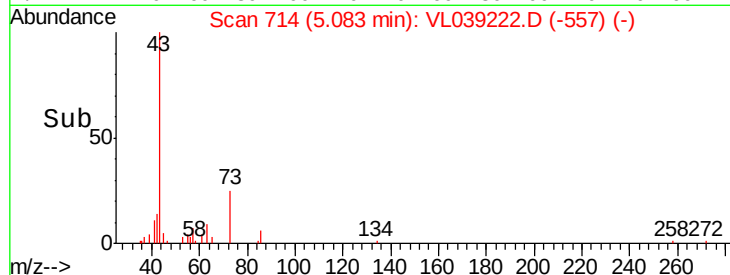
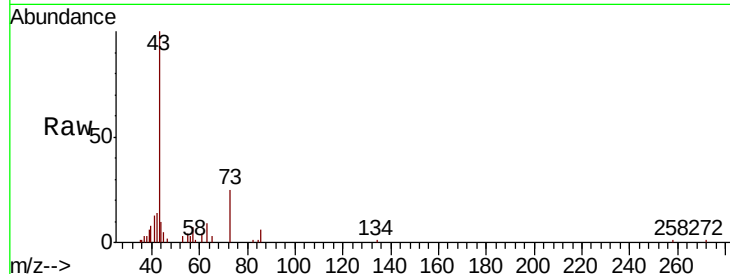
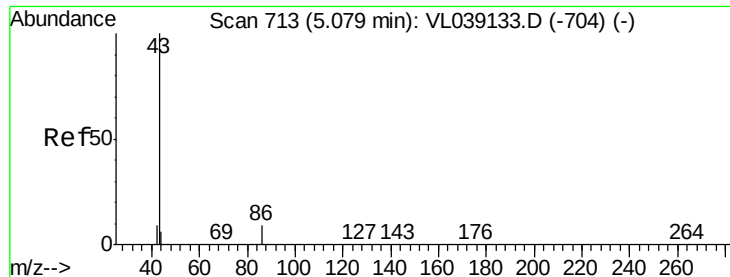
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#22
 trans-1,2-Dichloroethene
 Concen: 0.796 ppbv
 RT: 4.89 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: VL039222.D
 Acq: 7 Jun 2022 23:35

Tgt Ion: 96 Resp: 24133
 Ion Ratio Lower Upper
 96 100
 61 157.9 126.6 190.0
 98 59.9 52.5 78.7



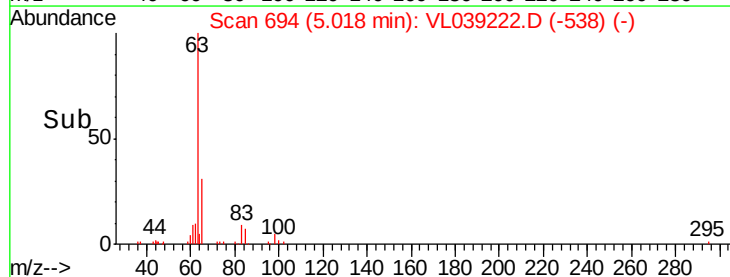
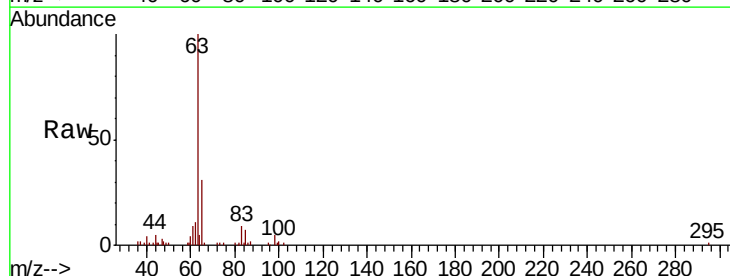
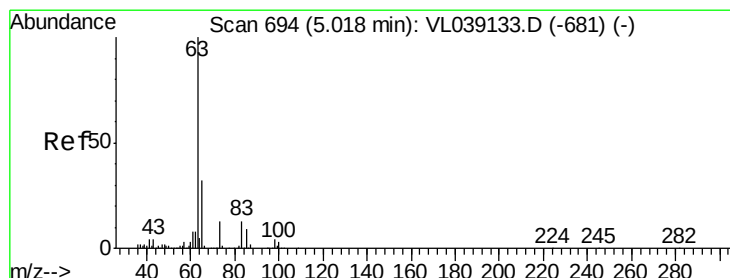
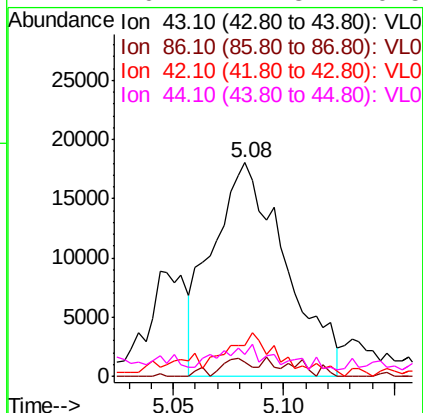


#23
 Vinyl Acetate
 Concen: 0.720 ppbv m
 RT: 5.08
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 7 Jun 2022 23:35

Tot Ion:
 Ion Ratio
 43 100
 86 6.
 42 14.
 44 10.2 4.3 6.5#

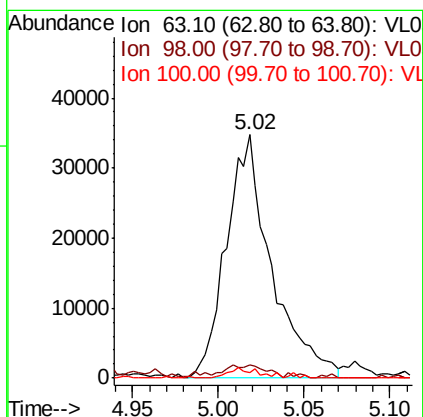
Manual Integrations
 APPROVED

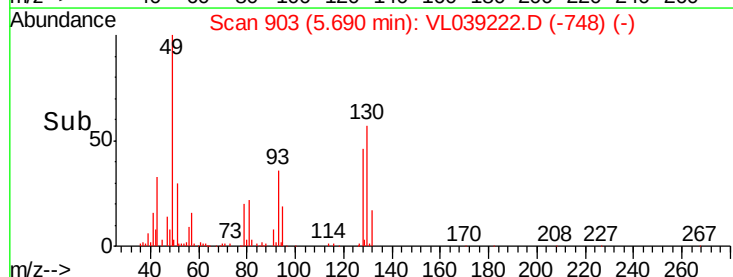
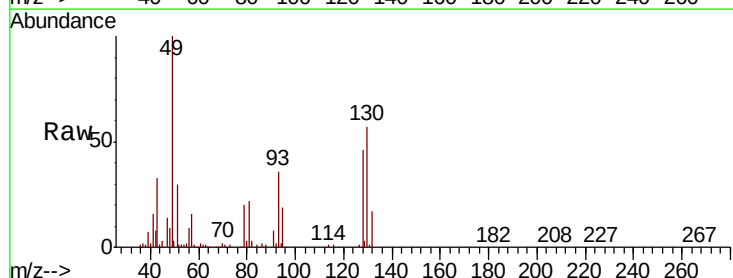
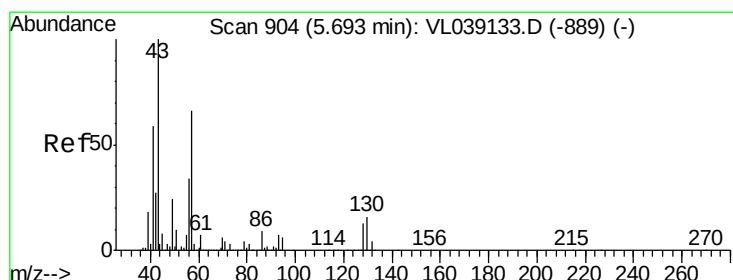
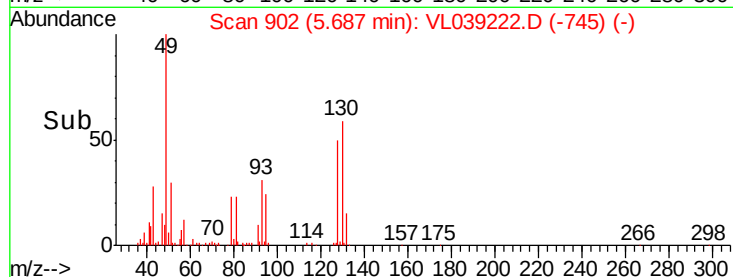
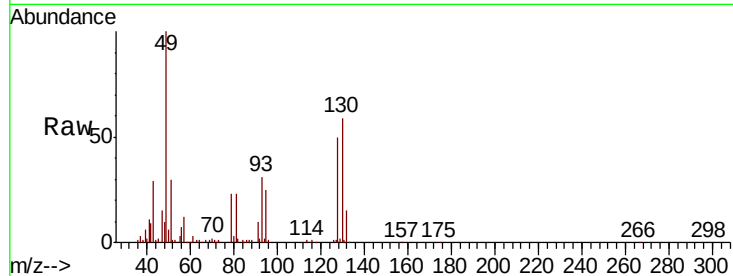
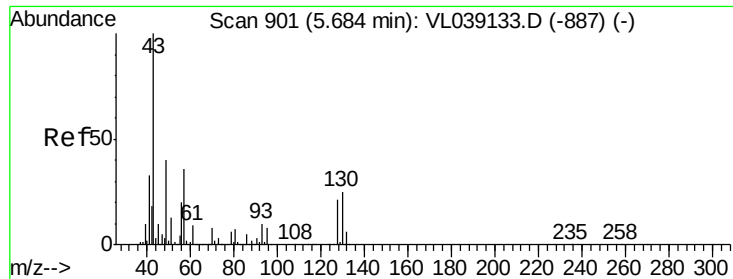
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#24
 1,1-Dichloroethane
 Concen: 0.804 ppbv
 RT: 5.02 min Scan# 694
 Delta R.T. 0.00 min
 Lab File: VL039222.D
 Acq: 7 Jun 2022 23:35

Tgt Ion: 63 Resp: 63456
 Ion Ratio Lower Upper
 63 100
 98 5.5 2.1 6.2
 100 2.5 1.5 4.5



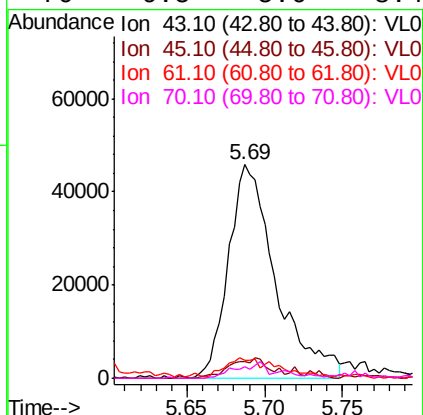


#25
Ethyl Acetate
Concen: 0.619 ppbv m
RT: 5.69
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Jun 2022 23:35

Tot Ion:
Ion Ratio
43 100
45 9.
61 12.
70 6.5 5.6 8.4

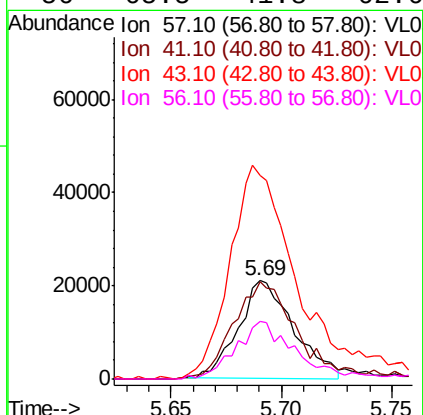
Manual Integrations
APPROVED

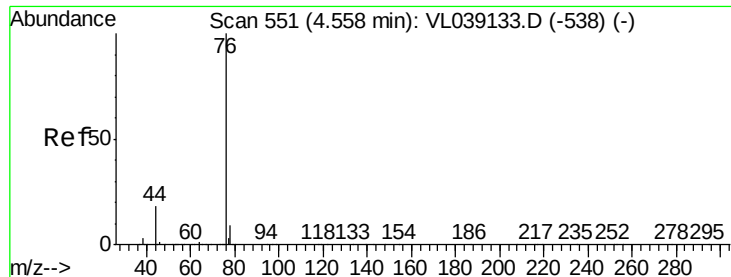
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#26
Hexane
Concen: 0.534 ppbv
RT: 5.69 min Scan# 903
Delta R.T. -0.00 min
Lab File: VL039222.D
Acq: 7 Jun 2022 23:35

Tgt Ion: 57 Resp: 36789
Ion Ratio Lower Upper
57 100
41 120.7 72.4 108.6#
43 288.3 187.0 280.6#
56 65.5 41.8 62.6#



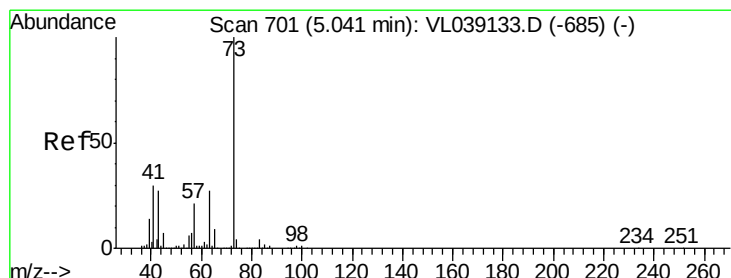
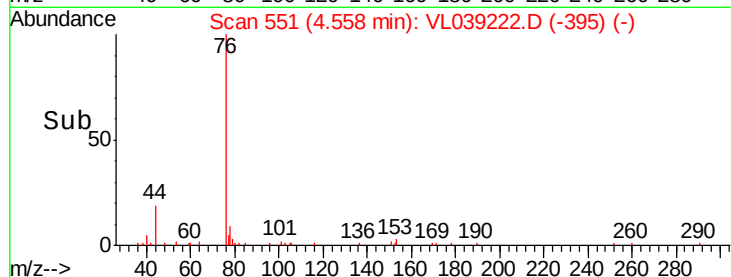
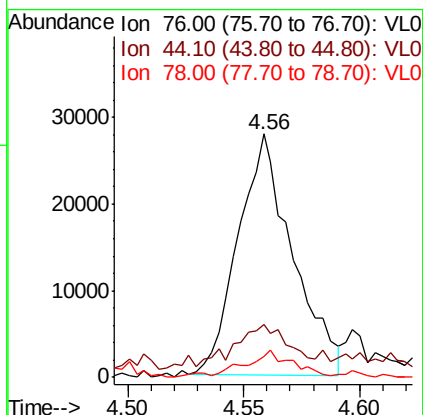
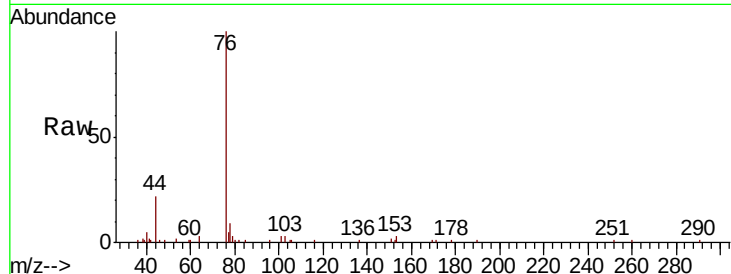


#27
Carbon Disulfide
Concen: 0.636 ppbv
RT: 4.56
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 7 Jun 2022 23:35

Tot Ion:
Ion Ratio
76 100
44 18.
78 11.

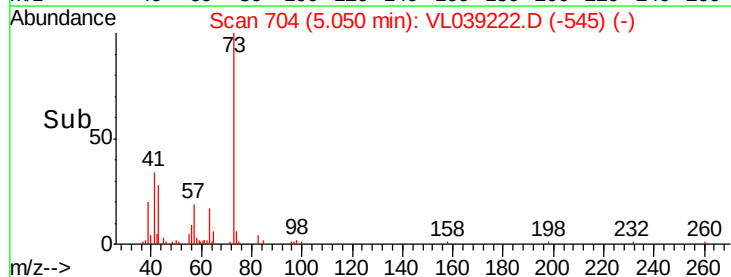
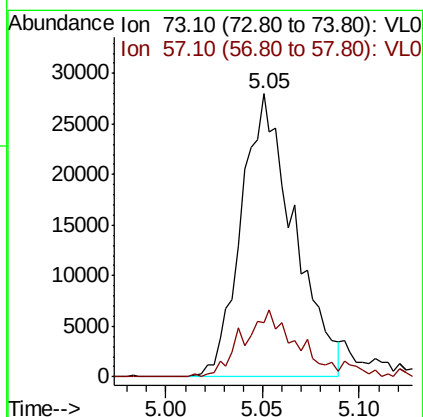
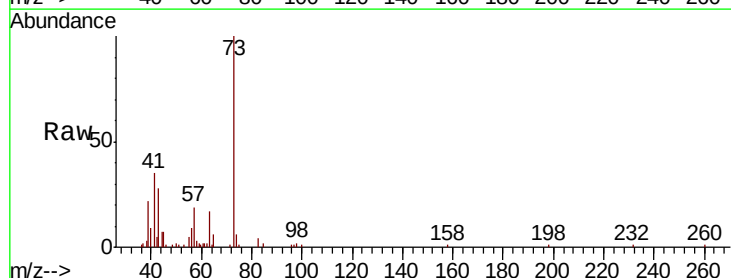
Manual Integrations
APPROVED

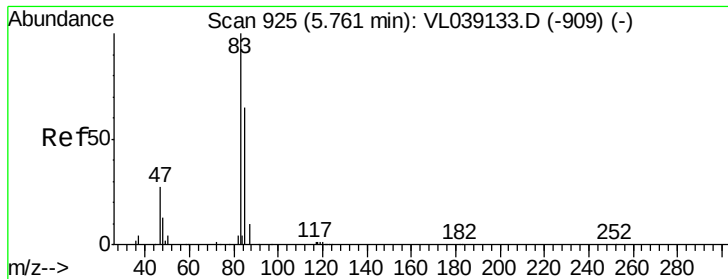
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#28
Methyl tert-Butyl Ether
Concen: 0.697 ppbv
RT: 5.05 min Scan# 704
Delta R.T. 0.01 min
Lab File: VL039222.D
Acq: 7 Jun 2022 23:35

Tgt Ion: 73 Resp: 53042
Ion Ratio Lower Upper
73 100
57 26.3 18.6 27.8



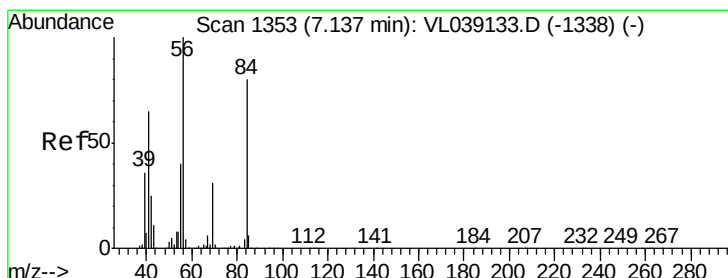
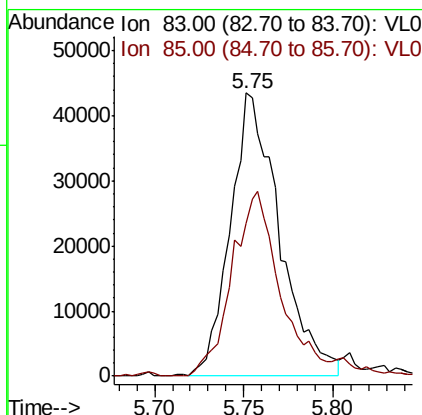
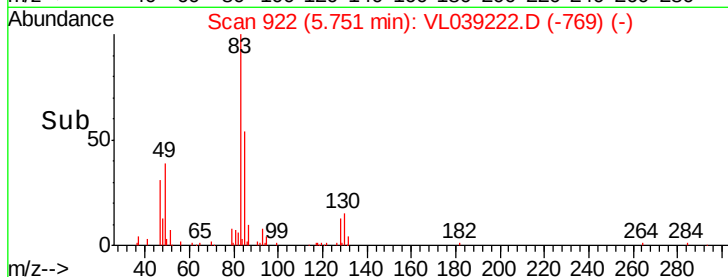
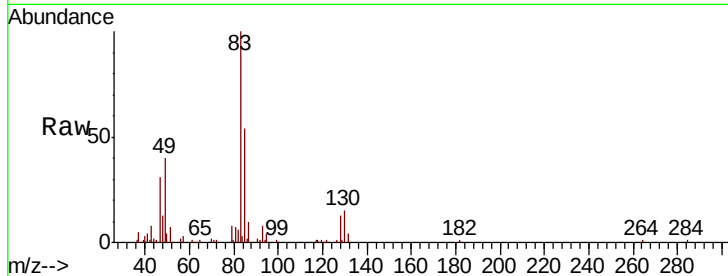


#29
Chloroform
Concen: 0.717 ppbv
RT: 5.75
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Jun 2022 23:35

Tot Ion:
Ion Ratio
83 100
85 54.

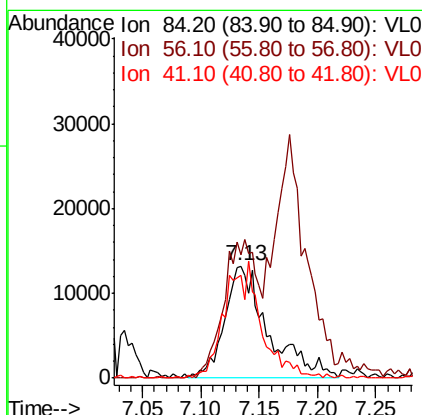
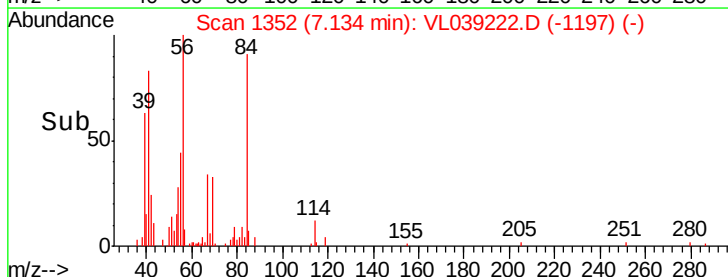
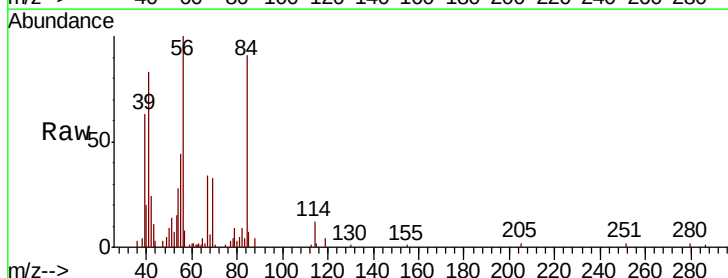
Manual Integrations
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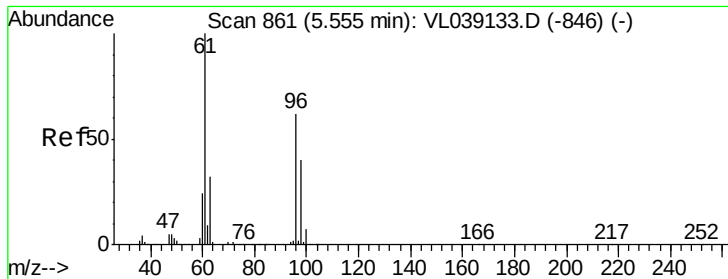
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#30
Cyclohexane
Concen: 0.593 ppbv m
RT: 7.13 min Scan# 1352
Delta R.T. -0.00 min
Lab File: VL039222.D
Acq: 7 Jun 2022 23:35

Tgt Ion: 84 Resp: 34353
Ion Ratio Lower Upper
84 100
56 0.0 110.6 165.8#
41 0.0 68.9 103.3#



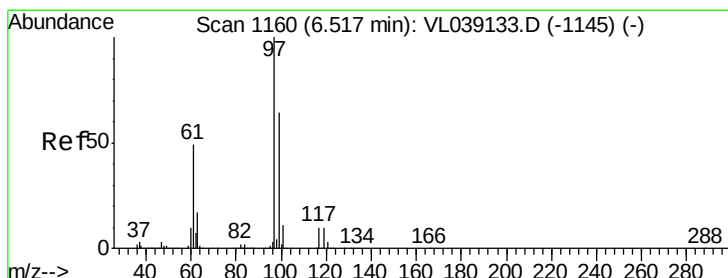
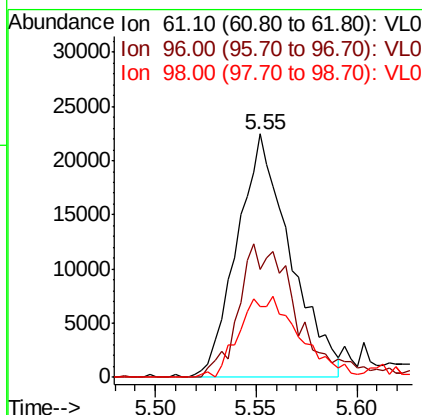
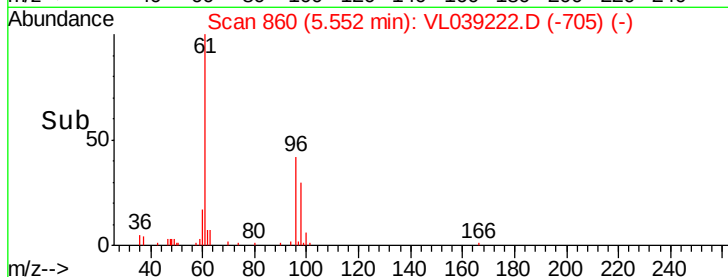
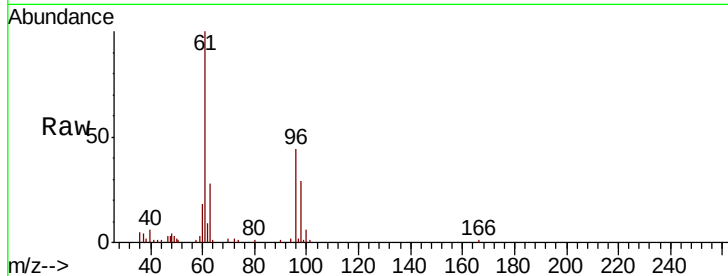


#31
 cis-1,2-Dichloroethene
 Concen: 0.590 ppbv
 RT: 5.55
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Jun 2022 23:35

Tot Ion:
 Ion Ratio
 61 100
 96 44.
 98 28.

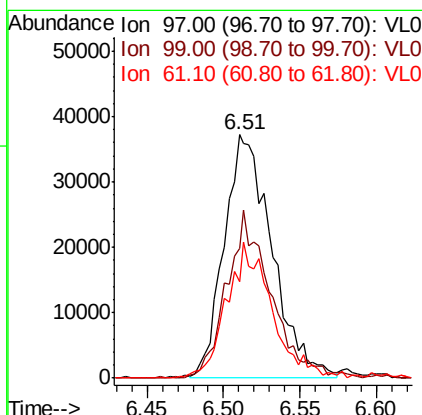
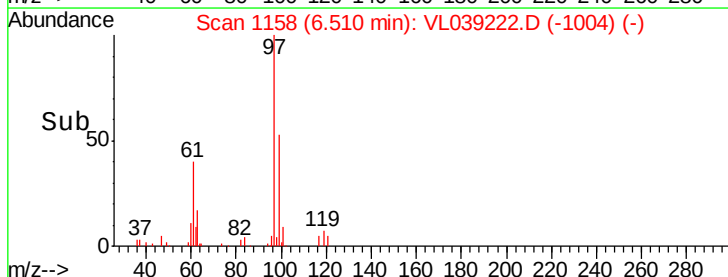
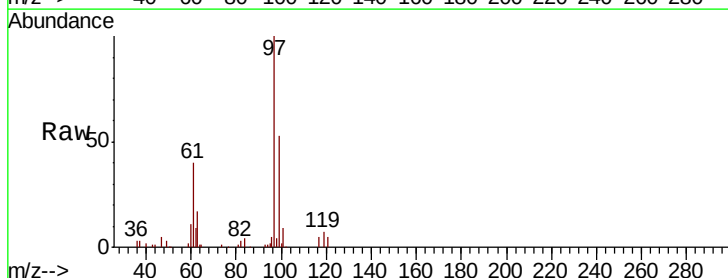
Manual Integrations
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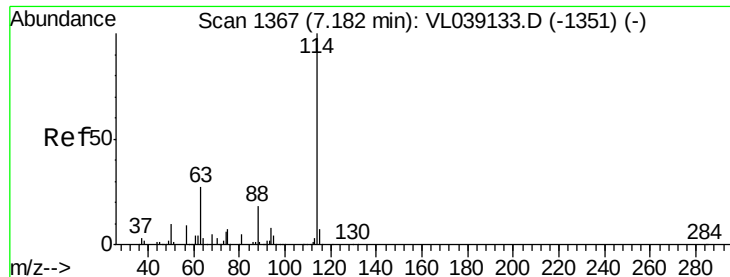
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#32
 1,1,1-Trichloroethane
 Concen: 0.715 ppbv m
 RT: 6.51 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: VL039222.D
 Acq: 7 Jun 2022 23:35

Tgt Ion: 97 Resp: 81148
 Ion Ratio Lower Upper
 97 100
 99 63.6 52.1 78.1
 61 52.3 40.0 60.0



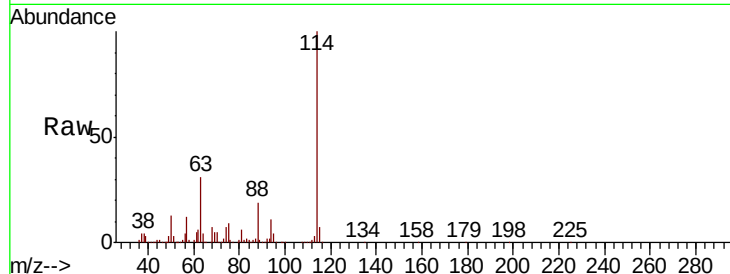


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Jun 2022 23:35

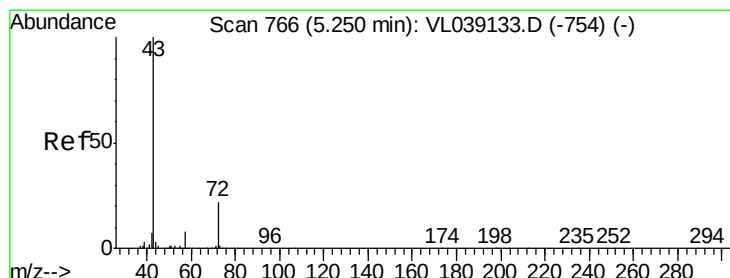
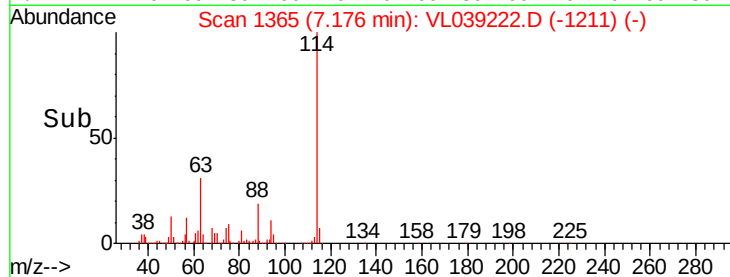
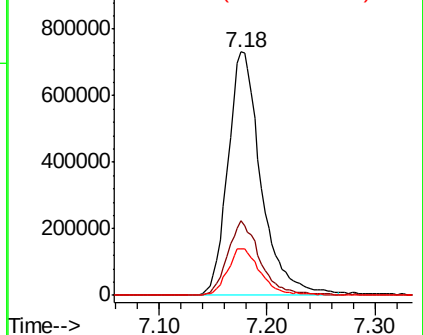
Tot Ion:1
 Ion Rati
 114 100
 63 30.
 88 19.

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

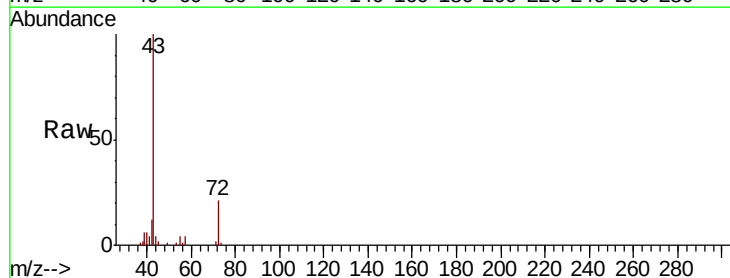


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

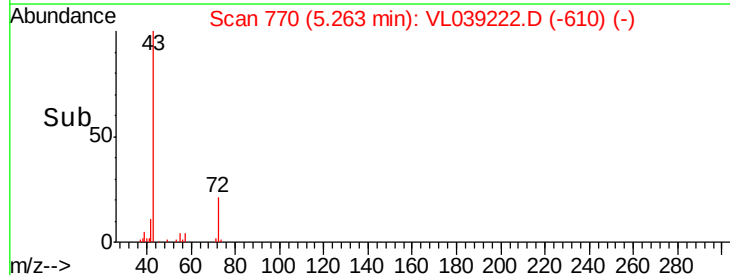
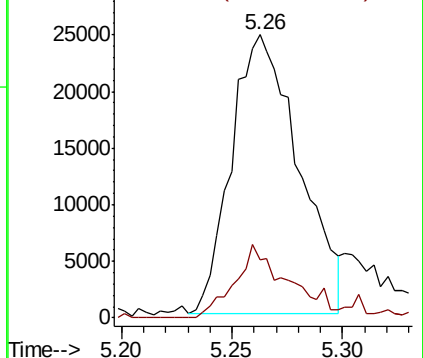


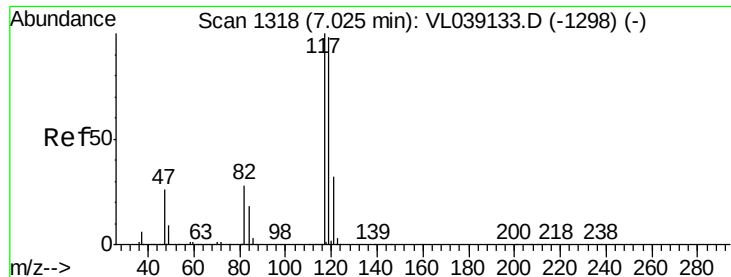
#34
 2-Butanone
 Concen: 0.612 ppbv
 RT: 5.26 min Scan# 770
 Delta R.T. 0.01 min
 Lab File: VL039222.D
 Acq: 7 Jun 2022 23:35

Tgt Ion: 43 Resp: 52189
 Ion Ratio Lower Upper
 43 100
 72 23.7 18.2 27.2



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



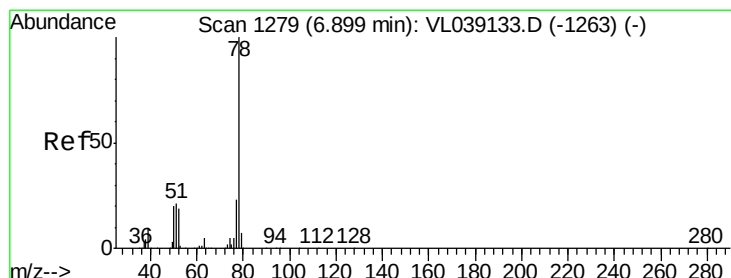
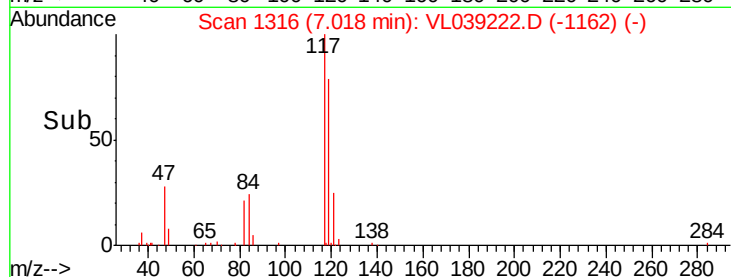
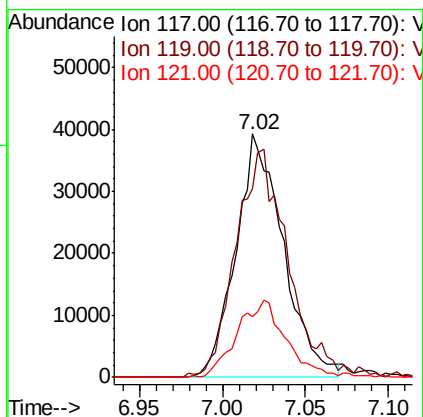
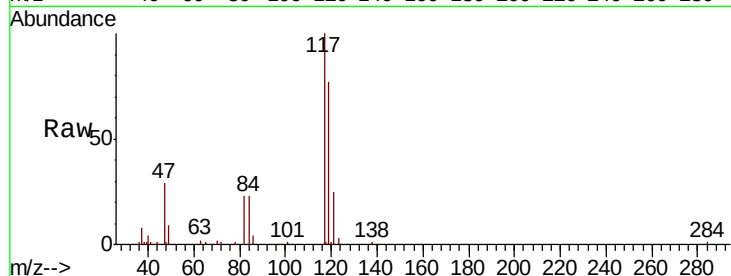


#35
Carbon Tetrachloride
Concen: 0.684 ppbv
RT: 7.02
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Jun 2022 23:35

Tot Ion:1
Ion Rati
117 100
119 75.
121 24.

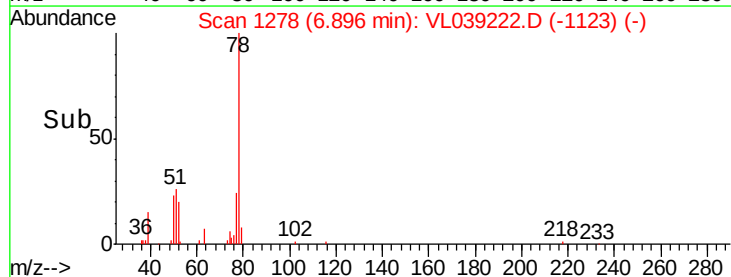
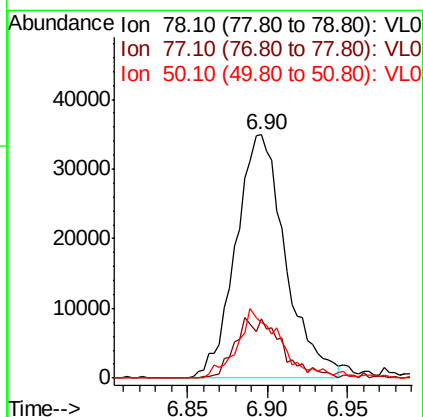
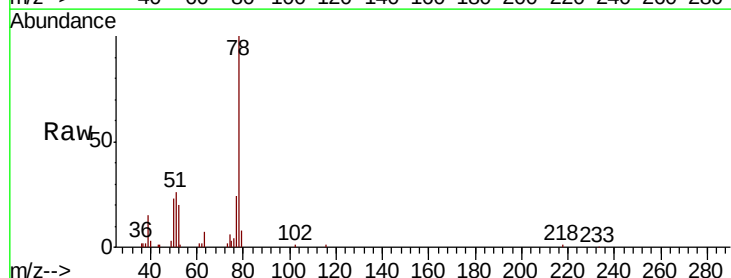
Manual Integrations
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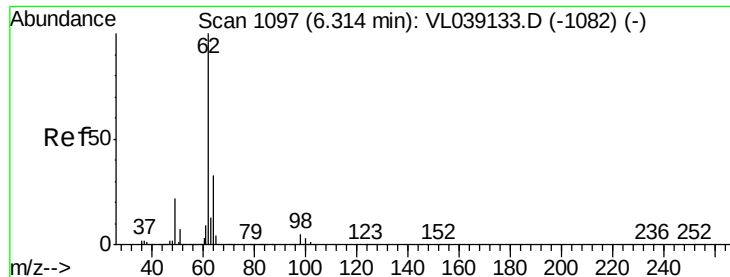
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#36
Benzene
Concen: 0.580 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. -0.00 min
Lab File: VL039222.D
Acq: 7 Jun 2022 23:35

Tgt Ion: 78 Resp: 73958
Ion Ratio Lower Upper
78 100
77 24.4 18.6 27.8
50 22.7 15.8 23.8



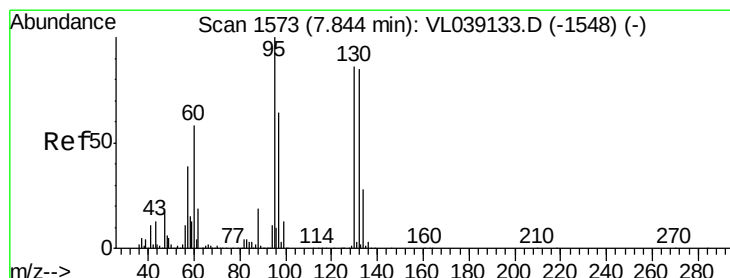
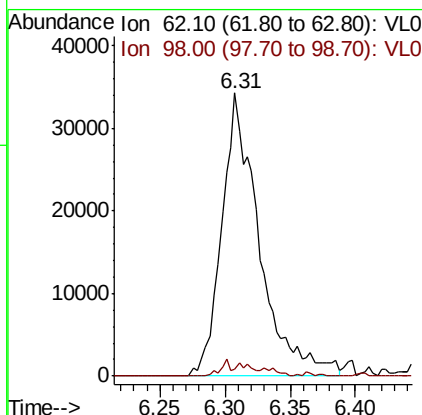
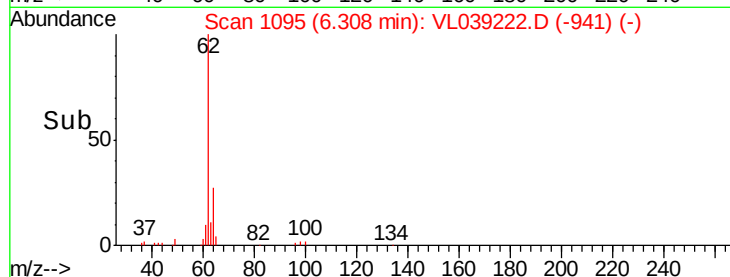
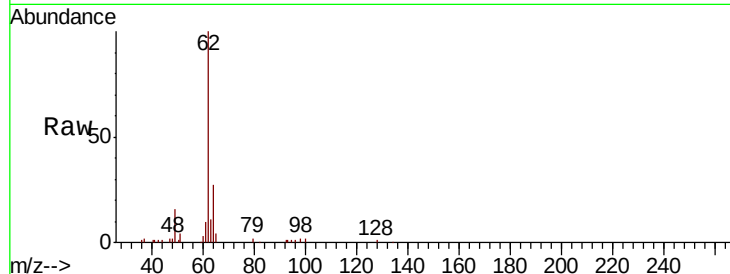


#37
 1,2-Dichloroethane
 Concen: 0.815 ppbv m
 RT: 6.31 Instrument : MSVOA_1
 Delta R.T. :
 Lab File: ClientSampleId :
 Acq: 7 Jun 2022 23:35

Tot Ion:
 Ion Ratio
 62 100
 98 4.

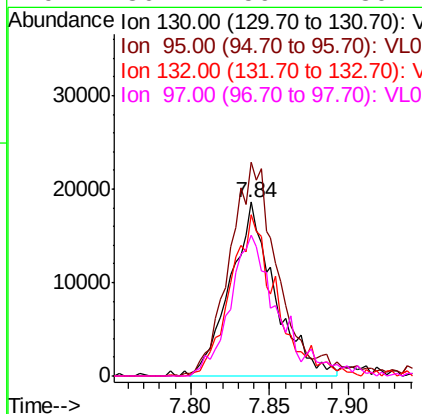
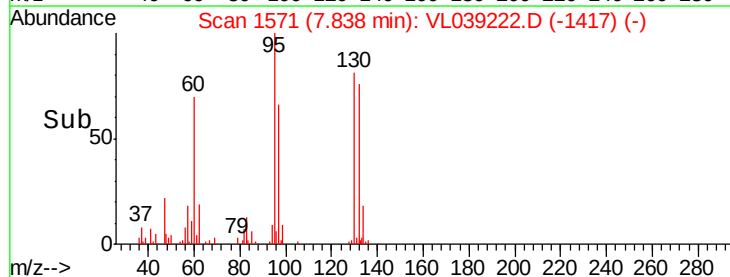
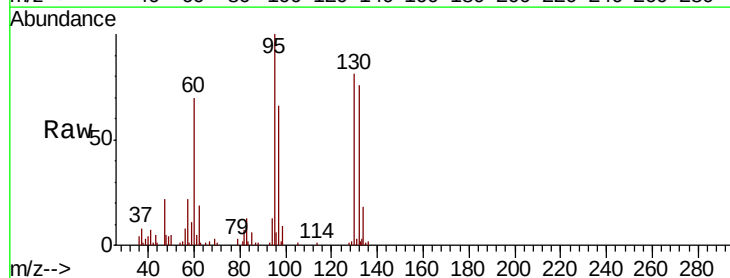
Manual Integrations
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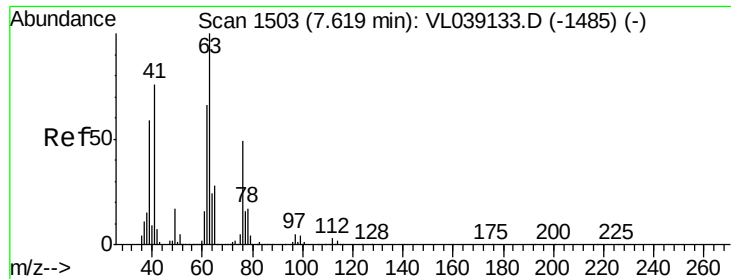
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#38
 Trichloroethene
 Concen: 0.624 ppbv m
 RT: 7.84 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: VL039222.D
 Acq: 7 Jun 2022 23:35

Tgt Ion:130 Resp: 36566
 Ion Ratio Lower Upper
 130 100
 95 123.0 93.3 139.9
 132 93.0 79.0 118.4
 97 80.7 59.4 89.2





#39

1,2-Dichloropropane

Concen: 0.608 ppbv m

RT: 7.62 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 23:35

Tot Ion:

Ion Ratio

63 100

41 84.

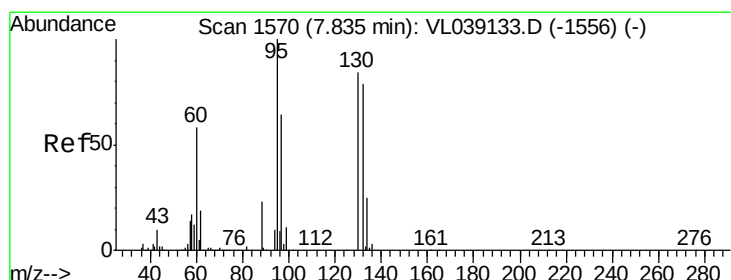
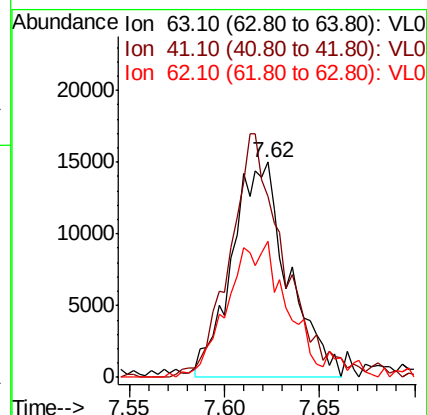
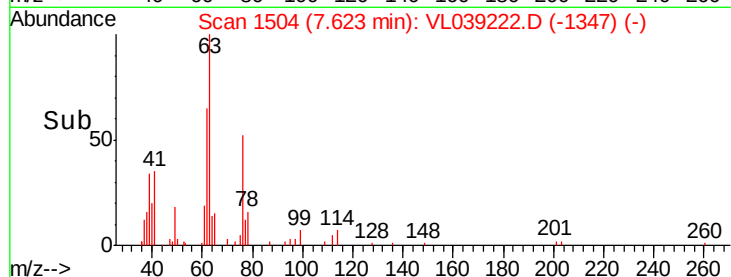
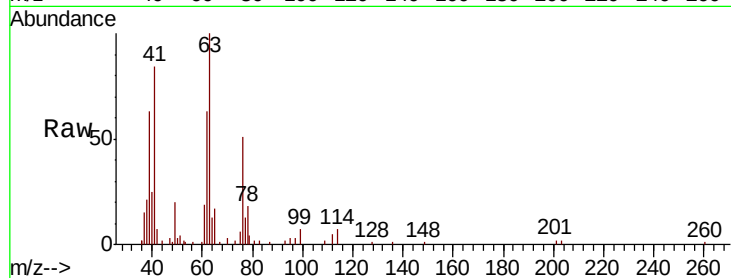
62 63.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#40

1,4-Dioxane

Concen: 0.630 ppbv m

RT: 7.88 min Scan# 1584

Delta R.T. 0.05 min

Lab File: VL039222.D

Acq: 7 Jun 2022 23:35

Tgt Ion: 88 Resp: 10517

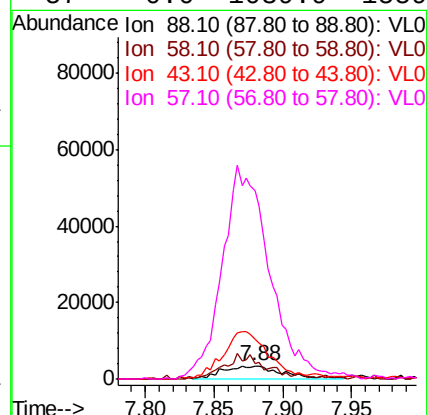
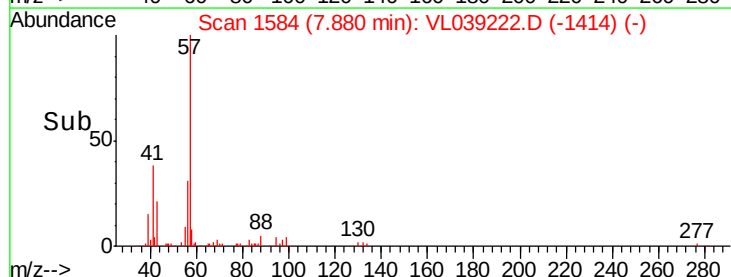
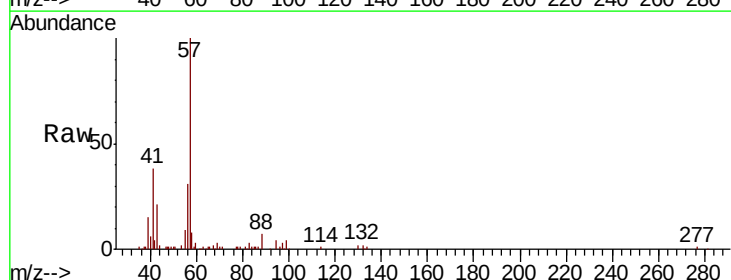
Ion Ratio Lower Upper

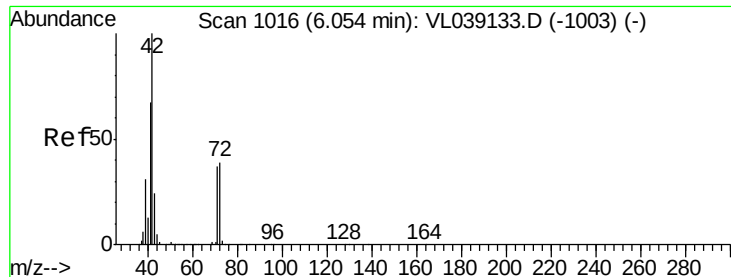
88 100

58 0.0 111.2 166.8#

43 0.0 234.2 351.4#

57 0.0 1039.9 1559.9#





#41

Tetrahydrofuran

Concen: 0.578 ppbv m

RT: 6.08 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 23:35

Tot Ion:

Ion Ratio

42 100

72 37.

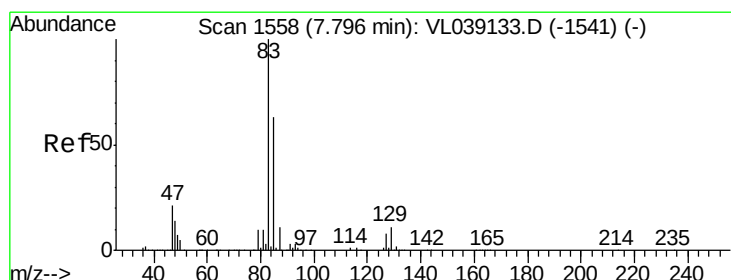
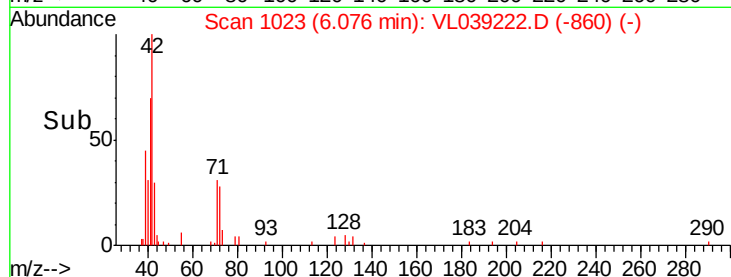
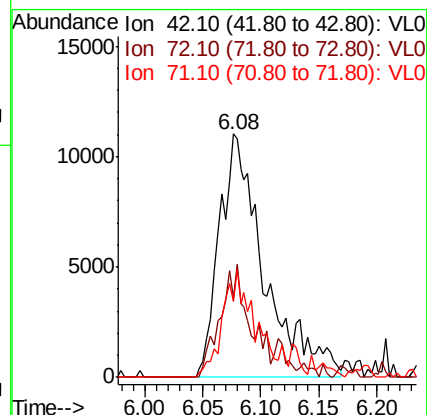
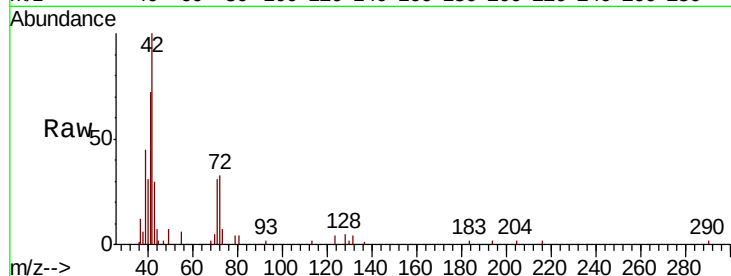
71 36.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#42

Bromodichloromethane

Concen: 0.634 ppbv

RT: 7.79 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VL039222.D

Acq: 7 Jun 2022 23:35

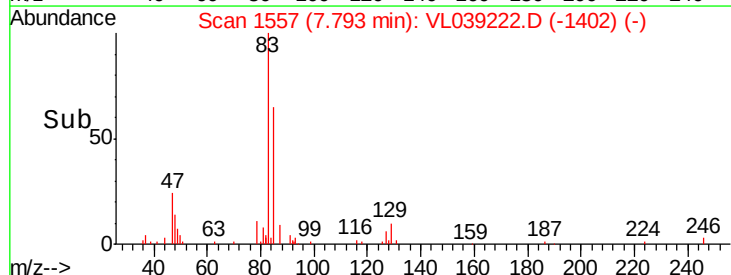
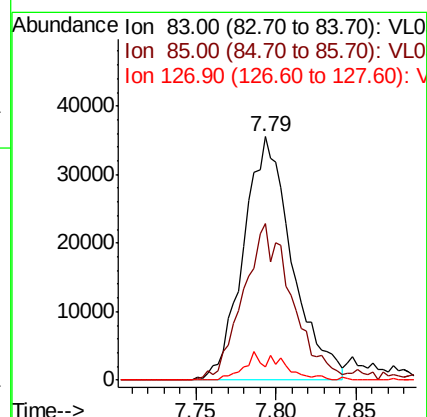
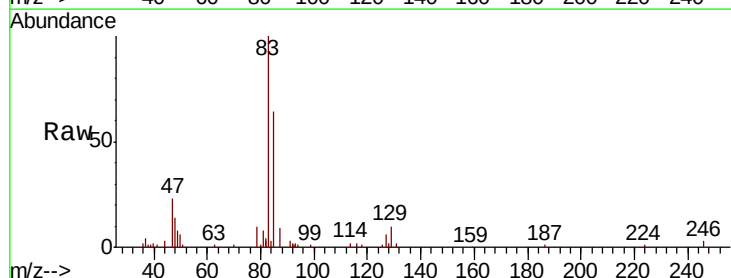
Tgt Ion: 83 Resp: 73842

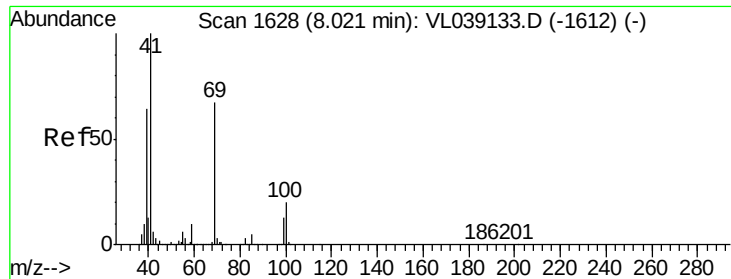
Ion Ratio Lower Upper

83 100

85 64.2 50.2 75.4

127 5.7 6.6 9.8#





#43

Methyl Methacrylate

Concen: 0.557 ppbv m

RT: 8.02 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: LOQ-AIR-02-OT2-2022

Acq: 7 Jun 2022 23:35

Tot Ion:

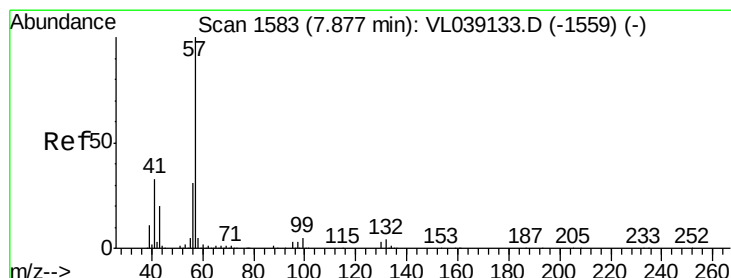
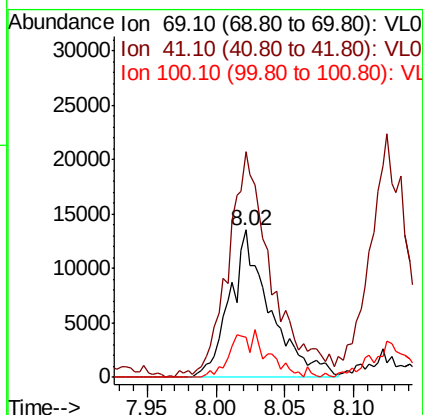
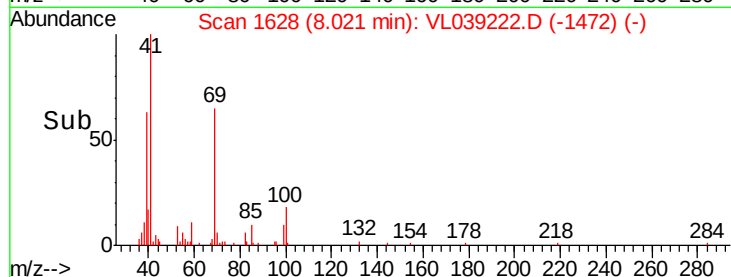
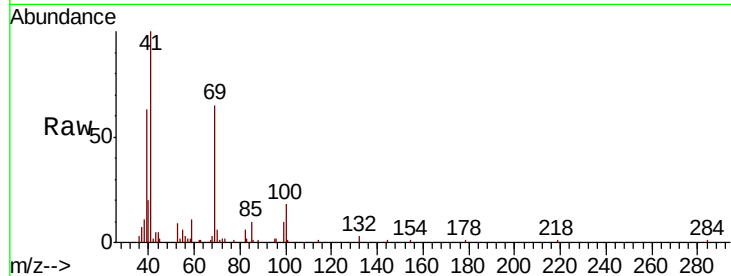
Ion	Ratio
69	100
41	0.
100	0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#44

2,2,4-Trimethylpentane

Concen: 0.602 ppbv m

RT: 7.87 min Scan# 1580

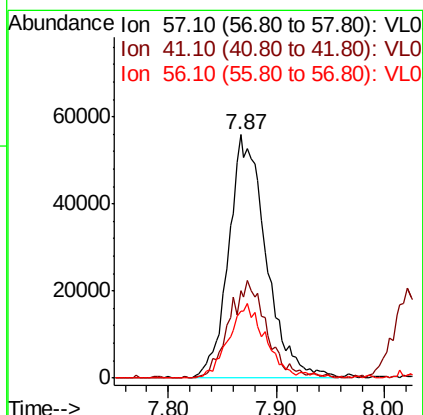
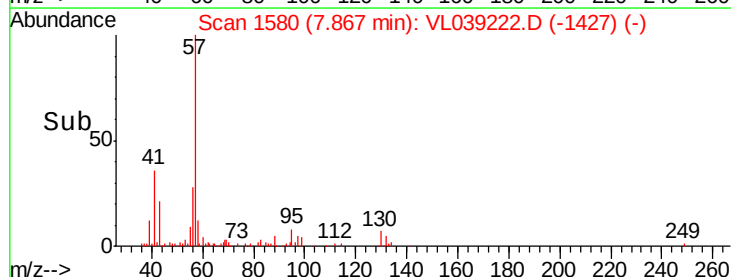
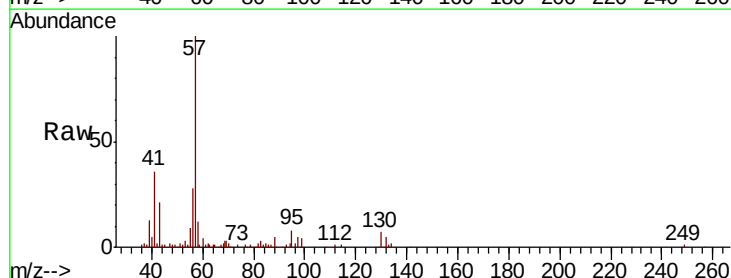
Delta R.T. -0.01 min

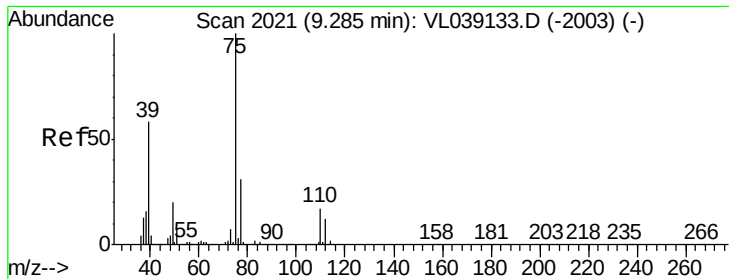
Lab File: VL039222.D

Acq: 7 Jun 2022 23:35

Tgt Ion: 57 Resp: 134279

Ion	Ratio	Lower	Upper
57	100		
41	0.0	26.2	39.4#
56	0.0	24.7	37.1#





#45

t-1,3-Dichloropropene

Concen: 0.494 ppbv m

RT: 9.28 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 23:35 LOQ-AIR-02-OT2-2022

Tot Ion:

Ion Ratio

75 100

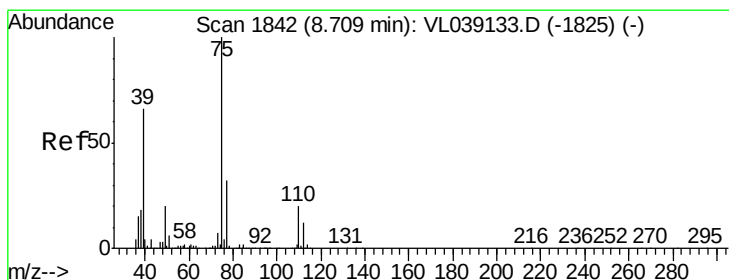
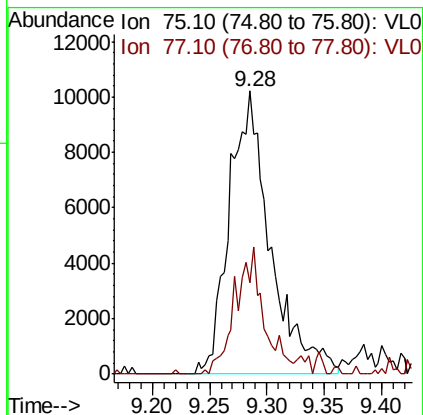
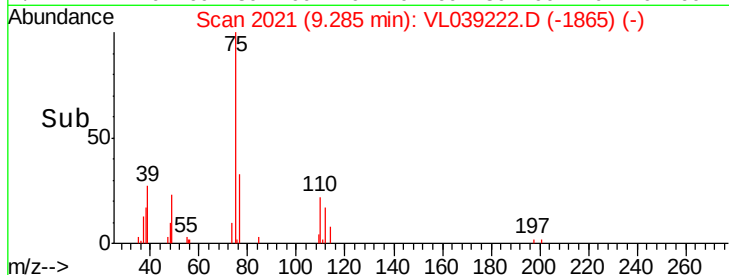
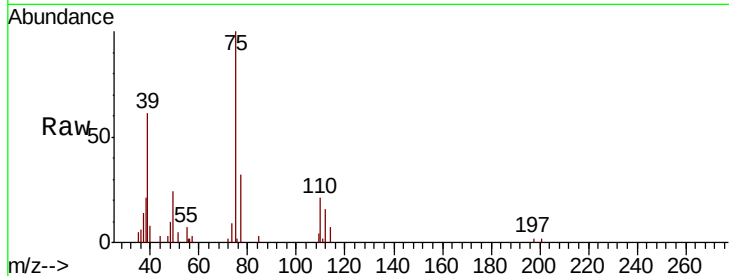
77 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#46

cis-1,3-Dichloropropene

Concen: 0.496 ppbv m

RT: 8.71 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VL039222.D

Acq: 7 Jun 2022 23:35

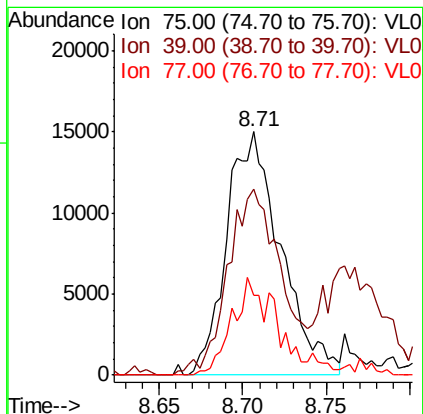
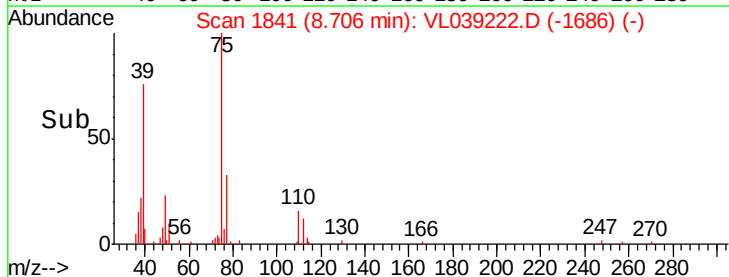
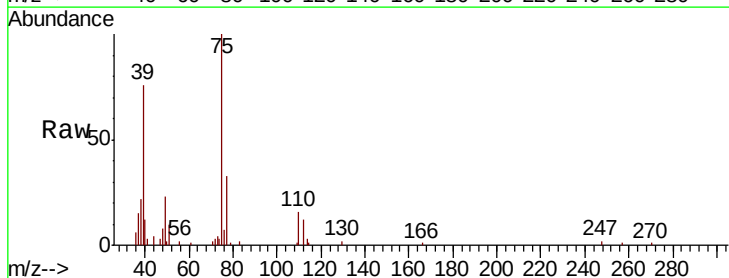
Tgt Ion: 75 Resp: 33855

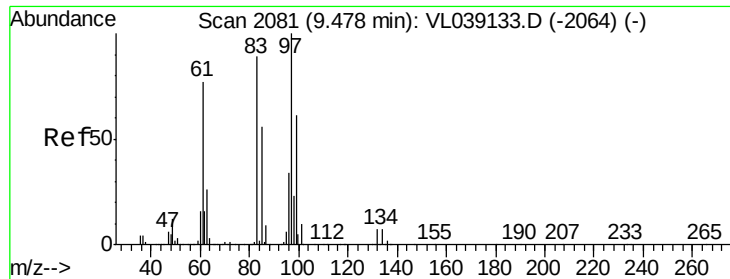
Ion Ratio Lower Upper

75 100

39 76.2 52.4 78.6

77 32.7 25.5 38.3



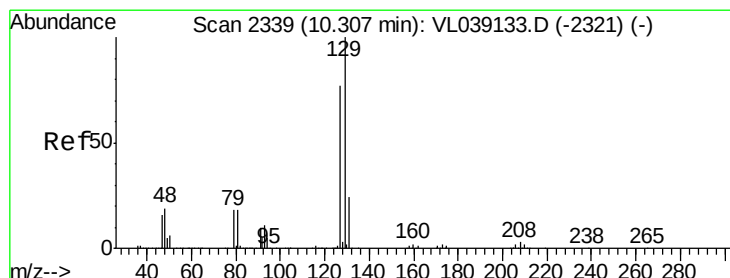
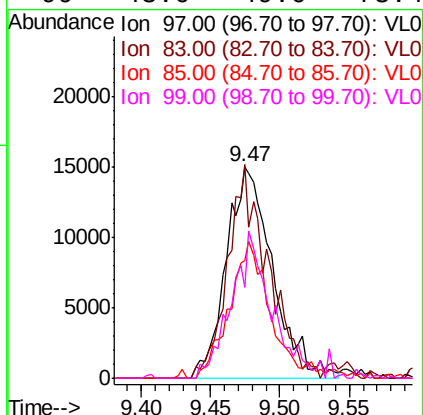
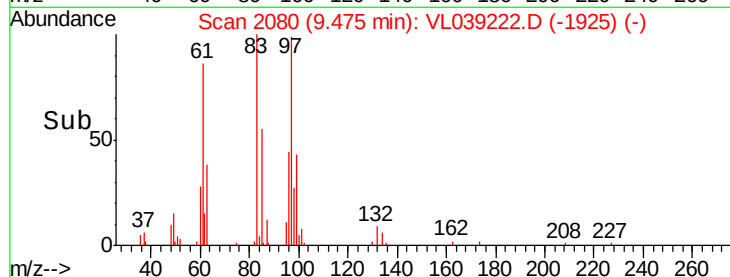
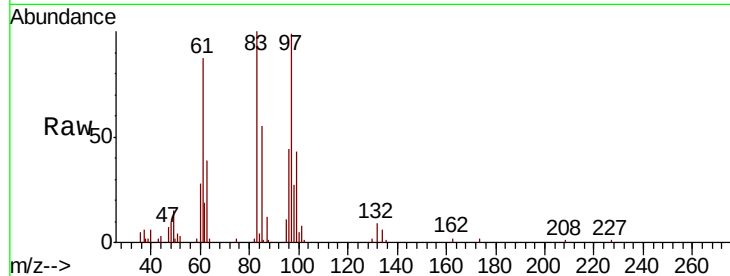


#47
 1,1,2-Trichloroethane
 Concen: 0.661 ppbv m
 RT: 9.47
 Instrument: MSVOA_L
 Delta R.T.:
 ClientSampleId:
 Lab File: LOQ-AIR-02-QT2-2022
 Acq: 7 Jun 2022 23:35

Tot Ion:
 Ion Ratio
 97 100
 83 100.
 85 55.
 99 43.0 49.0 73.4#

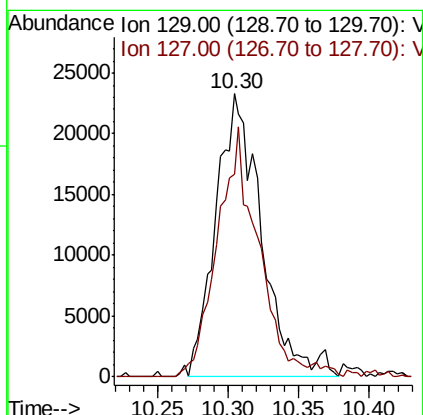
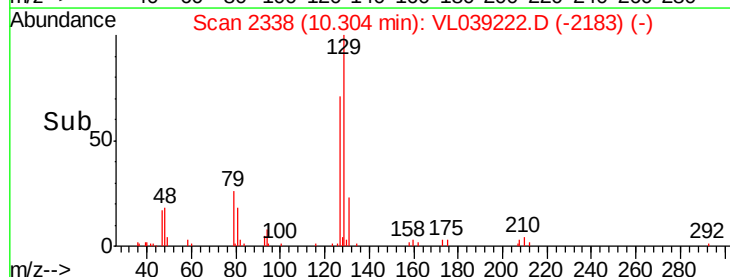
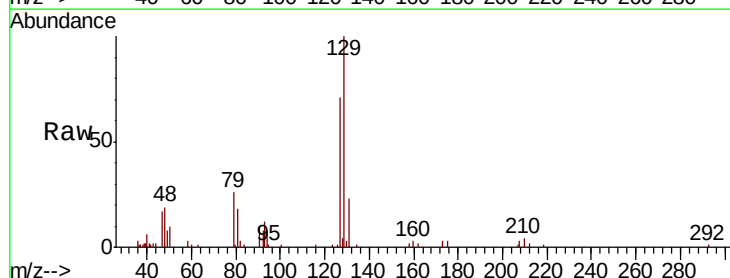
Manual Integrations
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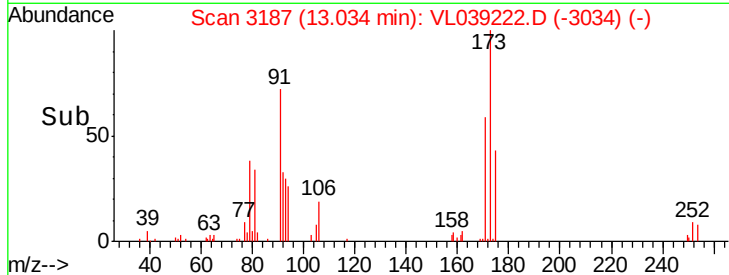
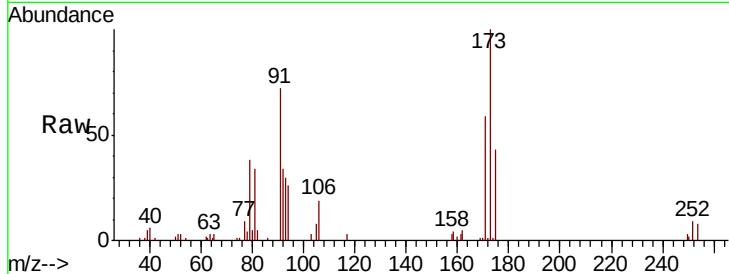
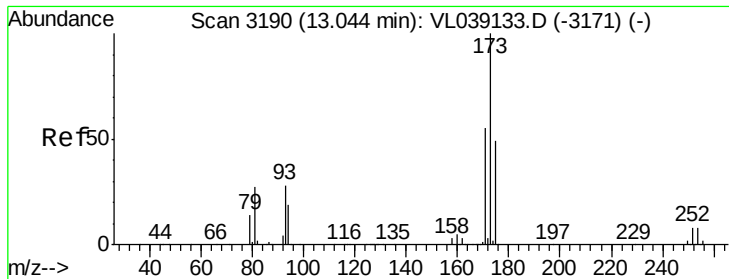
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#48
 Dibromochloromethane
 Concen: 0.555 ppbv m
 RT: 10.30 min Scan# 2338
 Delta R.T. -0.00 min
 Lab File: VL039222.D
 Acq: 7 Jun 2022 23:35

Tgt Ion:129 Resp: 52382
 Ion Ratio Lower Upper
 129 100
 127 0.0 40.0 119.9#





#49

Bromoform

Concen: 0.487 ppbv m

RT: 13.03

Delta R.T.

Lab File:

Acq: 7 Jun 2022 23:35

Instrument:

MSVOA_L

ClientSampleId:

LOQ-AIR-02-OT2-2022

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022

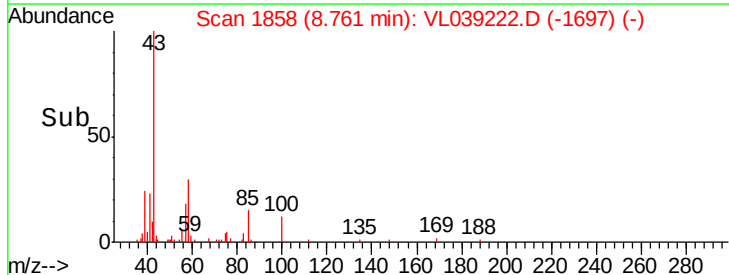
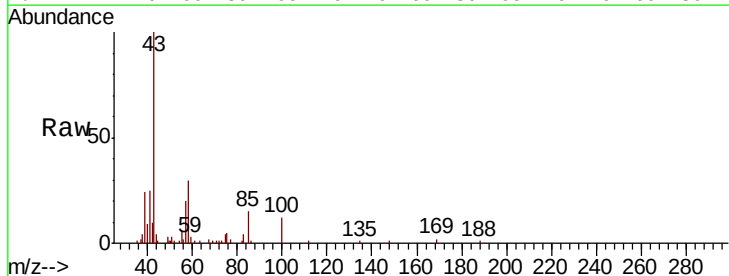
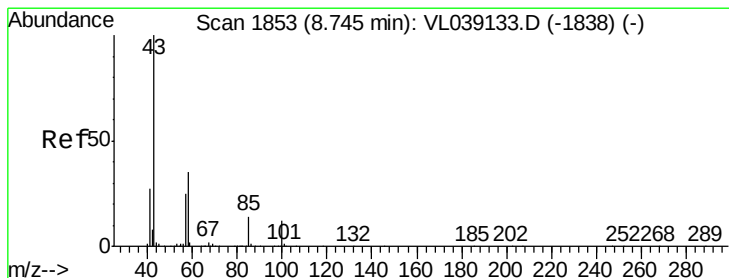
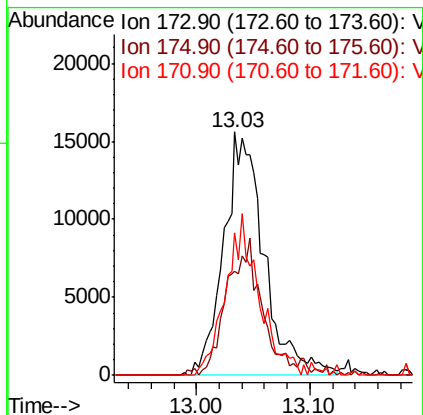
Tot Ion:1

Ion Rati

173 100

175 0.

171 0.



#50

4-Methyl-2-Pentanone

Concen: 0.566 ppbv m

RT: 8.76 min Scan# 1858

Delta R.T. 0.02 min

Lab File: VL039222.D

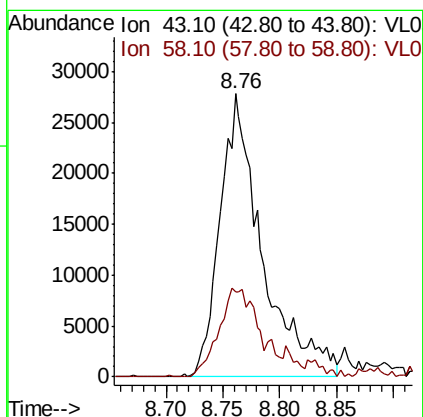
Acq: 7 Jun 2022 23:35

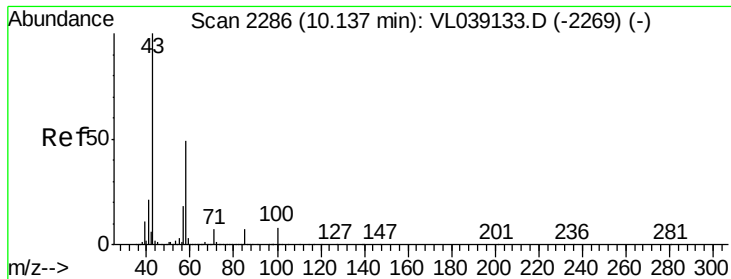
Tgt Ion: 43 Resp: 72296

Ion Ratio Lower Upper

43 100

58 35.3 28.7 43.1



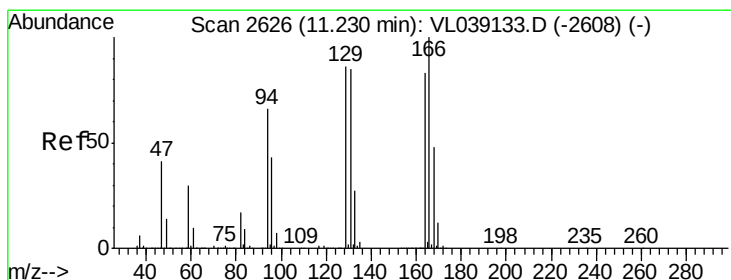
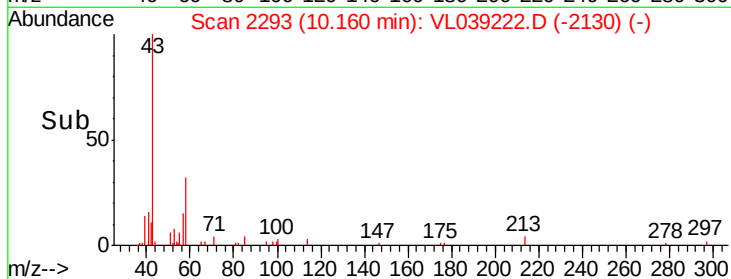
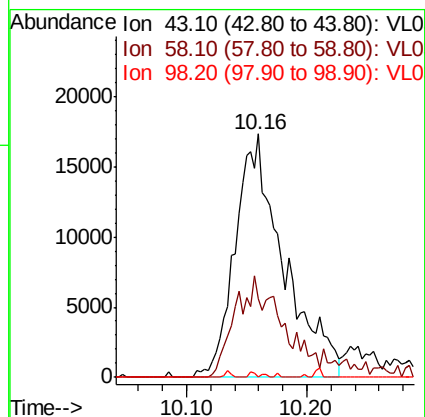
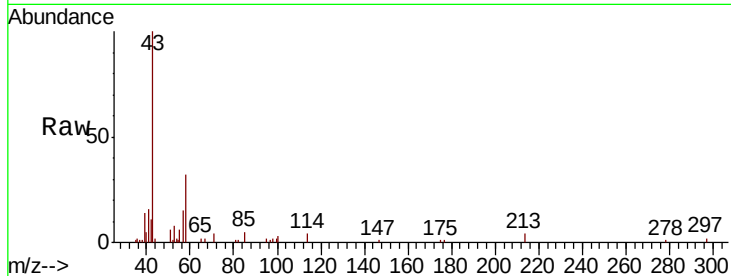


#51
2-Hexanone
Concen: 0.490 ppbv m
RT: 10.16
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 7 Jun 2022 23:35

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

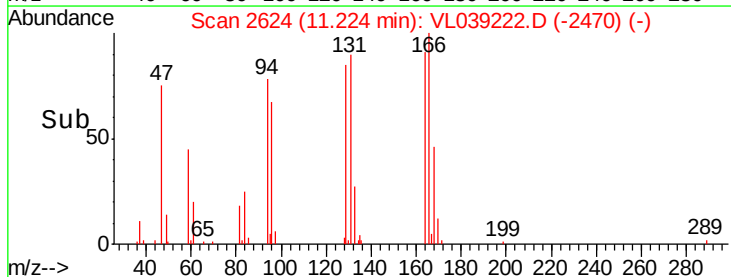
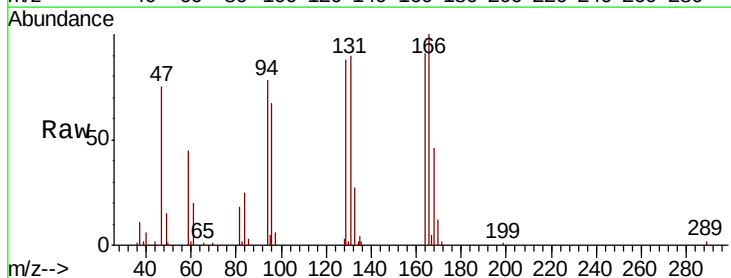
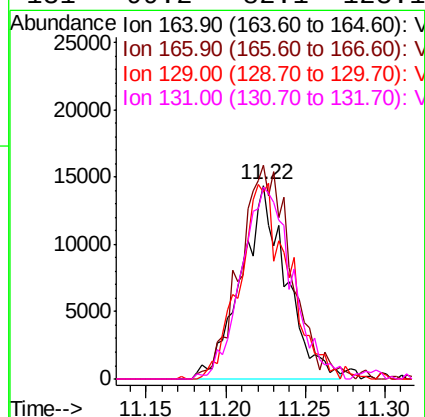
Manual Integrations
APPROVED

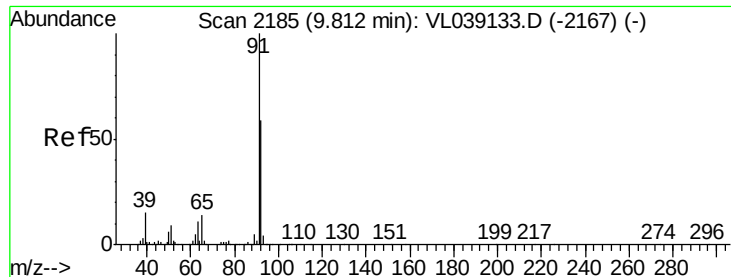
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#52
Tetrachloroethene
Concen: 0.572 ppbv m
RT: 11.22 min Scan# 2624
Delta R.T. -0.01 min
Lab File: VL039222.D
Acq: 7 Jun 2022 23:35

Tgt Ion:164 Resp: 28496
Ion Ratio Lower Upper
164 100
166 110.3 96.3 144.5
129 96.7 82.5 123.7
131 99.2 82.1 123.1





#53

Toluene

Concen: 0.516 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 23:35 LOQ-AIR-02-OT2-2022

Tot Ion:

Ion Ratio

91 100

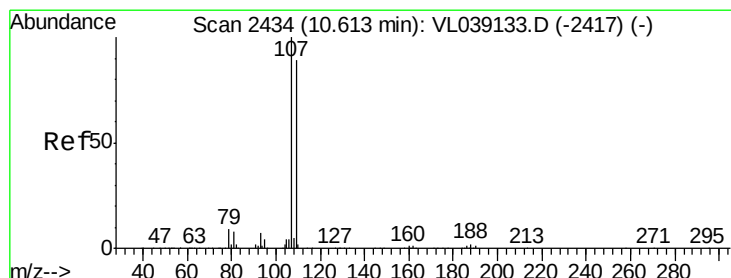
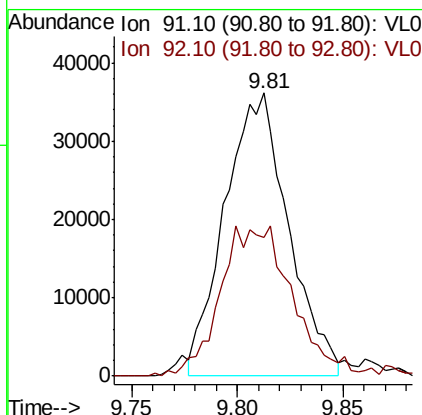
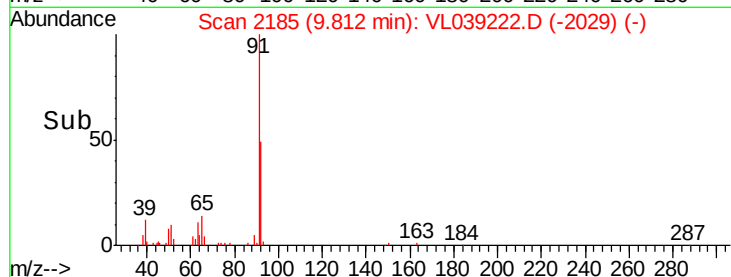
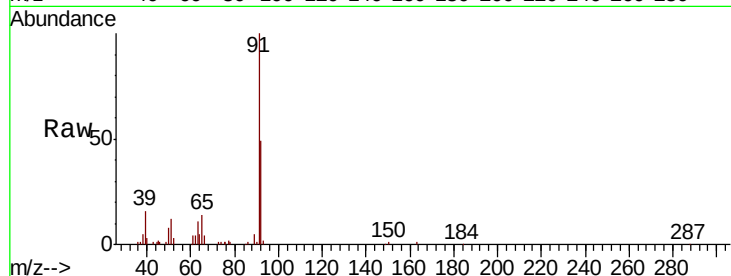
92 61.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#54

1,2-Dibromoethane

Concen: 0.588 ppbv m

RT: 10.61 min Scan# 2434

Delta R.T. 0.00 min

Lab File: VL039222.D

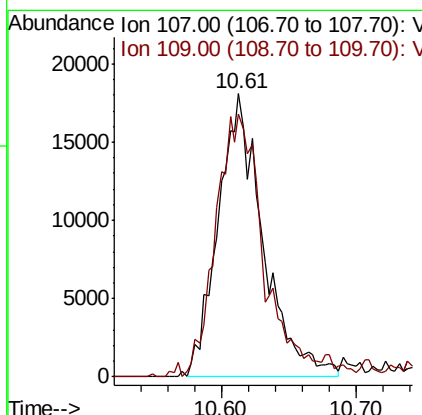
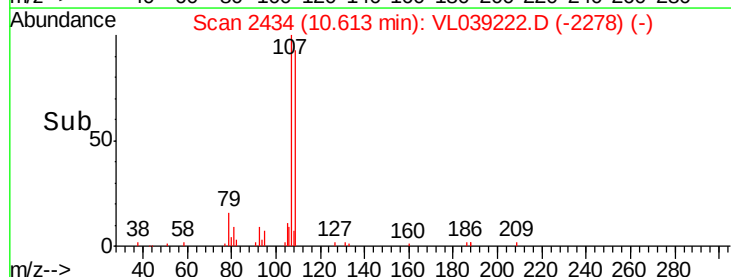
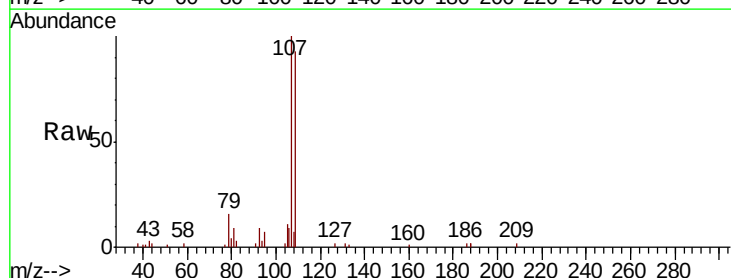
Acq: 7 Jun 2022 23:35

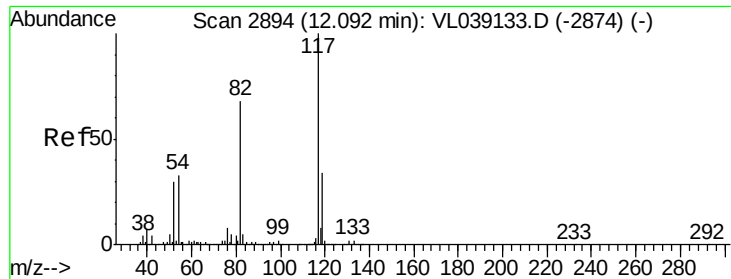
Tgt Ion:107 Resp: 41784

Ion Ratio Lower Upper

107 100

109 93.0 71.4 107.0



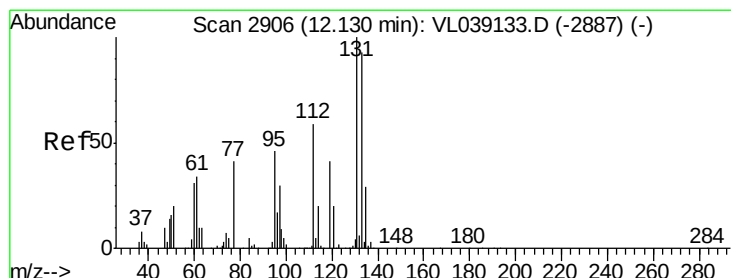
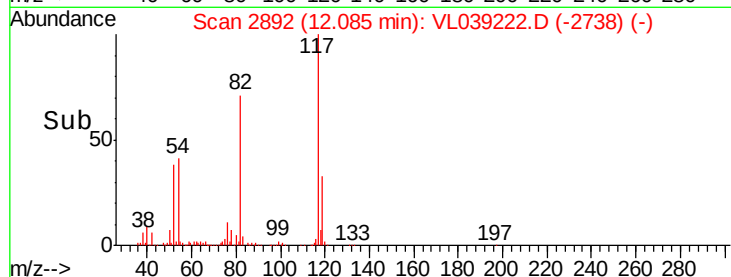
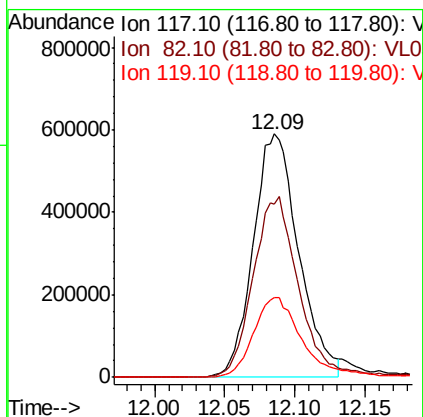
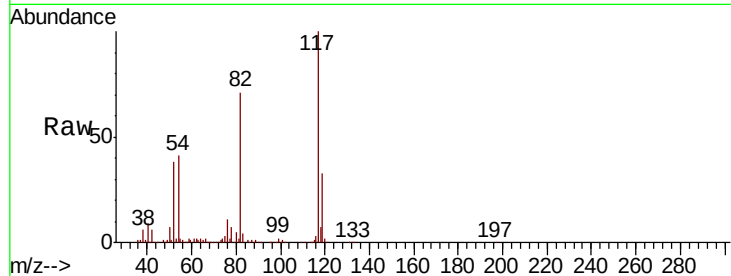


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Jun 2022 23:35

Tot Ion:1
Ion Rati
117 100
82 76.
119 35.

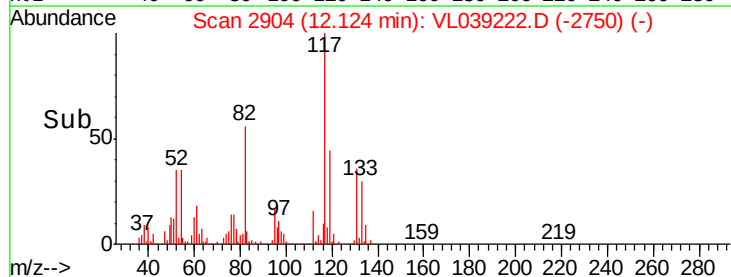
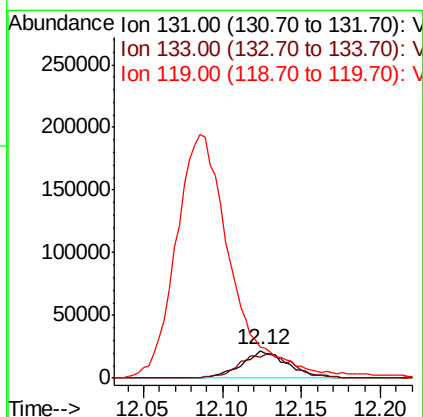
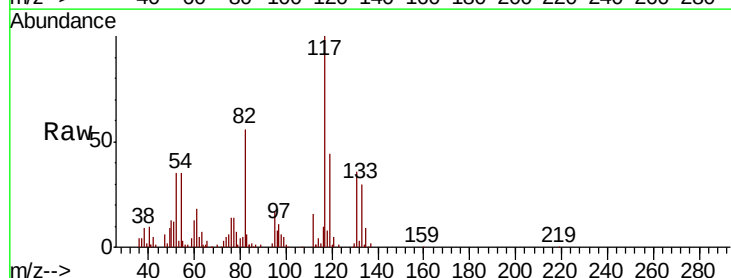
Manual Integrations
APPROVED

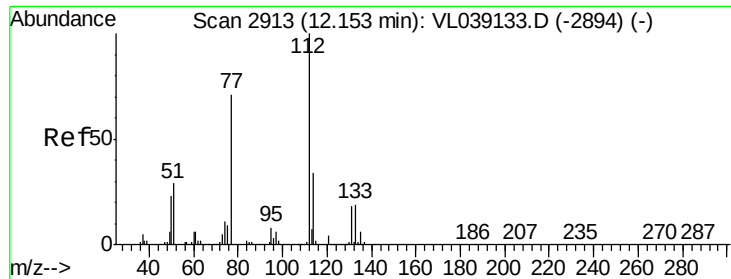
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 0.699 ppbv m
RT: 12.12 min Scan# 2904
Delta R.T. -0.01 min
Lab File: VL039222.D
Acq: 7 Jun 2022 23:35

Tgt Ion:131 Resp: 43878
Ion Ratio Lower Upper
131 100
133 105.5 78.6 117.8
119 1090.7 51.7 77.5#





#57

Chlorobenzene

Concen: 0.664 ppbv

RT: 12.14

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Jun 2022 23:35

Tot Ion:1

Ion Rati

112 100

77 60.

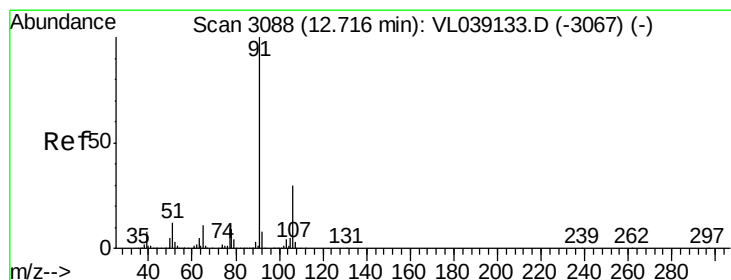
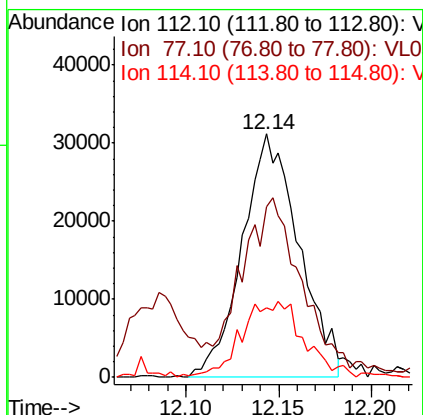
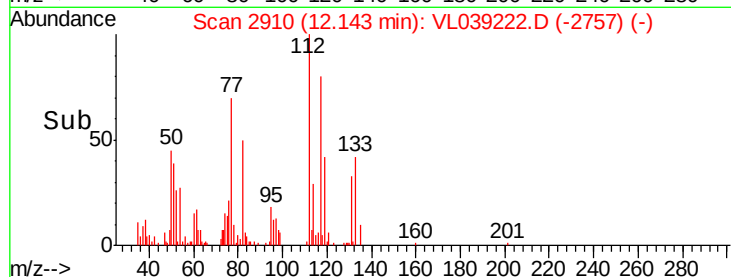
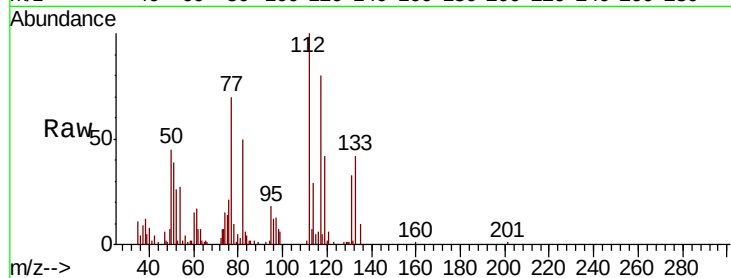
114 28.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#58

Ethyl Benzene

Concen: 0.621 ppbv

RT: 12.72 min Scan# 3088

Delta R.T. 0.00 min

Lab File: VL039222.D

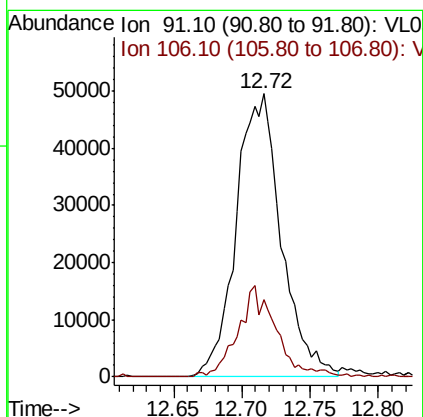
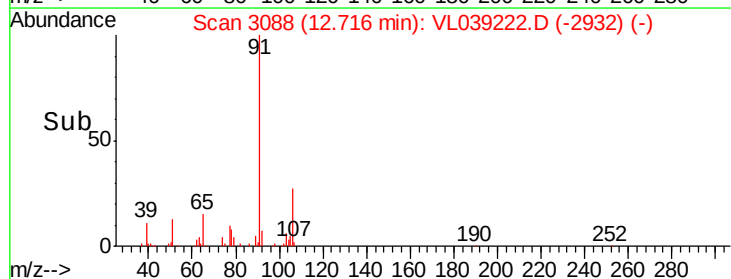
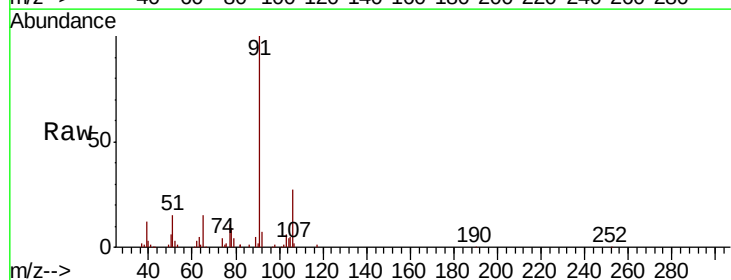
Acq: 7 Jun 2022 23:35

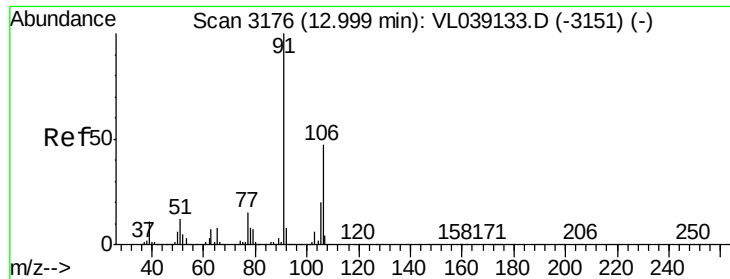
Tgt Ion: 91 Resp: 113407

Ion Ratio Lower Upper

91 100

106 26.9 24.2 36.4





#59

m/p-Xylene

Concen: 1.343 ppbv m

RT: 13.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 23:35

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/10/2022

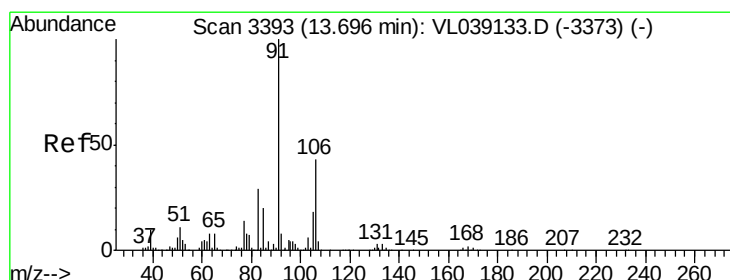
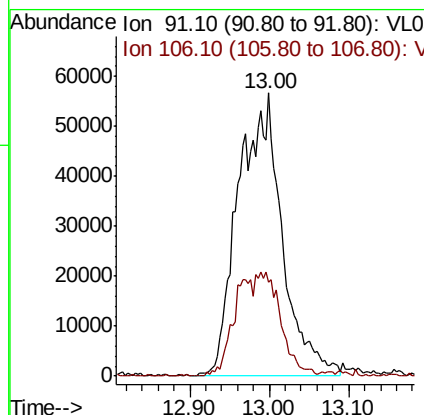
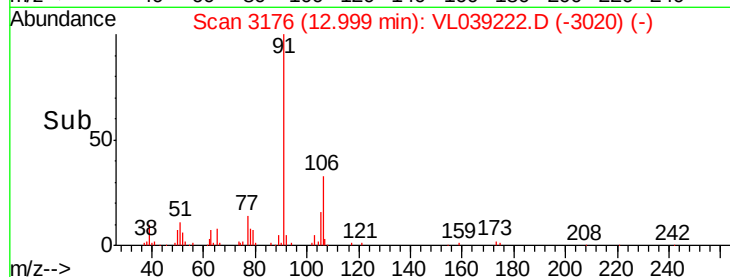
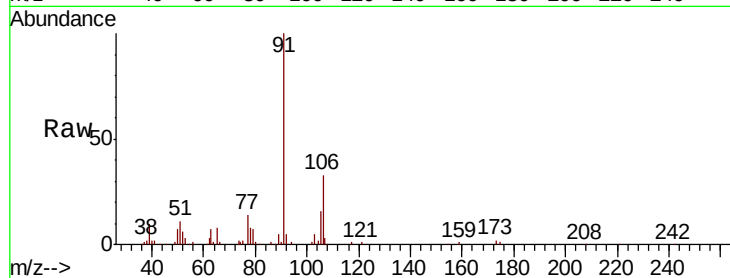
Supervised By :Mahesh Dadoda 06/10/2022

Tot Ion:

Ion Ratio

91 100

106 0.



#60

o-Xylene

Concen: 0.672 ppbv m

RT: 13.70 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VL039222.D

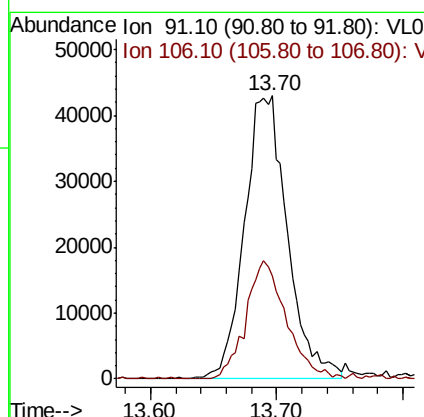
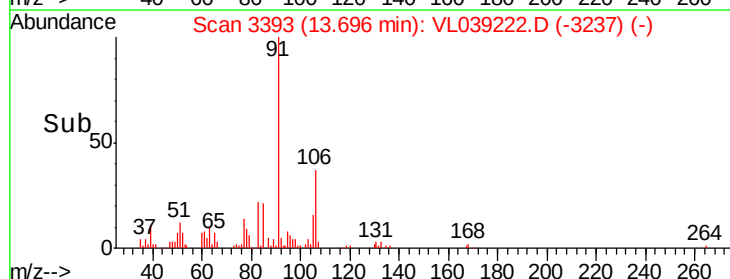
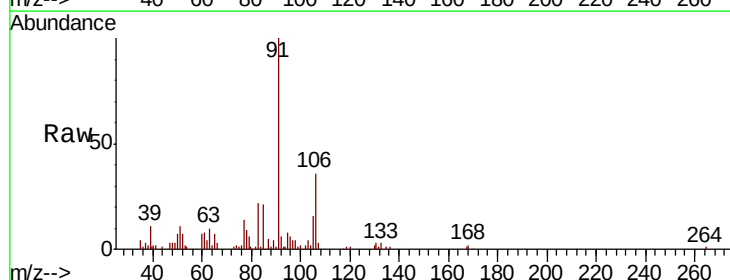
Acq: 7 Jun 2022 23:35

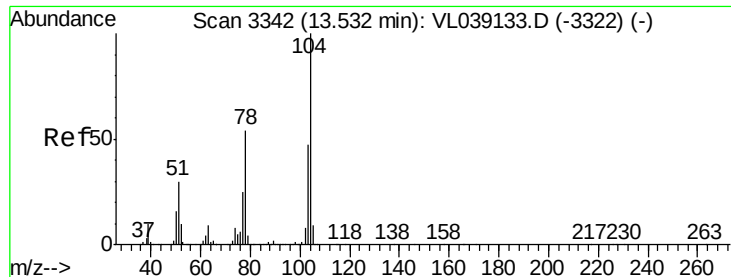
Tgt Ion: 91 Resp: 101669

Ion Ratio Lower Upper

91 100

106 40.2 22.3 66.9



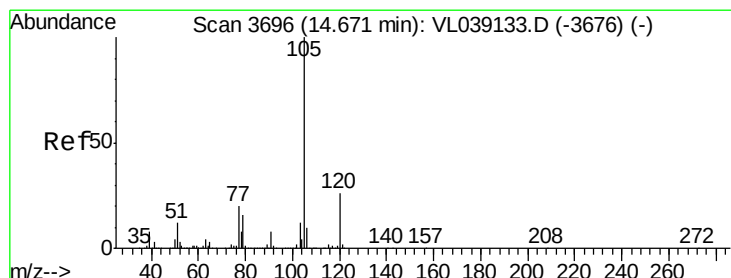
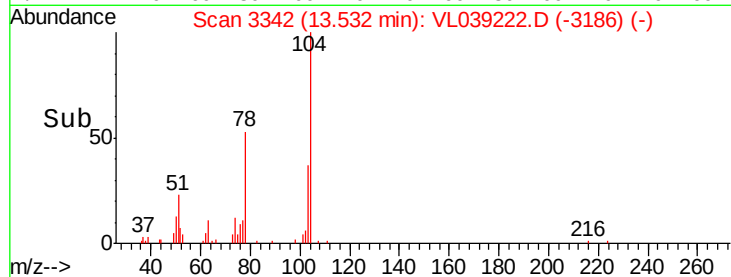
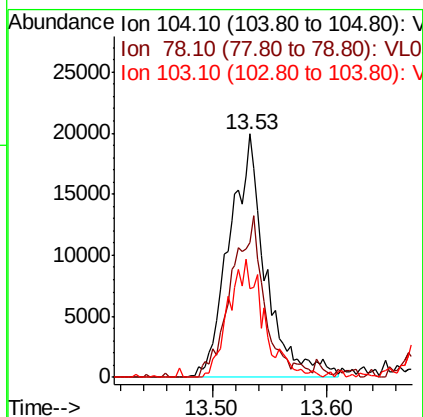
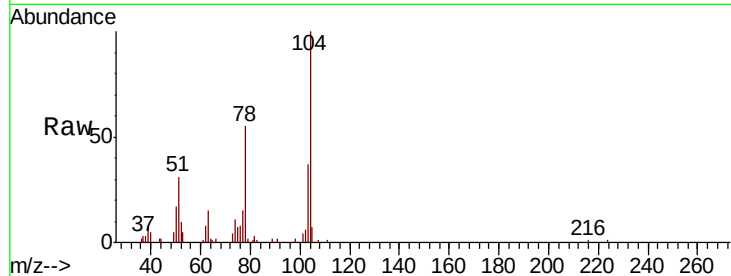


#61
Stvrene
Concen: 0.540 ppbv m
RT: 13.53
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Jun 2022 23:35

Tot Ion:1
Ion Rati
104 100
78 0.
103 0.

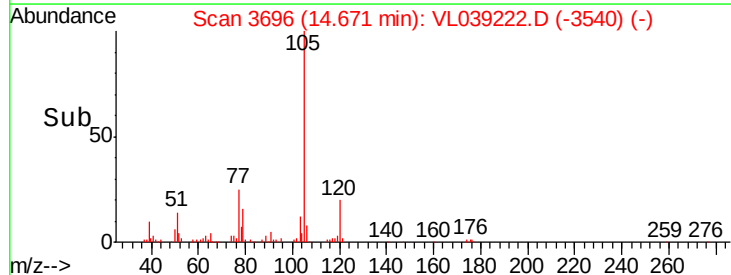
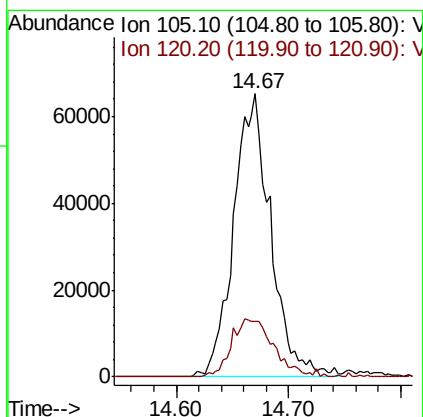
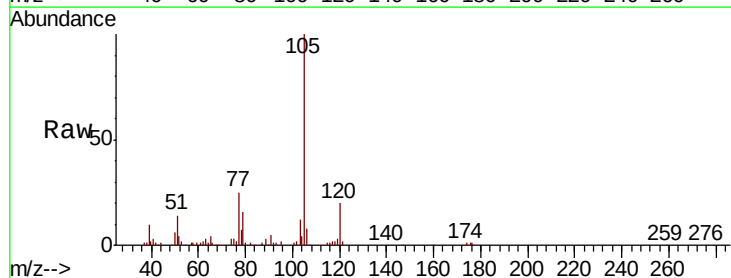
Manual Integrations
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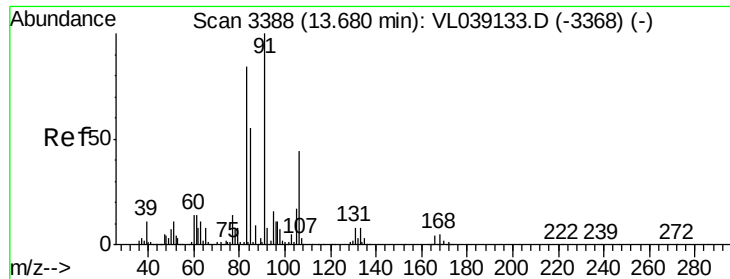
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#62
Isopropylbenzene
Concen: 0.665 ppbv m
RT: 14.67 min Scan# 3696
Delta R.T. 0.00 min
Lab File: VL039222.D
Acq: 7 Jun 2022 23:35

Tgt Ion:105 Resp: 149505
Ion Ratio Lower Upper
105 100
120 23.5 20.3 30.5



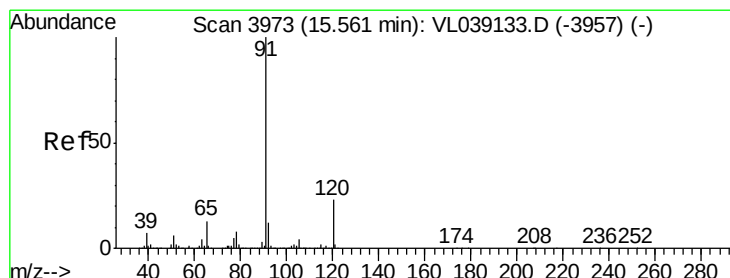
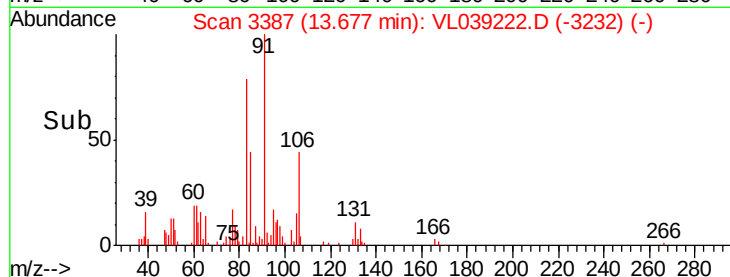
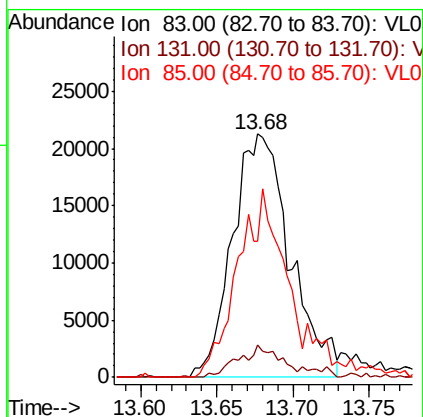
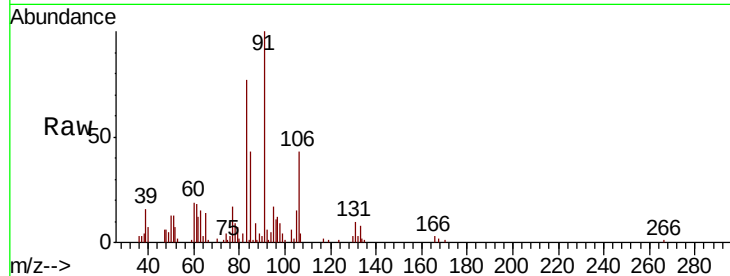


#63
 1,1,2,2-Tetrachloroethane
 Concen: 0.659 ppbv m
 RT: 13.68
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample Id:
 Lab File: LOQ-AIR-02-OT2-2022
 Acq: 7 Jun 2022 23:35

Tot Ion:
 Ion Ratio
 83 100
 131 0.
 85 0.

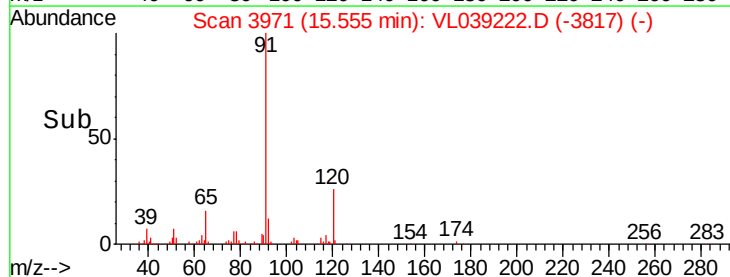
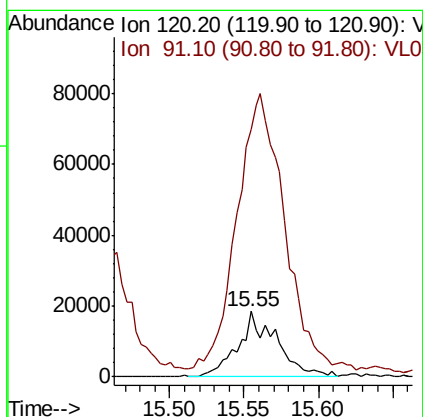
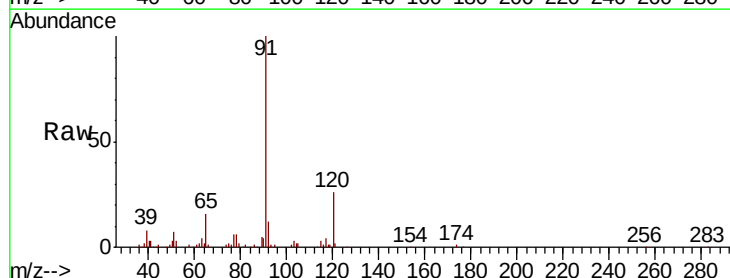
Manual Integrations
 APPROVED

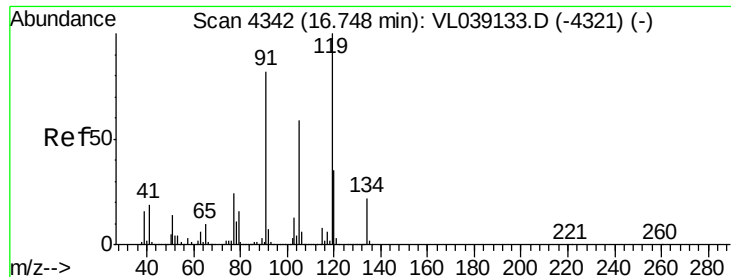
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#64
 n-propylbenzene
 Concen: 0.611 ppbv m
 RT: 15.55 min Scan# 3971
 Delta R.T. -0.01 min
 Lab File: VL039222.D
 Acq: 7 Jun 2022 23:35

Tgt Ion:120 Resp: 33747
 Ion Ratio Lower Upper
 120 100
 91 562.9 388.4 582.6



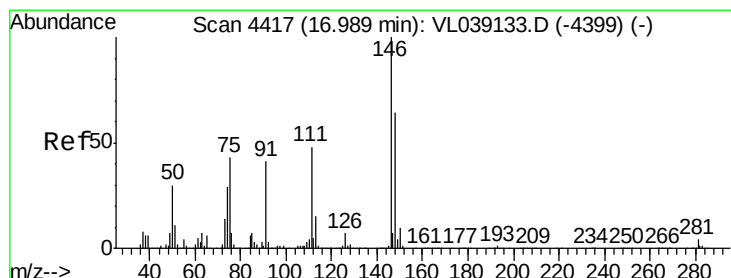
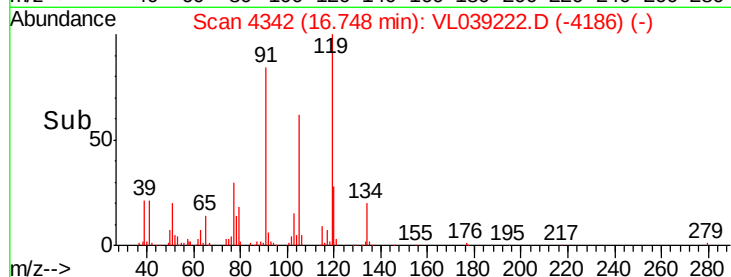
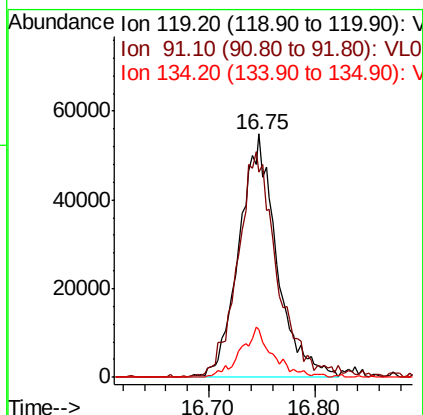
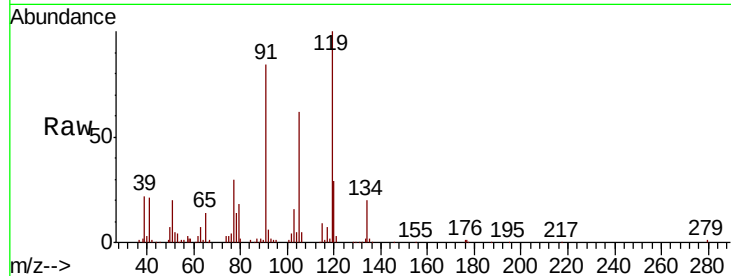


#65
 tert-Butylbenzene
 Concen: 0.657 ppbv m
 RT: 16.75
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 7 Jun 2022 23:35

Tot Ion: 1
 Ion Ratio
 119 100
 91 0.
 134 0.

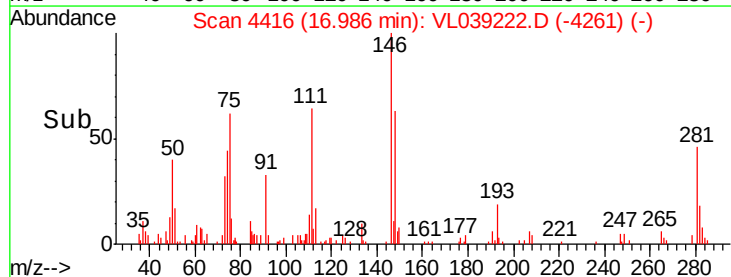
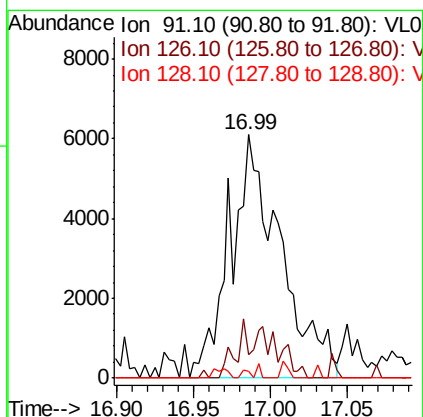
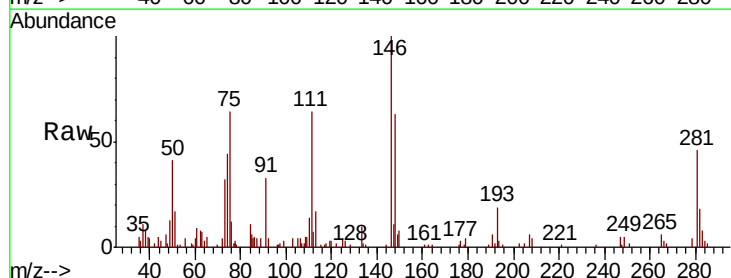
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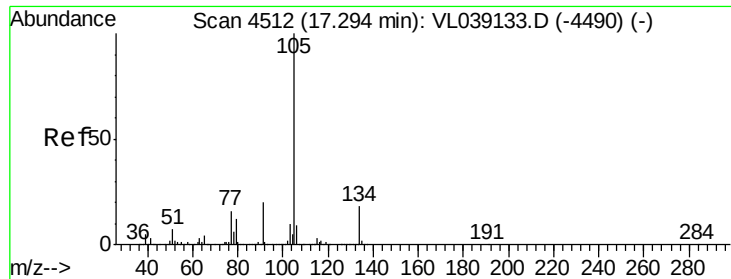
Reviewed By : Semsettin Yesilyurt 06/10/2022
 Supervised By : Mahesh Dadoda 06/10/2022



#66
 Benzyl Chloride
 Concen: 0.525 ppbv m
 RT: 16.99 min Scan# 4416
 Delta R.T.: -0.00 min
 Lab File: VL039222.D
 Acq: 7 Jun 2022 23:35

Tgt Ion: 91 Resp: 14014
 Ion Ratio Lower Upper
 91 100
 126 16.4 13.4 20.0
 128 0.0 4.1 6.1#





#67

sec-Butylbenzene

Concen: 0.666 ppbv m

RT: 17.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Jun 2022 23:35

Tot Ion:1

Ion Ratio

105 100

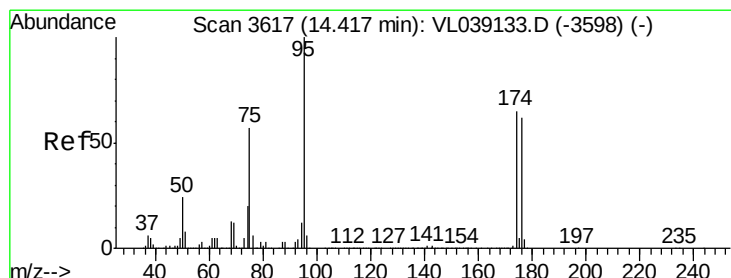
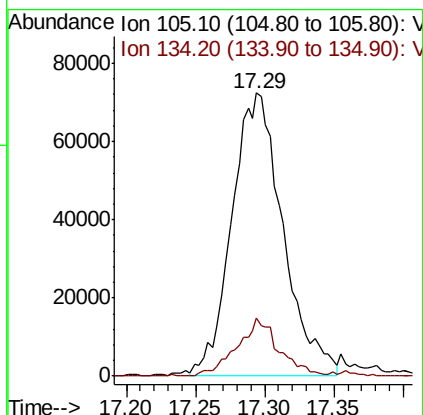
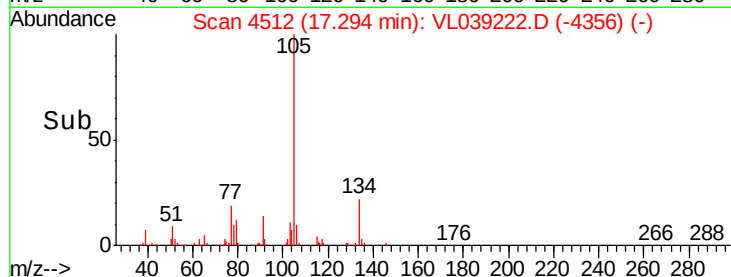
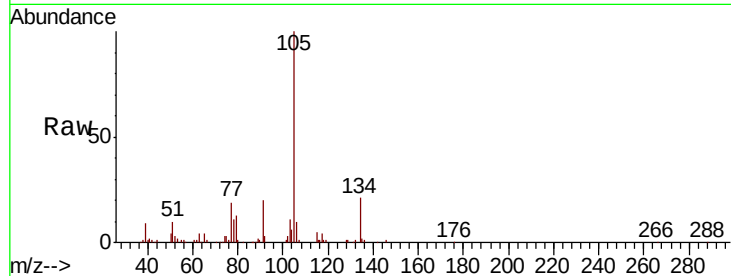
134 0.

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Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 11.360 ppbv

RT: 14.41 min Scan# 3616

Delta R.T. -0.00 min

Lab File: VL039222.D

Acq: 7 Jun 2022 23:35

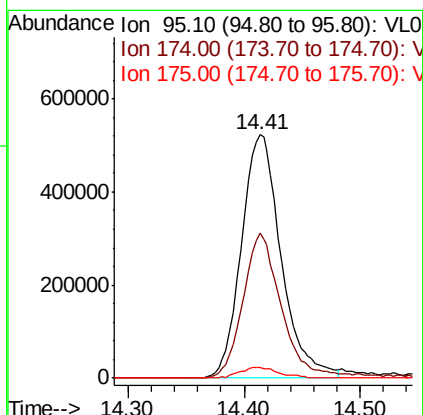
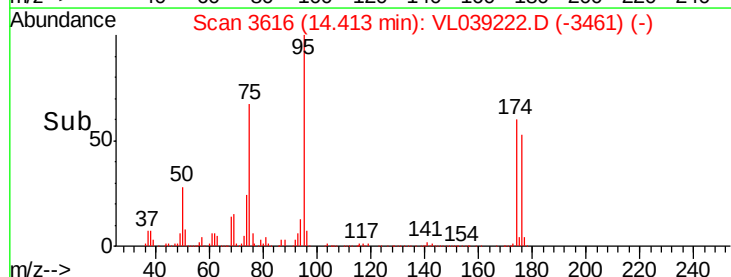
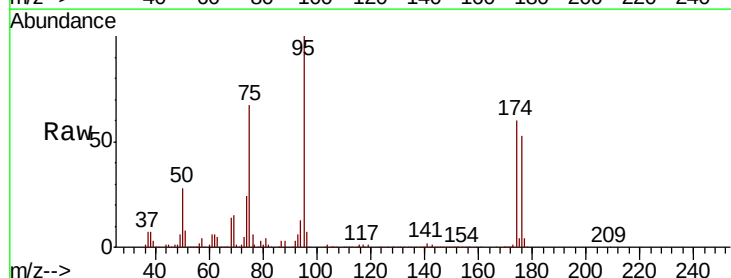
Tgt Ion: 95 Resp: 1245719

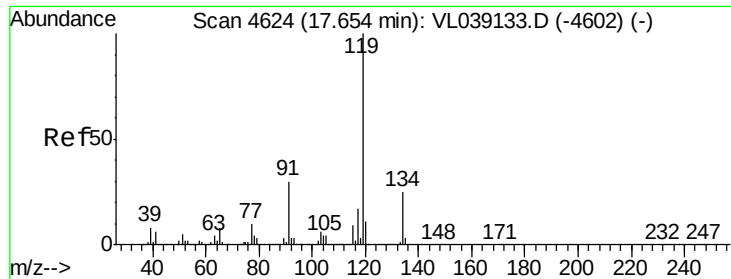
Ion Ratio Lower Upper

95 100

174 59.3 53.8 80.8

175 4.5 4.1 6.1



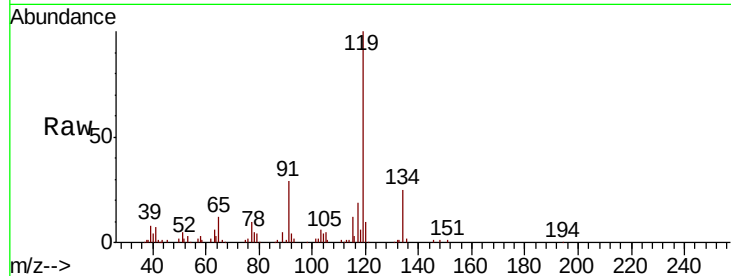


#69
 p-Isopropyltoluene
 Concen: 0.617 ppbv
 RT: 17.65 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 7 Jun 2022 23:35

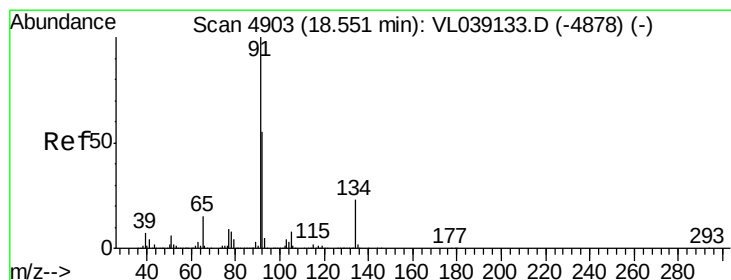
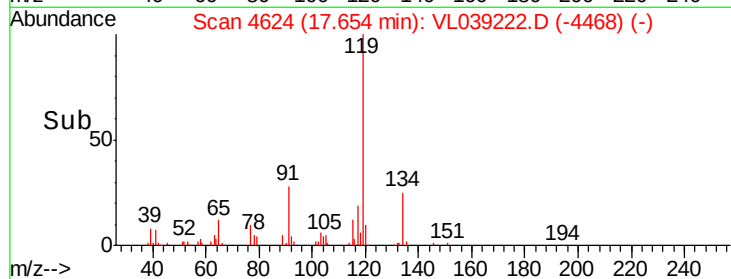
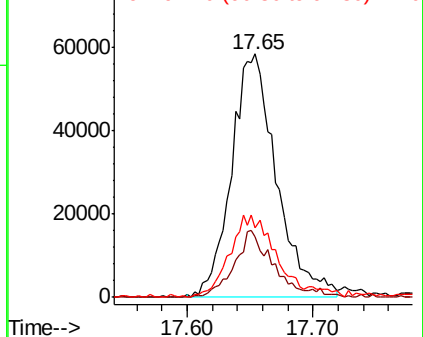
Tot Ion: 1
 Ion Ratio
 119 100
 134 0.
 91 35.

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

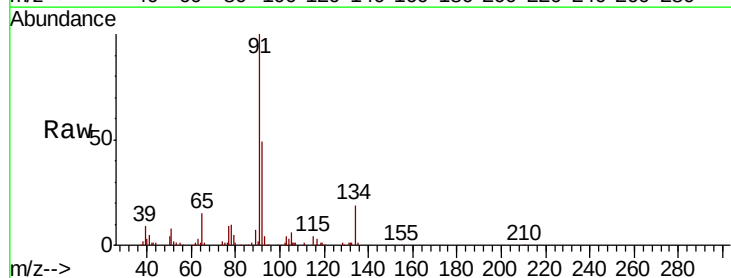


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

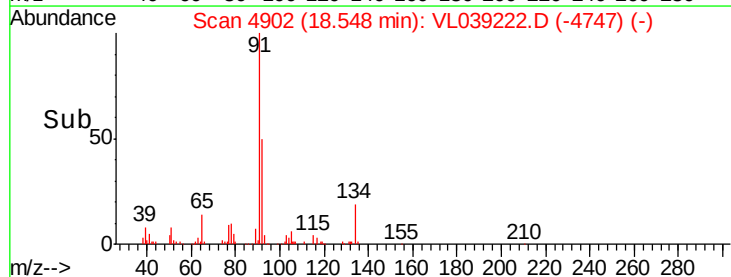
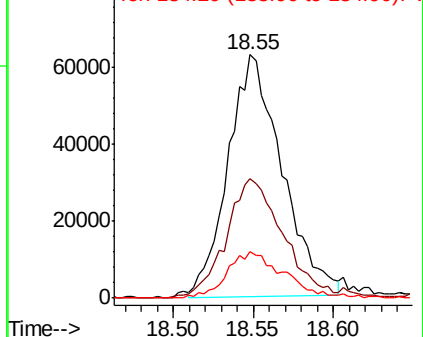


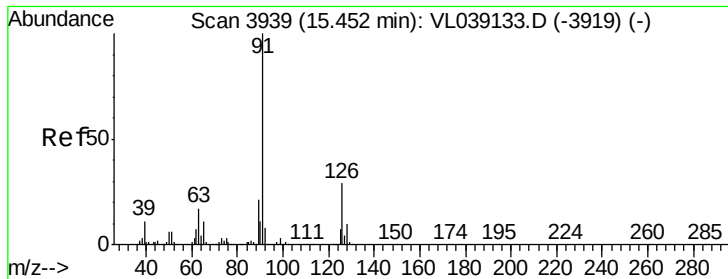
#70
 n-Butylbenzene
 Concen: 0.603 ppbv
 RT: 18.55 min Scan# 4902
 Delta R.T. -0.00 min
 Lab File: VL039222.D
 Acq: 7 Jun 2022 23:35

Tgt Ion: 91 Resp: 146288
 Ion Ratio Lower Upper
 91 100
 92 53.7 43.6 65.4
 134 20.4 17.7 26.5



Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0
 Ion 134.20 (133.90 to 134.90): V



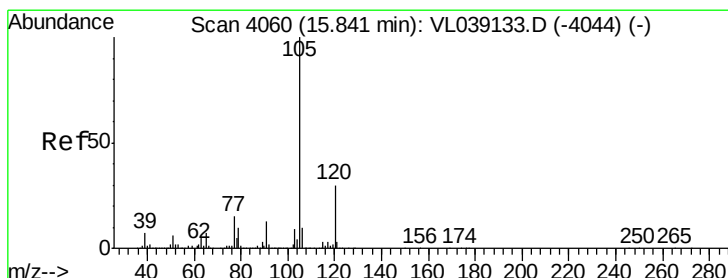
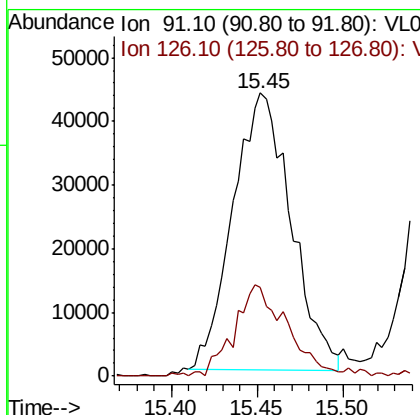
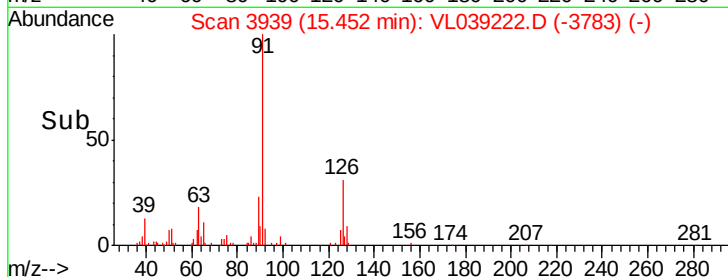
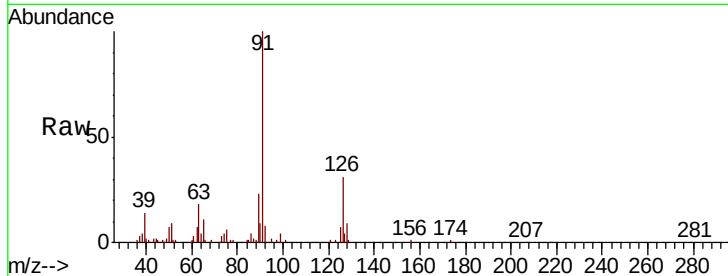


#71
 2-Chlorotoluene
 Concen: 0.596 ppbv
 RT: 15.45 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Jun 2022 23:35

Tot Ion:
 Ion Ratio
 91 100
 126 31.

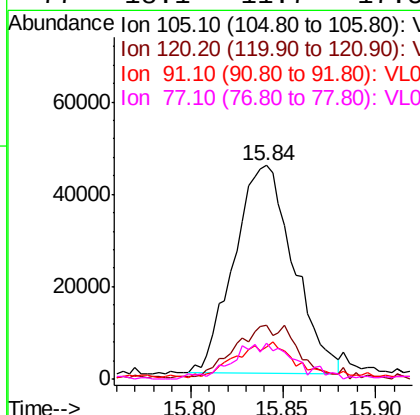
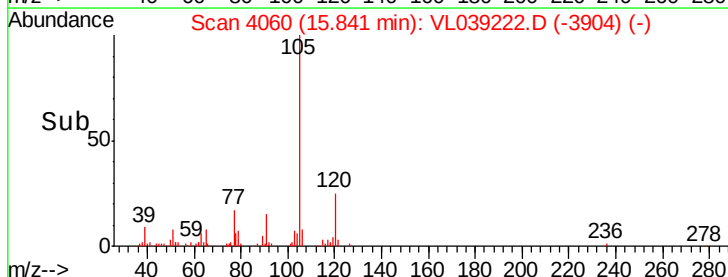
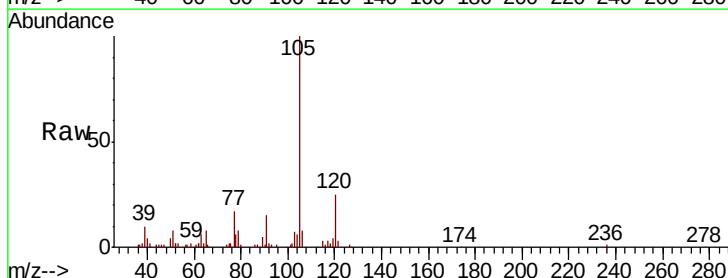
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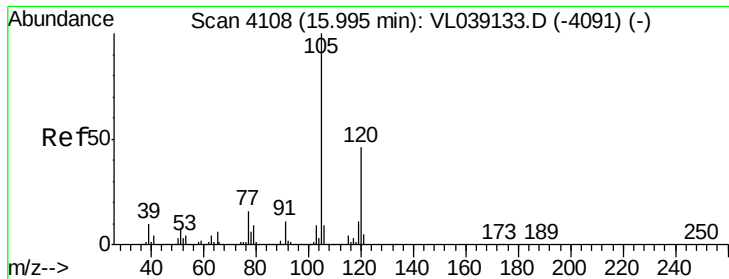
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#72
 4-Ethyltoluene
 Concen: 0.566 ppbv
 RT: 15.84 min Scan# 4060
 Delta R.T. 0.00 min
 Lab File: VL039222.D
 Acq: 7 Jun 2022 23:35

Tgt Ion:105 Resp: 100274
 Ion Ratio Lower Upper
 105 100
 120 28.9 23.9 35.9
 91 16.5 10.6 16.0#
 77 18.1 11.7 17.5#





#73

1,3,5-Trimethylbenzene

Concen: 0.599 ppbv

RT: 16.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Jun 2022 23:35

Tot Ion:1

Ion Ratio

105 100

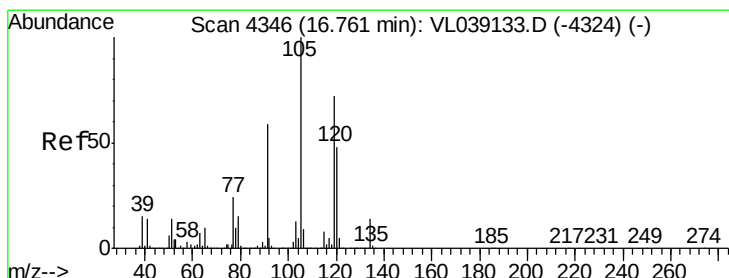
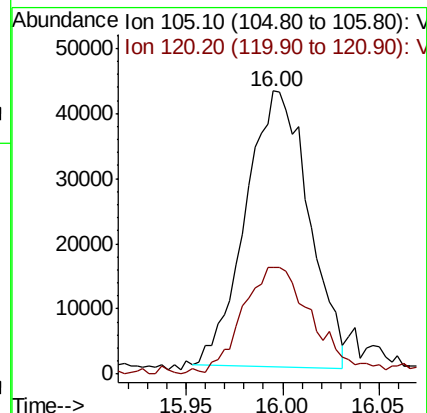
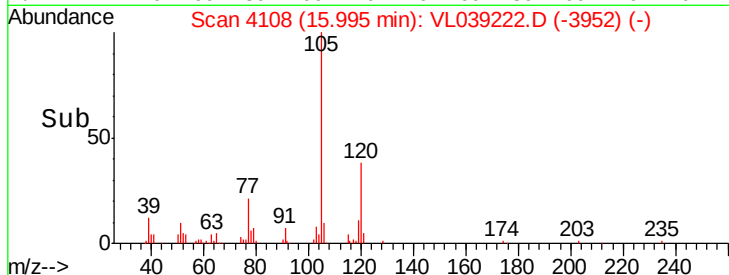
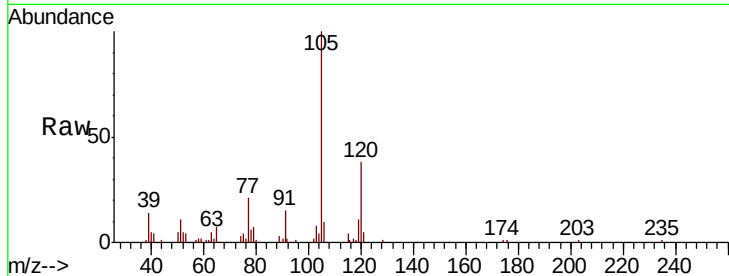
120 36.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022



#74

1,2,4-Trimethylbenzene

Concen: 0.659 ppbv m

RT: 16.76 min Scan# 4346

Delta R.T. 0.00 min

Lab File: VL039222.D

Acq: 7 Jun 2022 23:35

Tgt Ion:105 Resp: 117607

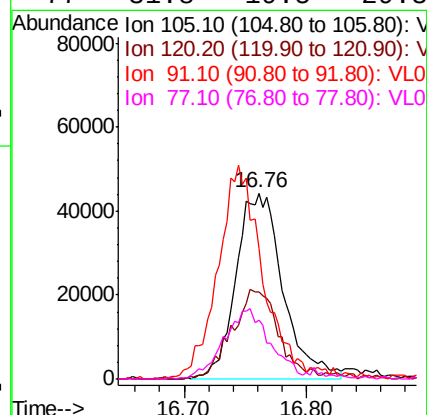
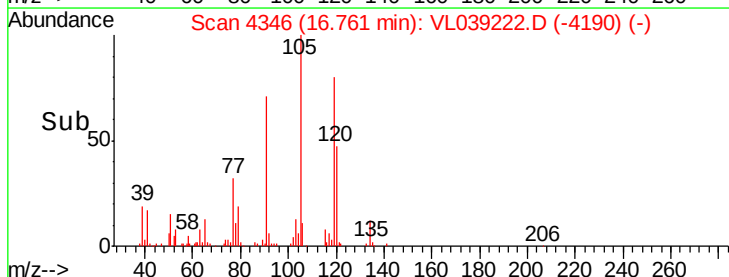
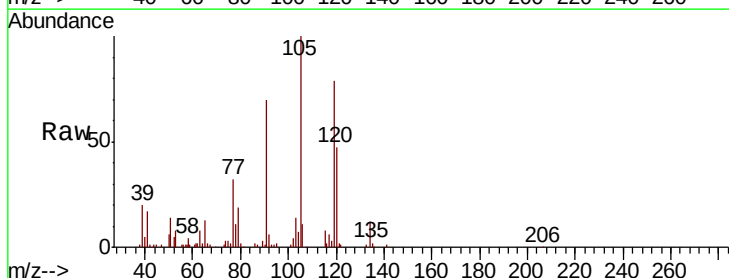
Ion Ratio Lower Upper

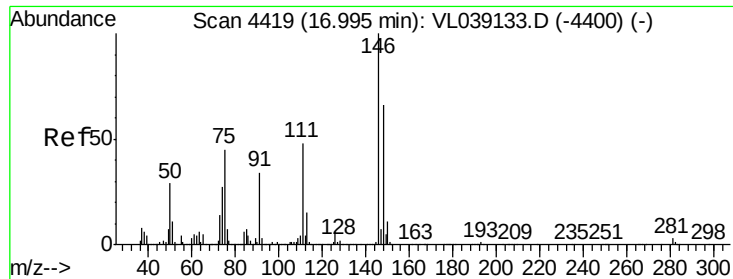
105 100

120 46.6 38.1 57.1

91 70.1 47.4 71.0

77 31.8 19.5 29.3#





#75

1,3-Dichlorobenzene

Concen: 0.663 ppbv m

RT: 17.00

Delta R.T. MSVOA_L

Lab File:

Acq: 7 Jun 2022 23:35

ClientSampleId :

LOQ-AIR-02-QT2-2022

Tot Ion:1

Ion Rati

146 100

111 51.

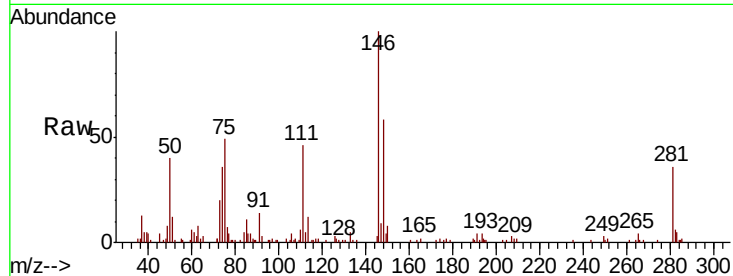
148 64.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/10/2022

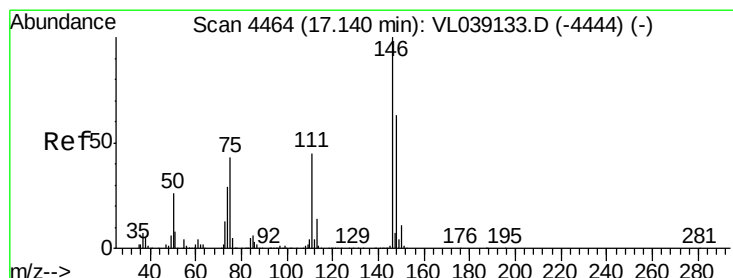
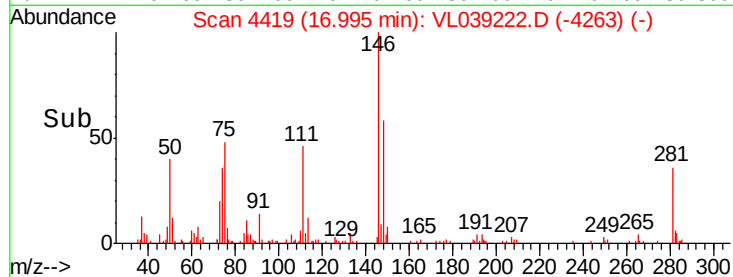
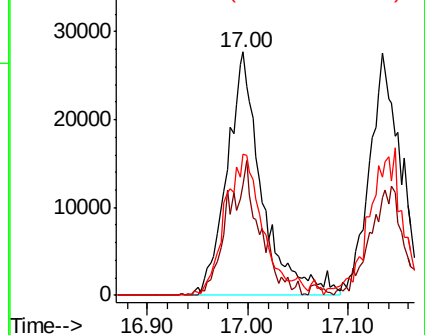
Supervised By :Mahesh Dadoda 06/10/2022



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 0.641 ppbv m

RT: 17.13 min Scan# 4462

Delta R.T. -0.01 min

Lab File: VL039222.D

Acq: 7 Jun 2022 23:35

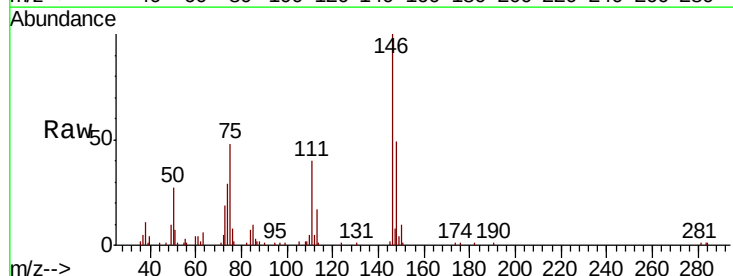
Tgt Ion:146 Resp: 64565

Ion Ratio Lower Upper

146 100

111 49.3 23.6 71.0

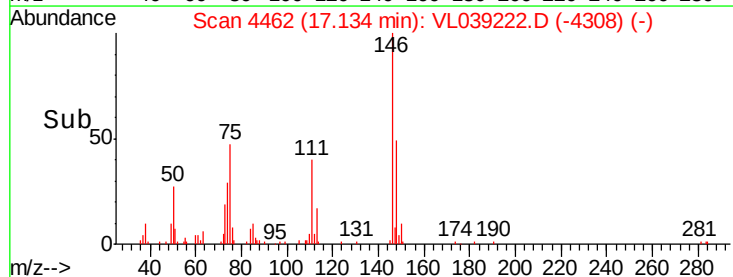
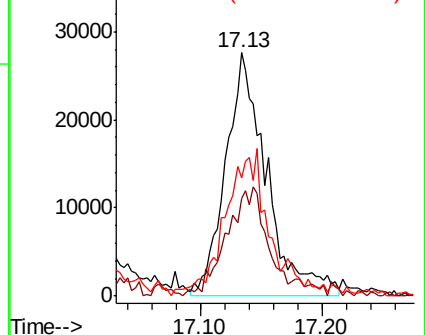
148 67.2 33.7 101.0

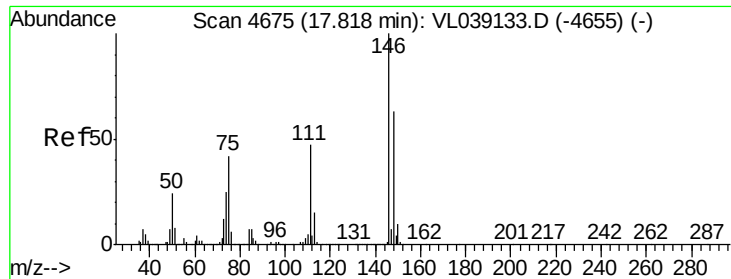


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



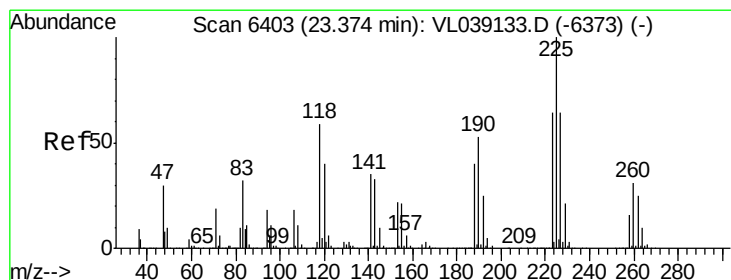
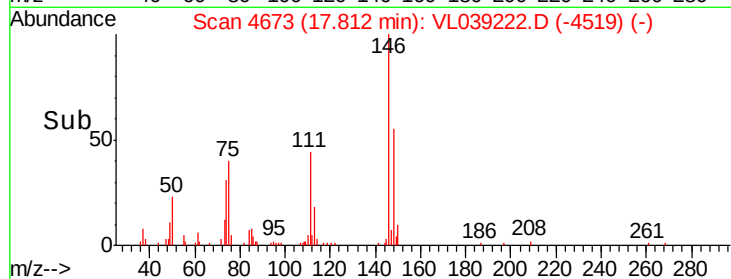
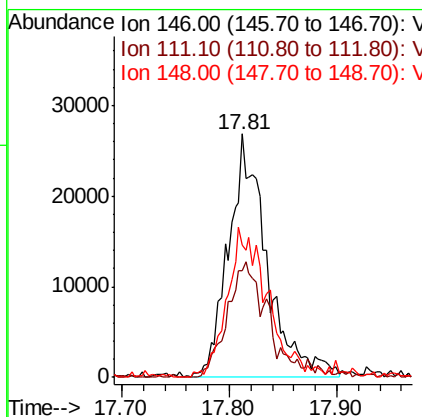
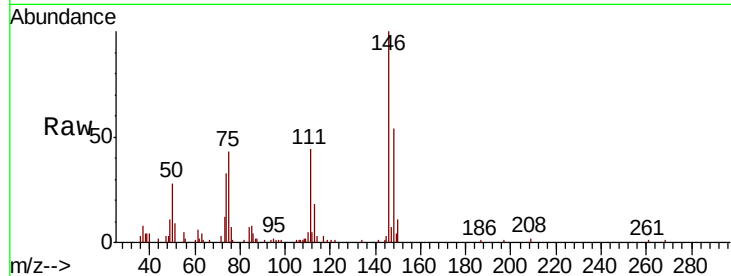


#77
 1,2-Dichlorobenzene
 Concen: 0.650 ppbv m
 RT: 17.81 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 7 Jun 2022 23:35

Tot Ion:1
 Ion Rati
 146 100
 111 52.
 148 65.

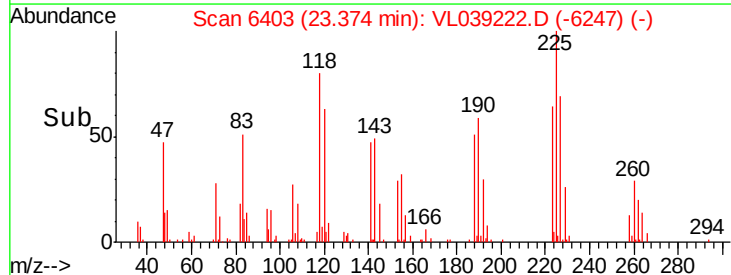
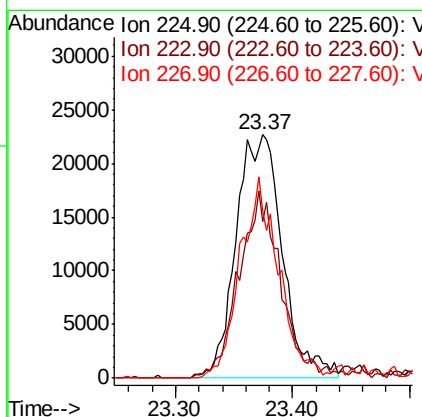
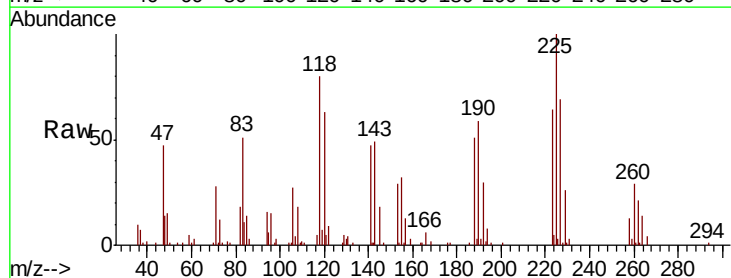
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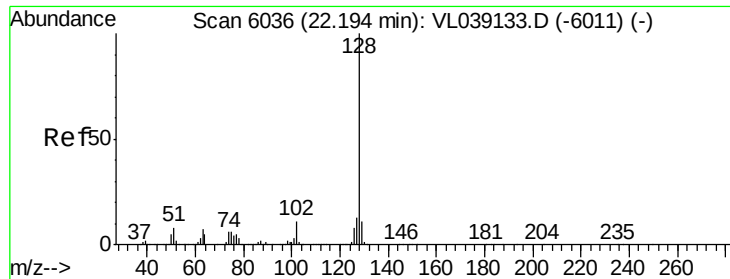
Reviewed By :Semsettin Yesilyurt 06/10/2022
 Supervised By :Mahesh Dadoda 06/10/2022



#78
 Hexachloro-1,3-Butadiene
 Concen: 0.668 ppbv m
 RT: 23.37 min Scan# 6403
 Delta R.T. 0.00 min
 Lab File: VL039222.D
 Acq: 7 Jun 2022 23:35

Tgt Ion:225 Resp: 62176
 Ion Ratio Lower Upper
 225 100
 223 0.0 51.4 77.0#
 227 0.0 50.6 75.8#



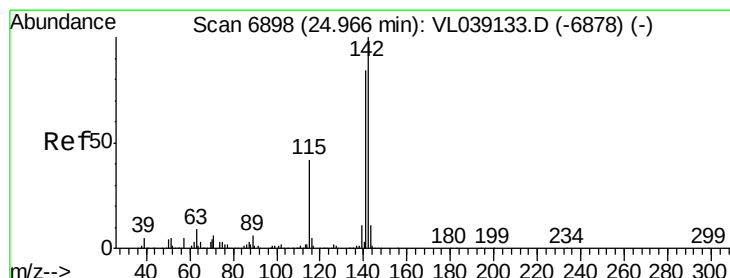
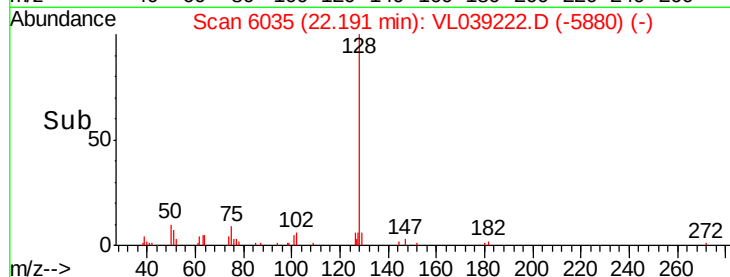
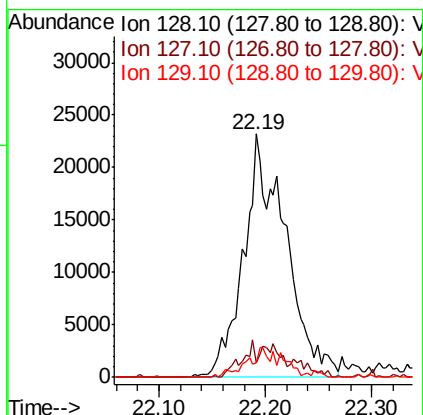
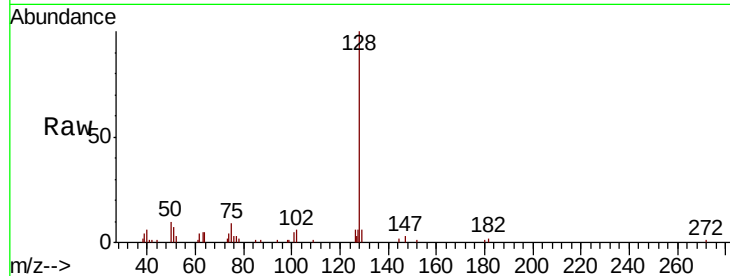


#79
Naphthalene
Concen: 0.460 ppbv m
RT: 22.19 min
Instrument: MSVOA_1
Delta R.T.: 0.01 min
Lab File: ClientSampleId :
Acq: 7 Jun 2022 23:35

Tot Ion:1
Ion Rati
128 100
127 6.
129 5.

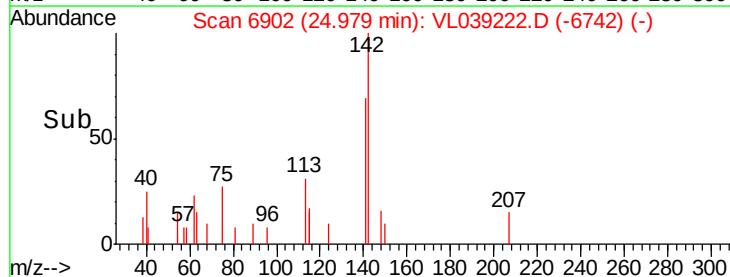
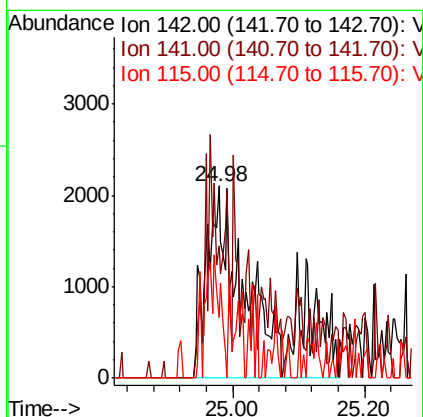
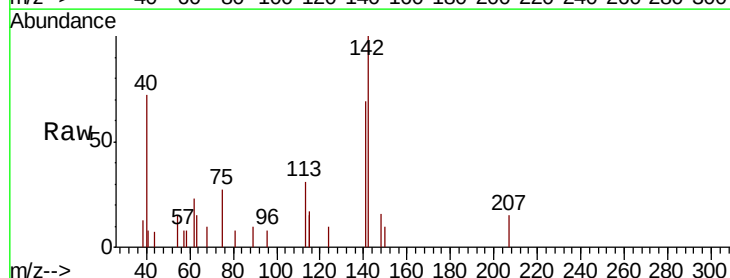
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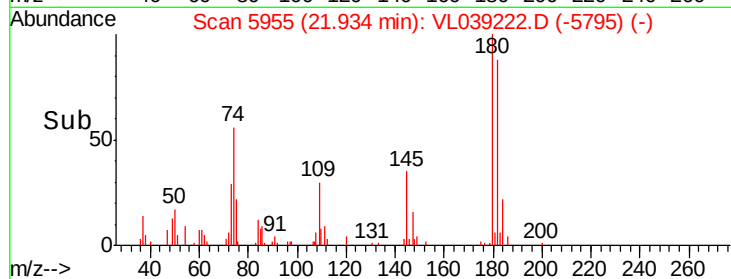
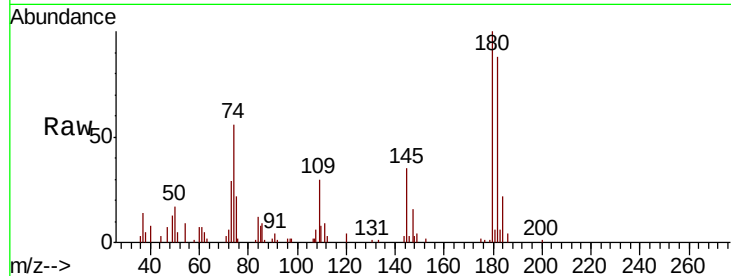
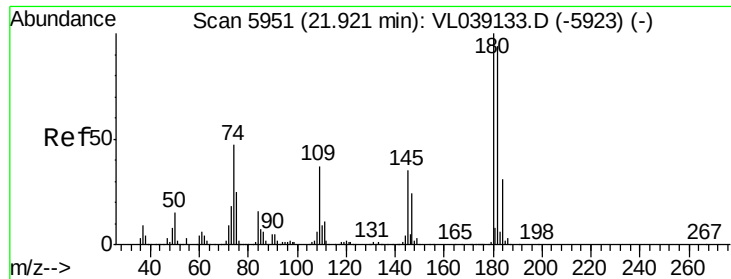
Reviewed By :Semsettin Yesilyurt 06/10/2022
Supervised By :Mahesh Dadoda 06/10/2022



#80
Naphthalene, 2-methyl-
Concen: 0.213 ppbv m
RT: 24.98 min Scan# 6902
Delta R.T. 0.01 min
Lab File: VL039222.D
Acq: 7 Jun 2022 23:35

Tgt Ion:142 Resp: 10875
Ion Ratio Lower Upper
142 100
141 61.3 64.6 96.8#
115 22.7 32.7 49.1#





#81

1,2,4-Trichlorobenzene

Concen: 0.472 ppbv m

RT: 21.93

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Jun 2022 23:55

Tot Ion:1

Ion Rati

180 100

182 0.

184 0.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/10/2022

Supervised By :Mahesh Dadoda 06/10/2022

