

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090722\
 Data File : VL039616.D
 Acq On : 7 Sep 2022 12:51
 Operator : SY/AP
 Sample : VL0907ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VL0907ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/08/2022
 Supervised By : Mahesh Dadoda 09/08/2022

Quant Time: Sep 08 06:11:30 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081722A

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

QLast Update : Fri Aug 26 06:05:16 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.20	49	1031735	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	6.66	114	2756873	10.00	ppbv	0.00
55) Chlorobenzene-d5	11.47	117	2559276m	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.78	95	2020526	10.46	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.75	85	858709	6.255	ppbv 98
3) Chlorodifluoromethane	2.70	51	1190153	9.682	ppbv 96
4) Chloromethane	2.83	50	711853	9.614	ppbv 97
5) Vinyl Chloride	2.94	62	611243	10.229	ppbv 95
6) Bromomethane	3.14	94	251383	9.919	ppbv 95
7) Chloroethane	3.22	64	232515	10.385	ppbv 99
8) Dichlorotetrafluoroethane	2.88	85	1336753	9.101	ppbv 94
9) Propene	2.72	41	569365	10.123	ppbv 97
10) Heptane	7.59	43	1412093	10.841	ppbv 99
11) Trichlorofluoromethane	3.58	101	1494978	9.921	ppbv 98
12) 1,1,2-Trichlorotrifluoroet	4.09	101	1125298	10.097	ppbv 97
13) Ethanol	3.27	45	40971	10.136	ppbv 83
14) Bromoethene	3.39	108	477552	10.487	ppbv 99
15) Acetone	3.49	43	1115360	9.651	ppbv 97
16) 1,3-Butadiene	3.01	39	613465	10.173	ppbv 99
17) tert-Butyl alcohol	3.89	59	1096904	11.121	ppbv 99
18) 1,1-Dichloroethene	3.90	96	499899	9.959	ppbv 99
19) Isopropyl Alcohol	3.59	45	664503	11.819	ppbv # 94
20) Methylene Chloride	3.95	84	428850	9.134	ppbv 95
21) Allyl Chloride	4.01	41	811127	10.789	ppbv 99
22) trans-1,2-Dichloroethene	4.46	96	495710	9.929	ppbv 95
23) Vinyl Acetate	4.64	43	586754	10.677	ppbv 100
24) 1,1-Dichloroethane	4.58	63	1078056	10.598	ppbv 99
25) Ethyl Acetate	5.22	43	2527131	10.219	ppbv 100
26) Hexane	5.23	57	1046338	10.367	ppbv 97
27) Carbon Disulfide	4.14	76	1272078	11.798	ppbv 99
28) Methyl tert-Butyl Ether	4.60	73	914176	10.499	ppbv 97
29) Chloroform	5.29	83	1578857	10.002	ppbv 97
30) Cyclohexane	6.61	84	864075	10.339	ppbv 94
31) cis-1,2-Dichloroethene	5.10	61	1021830	10.452	ppbv 99
32) 1,1,1-Trichloroethane	6.01	97	1534739	11.052	ppbv 100
34) 2-Butanone	4.80	43	1259997	9.193	ppbv 97
35) Carbon Tetrachloride	6.50	117	1617977	10.857	ppbv 97
36) Benzene	6.38	78	2203330	10.485	ppbv 97
37) 1,2-Dichloroethane	5.82	62	1183766	10.226	ppbv 99
38) Trichloroethene	7.30	130	1224676	10.876	ppbv 98
39) 1,2-Dichloropropane	7.09	63	831313	10.521	ppbv 95
40) 1,4-Dioxane	7.30	88	322089	10.412	ppbv 92
41) Tetrahydrofuran	5.57	42	890154	10.872	ppbv 96
42) Bromodichloromethane	7.26	83	1711854	10.807	ppbv 97
43) Methyl Methacrylate	7.49	69	865275	11.418	ppbv 98

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Quant Time: Sep 08 06:11:30 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081722A

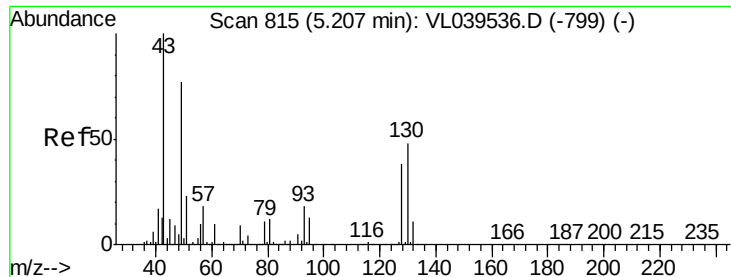
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Fri Aug 26 06:05:16 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.34	57	3679937	10.388	ppbv	99
45) t-1,3-Dichloropropene	8.72	75	850216	12.883	ppbv	98
46) cis-1,3-Dichloropropene	8.15	75	1137676	12.446	ppbv	99
47) 1,1,2-Trichloroethane	8.91	97	905047	10.030	ppbv	100
48) Dibromochloromethane	9.72	129	1500788	11.283	ppbv	99
49) Bromoform	12.41	173	1243307	11.285	ppbv	100
50) 4-Methyl-2-Pentanone	8.19	43	2283207	10.693	ppbv	99
51) 2-Hexanone	9.56	43	1772772	11.280	ppbv	99
52) Tetrachloroethene	10.62	164	828985	10.427	ppbv	99
53) Toluene	9.23	91	2595065	11.034	ppbv	99
54) 1,2-Dibromoethane	10.01	107	1088801	10.788	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.52	131	1081165	10.397	ppbv	97
57) Chlorobenzene	11.53	112	1930015	10.108	ppbv #	97
58) Ethyl Benzene	12.10	91	3380997	11.498	ppbv	97
59) m/p-Xylene	12.38	91	5742832m	21.770	ppbv	
60) o-Xylene	13.07	91	2744471	10.839	ppbv	100
61) Styrene	12.90	104	1654449	12.267	ppbv	99
62) Isopropylbenzene	14.03	105	3989952	10.420	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.05	83	1112513	9.278	ppbv	100
64) n-propylbenzene	14.92	120	1041448	10.465	ppbv	98
65) tert-Butylbenzene	16.09	119	3499520	10.281	ppbv	100
66) Benzyl Chloride	16.34	91	346565m	12.535	ppbv	
67) sec-Butylbenzene	16.64	105	4895034	10.154	ppbv	98
69) p-Isopropyltoluene	17.00	119	4085257	10.208	ppbv	100
70) n-Butylbenzene	17.89	91	4075144	10.235	ppbv	99
71) 2-Chlorotoluene	14.81	91	2915151	10.511	ppbv	100
72) 4-Ethyltoluene	15.20	105	3232015	10.916	ppbv	98
73) 1,3,5-Trimethylbenzene	15.36	105	2872101	10.615	ppbv	95
74) 1,2,4-Trimethylbenzene	16.11	105	3073392	10.194	ppbv	99
75) 1,3-Dichlorobenzene	16.34	146	1872254	10.214	ppbv	99
76) 1,4-Dichlorobenzene	16.48	146	1792494	9.815	ppbv	100
77) 1,2-Dichlorobenzene	17.15	146	1751523	9.758	ppbv	100
78) Hexachloro-1,3-Butadiene	22.63	225	1464080	10.242	ppbv	99
79) Naphthalene	21.39	128	3063964	14.270	ppbv	98
80) Naphthalene, 2-methyl-	24.38	142	1103695	12.666	ppbv	96
81) 1,2,4-Trichlorobenzene	21.15	180	1685209	11.754	ppbv	99

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.20 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Sep 2022 12:51 VL0907ABS01

Tot Ion:

Ion Ratio

49 100

128 49.

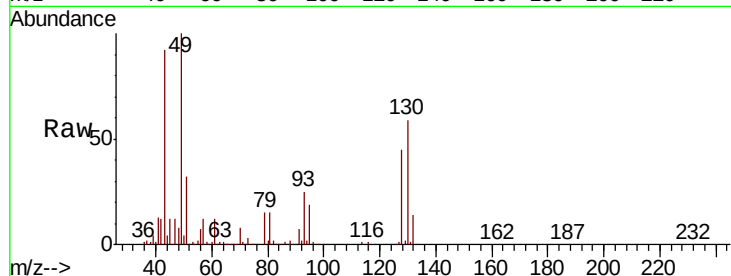
130 63.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/08/2022

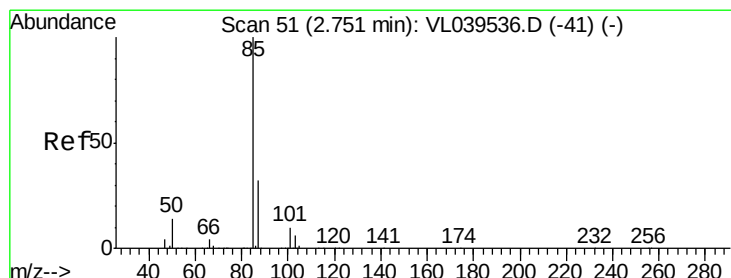
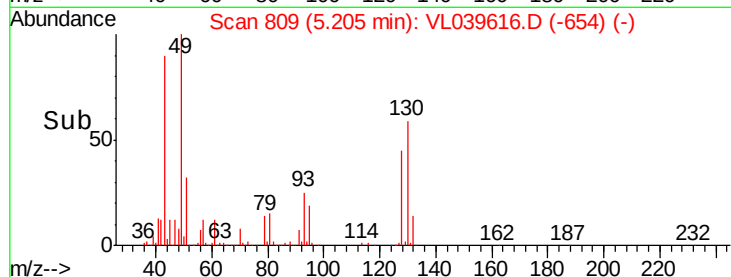
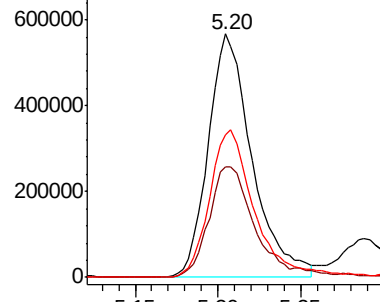
Supervised By :Mahesh Dadoda 09/08/2022



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 6.255 ppbv

RT: 2.75 min Scan# 46

Delta R.T. 0.00 min

Lab File: VL039616.D

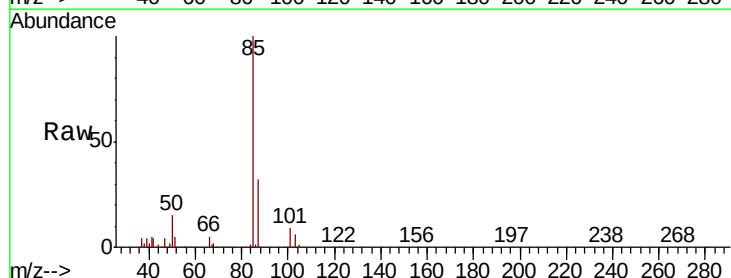
Acq: 7 Sep 2022 12:51

Tgt Ion: 85 Resp: 858709

Ion Ratio Lower Upper

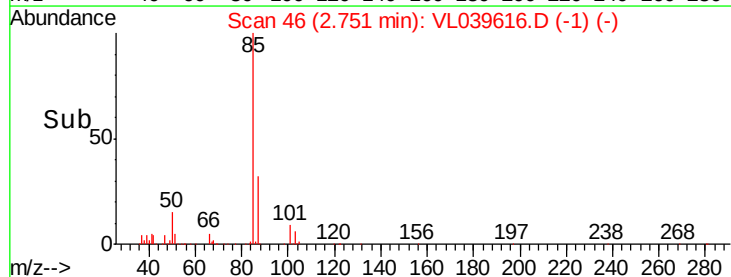
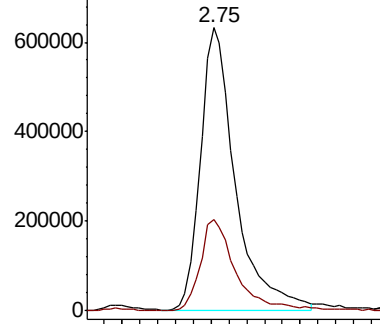
85 100

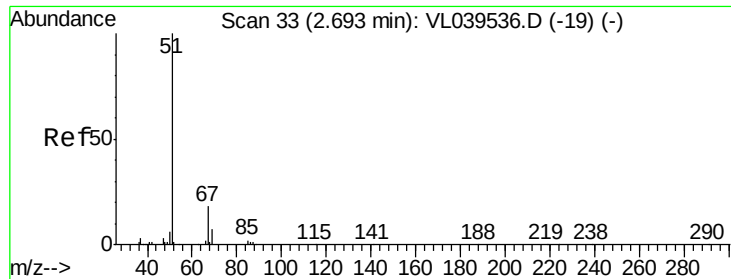
87 32.1 26.7 40.1



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 9.682 ppbv

RT: 2.70 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Sep 2022 12:51 VL0907ABS01

Tot Ion:

Ion Ratio

51 100

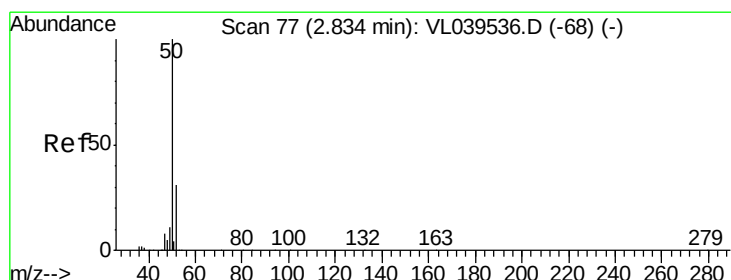
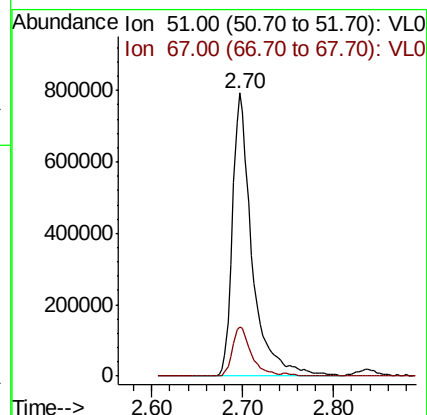
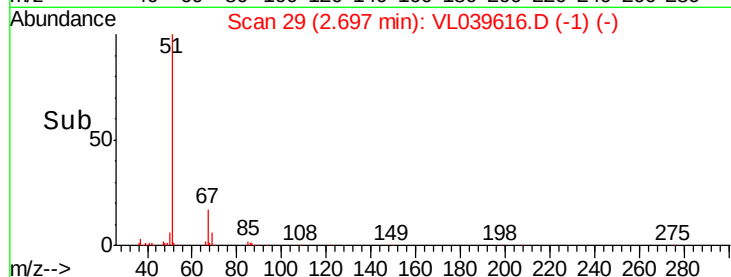
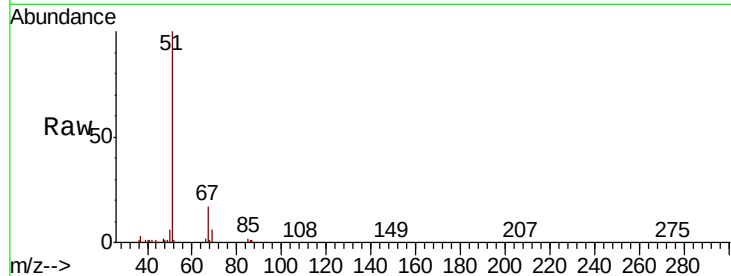
67 17.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#4

Chloromethane

Concen: 9.614 ppbv

RT: 2.83 min Scan# 72

Delta R.T. 0.00 min

Lab File: VL039616.D

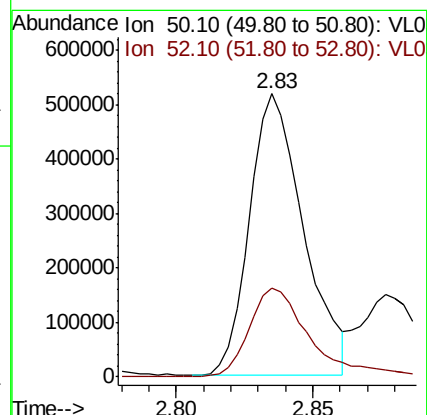
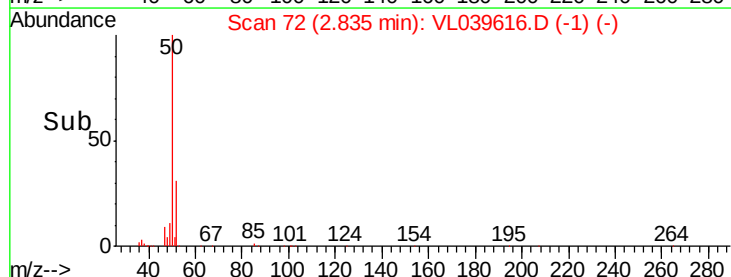
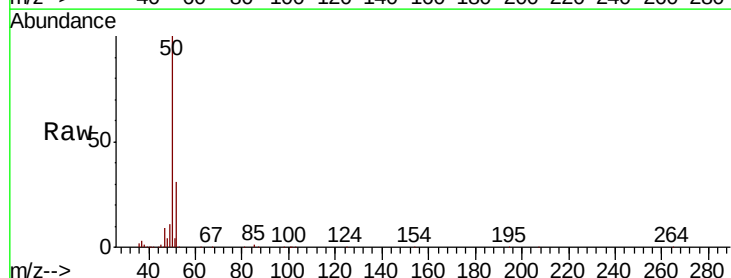
Acq: 7 Sep 2022 12:51

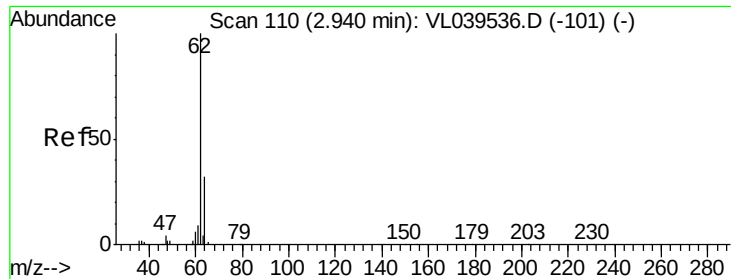
Tgt Ion: 50 Resp: 711853

Ion Ratio Lower Upper

50 100

52 31.4 26.5 39.7





#5

Vinyl Chloride

Concen: 10.229 ppbv

RT: 2.94 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Sep 2022 12:51 VL0907ABS01

Tot Ion:

Ion Ratio

62 100

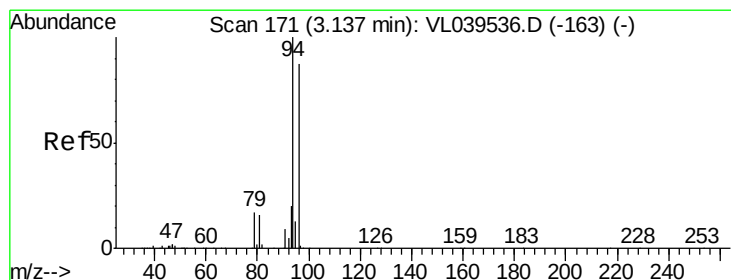
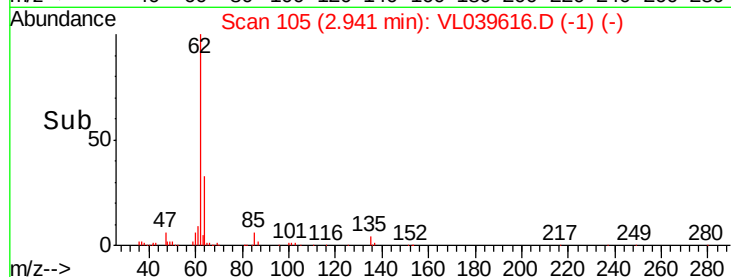
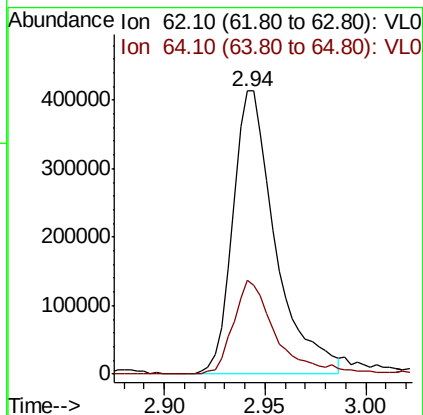
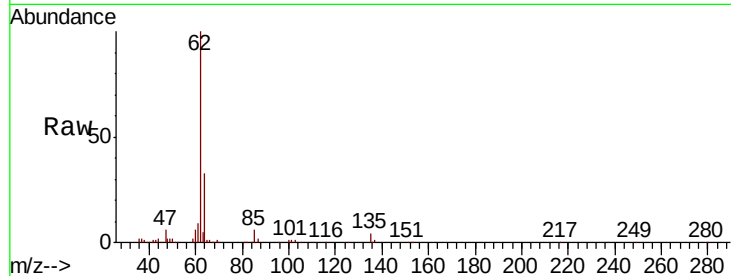
64 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#6

Bromomethane

Concen: 9.919 ppbv

RT: 3.14 min Scan# 167

Delta R.T. 0.00 min

Lab File: VL039616.D

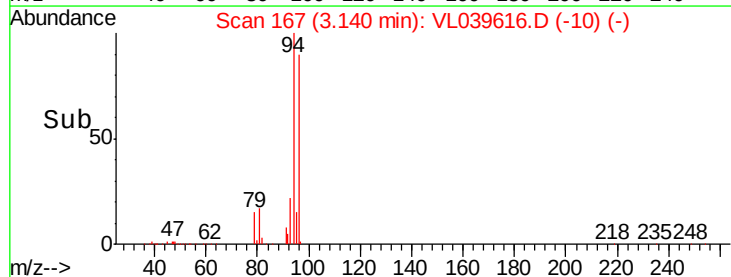
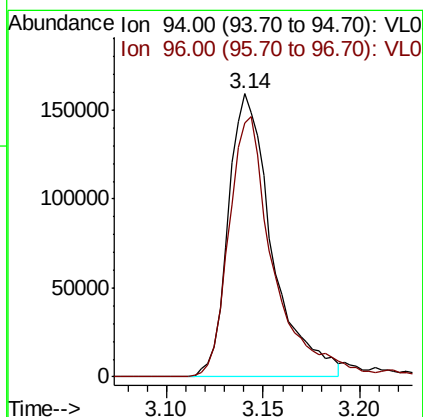
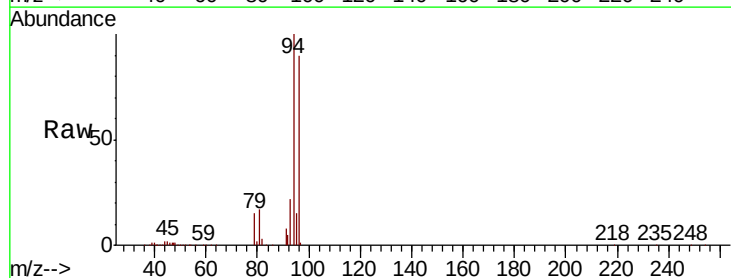
Acq: 7 Sep 2022 12:51

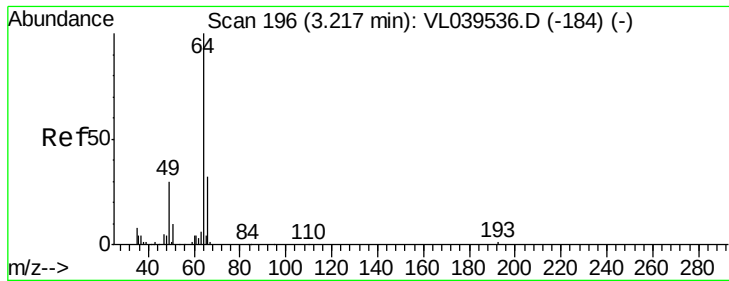
Tgt Ion: 94 Resp: 251383

Ion Ratio Lower Upper

94 100

96 89.5 75.6 113.4





#7

Chloroethane

Concen: 10.385 ppbv

RT: 3.22 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Sep 2022 12:51 VL0907ABS01

Tot Ion:

Ion Ratio

64 100

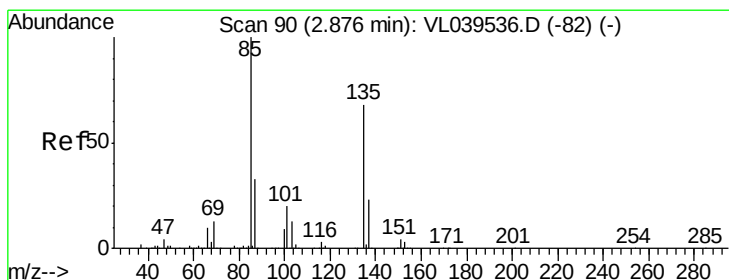
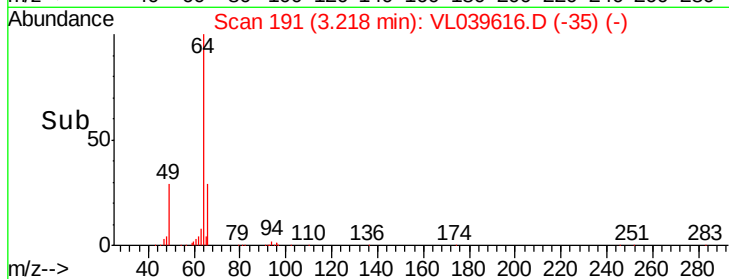
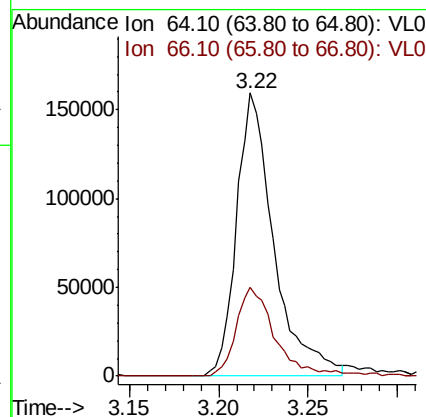
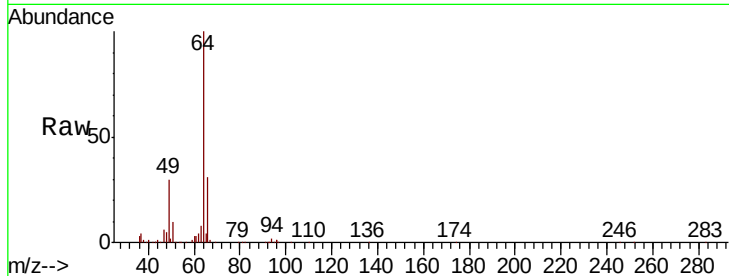
66 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#8

Dichlorotetrafluoroethane

Concen: 9.101 ppbv

RT: 2.88 min Scan# 86

Delta R.T. 0.00 min

Lab File: VL039616.D

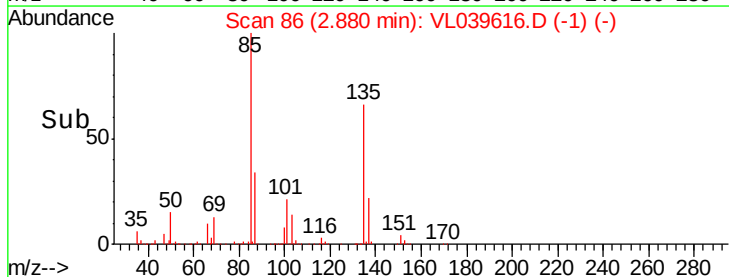
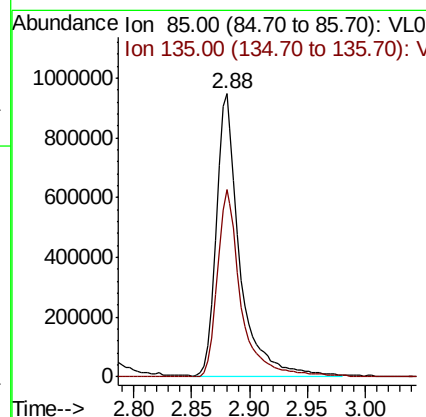
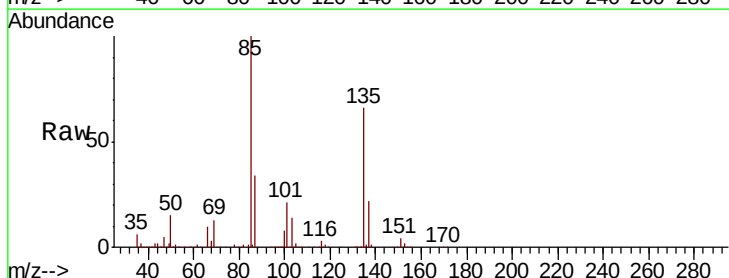
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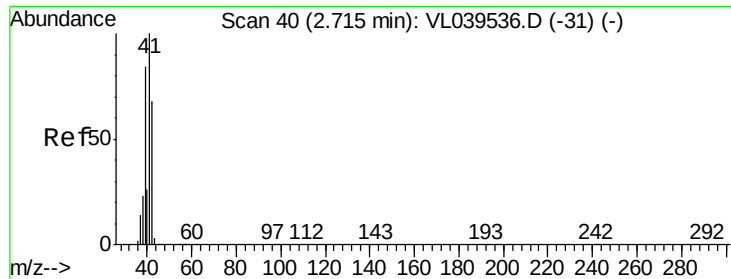
Tgt Ion: 85 Resp: 1336753

Ion Ratio Lower Upper

85 100

135 68.4 59.0 88.4



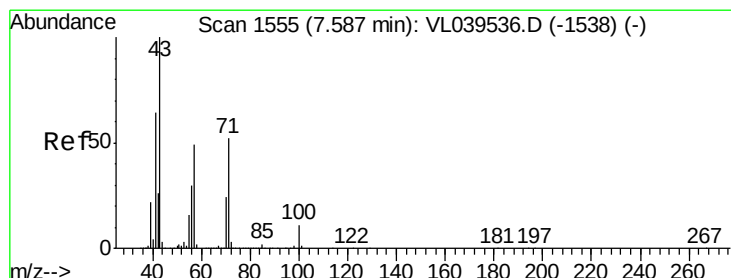
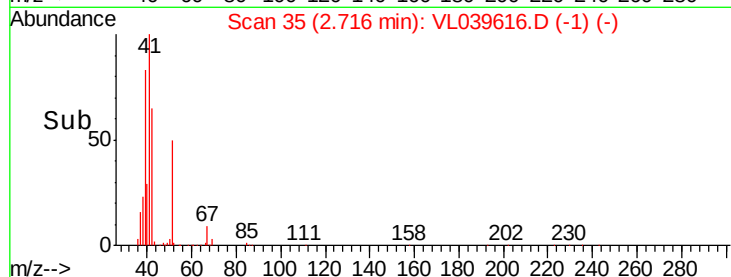
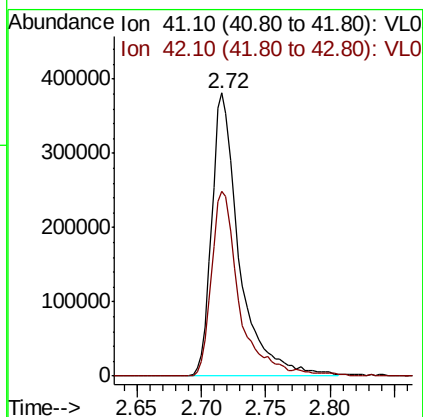
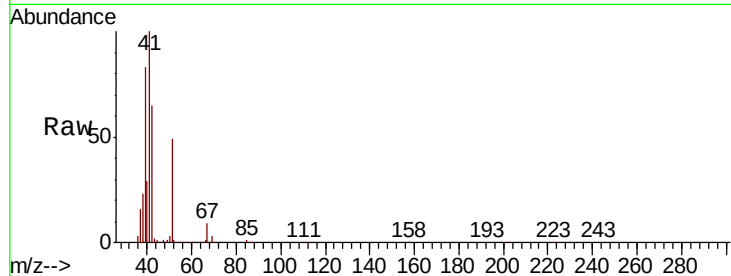


#9
 Propene
 Concen: 10.123 ppbv
 RT: 2.72
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0907ABS01
 Acq: 7 Sep 2022 12:51

Tot Ion:
 Ion Ratio
 41 100
 42 66.

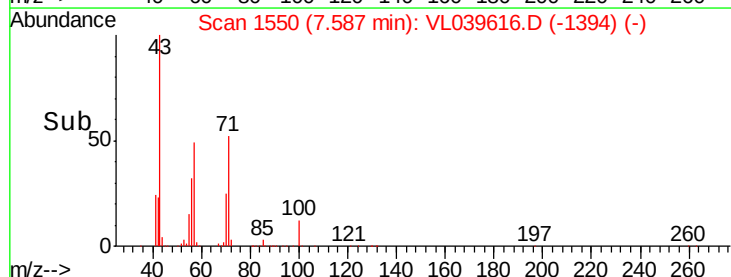
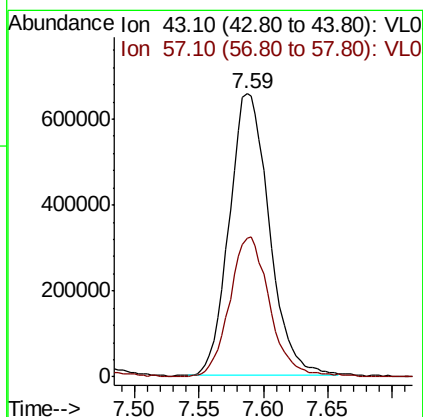
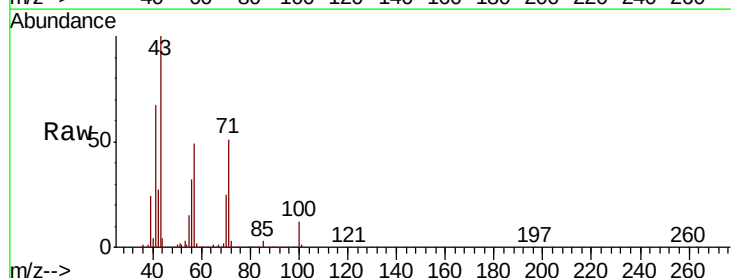
Manual Integrations
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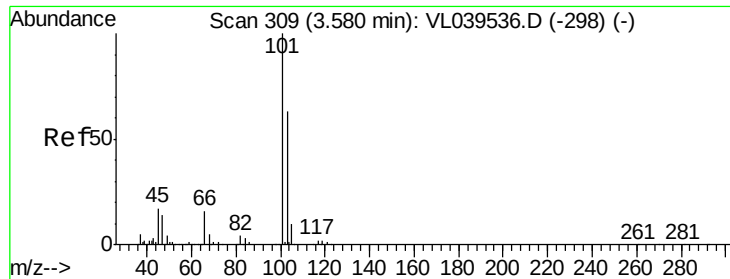
Reviewed By :Semsettin Yesilyurt 09/08/2022
 Supervised By :Mahesh Dadoda 09/08/2022



#10
 Heptane
 Concen: 10.841 ppbv
 RT: 7.59 min Scan# 1550
 Delta R.T. 0.00 min
 Lab File: VL039616.D
 Acq: 7 Sep 2022 12:51

Tgt Ion: 43 Resp: 1412093
 Ion Ratio Lower Upper
 43 100
 57 49.7 40.5 60.7



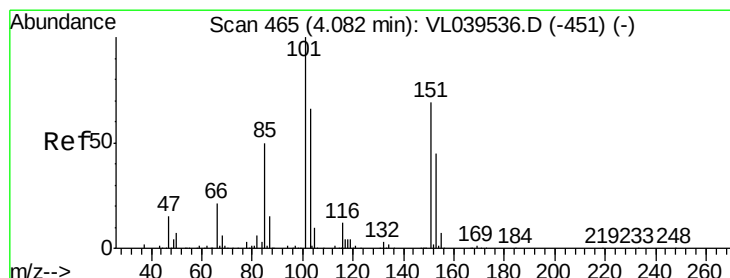
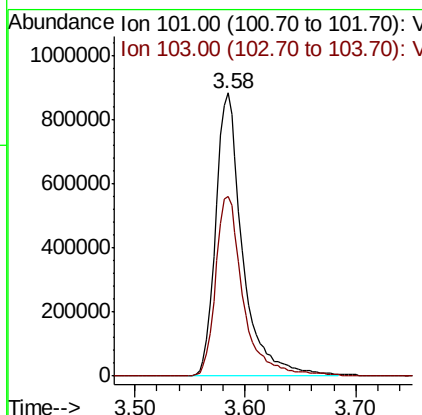
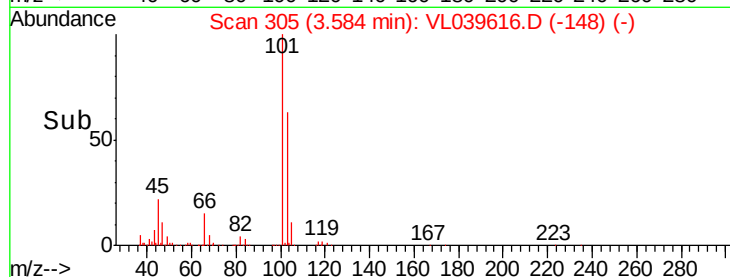
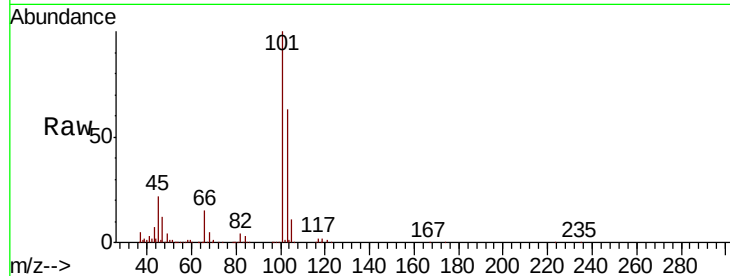


#11
 Trichlorofluoromethane
 Concen: 9.921 ppbv
 RT: 3.58
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0907ABS01
 Acq: 7 Sep 2022 12:51

Tot Ion:1
 Ion Rati
 101 100
 103 63.

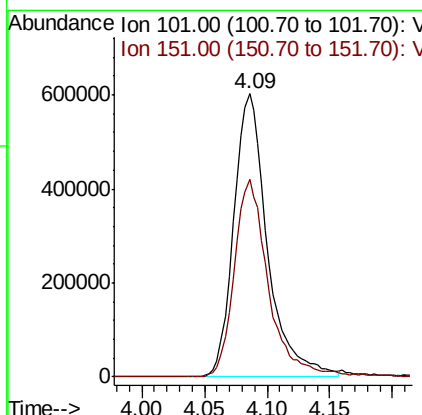
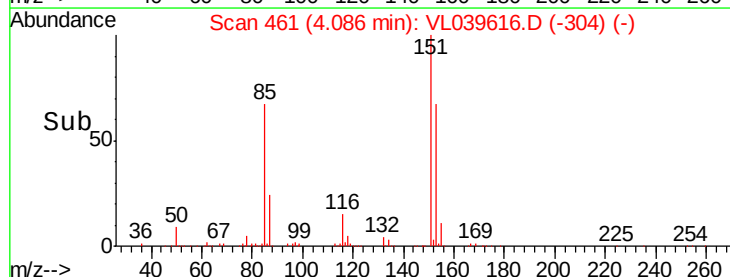
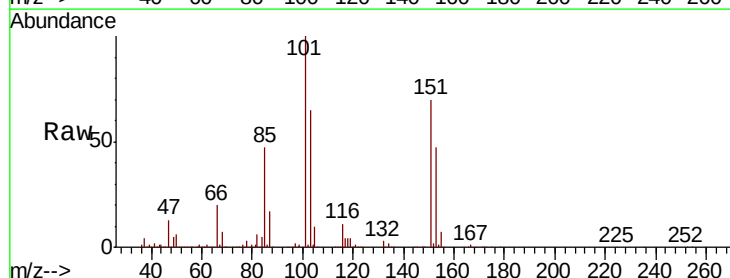
Manual Integrations
 APPROVED

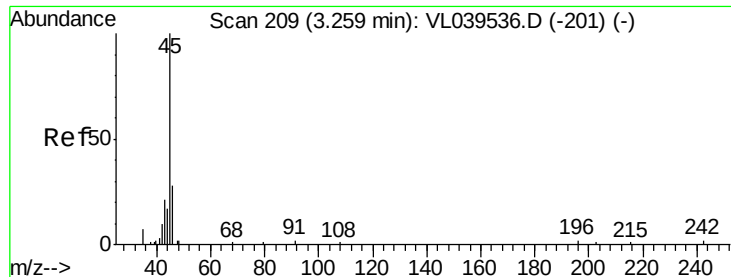
Reviewed By :Semsettin Yesilyurt 09/08/2022
 Supervised By :Mahesh Dadoda 09/08/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.097 ppbv
 RT: 4.09 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: VL039616.D
 Acq: 7 Sep 2022 12:51

Tgt Ion:101 Resp: 1125298
 Ion Ratio Lower Upper
 101 100
 151 71.3 58.9 88.3



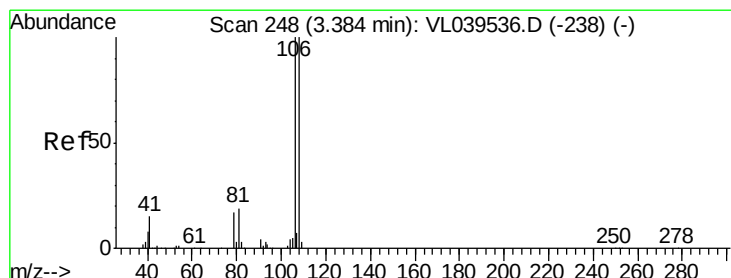
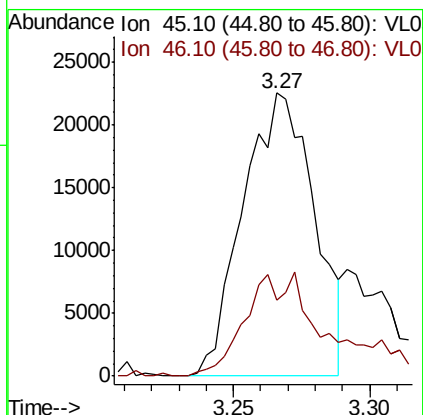
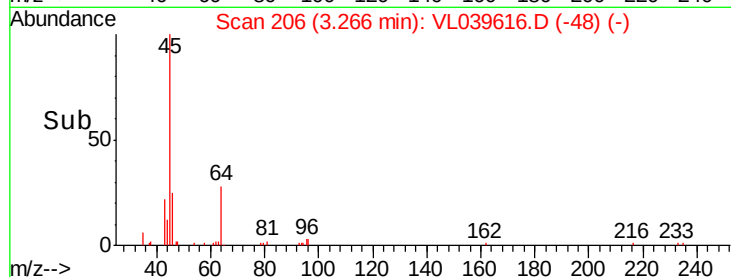
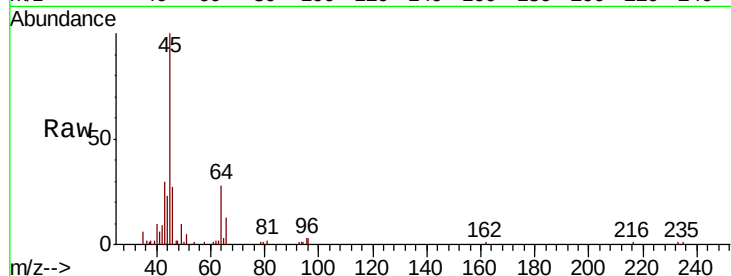


#13
Ethanol
Concen: 10.136 ppbv
RT: 3.27
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 7 Sep 2022 12:51

Tot Ion:
Ion Ratio
45 100
46 44.

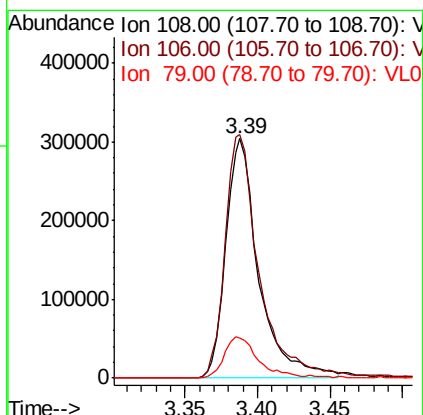
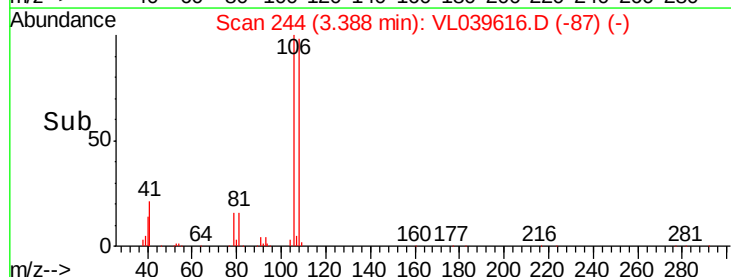
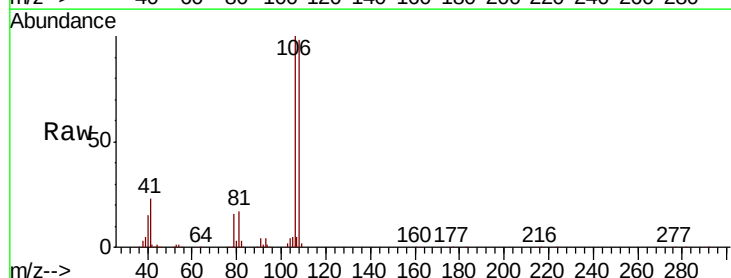
Manual Integrations
APPROVED

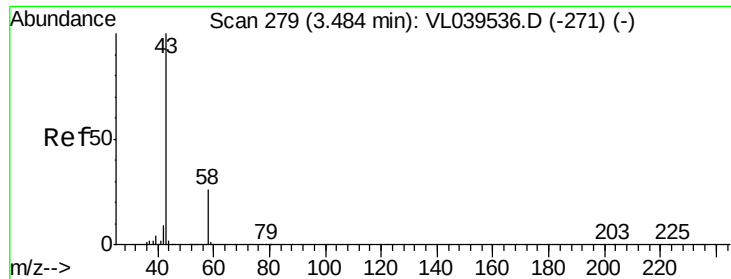
Reviewed By :Semsettin Yesilyurt 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#14
Bromoethene
Concen: 10.487 ppbv
RT: 3.39 min Scan# 244
Delta R.T. 0.00 min
Lab File: VL039616.D
Acq: 7 Sep 2022 12:51

Tgt Ion:108 Resp: 477552
Ion Ratio Lower Upper
108 100
106 107.7 87.1 130.7
79 18.5 14.6 22.0



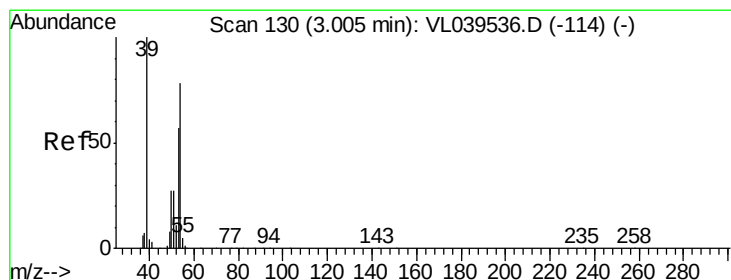
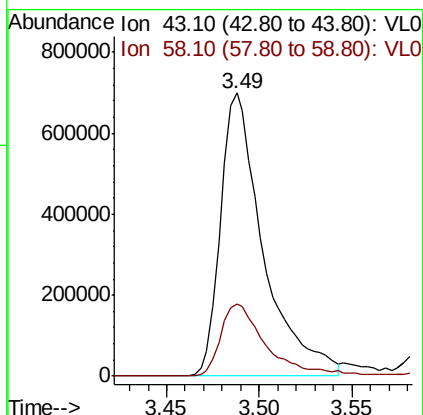
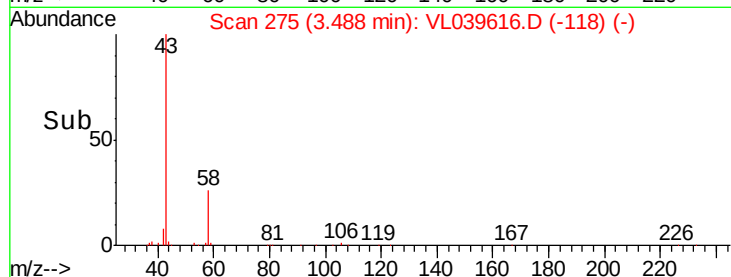
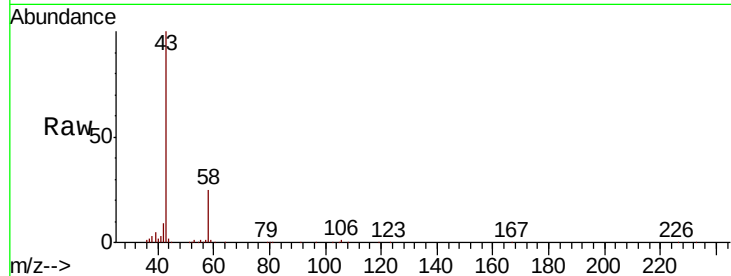


#15
Acetone
Concen: 9.651 ppbv
RT: 3.49
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VL0907ABS01
Acq: 7 Sep 2022 12:51

Tot Ion:
Ion Ratio
43 100
58 27.

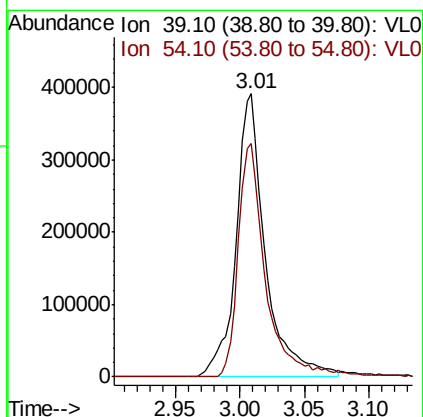
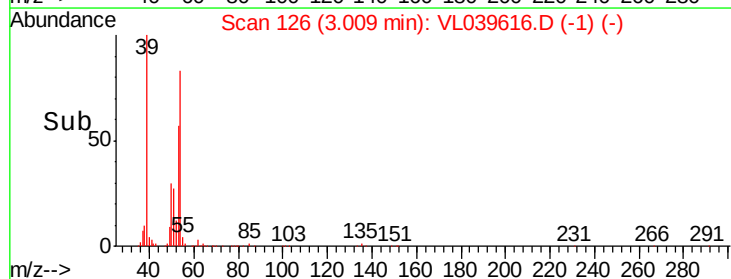
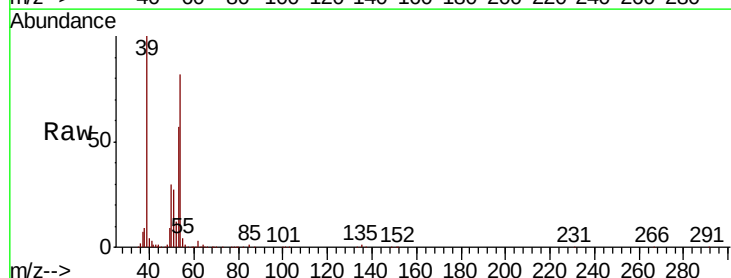
Manual Integrations
APPROVED

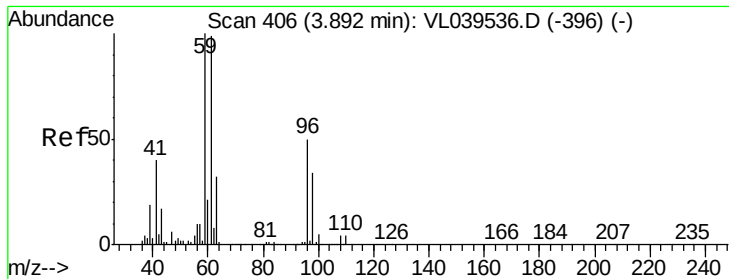
Reviewed By :Semsettin Yesilyurt 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#16
1,3-Butadiene
Concen: 10.173 ppbv
RT: 3.01 min Scan# 126
Delta R.T. 0.00 min
Lab File: VL039616.D
Acq: 7 Sep 2022 12:51

Tgt Ion: 39 Resp: 613465
Ion Ratio Lower Upper
39 100
54 78.8 63.7 95.5



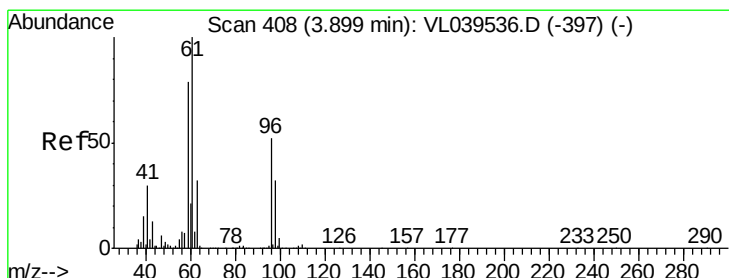
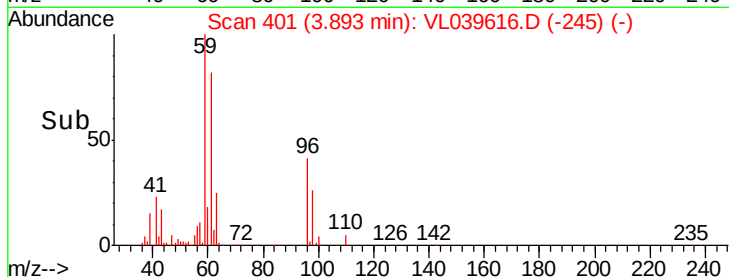
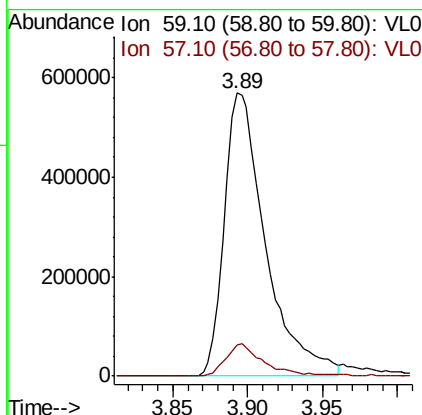
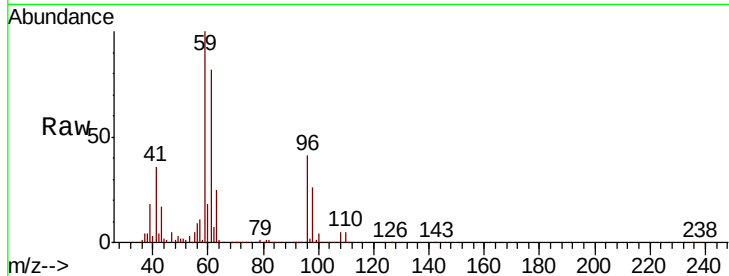


#17
 tert-Butyl alcohol
 Concen: 11.121 ppbv
 RT: 3.89 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0907ABS01
 Acq: 7 Sep 2022 12:51

Tot Ion:
 Ion Ratio
 59 100
 57 10.

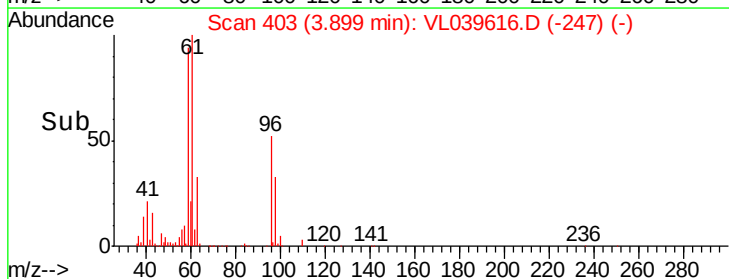
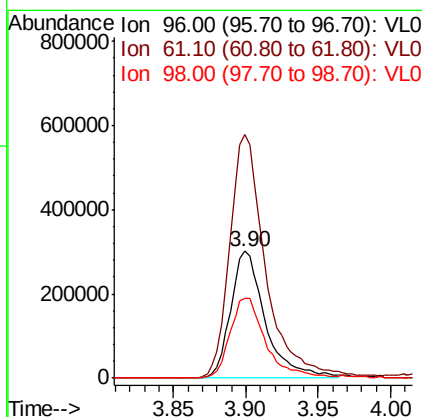
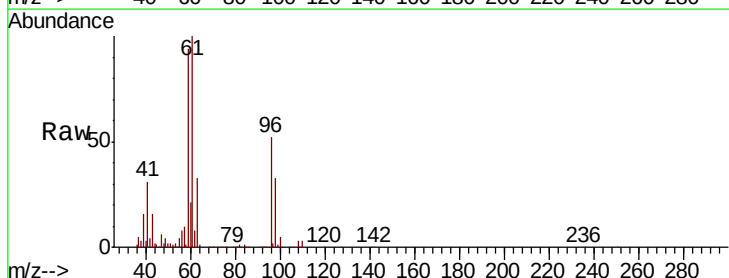
Manual Integrations
 APPROVED

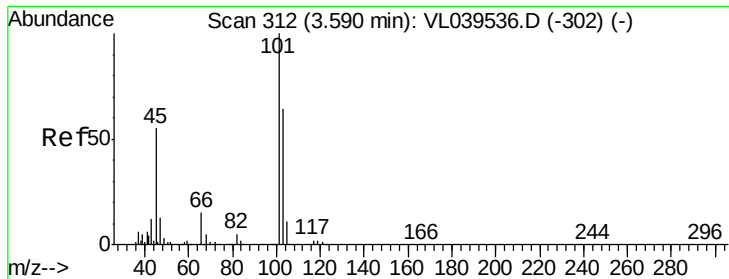
Reviewed By :Semsettin Yesilyurt 09/08/2022
 Supervised By :Mahesh Dadoda 09/08/2022



#18
 1,1-Dichloroethene
 Concen: 9.959 ppbv
 RT: 3.90 min Scan# 403
 Delta R.T. 0.00 min
 Lab File: VL039616.D
 Acq: 7 Sep 2022 12:51

Tgt Ion: 96 Resp: 499899
 Ion Ratio Lower Upper
 96 100
 61 191.9 152.2 228.4
 98 63.4 51.8 77.6



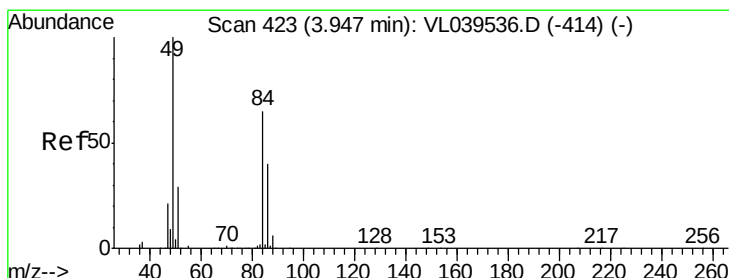
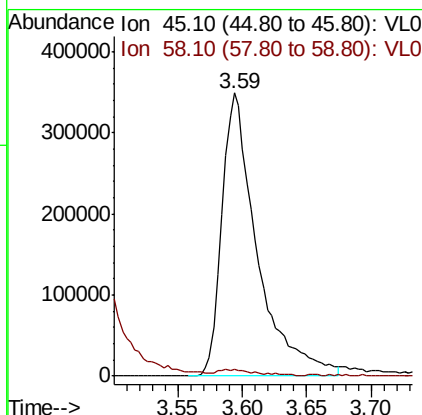
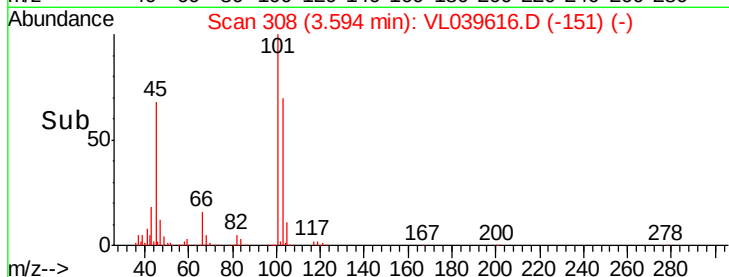
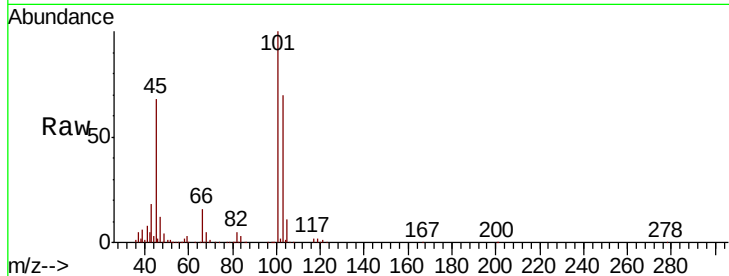


#19
Isopropyl Alcohol
Concen: 11.819 ppbv
RT: 3.59 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0907ABS01
Acq: 7 Sep 2022 12:51

Tot Ion:
Ion Ratio
45 100
58 2.

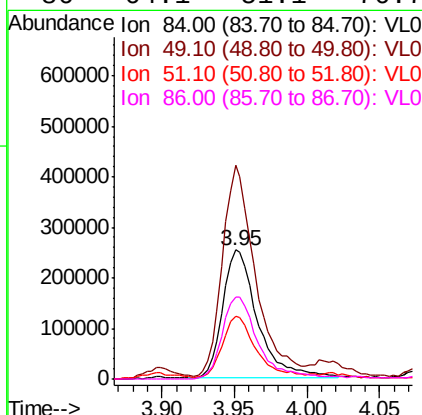
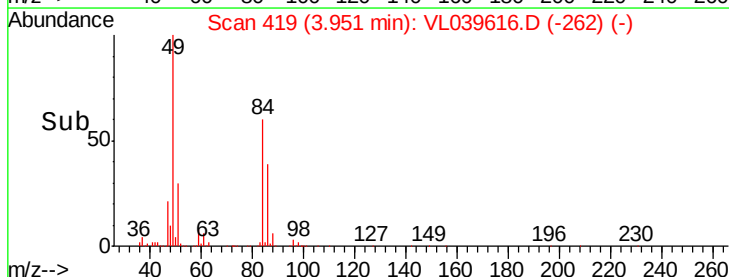
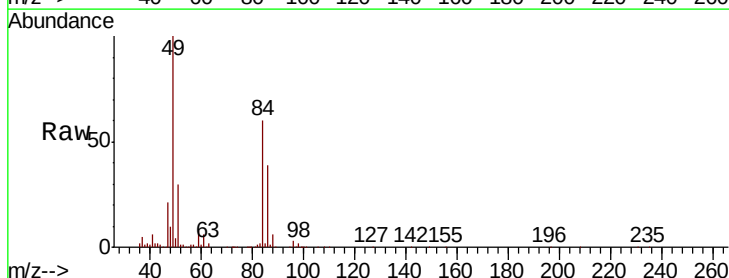
Manual Integrations
APPROVED

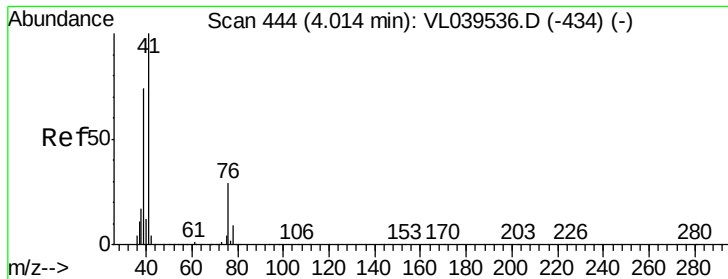
Reviewed By :Semsettin Yesilyurt 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#20
Methylene Chloride
Concen: 9.134 ppbv
RT: 3.95 min Scan# 419
Delta R.T.: 0.00 min
Lab File: VL039616.D
Acq: 7 Sep 2022 12:51

Tgt Ion: 84 Resp: 428850
Ion Ratio Lower Upper
84 100
49 163.6 123.1 184.7
51 46.4 34.4 51.6
86 64.1 51.1 76.7





#21

Allvl Chloride

Concen: 10.789 ppbv

RT: 4.01 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Sep 2022 12:51 VL0907ABS01

Tot Ion:

Ion Ratio

41 100

76 29.

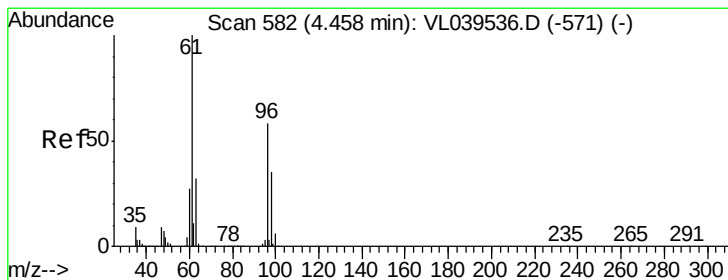
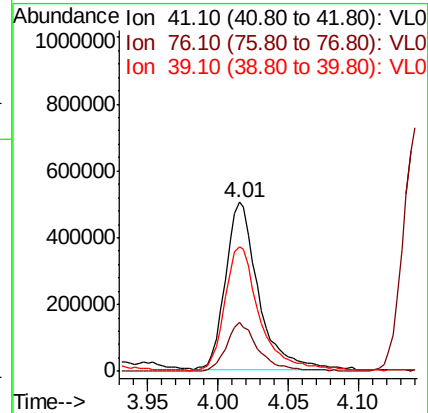
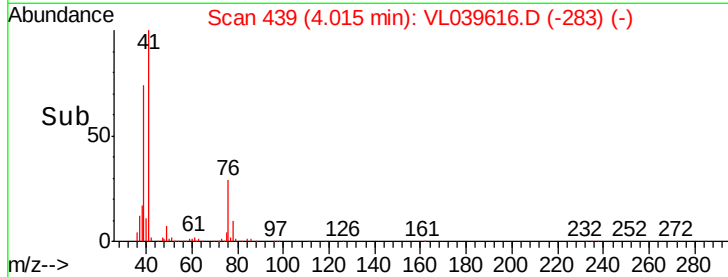
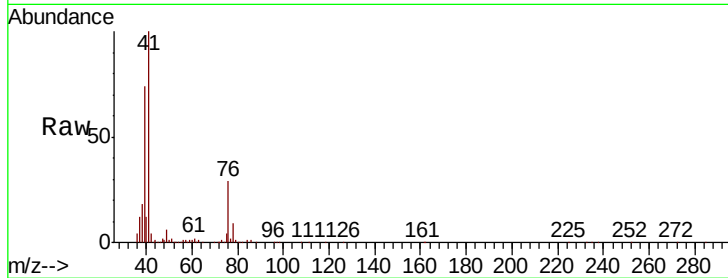
39 80.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#22

trans-1,2-Dichloroethene

Concen: 9.929 ppbv

RT: 4.46 min Scan# 578

Delta R.T. 0.00 min

Lab File: VL039616.D

Acq: 7 Sep 2022 12:51

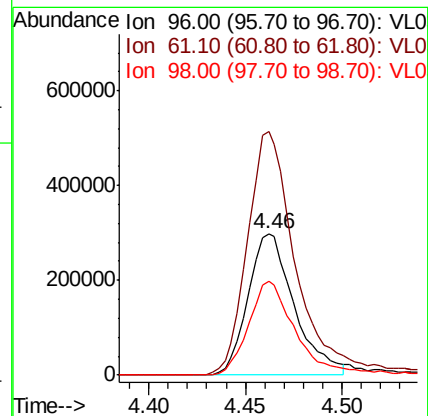
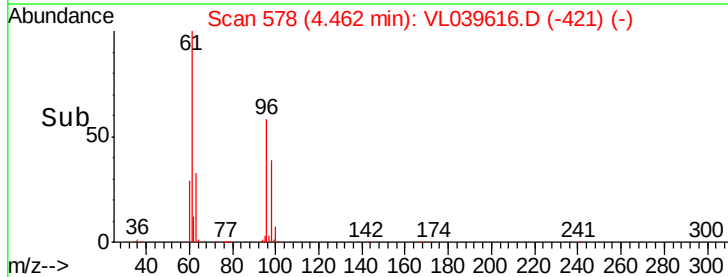
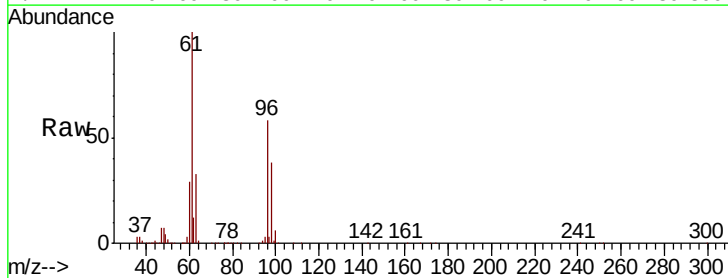
Tgt Ion: 96 Resp: 495710

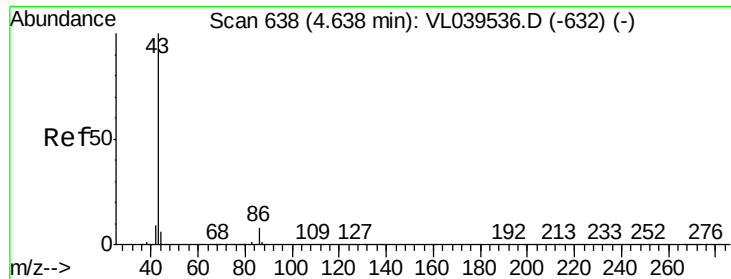
Ion Ratio Lower Upper

96 100

61 172.3 130.6 195.8

98 66.2 53.4 80.0



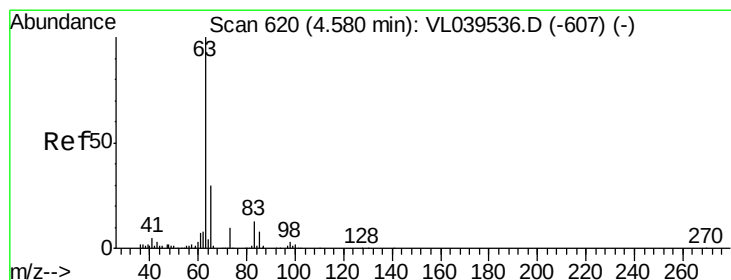
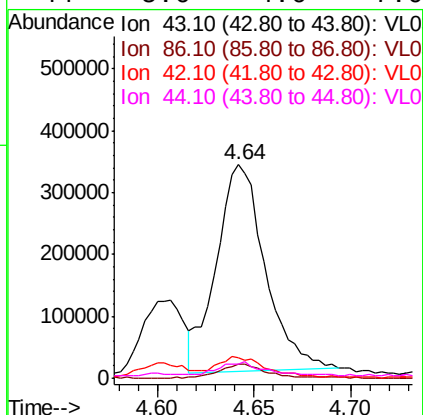
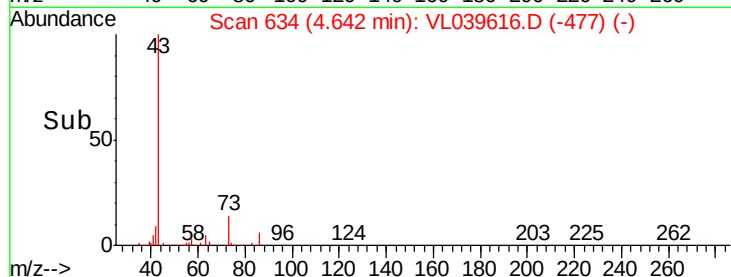
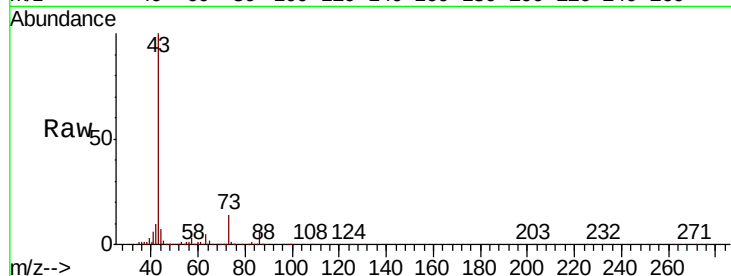


#23
 Vinyl Acetate
 Concen: 10.677 ppbv
 RT: 4.64
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 7 Sep 2022 12:51

Tot Ion:
 Ion Ratio
 43 100
 86 6.
 42 9.
 44 5.6 4.6 7.0

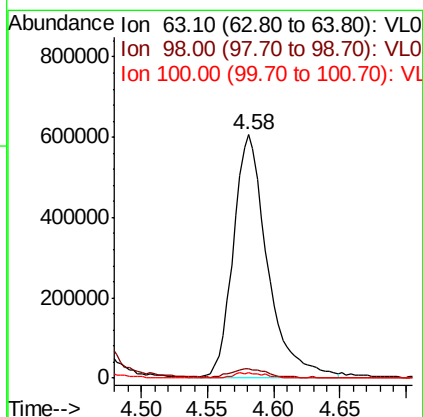
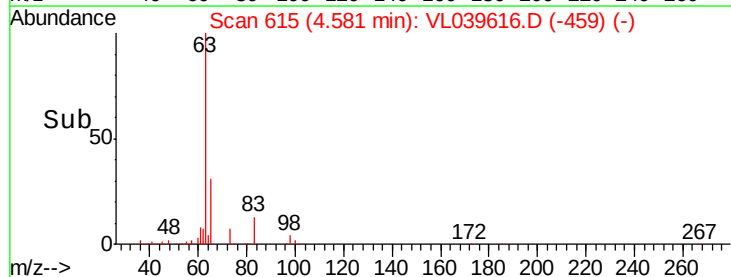
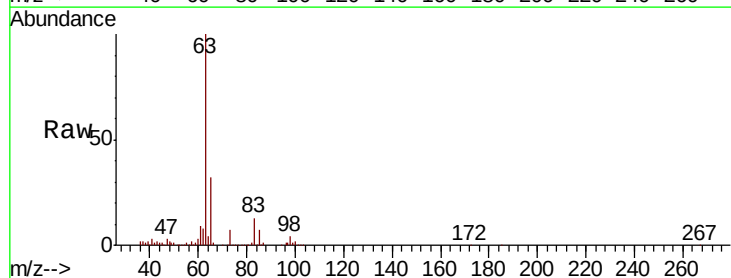
Manual Integrations
 APPROVED

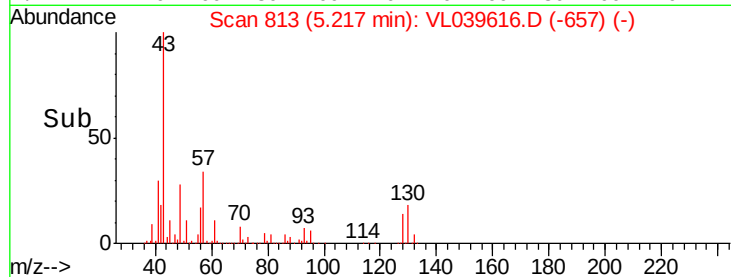
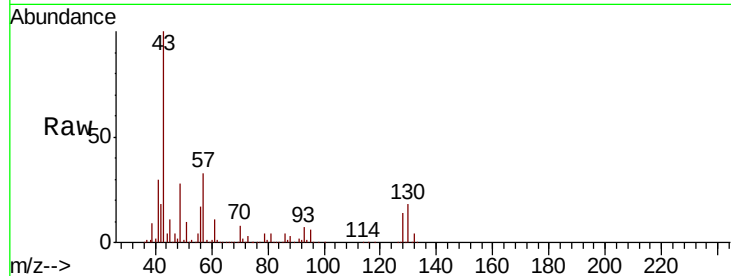
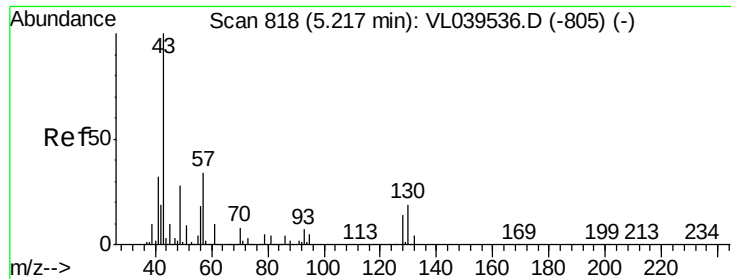
Reviewed By :Semsettin Yesilyurt 09/08/2022
 Supervised By :Mahesh Dadoda 09/08/2022



#24
 1,1-Dichloroethane
 Concen: 10.598 ppbv
 RT: 4.58 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: VL039616.D
 Acq: 7 Sep 2022 12:51

Tgt Ion: 63 Resp: 1078056
 Ion Ratio Lower Upper
 63 100
 98 3.7 1.8 5.3
 100 2.2 1.5 4.4



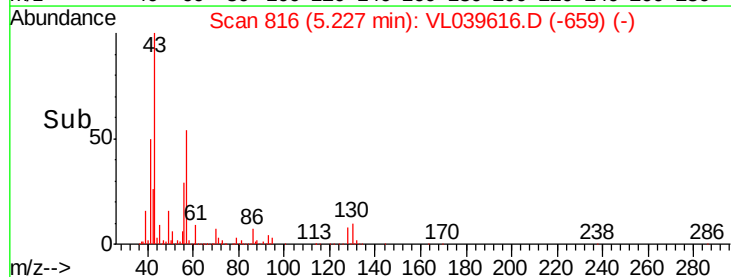
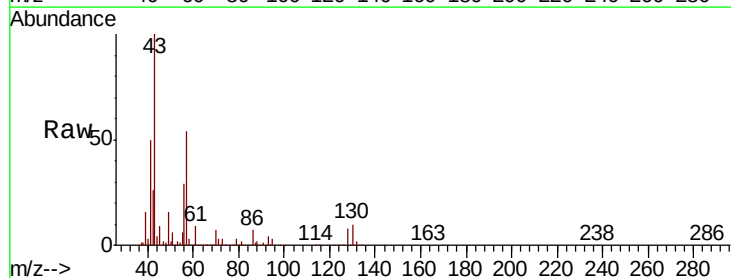
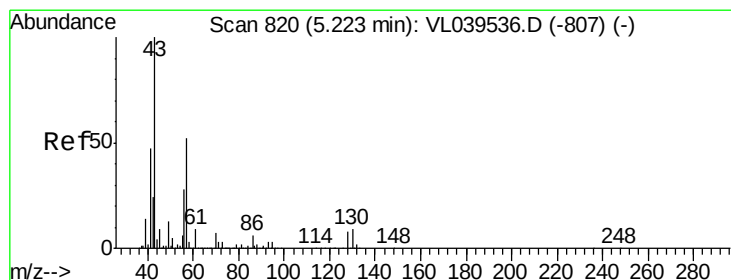
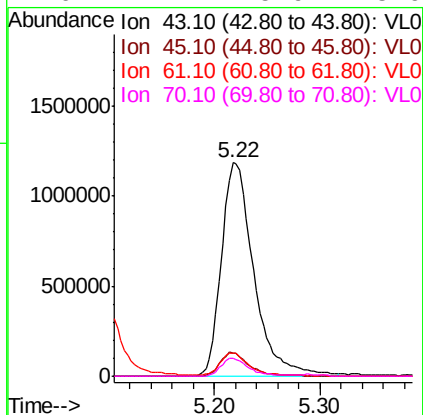


#25
Ethyl Acetate
Concen: 10.219 ppbv
RT: 5.22
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0907ABS01
Acq: 7 Sep 2022 12:51

Tot Ion:
Ion Ratio
43 100
45 10.
61 10.
70 7.2 5.9 8.9

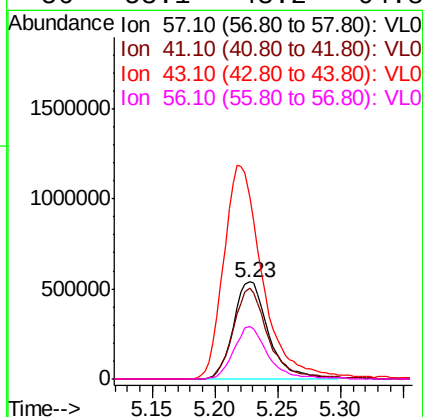
Manual Integrations
APPROVED

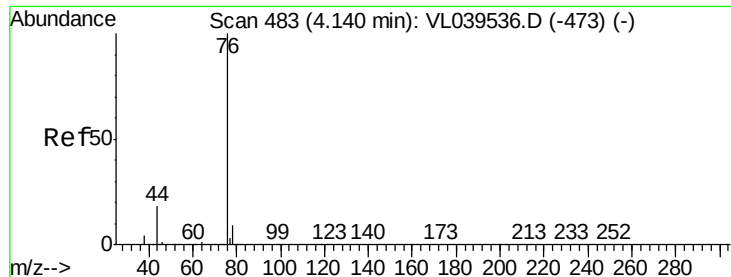
Reviewed By :Semsettin Yesilyurt 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#26
Hexane
Concen: 10.367 ppbv
RT: 5.23 min Scan# 816
Delta R.T.: 0.00 min
Lab File: VL039616.D
Acq: 7 Sep 2022 12:51

Tgt Ion: 57 Resp: 1046338
Ion Ratio Lower Upper
57 100
41 94.1 76.9 115.3
43 244.4 191.0 286.6
56 53.1 43.2 64.8





#27

Carbon Disulfide

Concen: 11.798 ppbv

RT: 4.14 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 7 Sep 2022 12:51

Tot Ion:

Ion Ratio

76 100

44 18.

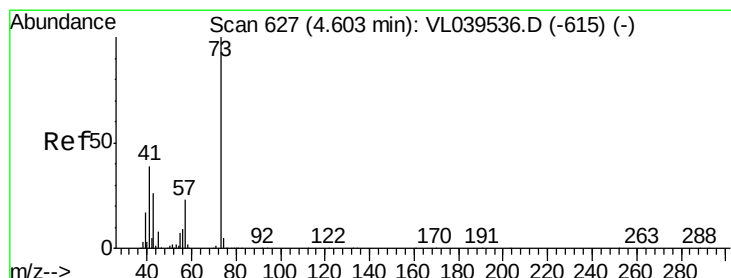
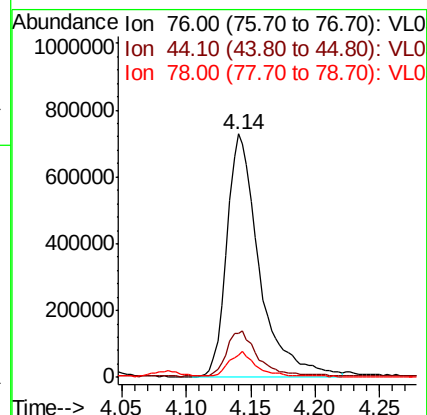
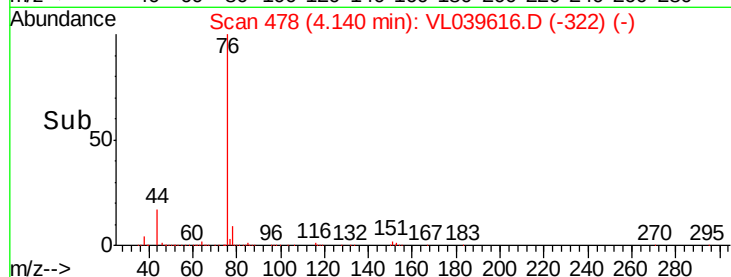
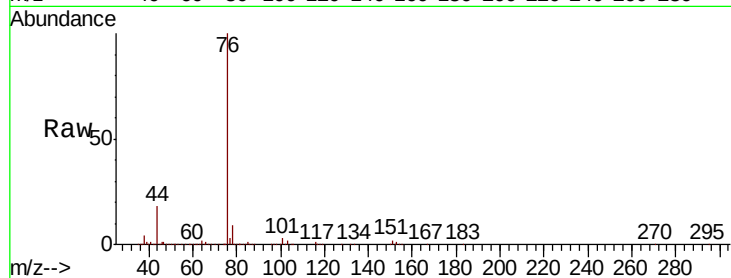
78 9.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#28

Methyl tert-Butyl Ether

Concen: 10.499 ppbv

RT: 4.60 min Scan# 622

Delta R.T. 0.00 min

Lab File: VL039616.D

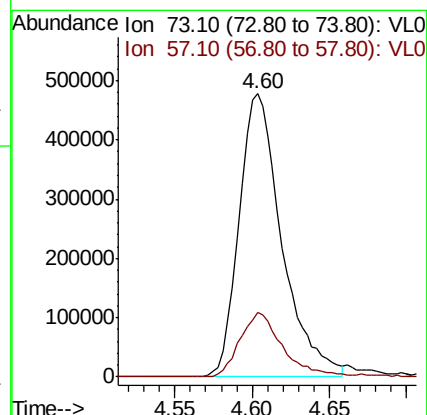
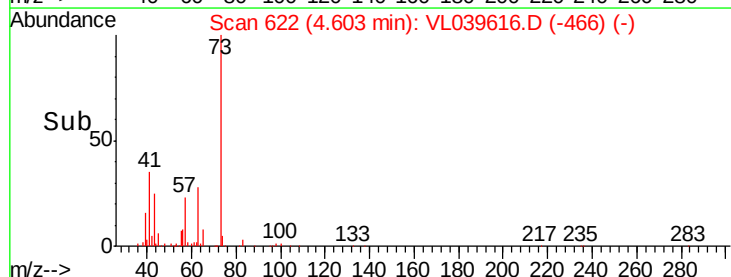
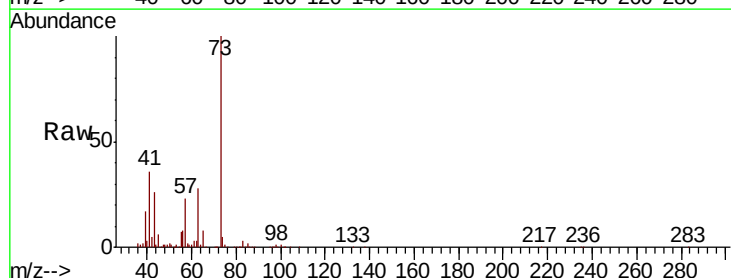
Acq: 7 Sep 2022 12:51

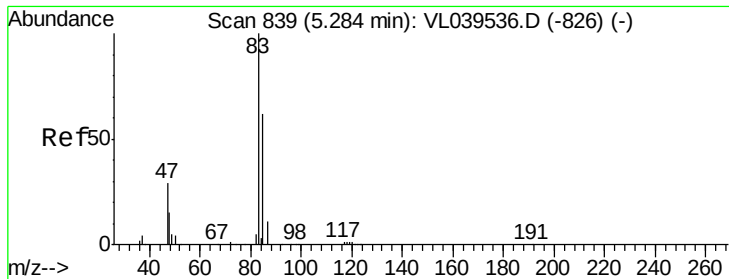
Tgt Ion: 73 Resp: 914176

Ion Ratio Lower Upper

73 100

57 23.4 19.8 29.8



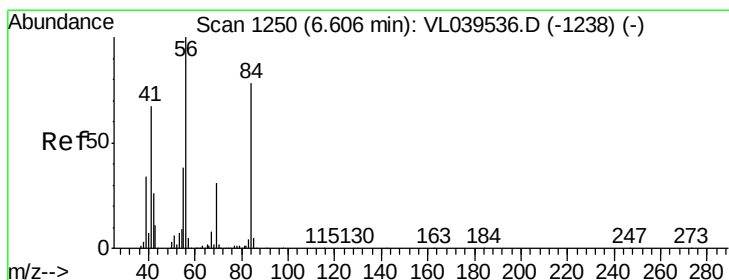
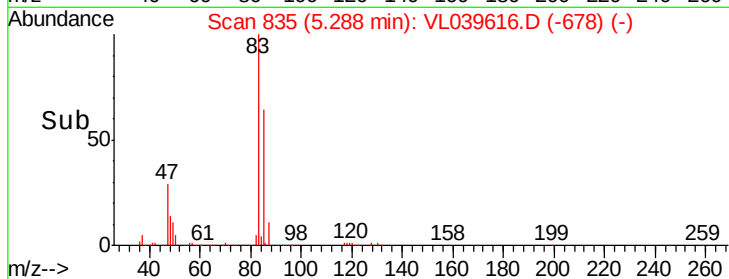
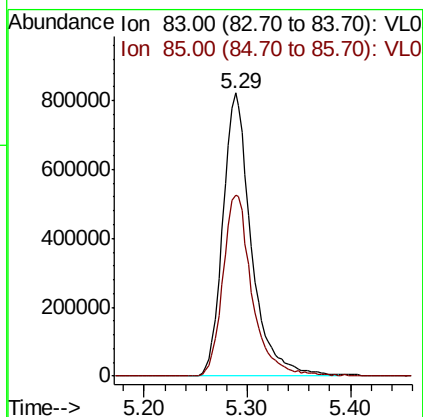
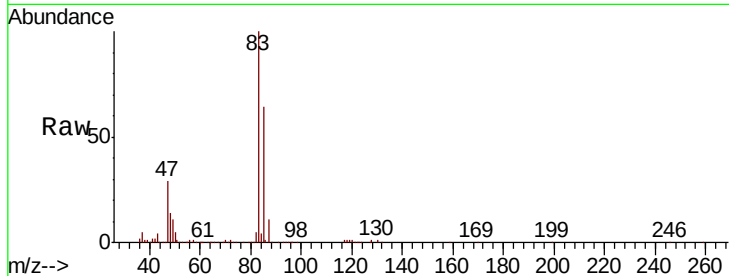


#29
Chloroform
Concen: 10.002 ppbv
RT: 5.29
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 7 Sep 2022 12:51

Tot Ion:
Ion Ratio
83 100
85 63.

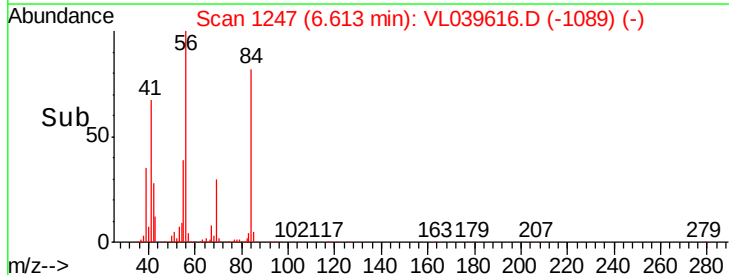
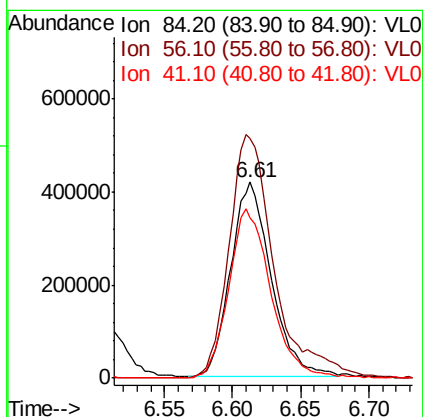
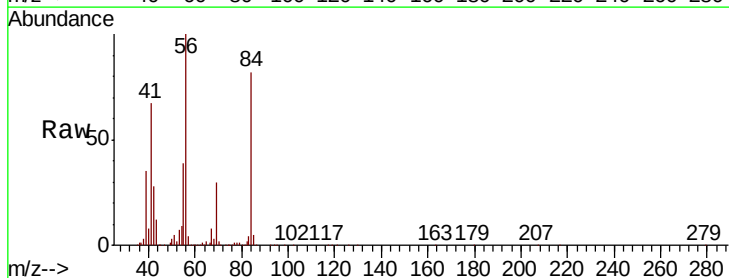
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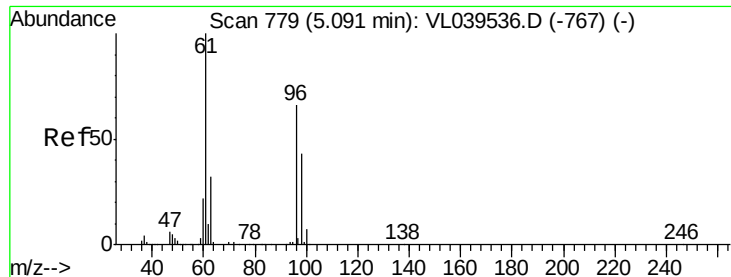
Reviewed By :Semsettin Yesilyurt 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#30
Cyclohexane
Concen: 10.339 ppbv
RT: 6.61 min Scan# 1247
Delta R.T. 0.01 min
Lab File: VL039616.D
Acq: 7 Sep 2022 12:51

Tgt Ion: 84 Resp: 864075
Ion Ratio Lower Upper
84 100
56 140.0 107.7 161.5
41 91.2 67.7 101.5





#31

cis-1,2-Dichloroethene

Concen: 10.452 ppbv

RT: 5.10 Instrument :

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 7 Sep 2022 12:51 VL0907ABS01

Tot Ion:

Ion Ratio

61 100

96 67.

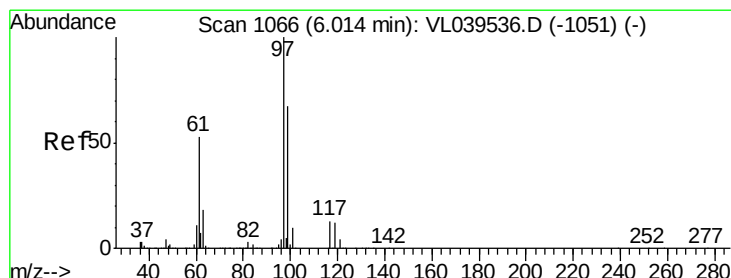
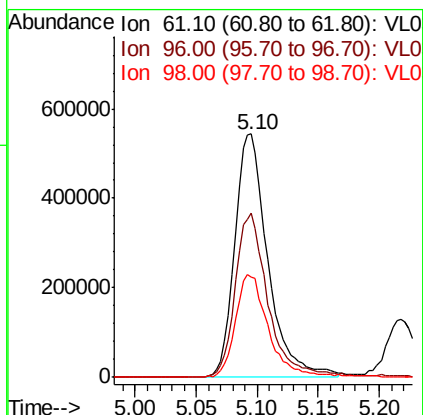
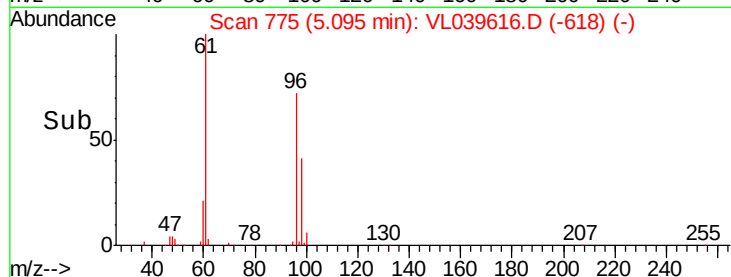
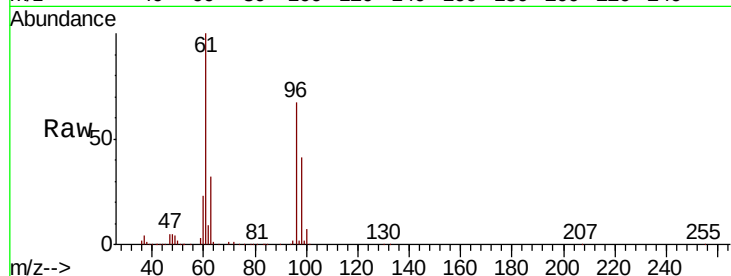
98 41.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#32

1,1,1-Trichloroethane

Concen: 11.052 ppbv

RT: 6.01 min Scan# 1061

Delta R.T. 0.00 min

Lab File: VL039616.D

Acq: 7 Sep 2022 12:51

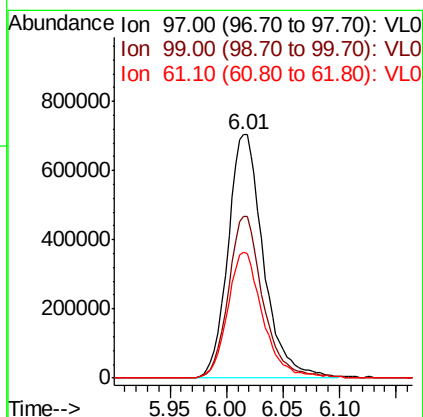
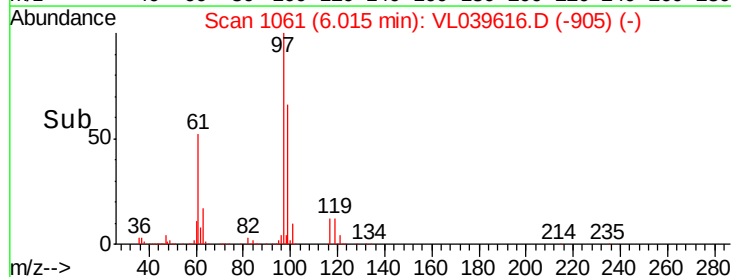
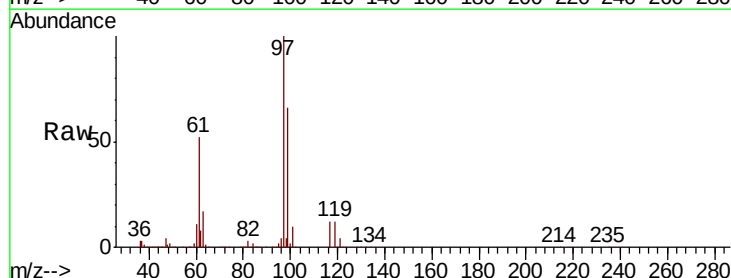
Tgt Ion: 97 Resp: 1534739

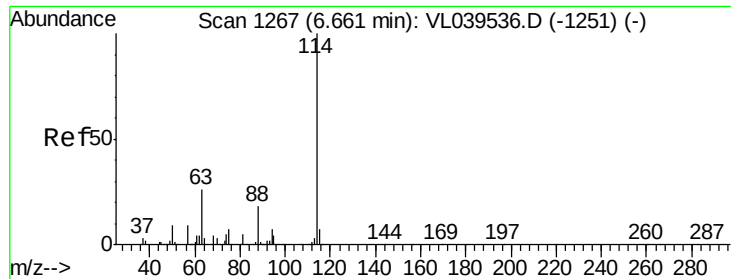
Ion Ratio Lower Upper

97 100

99 65.3 52.3 78.5

61 51.6 40.9 61.3



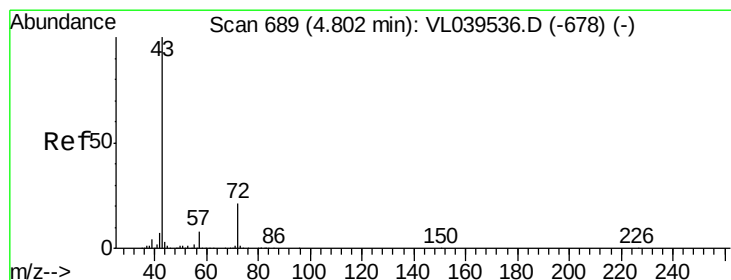
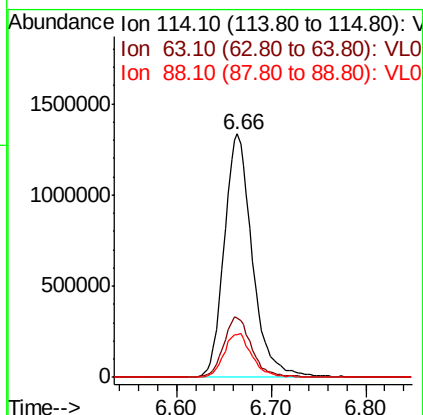
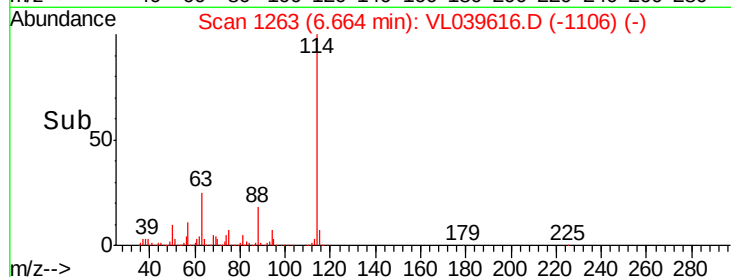
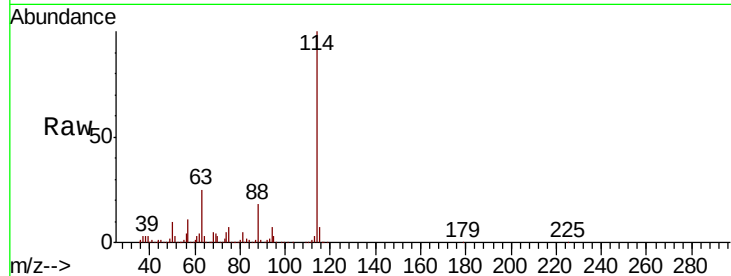


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.66
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0907ABS01
 Acq: 7 Sep 2022 12:51

Tot Ion:1
 Ion Rati
 114 100
 63 24.
 88 18.

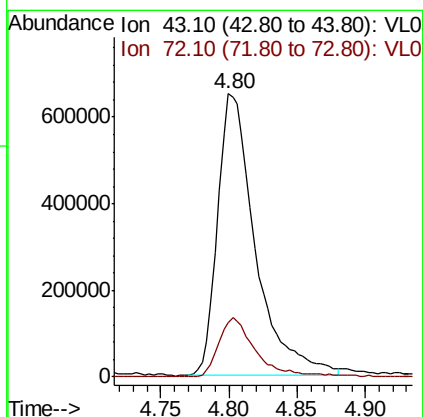
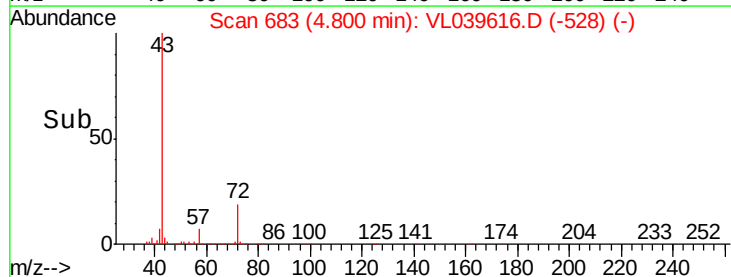
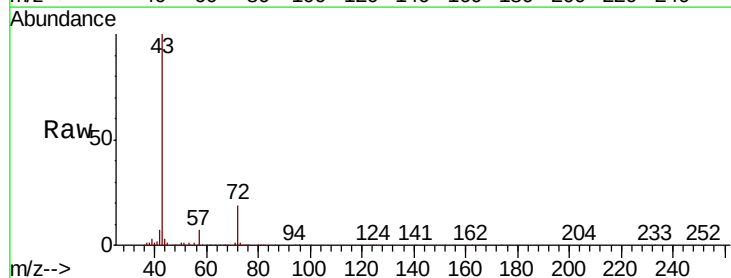
Manual Integrations
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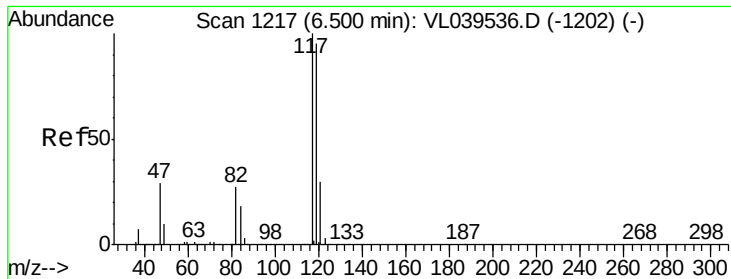
Reviewed By :Semsettin Yesilyurt 09/08/2022
 Supervised By :Mahesh Dadoda 09/08/2022



#34
 2-Butanone
 Concen: 9.193 ppbv
 RT: 4.80 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: VL039616.D
 Acq: 7 Sep 2022 12:51

Tgt Ion: 43 Resp: 1259997
 Ion Ratio Lower Upper
 43 100
 72 21.2 17.9 26.9



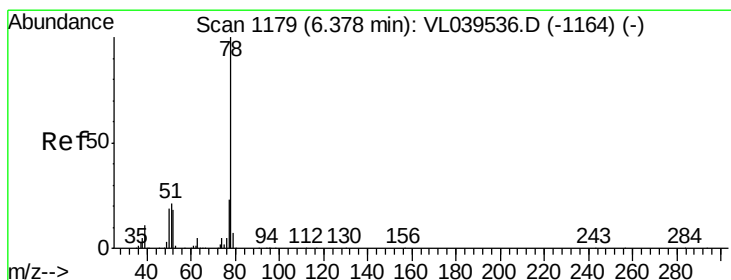
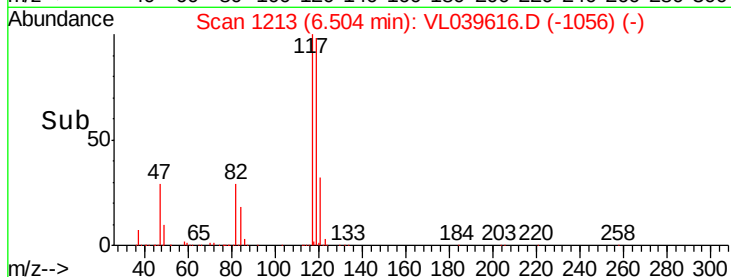
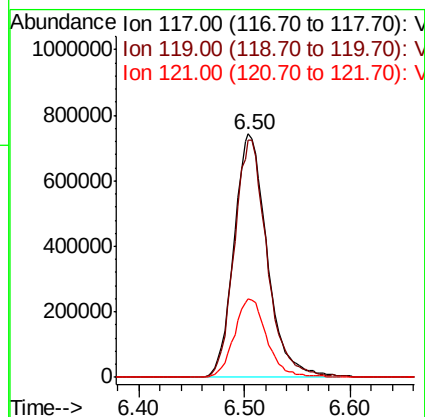
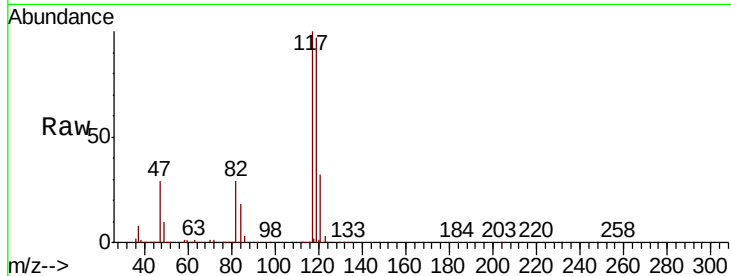


#35
Carbon Tetrachloride
Concen: 10.857 ppbv
RT: 6.50
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId : VL0907ABS01
Acq: 7 Sep 2022 12:51

Tot Ion:1
Ion Rati
117 100
119 97.
121 32.

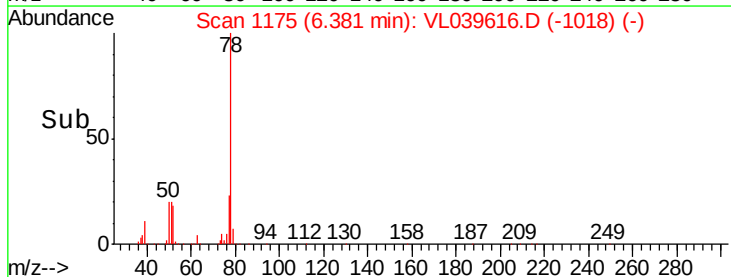
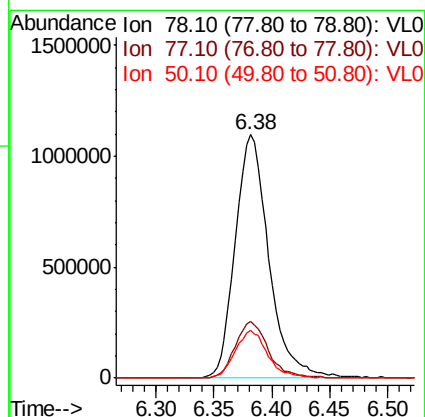
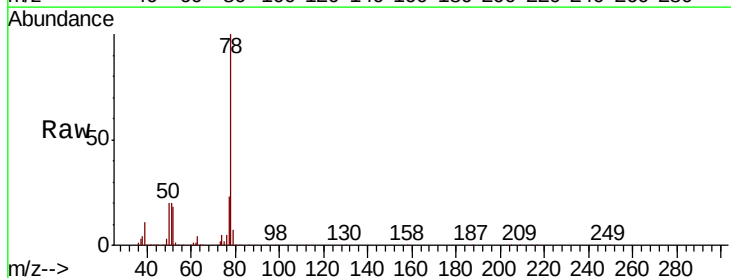
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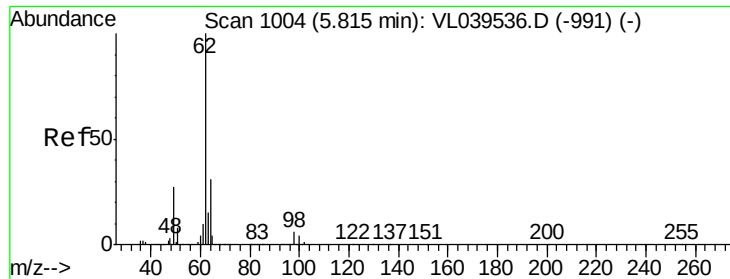
Reviewed By :Semsettin Yesilyurt 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#36
Benzene
Concen: 10.485 ppbv
RT: 6.38 min Scan# 1175
Delta R.T. 0.00 min
Lab File: VL039616.D
Acq: 7 Sep 2022 12:51

Tgt Ion: 78 Resp: 2203330
Ion Ratio Lower Upper
78 100
77 23.1 20.3 30.5
50 19.7 15.5 23.3



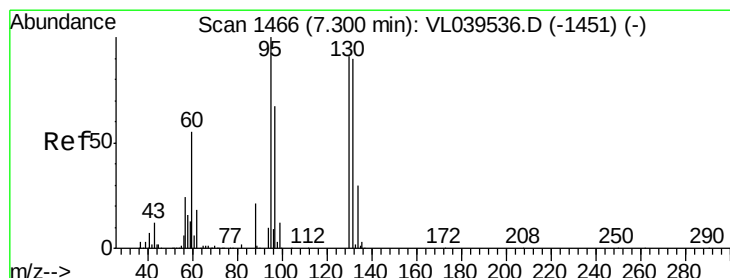
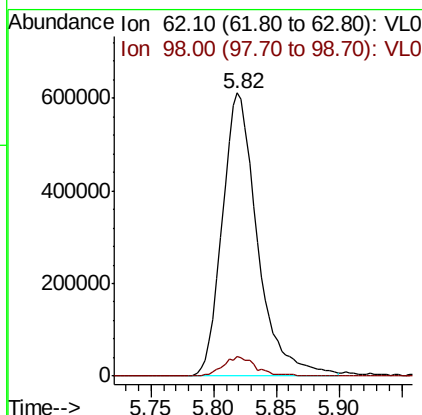
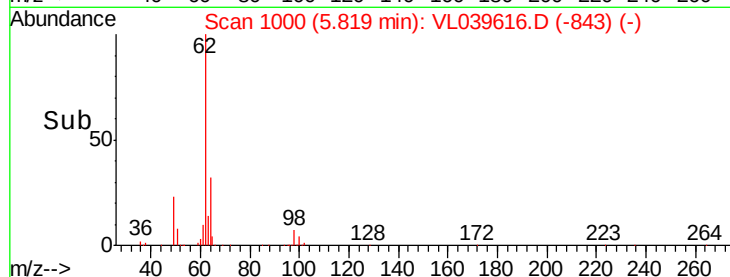
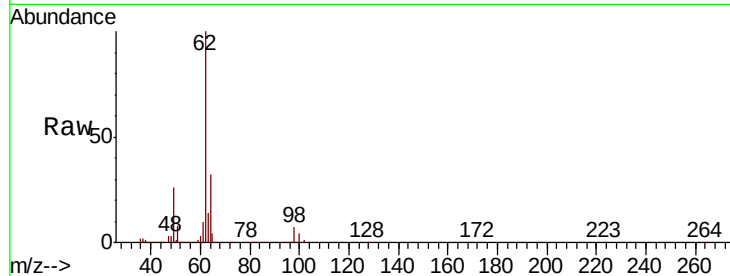


#37
 1,2-Dichloroethane
 Concen: 10.226 ppbv
 RT: 5.82
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0907ABS01
 Acq: 7 Sep 2022 12:51

Tot Ion:
 Ion Ratio
 62 100
 98 6.

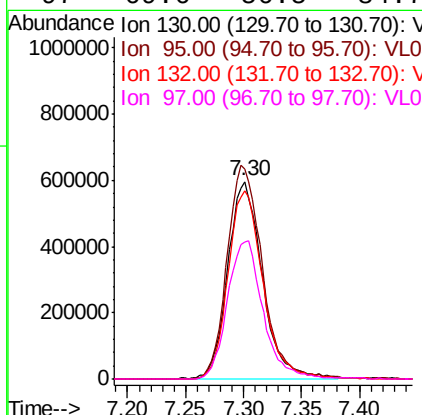
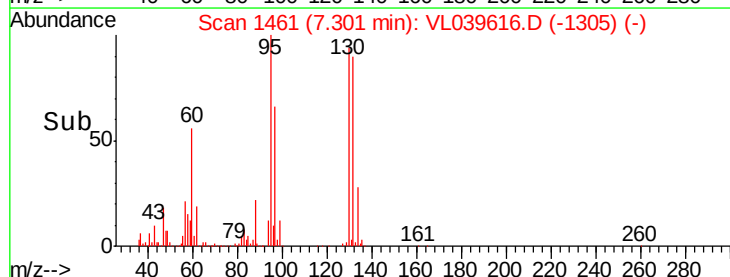
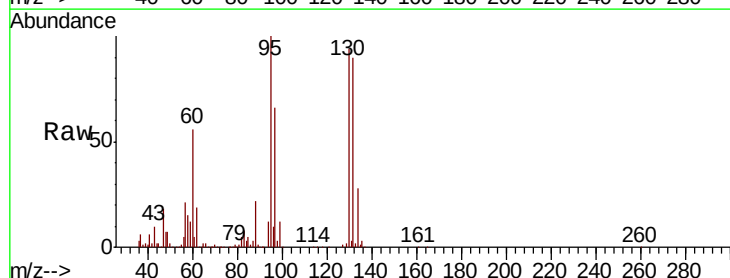
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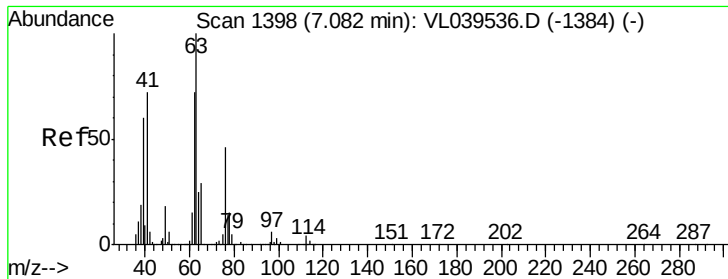
Reviewed By :Semsettin Yesilyurt 09/08/2022
 Supervised By :Mahesh Dadoda 09/08/2022



#38
 Trichloroethene
 Concen: 10.876 ppbv
 RT: 7.30 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VL039616.D
 Acq: 7 Sep 2022 12:51

Tgt Ion:130 Resp: 1224676
 Ion Ratio Lower Upper
 130 100
 95 106.0 87.3 130.9
 132 95.1 76.7 115.1
 97 69.6 56.5 84.7



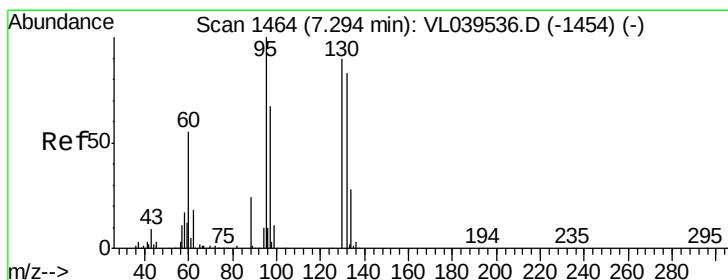
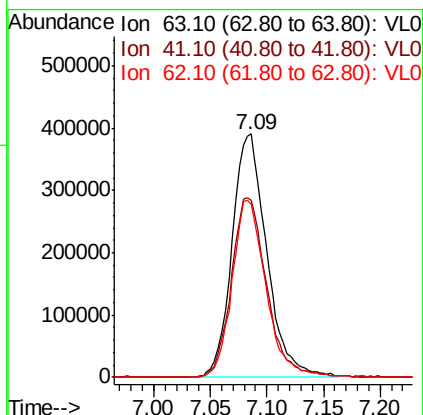
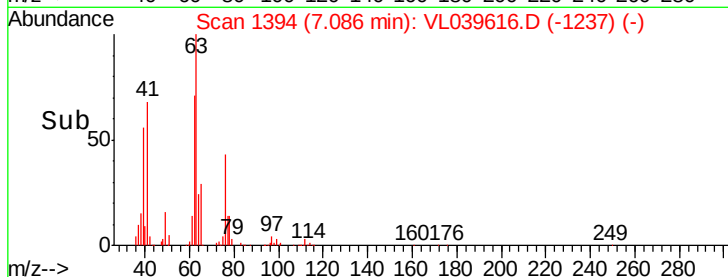
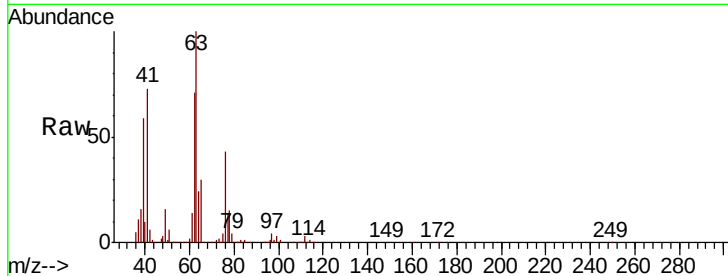


#39
 1,2-Dichloropropane
 Concen: 10.521 ppbv
 RT: 7.09
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample Id:
 Lab File: VL0907ABS01
 Acq: 7 Sep 2022 12:51

Tot Ion:
 Ion Ratio
 63 100
 41 72.
 62 71.

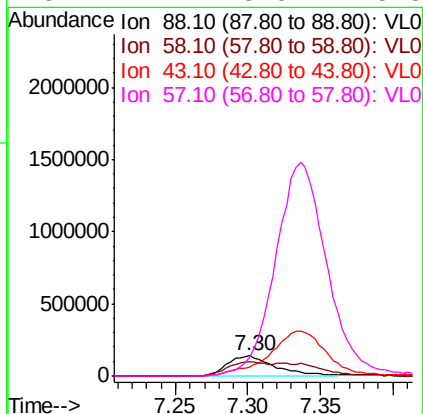
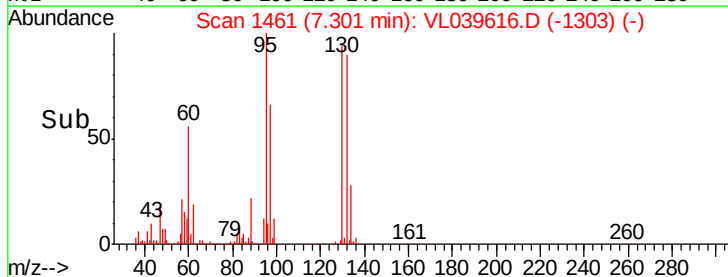
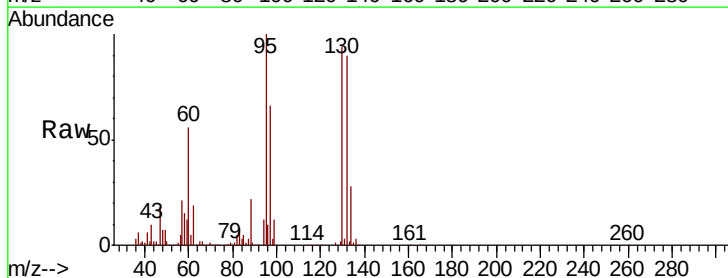
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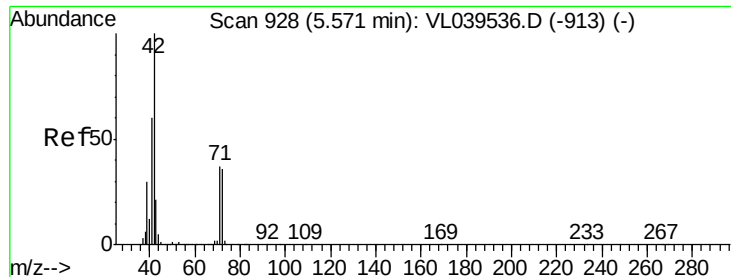
Reviewed By :Semsettin Yesilyurt 09/08/2022
 Supervised By :Mahesh Dadoda 09/08/2022



#40
 1,4-Dioxane
 Concen: 10.412 ppbv
 RT: 7.30 min Scan# 1461
 Delta R.T. 0.01 min
 Lab File: VL039616.D
 Acq: 7 Sep 2022 12:51

Tgt Ion: 88 Resp: 322089
 Ion Ratio Lower Upper
 88 100
 58 125.2 100.2 150.4
 43 267.2 205.8 308.6
 57 1142.7 879.1 1318.7





#41

Tetrahydrofuran

Concen: 10.872 ppbv

RT: 5.57 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Sep 2022 12:51 VL0907ABS01

Tot Ion:

Ion Ratio

42 100

72 37.

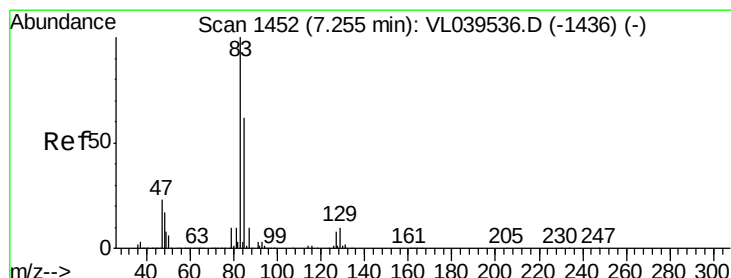
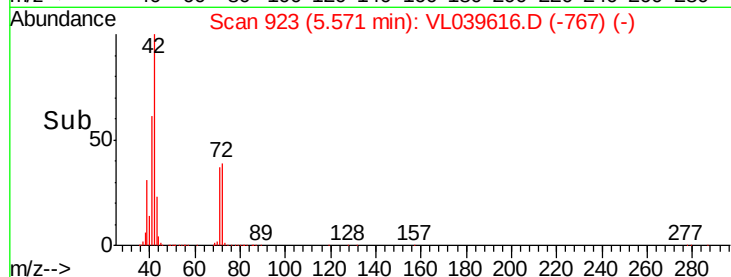
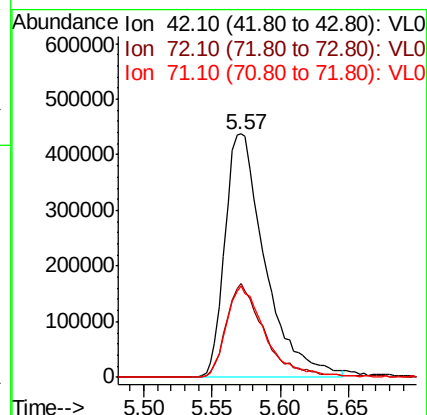
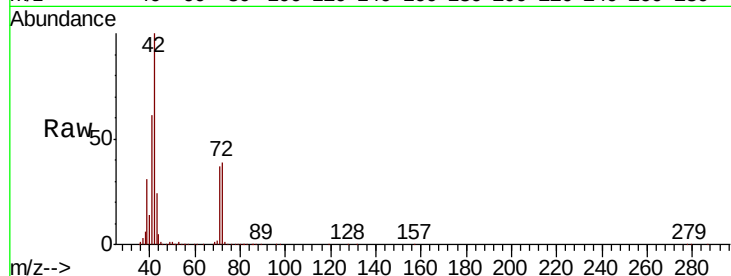
71 37.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#42

Bromodichloromethane

Concen: 10.807 ppbv

RT: 7.26 min Scan# 1448

Delta R.T. 0.00 min

Lab File: VL039616.D

Acq: 7 Sep 2022 12:51

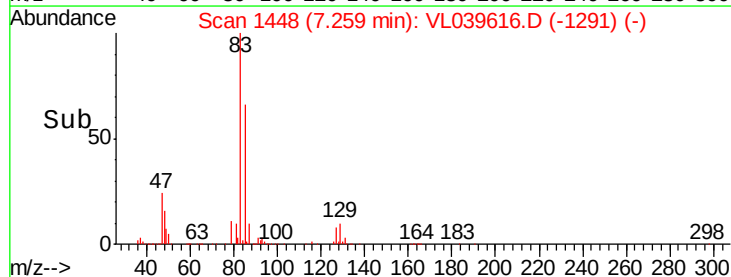
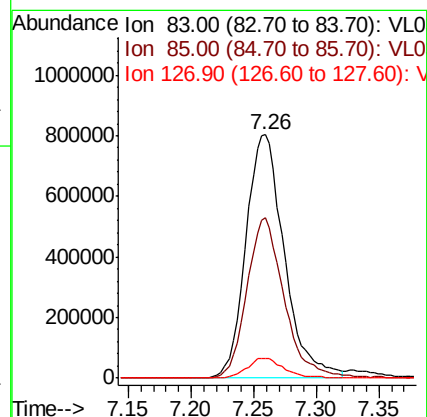
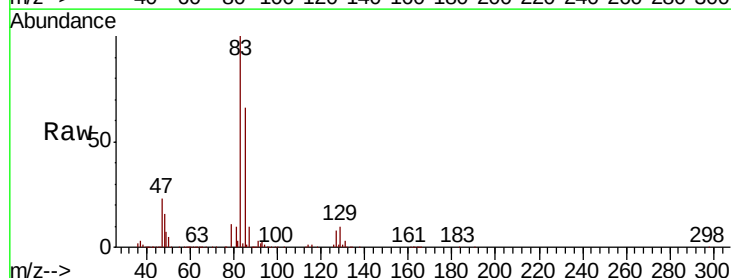
Tgt Ion: 83 Resp: 1711854

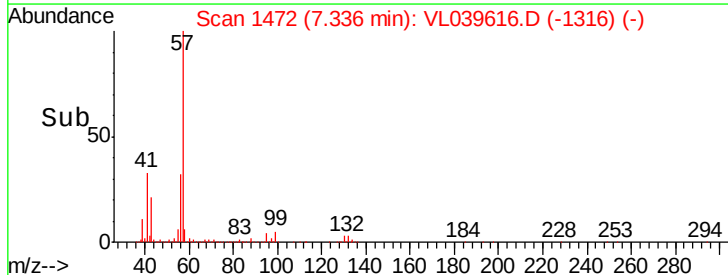
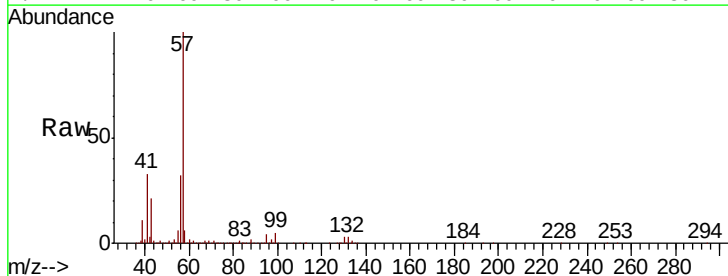
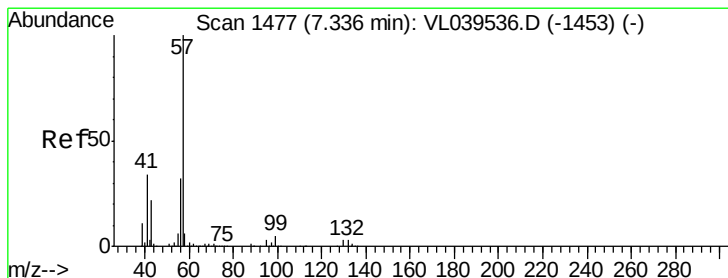
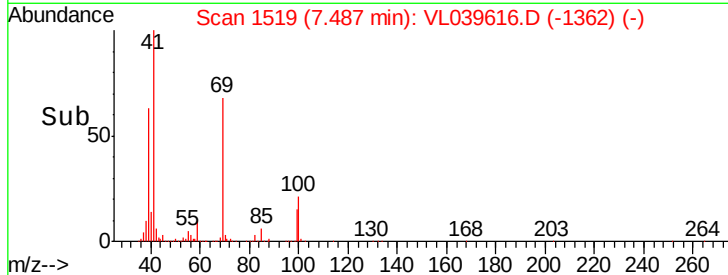
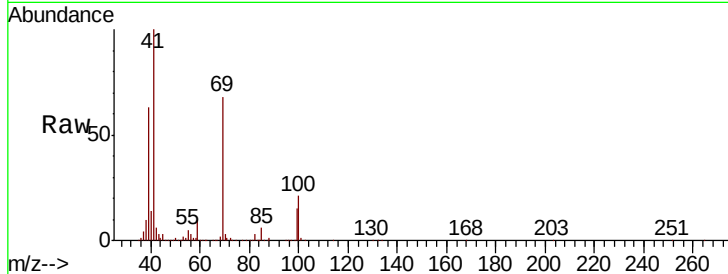
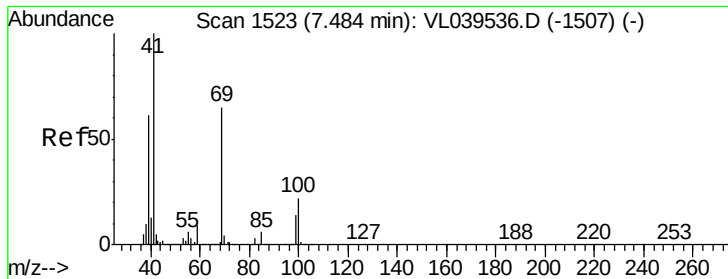
Ion Ratio Lower Upper

83 100

85 66.1 50.7 76.1

127 8.3 6.6 9.8





#43

Methyl Methacrylate

Concen: 11.418 ppbv

RT: 7.49

Instrument: MSVOA_1

Delta R.T. 0.00 min

Lab File: ClientSampleId : VL0907ABS01

Acq: 7 Sep 2022 12:51

Tot Ion: 69.10 (68.80 to 69.80): VL0

Ion Ratio: 41.10 (40.80 to 41.80): VL0

69 100

41 154.

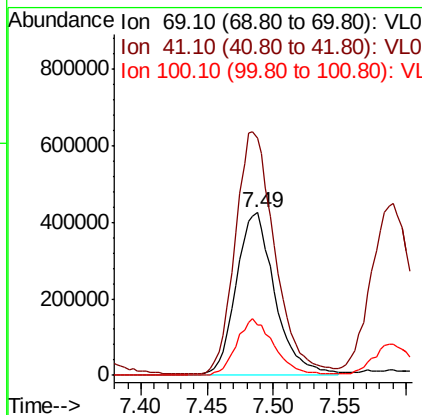
100 34.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#44

2,2,4-Trimethylpentane

Concen: 10.388 ppbv

RT: 7.34 min Scan# 1472

Delta R.T. 0.00 min

Lab File: VL039616.D

Acq: 7 Sep 2022 12:51

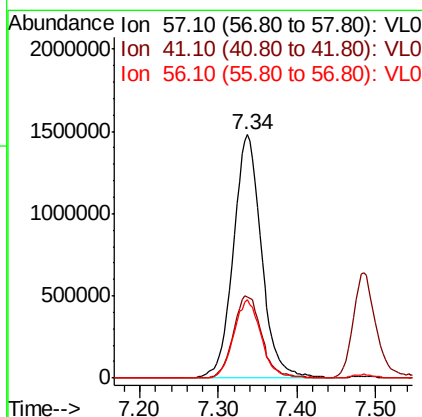
Tgt Ion: 57 Resp: 3679937

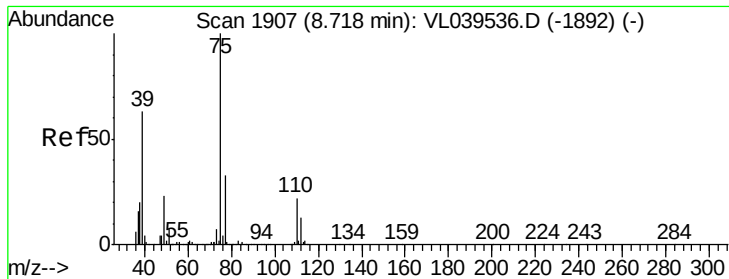
Ion Ratio Lower Upper

57 100

41 33.8 27.4 41.2

56 31.5 24.5 36.7





#45

t-1,3-Dichloropropene

Concen: 12.883 ppbv

RT: 8.72 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Sep 2022 12:51 VL0907ABS01

Tot Ion:

Ion Ratio

75 100

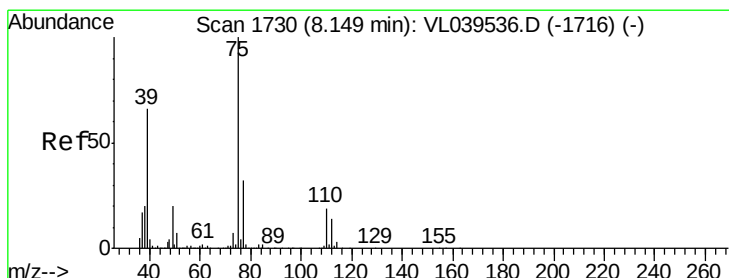
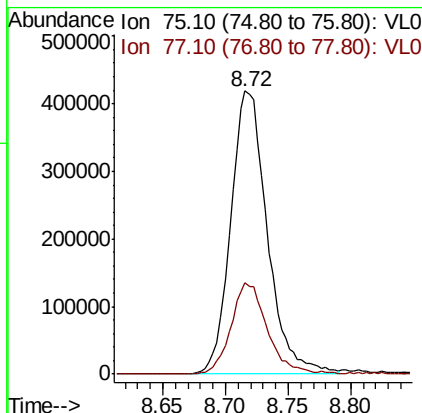
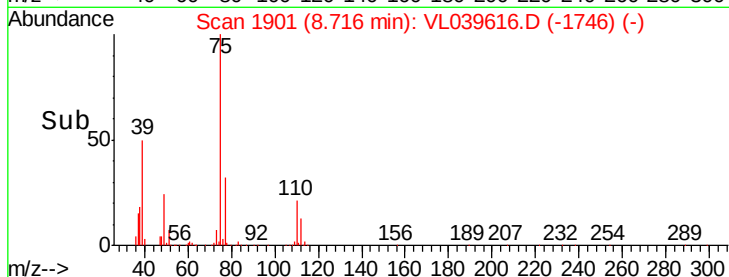
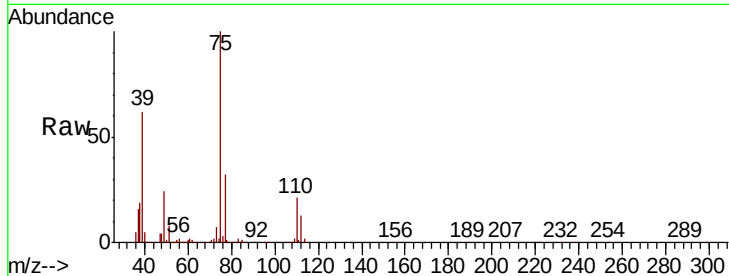
77 32.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#46

cis-1,3-Dichloropropene

Concen: 12.446 ppbv

RT: 8.15 min Scan# 1725

Delta R.T. 0.00 min

Lab File: VL039616.D

Acq: 7 Sep 2022 12:51

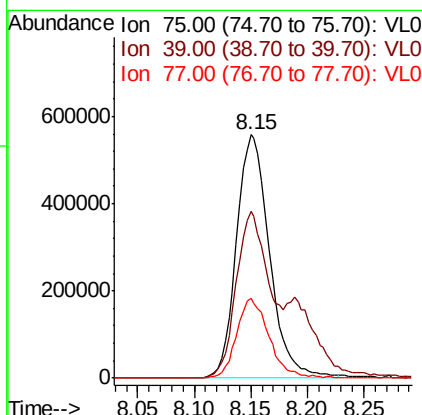
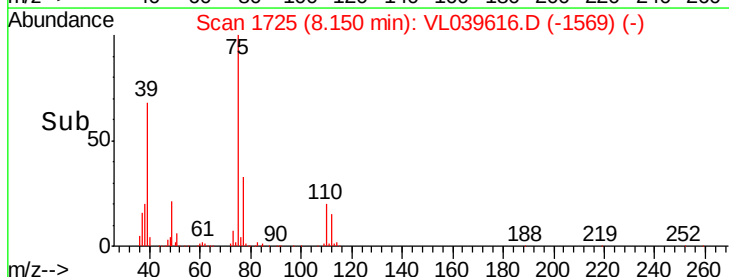
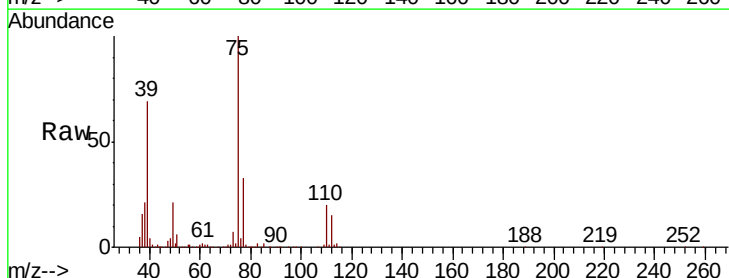
Tgt Ion: 75 Resp: 1137676

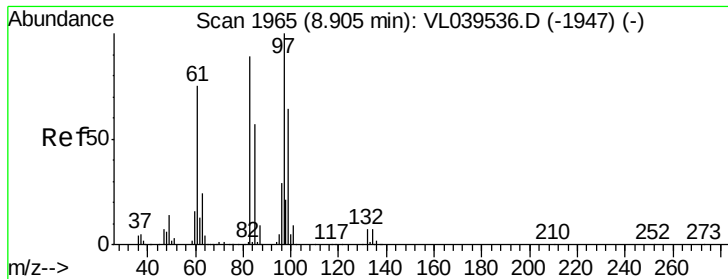
Ion Ratio Lower Upper

75 100

39 68.5 55.0 82.4

77 32.9 25.7 38.5



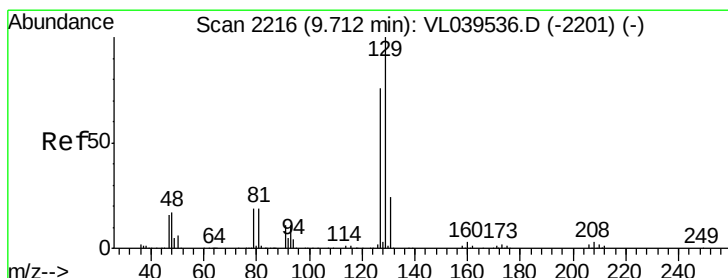
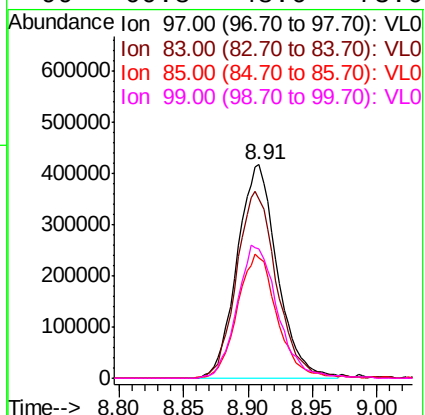
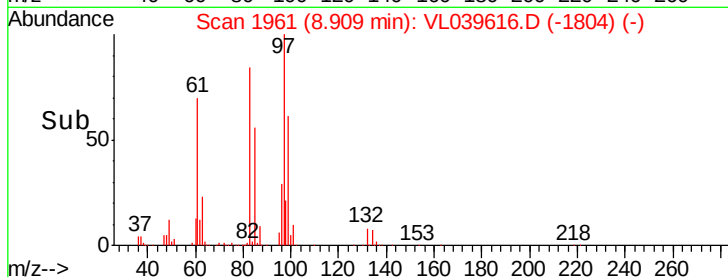
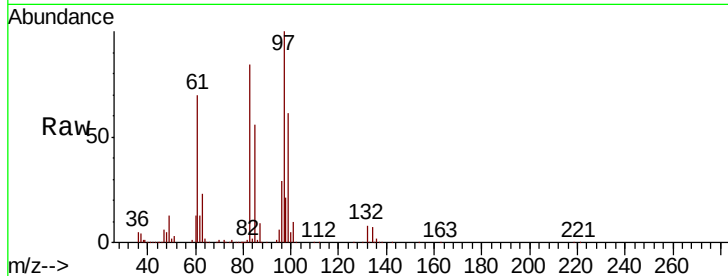


#47
 1,1,2-Trichloroethane
 Concen: 10.030 ppbv
 RT: 8.91
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0907ABS01
 Acq: 7 Sep 2022 12:51

Tot Ion:
 Ion Ratio
 97 100
 83 83.
 85 56.
 99 60.8 48.6 73.0

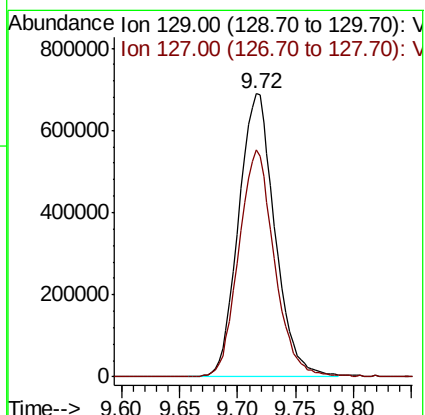
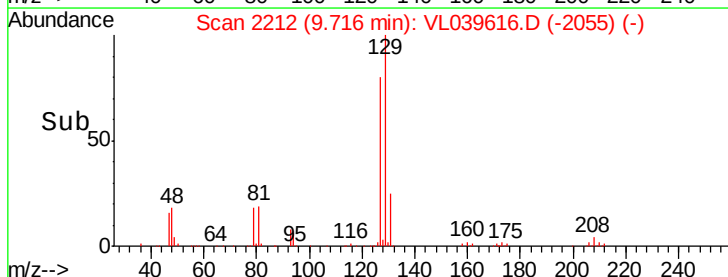
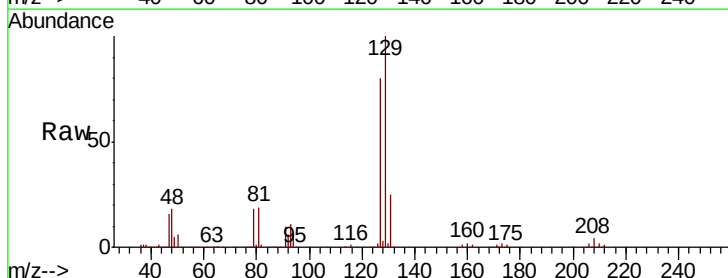
Manual Integrations
 APPROVED

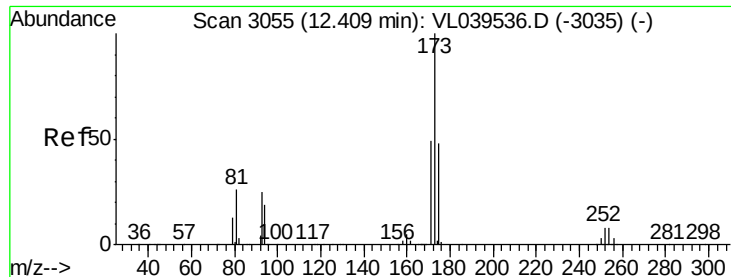
Reviewed By :Semsettin Yesilyurt 09/08/2022
 Supervised By :Mahesh Dadoda 09/08/2022



#48
 Dibromochloromethane
 Concen: 11.283 ppbv
 RT: 9.72 min Scan# 2212
 Delta R.T. 0.00 min
 Lab File: VL039616.D
 Acq: 7 Sep 2022 12:51

Tgt Ion:129 Resp: 1500788
 Ion Ratio Lower Upper
 129 100
 127 79.2 39.3 117.9





#49

Bromoform

Concen: 11.285 ppbv

RT: 12.41

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Sep 2022 12:51

Tot Ion:1

Ion Ratio

173 100

175 50.

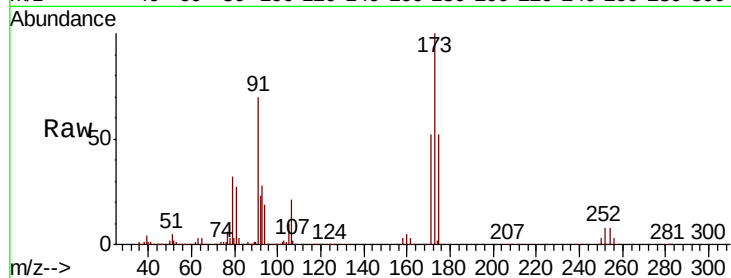
171 53.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/08/2022

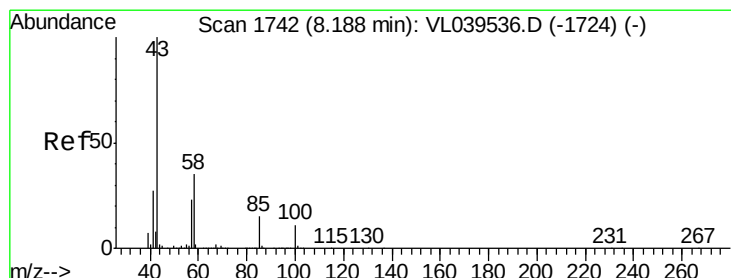
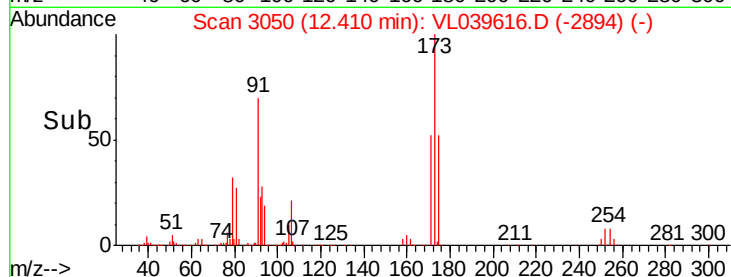
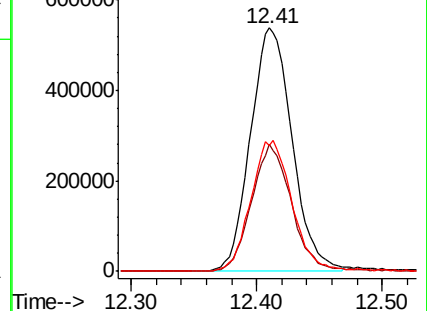
Supervised By :Mahesh Dadoda 09/08/2022



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 10.693 ppbv

RT: 8.19 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VL039616.D

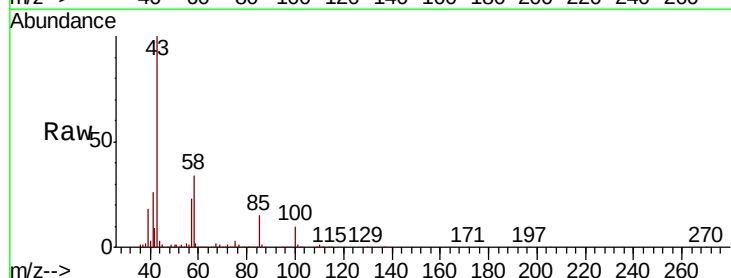
Acq: 7 Sep 2022 12:51

Tgt Ion: 43 Resp: 2283207

Ion Ratio Lower Upper

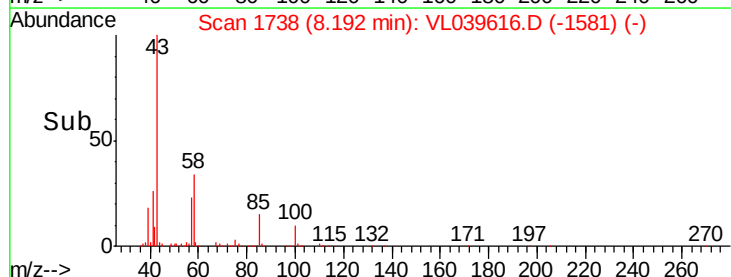
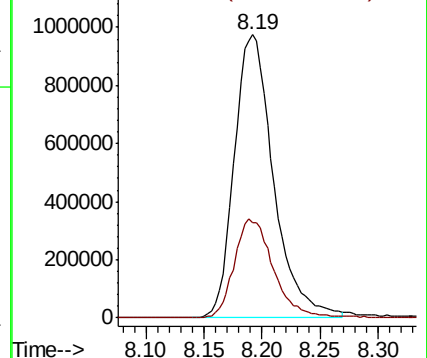
43 100

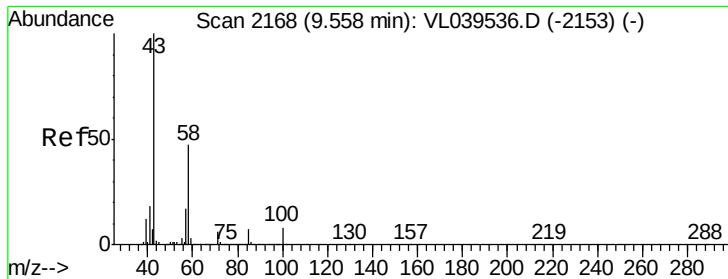
58 35.2 28.8 43.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



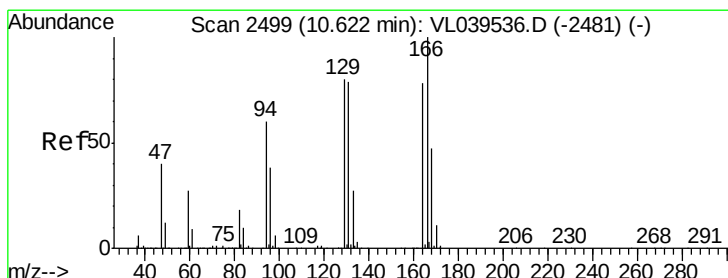
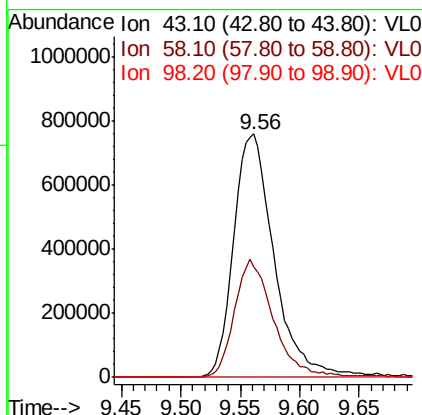
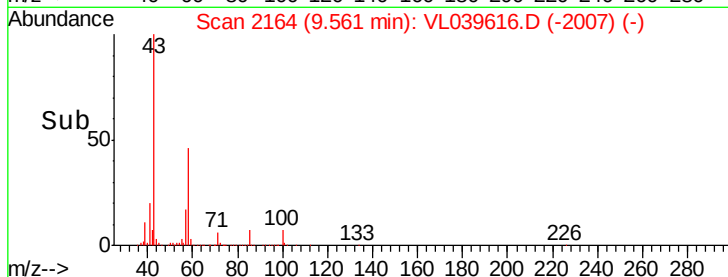
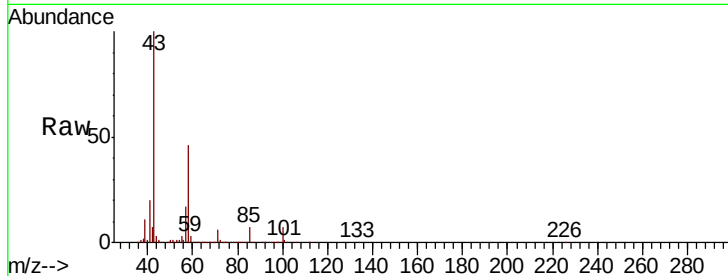


#51
2-Hexanone
Concen: 11.280 ppbv
RT: 9.56
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId :
Acq: 7 Sep 2022 12:51

Tot Ion:
Ion Ratio
43 100
58 47.
98 0.

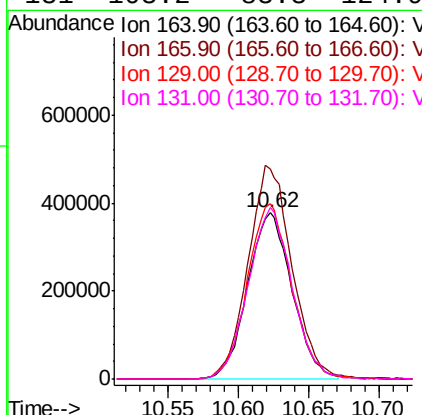
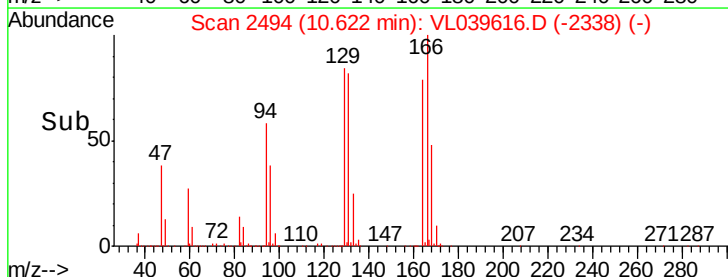
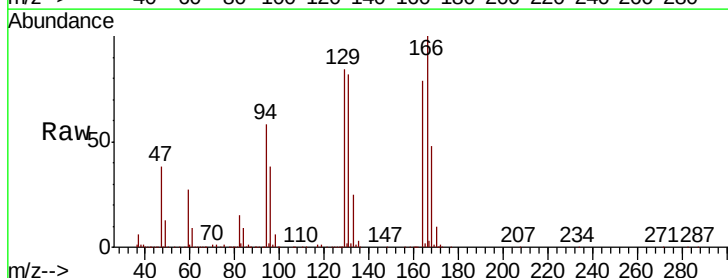
Manual Integrations
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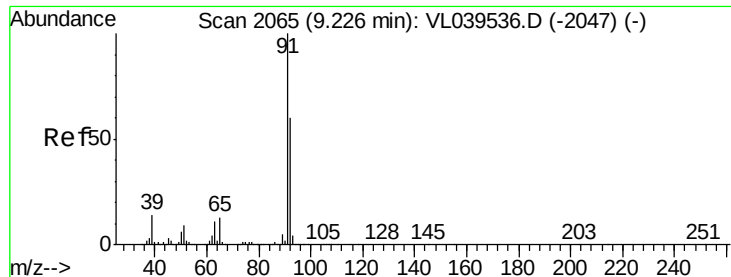
Reviewed By :Semsettin Yesilyurt 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#52
Tetrachloroethene
Concen: 10.427 ppbv
RT: 10.62 min Scan# 2494
Delta R.T. 0.00 min
Lab File: VL039616.D
Acq: 7 Sep 2022 12:51

Tgt Ion:164 Resp: 828985
Ion Ratio Lower Upper
164 100
166 126.5 102.2 153.2
129 105.9 85.8 128.8
131 103.2 83.3 124.9



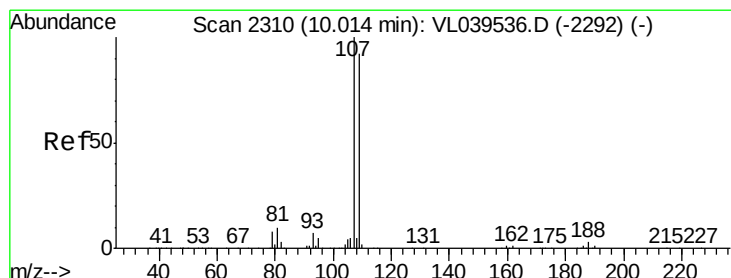
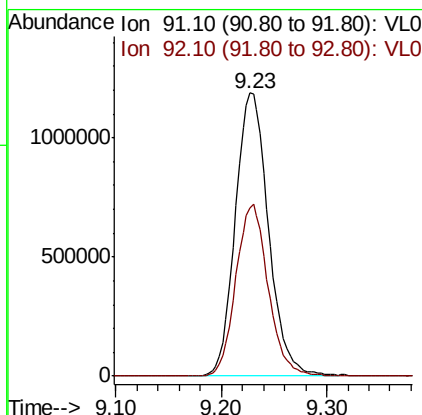
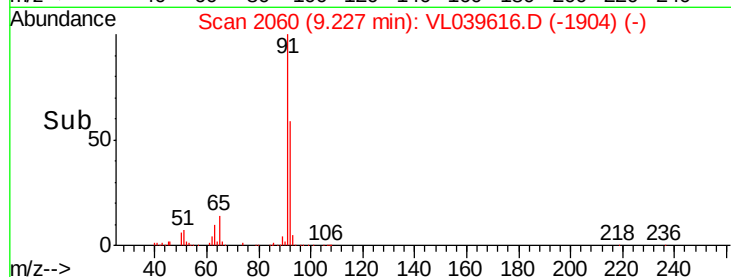
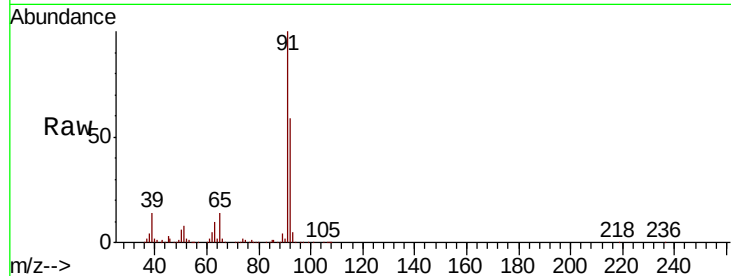


#53
Toluene
Concen: 11.034 ppbv
RT: 9.23
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 7 Sep 2022 12:51

Tot Ion:
Ion Ratio
91 100
92 59.

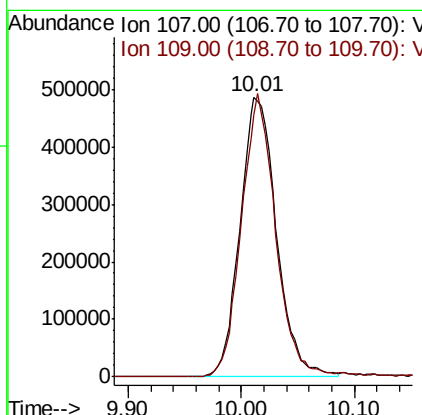
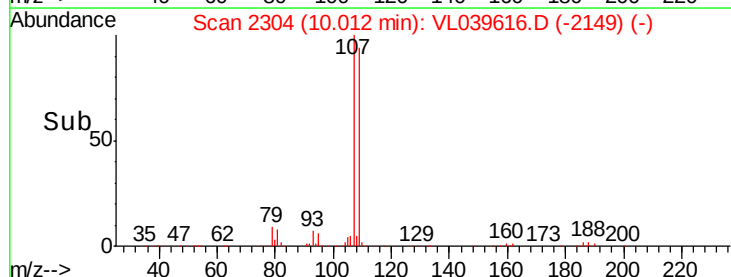
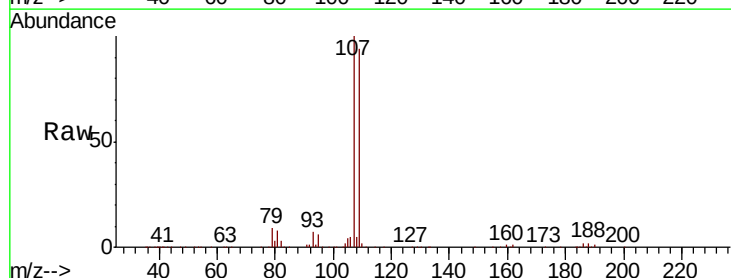
Manual Integrations
APPROVED

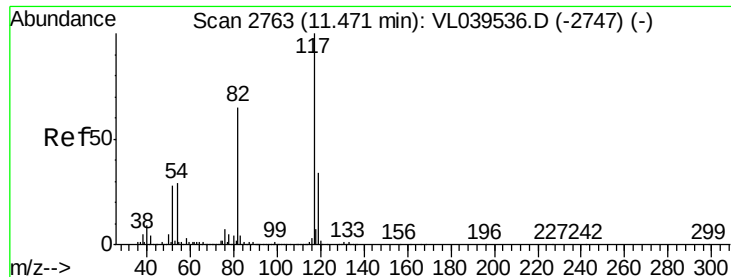
Reviewed By :Semsettin Yesilyurt 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#54
1,2-Dibromoethane
Concen: 10.788 ppbv
RT: 10.01 min Scan# 2304
Delta R.T. -0.00 min
Lab File: VL039616.D
Acq: 7 Sep 2022 12:51

Tgt Ion:107 Resp: 1088801
Ion Ratio Lower Upper
107 100
109 93.5 74.8 112.2



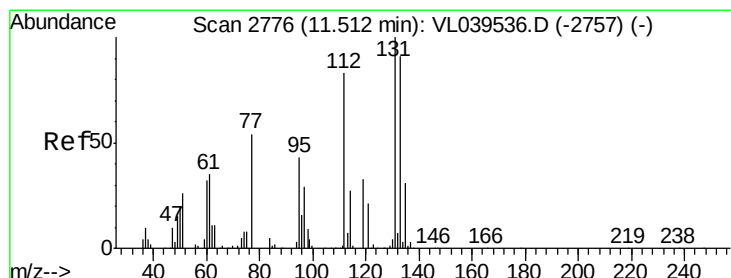
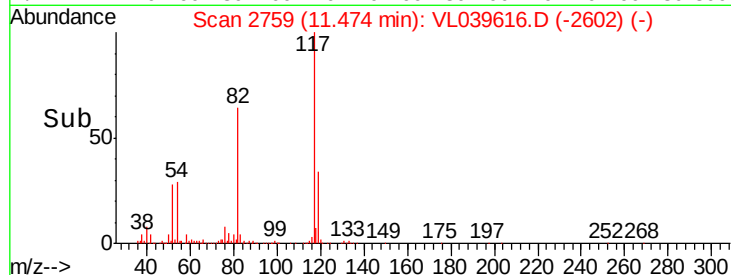
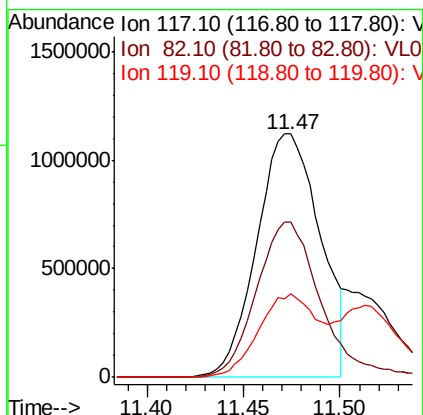
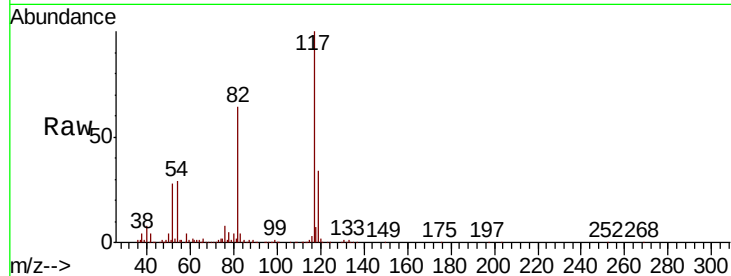


#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.47
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VL0907ABS01
Acq: 7 Sep 2022 12:51

Tot Ion:1
Ion Rati
117 100
82 65.
119 34.

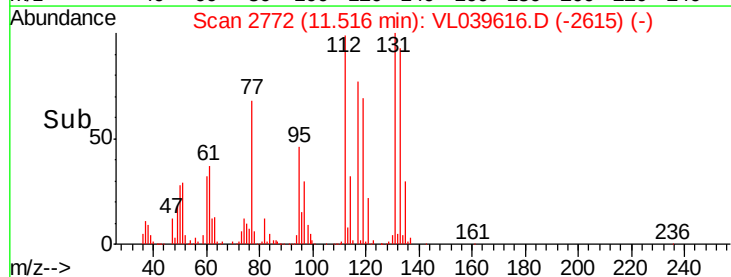
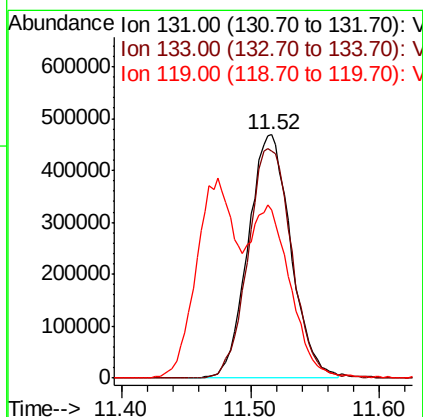
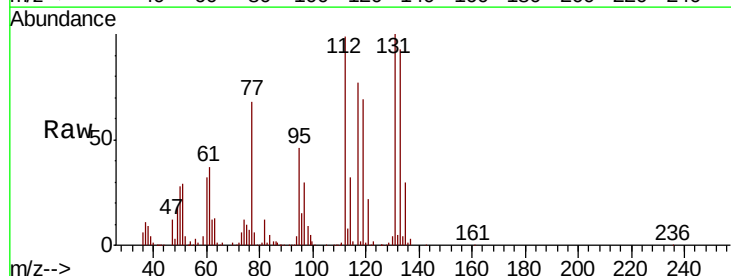
Manual Integrations
APPROVED

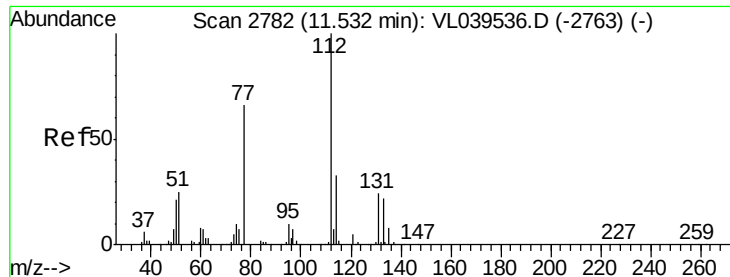
Reviewed By :Semsettin Yesilyurt 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 10.397 ppbv
RT: 11.52 min Scan# 2772
Delta R.T. 0.00 min
Lab File: VL039616.D
Acq: 7 Sep 2022 12:51

Tgt Ion:131 Resp: 1081165
Ion Ratio Lower Upper
131 100
133 96.8 76.8 115.2
119 62.7 46.2 69.4





#57

Chlorobenzene

Concen: 10.108 ppbv

RT: 11.53

Delta R.T. MSVOA_L

Lab File: ClientSampled :

Acq: 7 Sep 2022 12:51 VL0907ABS01

Tot Ion:1

Ion Rati

112 100

77 64.

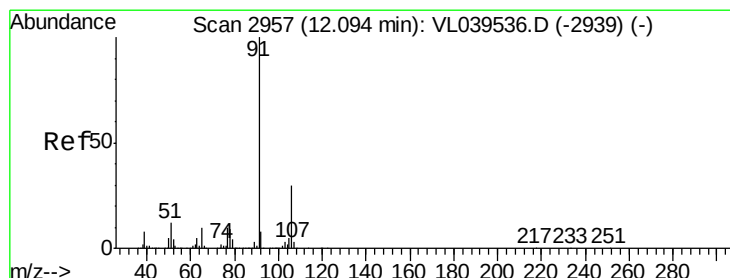
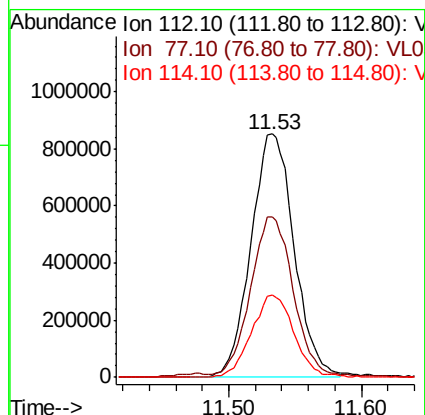
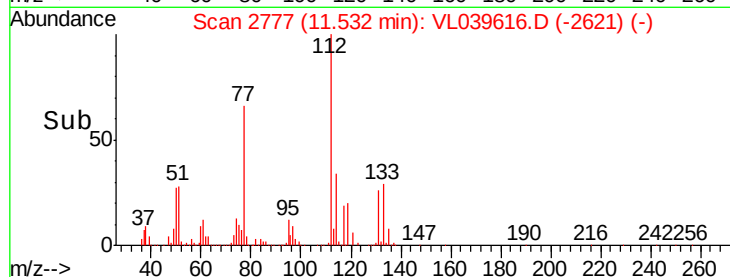
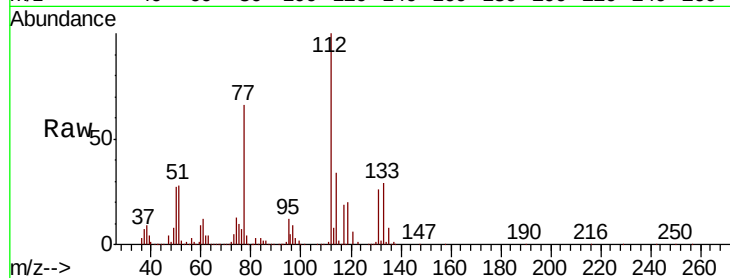
114 33.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#58

Ethyl Benzene

Concen: 11.498 ppbv

RT: 12.10 min Scan# 2953

Delta R.T. 0.00 min

Lab File: VL039616.D

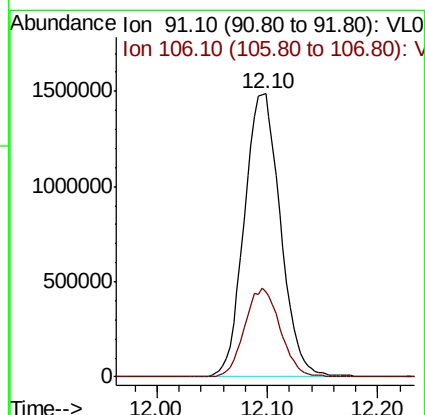
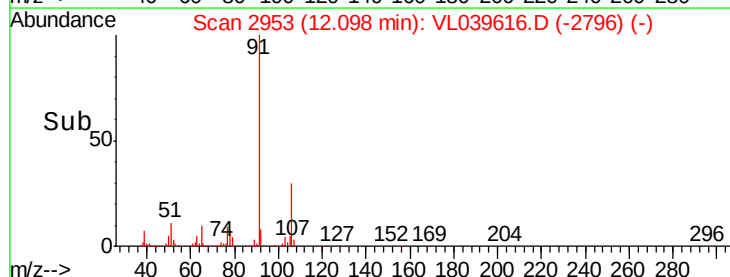
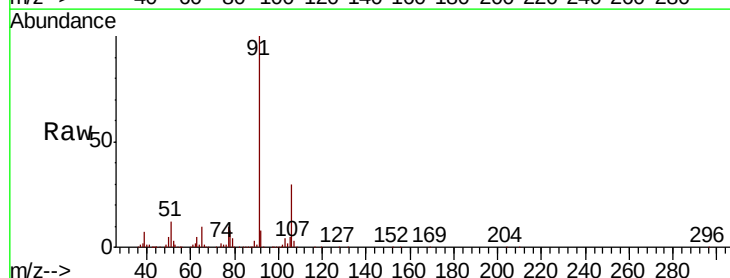
Acq: 7 Sep 2022 12:51

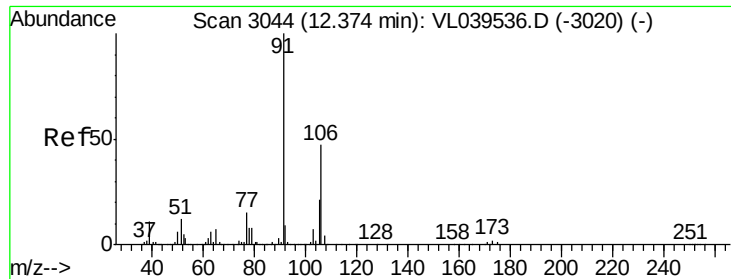
Tgt Ion: 91 Resp: 3380997

Ion Ratio Lower Upper

91 100

106 30.0 25.4 38.0



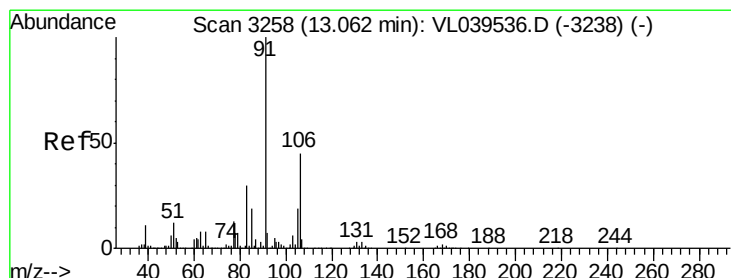
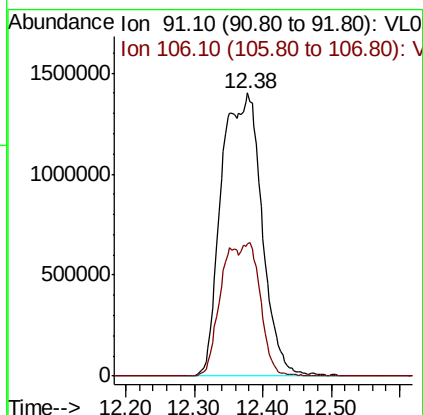
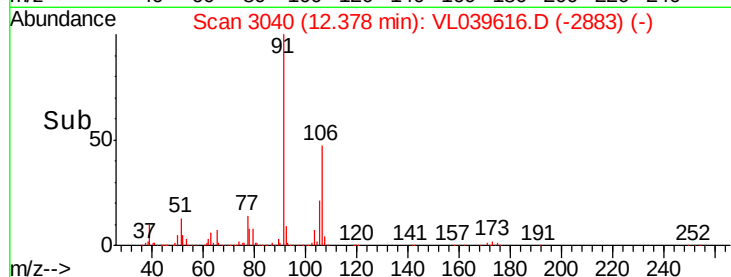
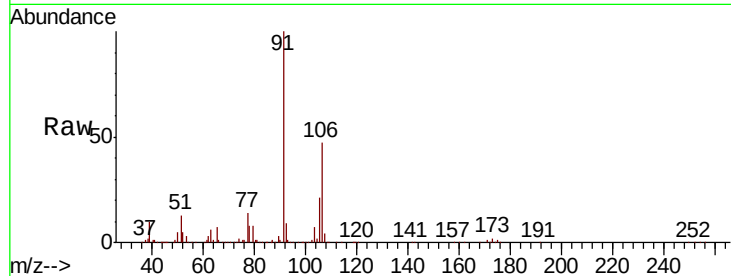


#59
m/p-Xylene
Concen: 21.770 ppbv m
RT: 12.38
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
Acq: 7 Sep 2022 12:51

Tot Ion:
Ion Ratio
91 100
106 45.

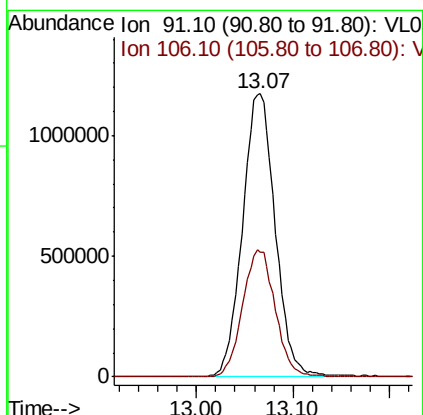
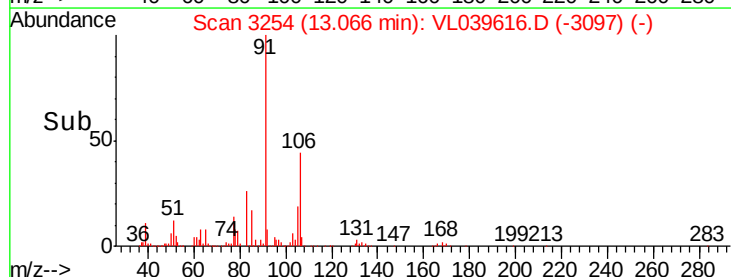
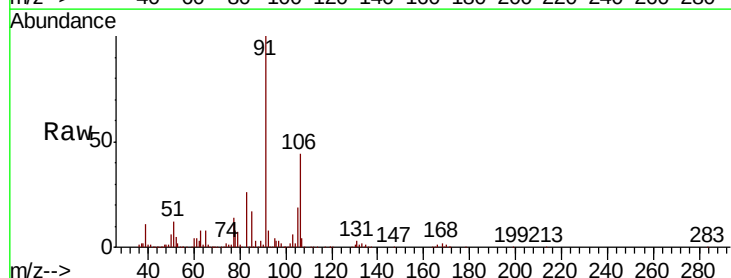
Manual Integrations
APPROVED

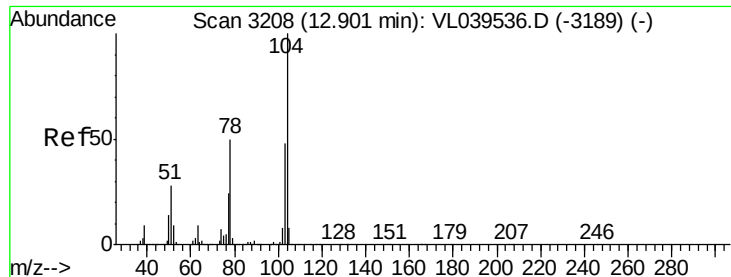
Reviewed By :Semsettin Yesilyurt 09/08/2022
Supervised By :Mahesh Dadoda 09/08/2022



#60
o-Xylene
Concen: 10.839 ppbv
RT: 13.07 min Scan# 3254
Delta R.T. 0.00 min
Lab File: VL039616.D
Acq: 7 Sep 2022 12:51

Tgt Ion: 91 Resp: 2744471
Ion Ratio Lower Upper
91 100
106 44.9 22.4 67.3





#61

Stvrene

Concen: 12.267 ppbv

RT: 12.90

Delta R.T.

Lab File:

Acq: 7 Sep 2022

Instrument :

MSVOA_L

ClientSampleId :

VL0907ABS01

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022

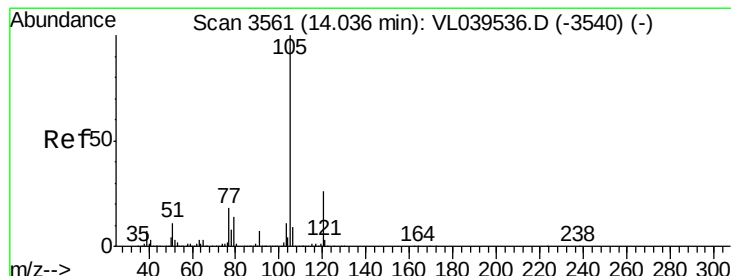
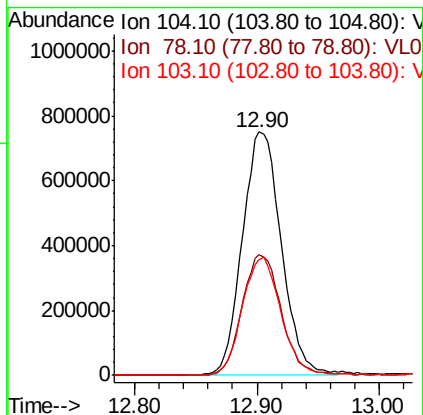
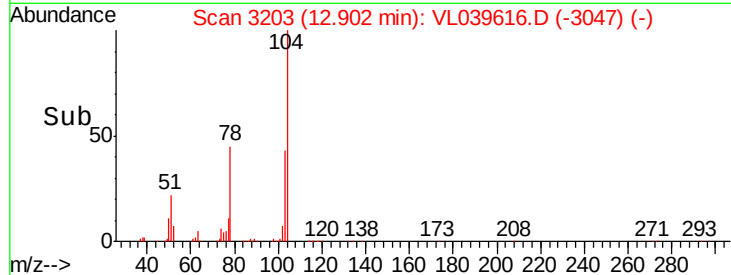
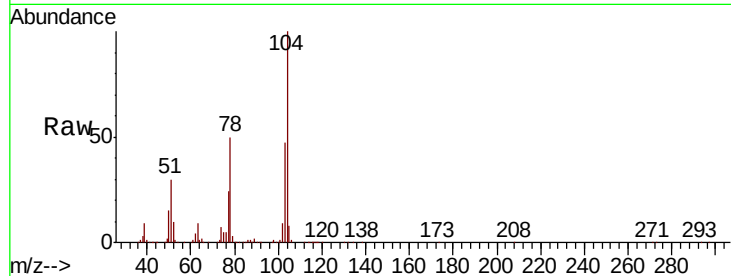
Tot Ion:1

Ion Rati

104 100

78 50.

103 48.



#62

Isopropylbenzene

Concen: 10.420 ppbv

RT: 14.03 min Scan# 3555

Delta R.T. -0.00 min

Lab File: VL039616.D

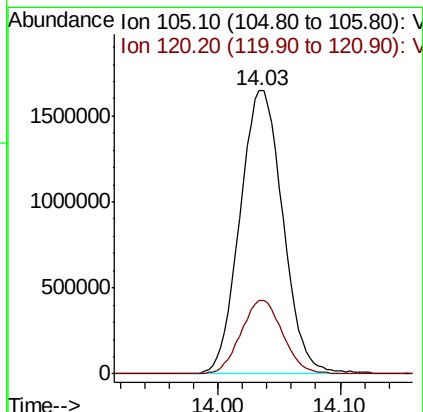
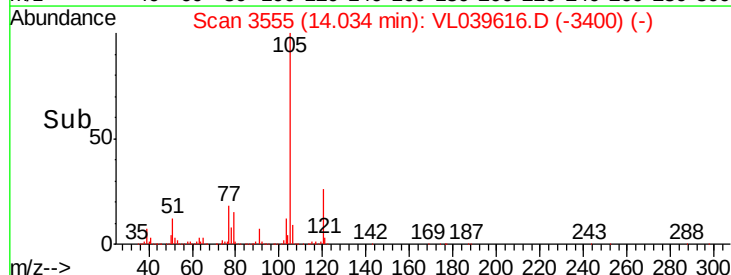
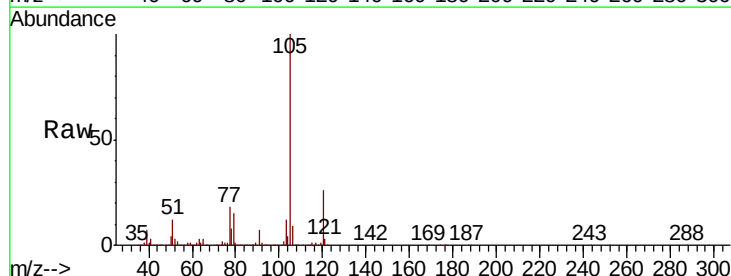
Acq: 7 Sep 2022 12:51

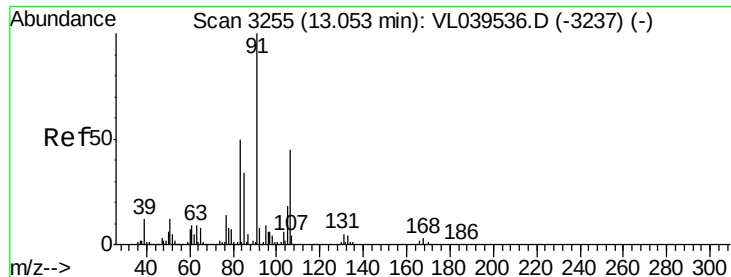
Tgt Ion:105 Resp: 3989952

Ion Ratio Lower Upper

105 100

120 25.7 20.7 31.1





#63

1,1,2,2-Tetrachloroethane

Concen: 9.278 ppbv

RT: 13.05

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Sep 2022 12:51

Tot Ion:

Ion Ratio

83 100

131 9.

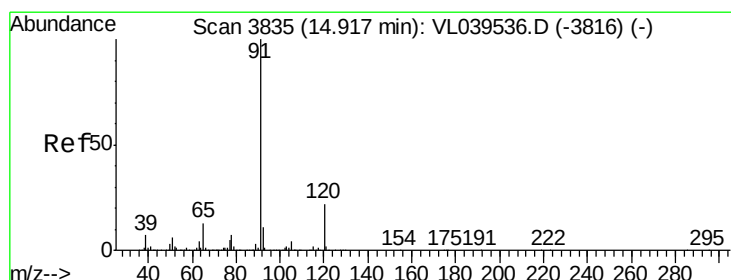
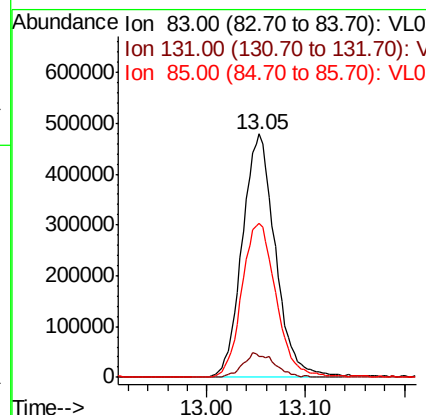
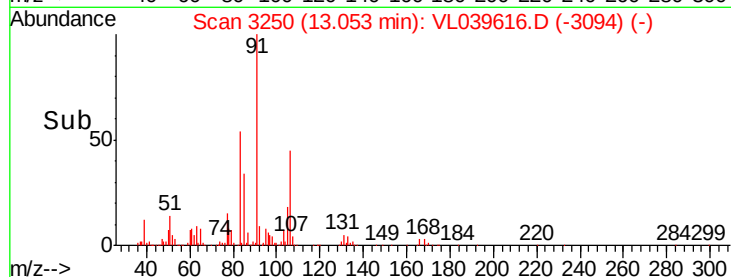
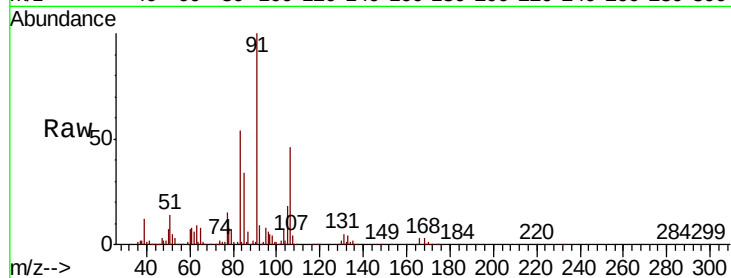
85 66.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#64

n-propylbenzene

Concen: 10.465 ppbv

RT: 14.92 min Scan# 3830

Delta R.T. 0.00 min

Lab File: VL039616.D

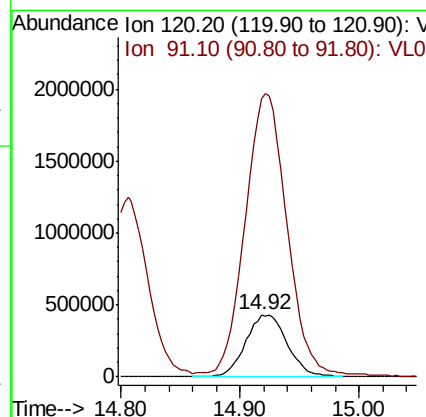
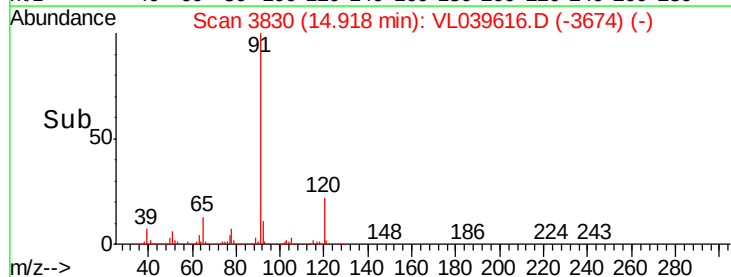
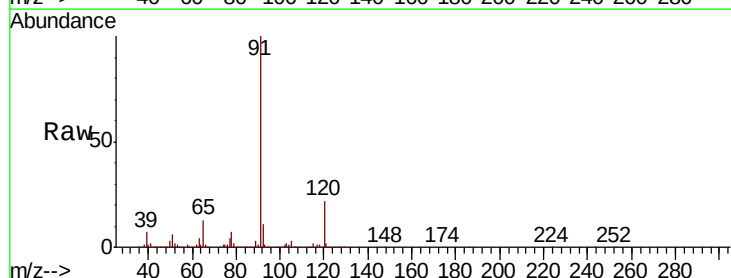
Acq: 7 Sep 2022 12:51

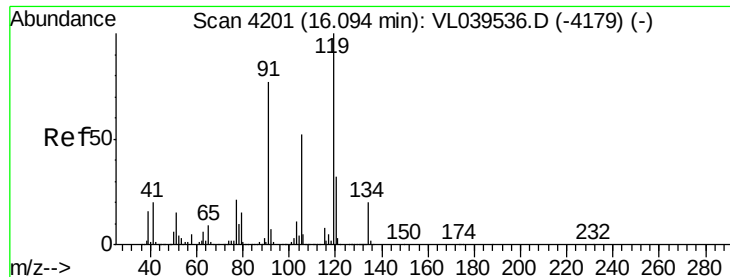
Tgt Ion:120 Resp: 1041448

Ion Ratio Lower Upper

120 100

91 465.4 367.2 550.8



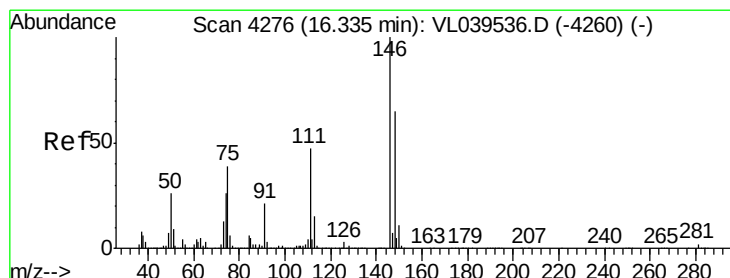
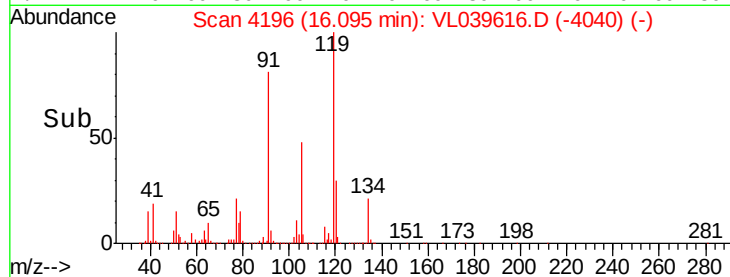
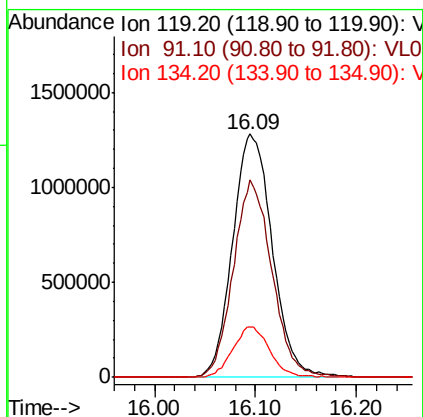
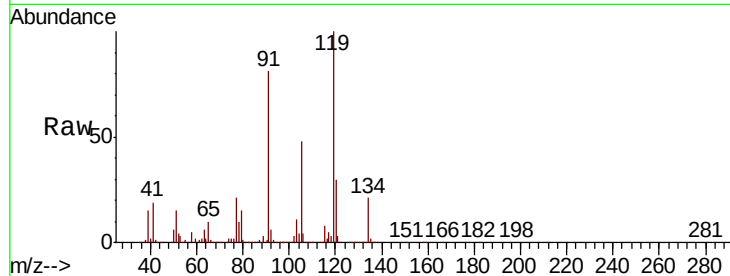


#65
 tert-Butylbenzene
 Concen: 10.281 ppbv
 RT: 16.09 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VL0907ABS01
 Acq: 7 Sep 2022 12:51

Tot Ion: 1
 Ion Ratio
 119 100
 91 79.
 134 19.

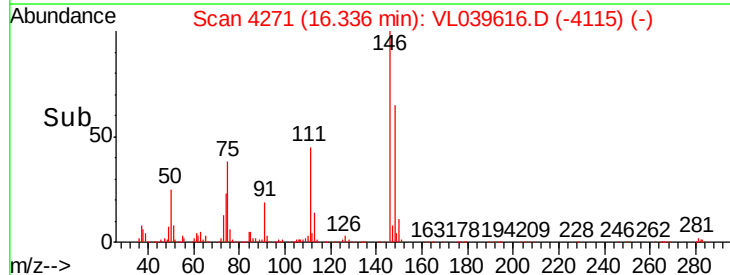
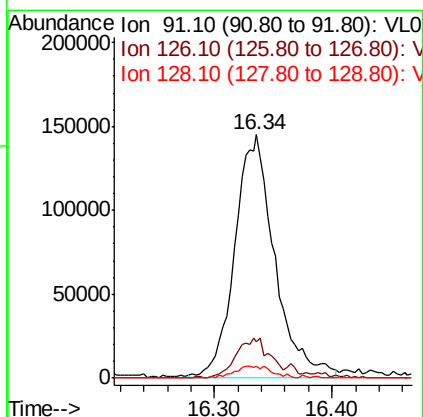
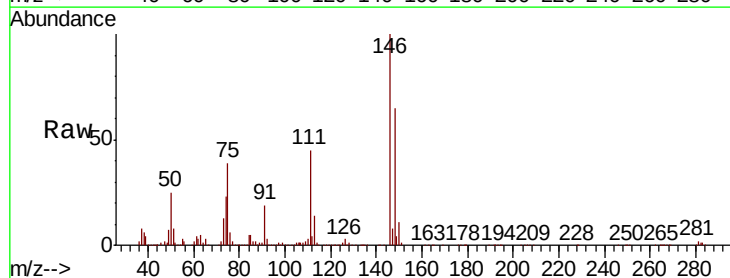
Manual Integrations
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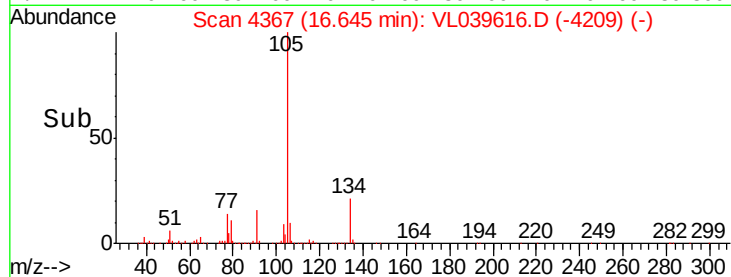
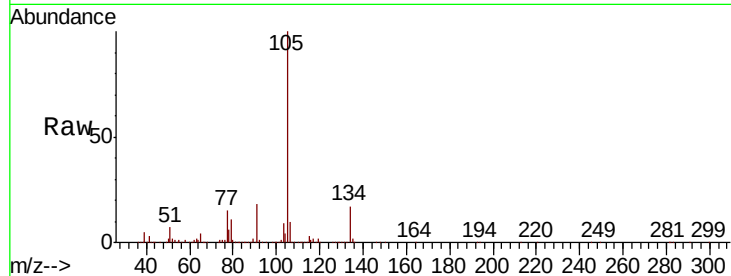
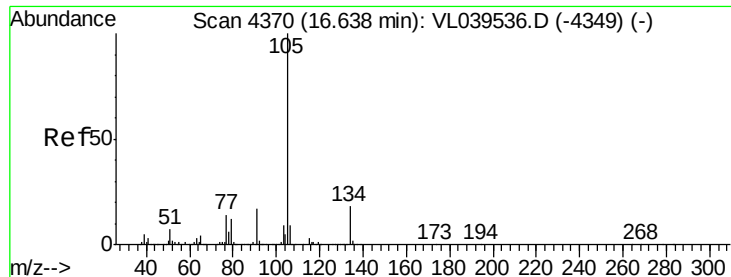
Reviewed By : Semsettin Yesilyurt 09/08/2022
 Supervised By : Mahesh Dadoda 09/08/2022



#66
 Benzyl Chloride
 Concen: 12.535 ppbv m
 RT: 16.34 min Scan# 4271
 Delta R.T.: 0.00 min
 Lab File: VL039616.D
 Acq: 7 Sep 2022 12:51

Tgt Ion: 91 Resp: 346565
 Ion Ratio Lower Upper
 91 100
 126 0.0 13.1 19.7#
 128 5.1 4.4 6.6



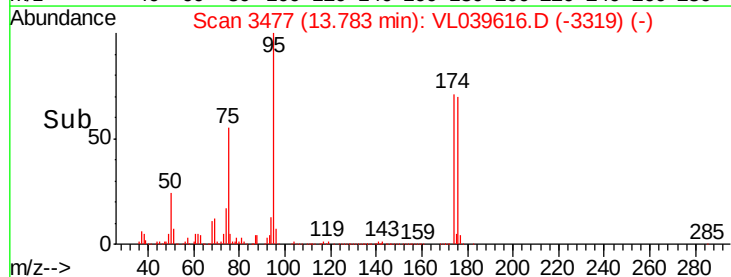
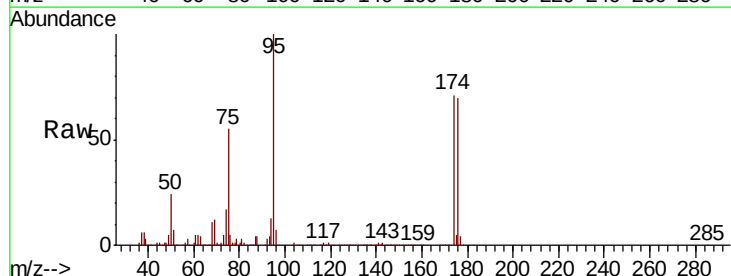
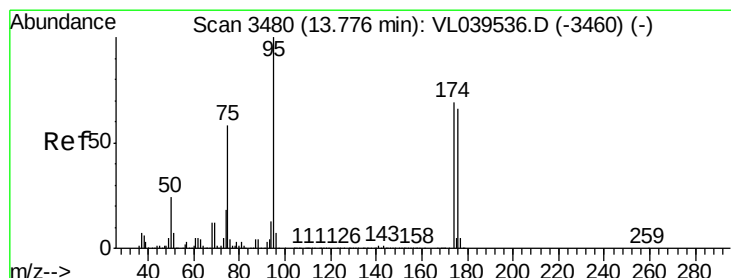
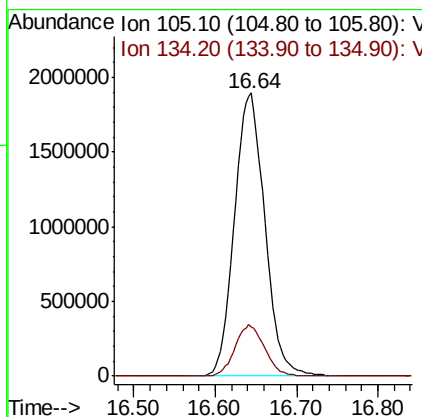


#67
 sec-Butylbenzene
 Concen: 10.154 ppbv
 RT: 16.64 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0907ABS01
 Acq: 7 Sep 2022 12:51

Tot Ion: 1
 Ion Ratio
 105 100
 134 17.

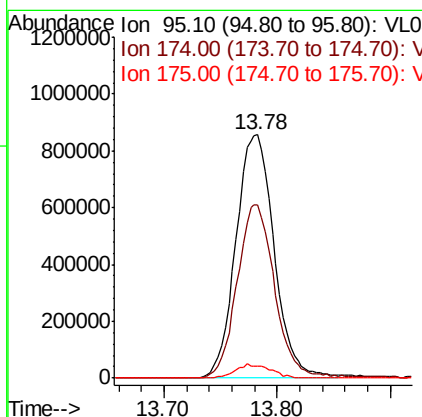
Manual Integrations
 APPROVED

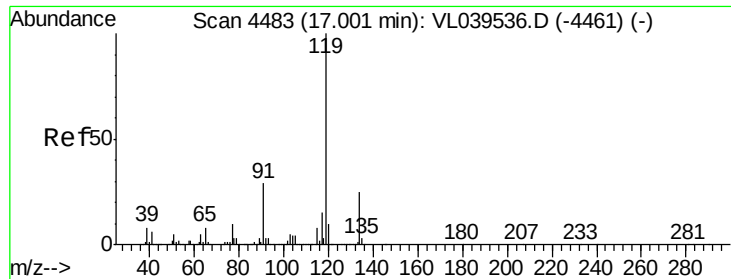
Reviewed By : Semsettin Yesilyurt 09/08/2022
 Supervised By : Mahesh Dadoda 09/08/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.465 ppbv
 RT: 13.78 min Scan# 3477
 Delta R.T.: 0.01 min
 Lab File: VL039616.D
 Acq: 7 Sep 2022 12:51

Tgt Ion: 95 Resp: 2020526
 Ion Ratio Lower Upper
 95 100
 174 70.9 55.9 83.9
 175 5.4 4.2 6.4



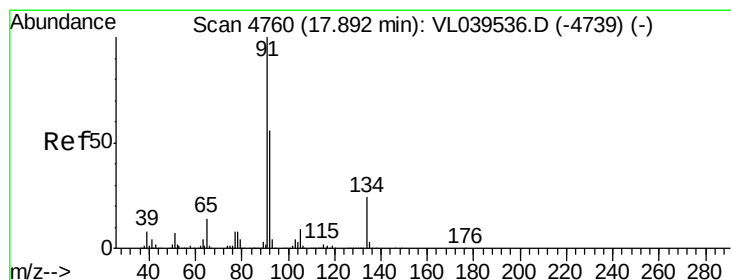
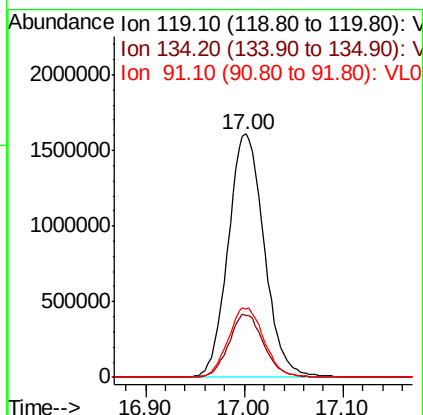
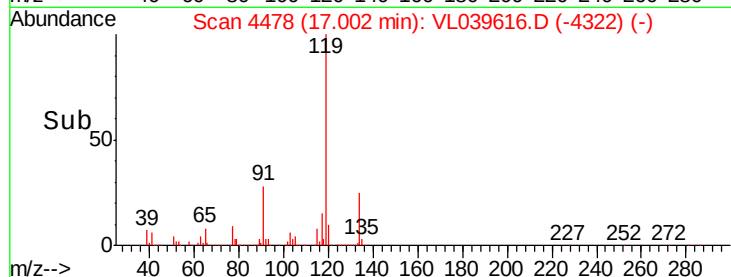
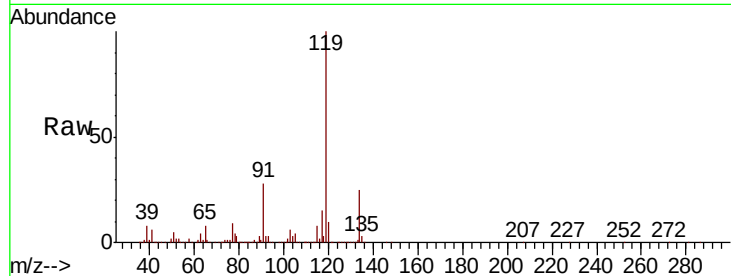


#69
 p-Isopropyltoluene
 Concen: 10.208 ppbv
 RT: 17.00 min
 Delta R.T. 0.00 min
 Lab File: VL0907ABS01
 Acq: 7 Sep 2022 12:51

Tot Ion: 1
 Ion Ratio
 119 100
 134 25.
 91 28.

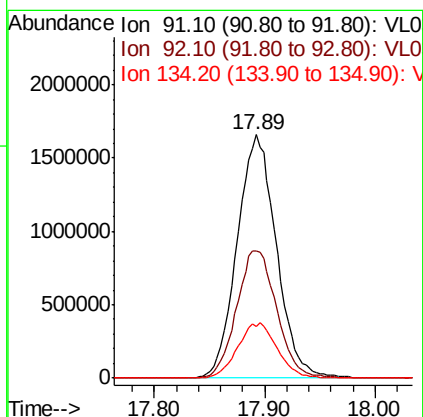
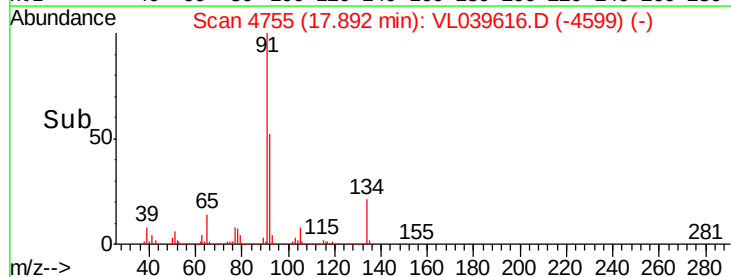
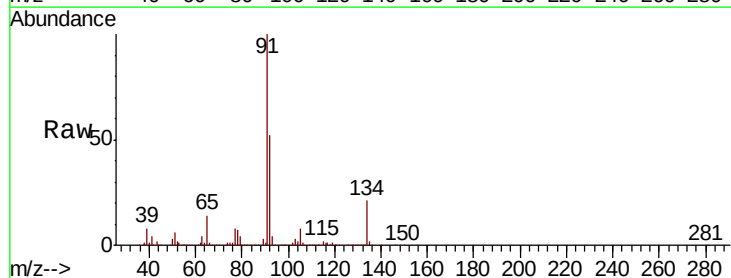
Manual Integrations
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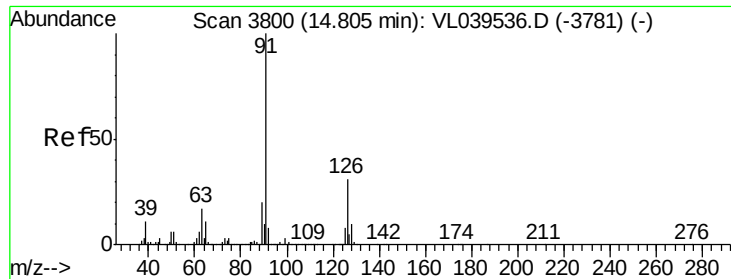
Reviewed By :Semsettin Yesilyurt 09/08/2022
 Supervised By :Mahesh Dadoda 09/08/2022



#70
 n-Butylbenzene
 Concen: 10.235 ppbv
 RT: 17.89 min Scan# 4755
 Delta R.T. 0.00 min
 Lab File: VL039616.D
 Acq: 7 Sep 2022 12:51

Tgt Ion: 91 Resp: 4075144
 Ion Ratio Lower Upper
 91 100
 92 53.8 43.4 65.2
 134 23.1 18.9 28.3





#71

2-Chlorotoluene

Concen: 10.511 ppbv

RT: 14.81

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Sep 2022 12:51

Tot Ion:

Ion Ratio

91 100

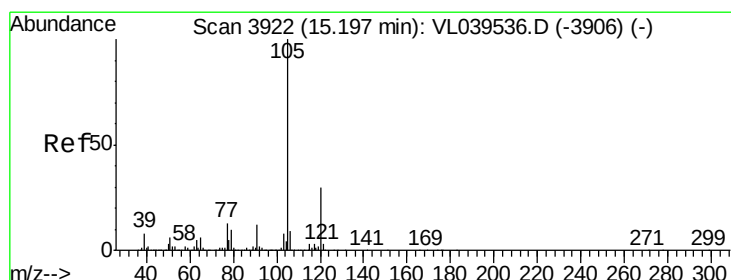
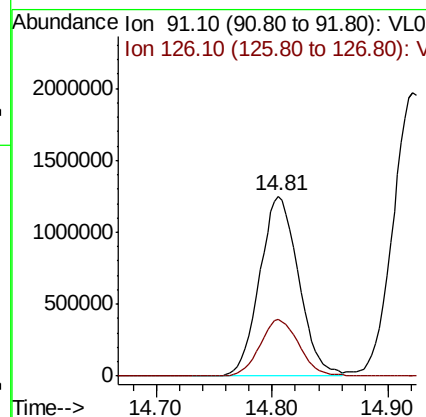
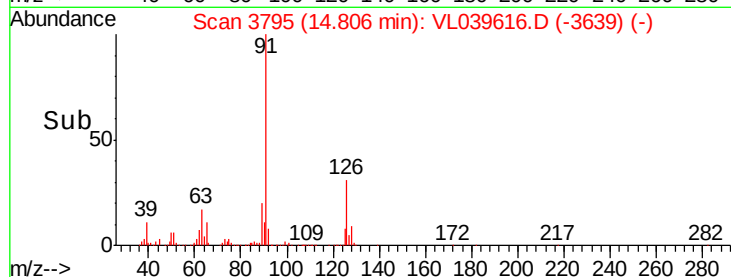
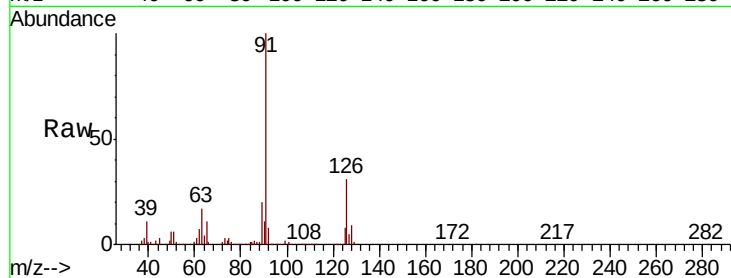
126 32.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/08/2022

Supervised By :Mahesh Dadoda 09/08/2022



#72

4-Ethyltoluene

Concen: 10.916 ppbv

RT: 15.20 min Scan# 3917

Delta R.T. 0.00 min

Lab File: VL039616.D

Acq: 7 Sep 2022 12:51

Tgt Ion:105 Resp: 3232015

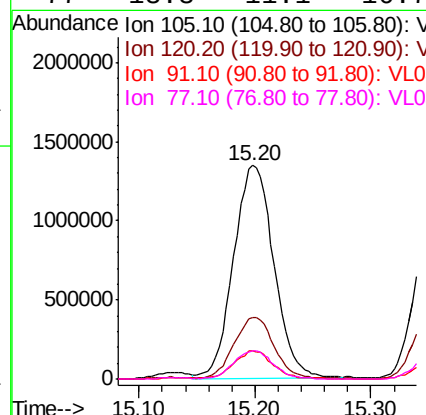
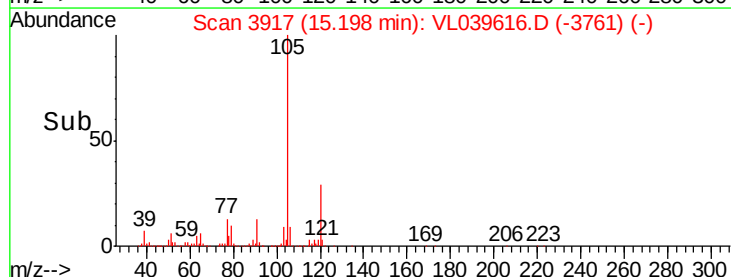
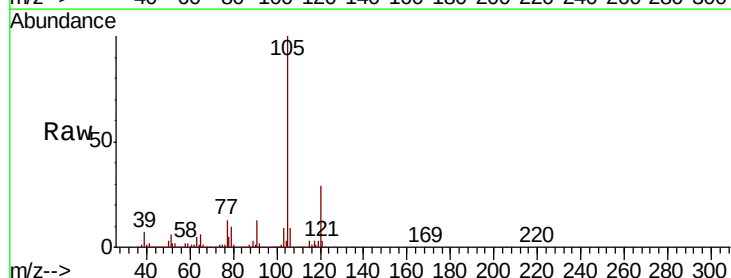
Ion Ratio Lower Upper

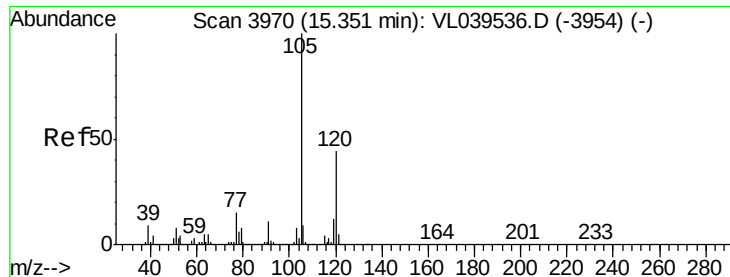
105 100

120 29.3 24.2 36.2

91 13.3 10.2 15.4

77 13.3 11.1 16.7



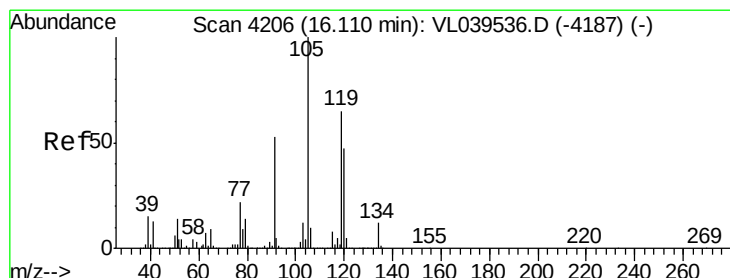
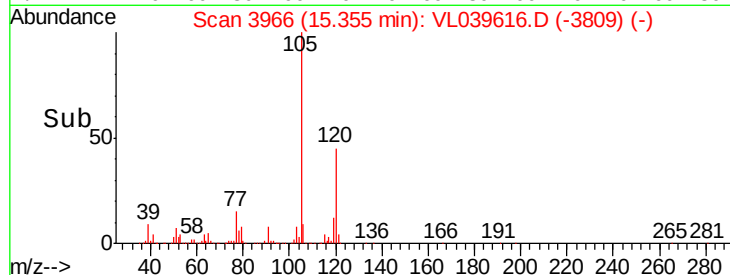
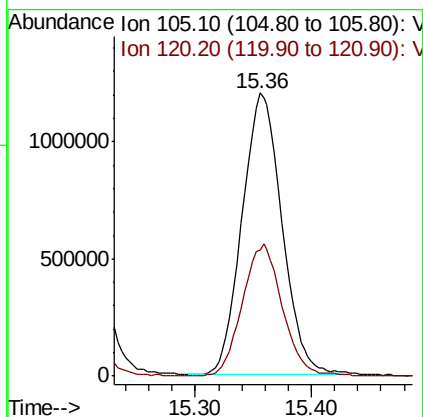
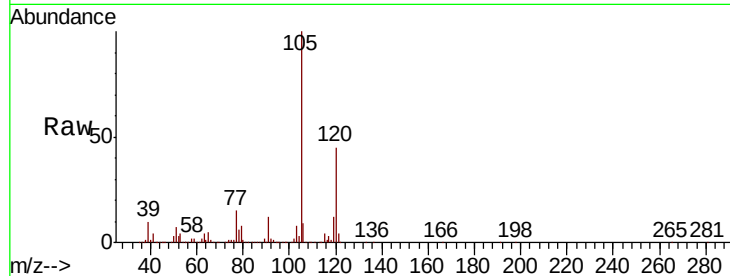


#73
 1,3,5-Trimethylbenzene
 Concen: 10.615 ppbv
 RT: 15.36
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId : VL0907ABS01
 Acq: 7 Sep 2022 12:51

Tot Ion:1
 Ion Rati
 105 100
 120 44.

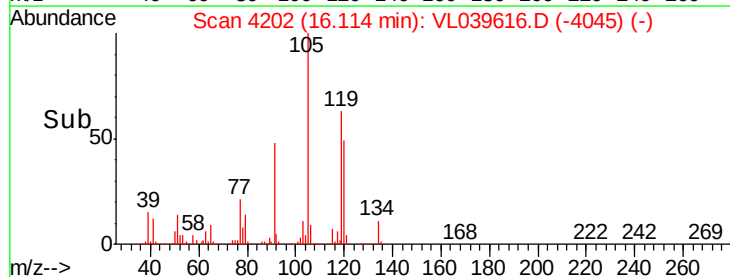
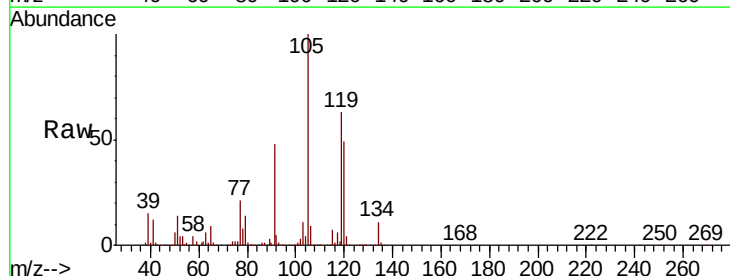
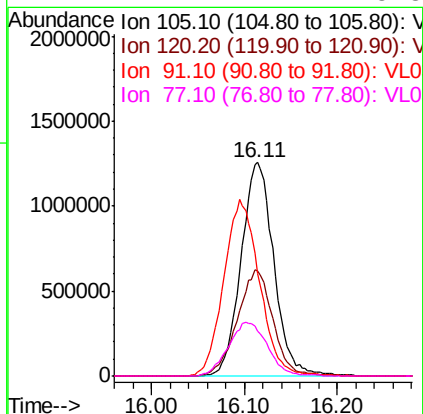
Manual Integrations
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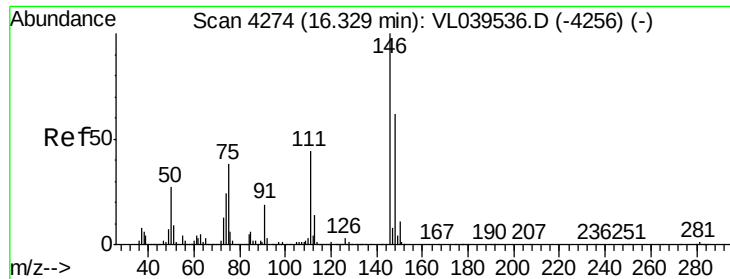
Reviewed By :Semsettin Yesilyurt 09/08/2022
 Supervised By :Mahesh Dadoda 09/08/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 10.194 ppbv
 RT: 16.11 min Scan# 4202
 Delta R.T. 0.00 min
 Lab File: VL039616.D
 Acq: 7 Sep 2022 12:51

Tgt Ion:105 Resp: 3073392
 Ion Ratio Lower Upper
 105 100
 120 49.3 39.5 59.3
 91 47.6 39.2 58.8
 77 21.1 17.2 25.8



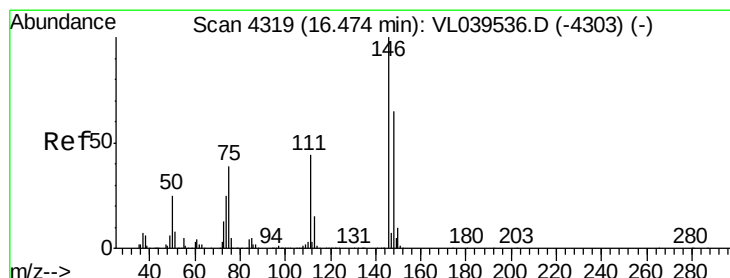
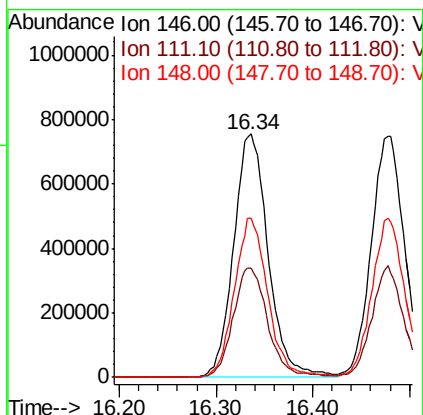
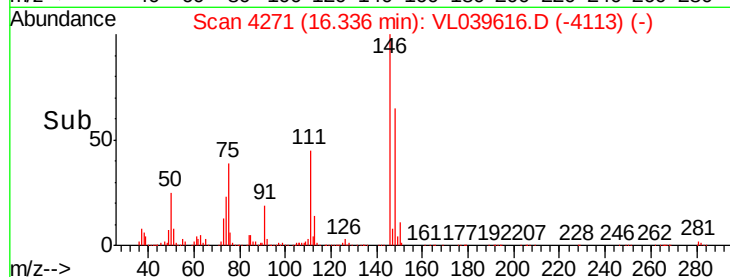
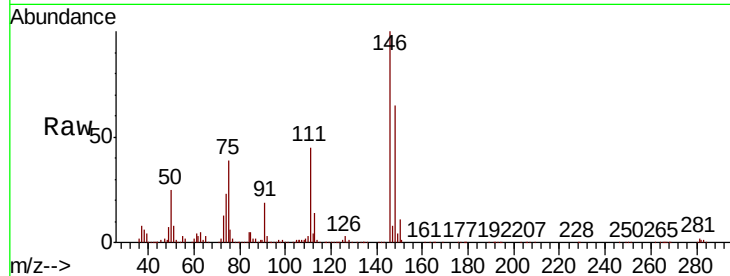


#75
 1,3-Dichlorobenzene
 Concen: 10.214 ppbv
 RT: 16.34 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0907ABS01
 Acq: 7 Sep 2022 12:51

Tot Ion:1
 Ion Rati
 146 100
 111 45.
 148 63.

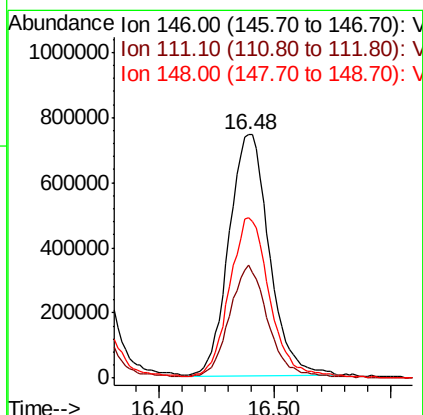
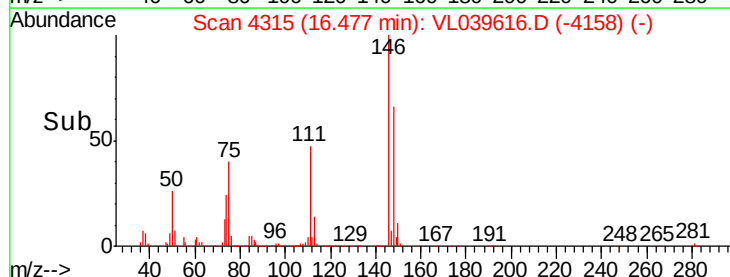
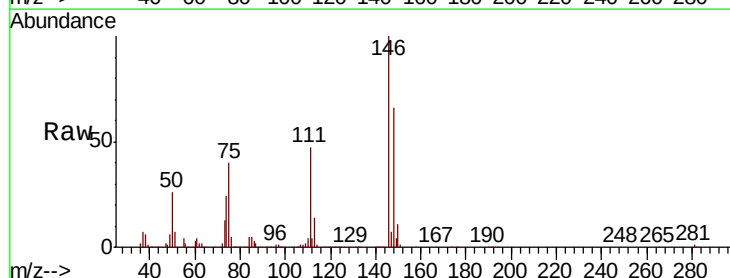
Manual Integrations
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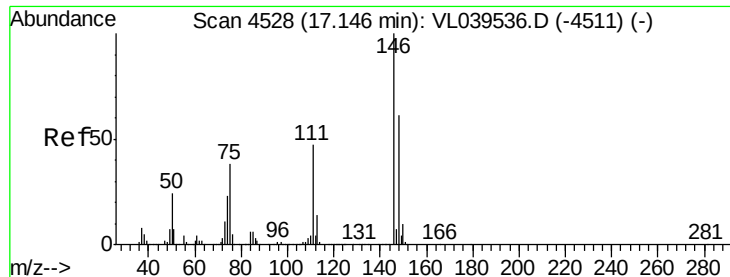
Reviewed By :Semsettin Yesilyurt 09/08/2022
 Supervised By :Mahesh Dadoda 09/08/2022



#76
 1,4-Dichlorobenzene
 Concen: 9.815 ppbv
 RT: 16.48 min Scan# 4315
 Delta R.T. 0.00 min
 Lab File: VL039616.D
 Acq: 7 Sep 2022 12:51

Tgt Ion:146 Resp: 1792494
 Ion Ratio Lower Upper
 146 100
 111 45.4 22.9 68.8
 148 67.4 33.6 100.8



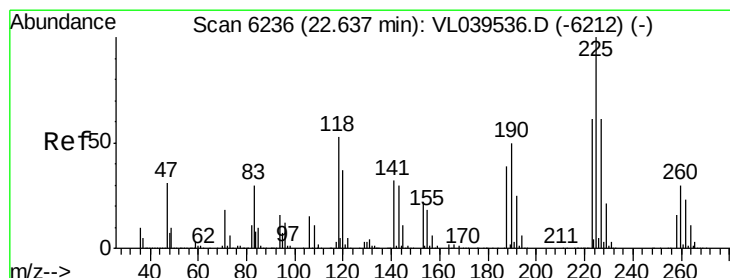
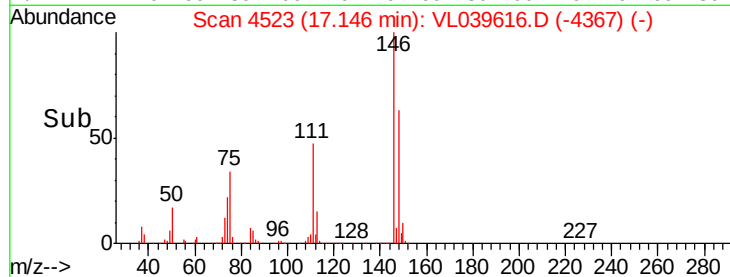
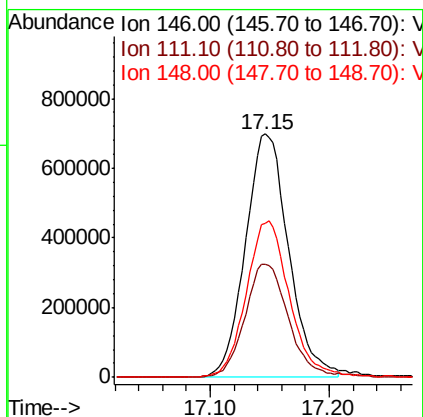
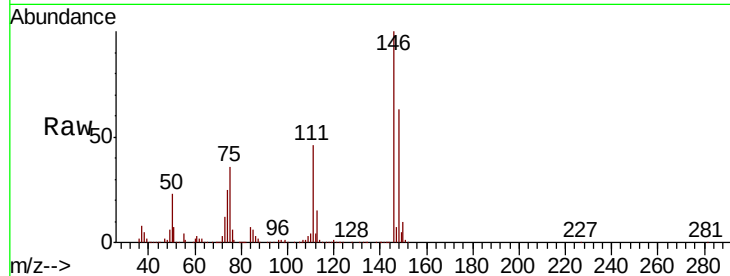


#77
 1,2-Dichlorobenzene
 Concen: 9.758 ppbv
 RT: 17.15
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0907ABS01
 Acq: 7 Sep 2022 12:51

Tot Ion:1
 Ion Rati
 146 100
 111 47.
 148 64.

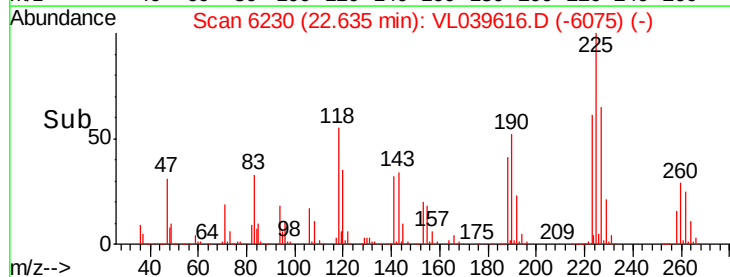
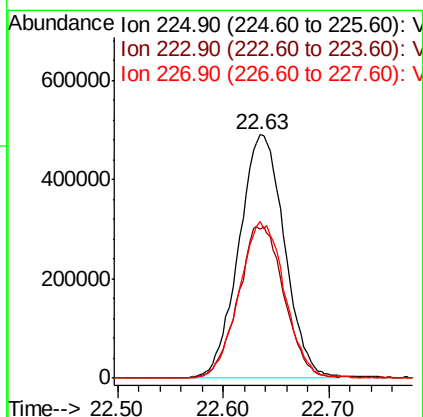
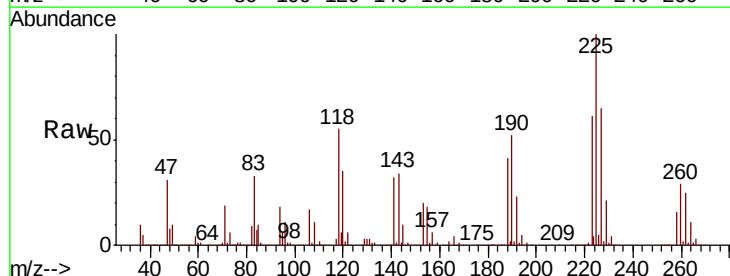
Manual Integrations
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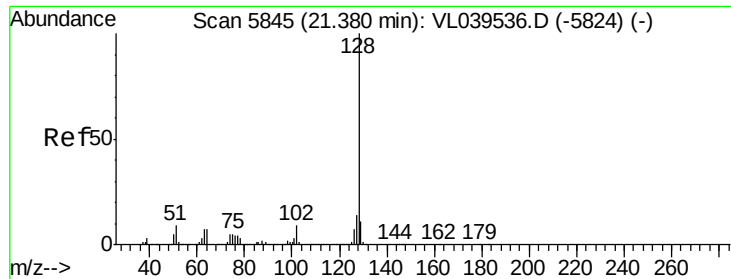
Reviewed By :Semsettin Yesilyurt 09/08/2022
 Supervised By :Mahesh Dadoda 09/08/2022



#78
 Hexachloro-1,3-Butadiene
 Concen: 10.242 ppbv
 RT: 22.63 min Scan# 6230
 Delta R.T. -0.00 min
 Lab File: VL039616.D
 Acq: 7 Sep 2022 12:51

Tgt Ion:225 Resp: 1464080
 Ion Ratio Lower Upper
 225 100
 223 63.5 51.8 77.6
 227 65.2 51.4 77.2





#79

Naphthalene

Concen: 14.270 ppbv

RT: 21.39

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Sep 2022 12:51

Tot Ion:1

Ion Rati

128 100

127 12.

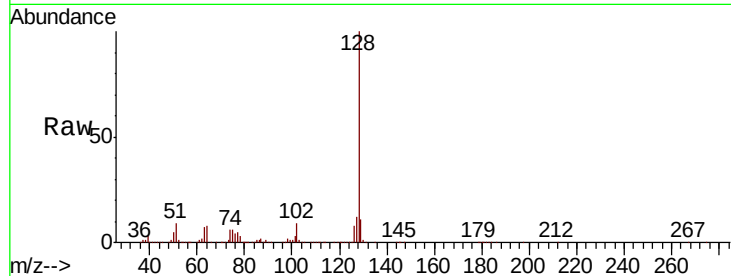
129 10.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/08/2022

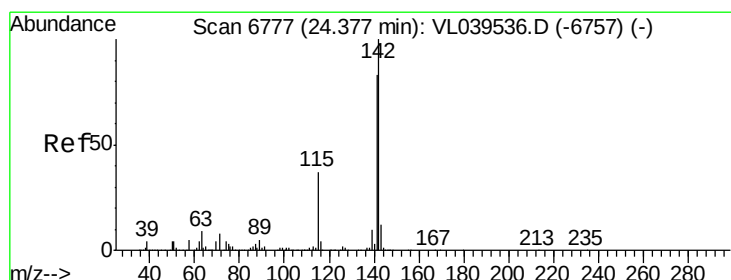
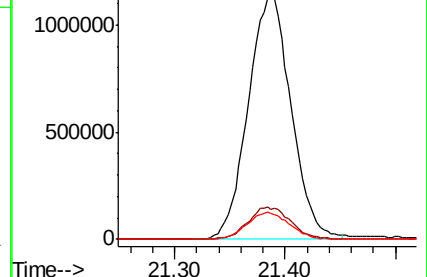
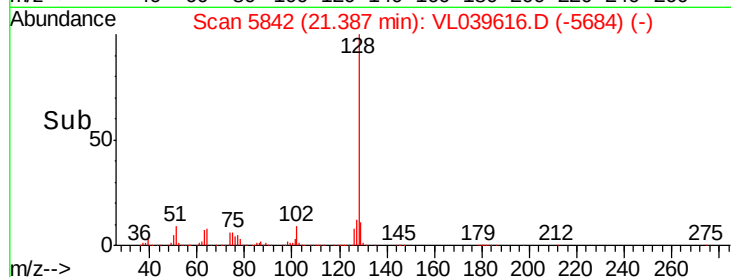
Supervised By :Mahesh Dadoda 09/08/2022



Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 12.666 ppbv

RT: 24.38 min Scan# 6773

Delta R.T. 0.00 min

Lab File: VL039616.D

Acq: 7 Sep 2022 12:51

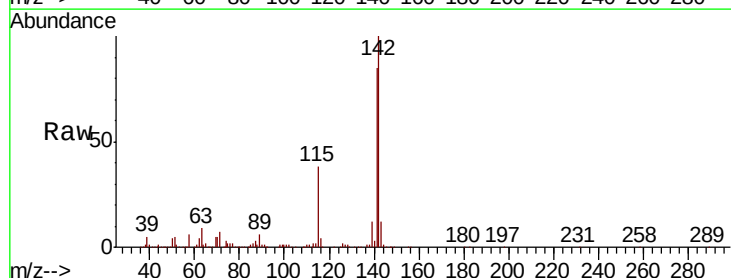
Tgt Ion:142 Resp: 1103695

Ion Ratio Lower Upper

142 100

141 81.6 68.9 103.3

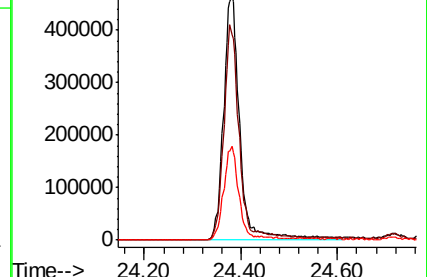
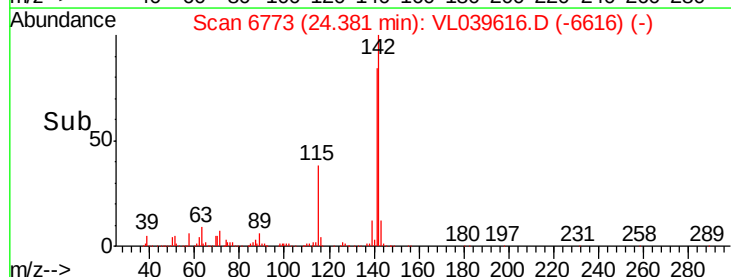
115 36.4 30.0 45.0

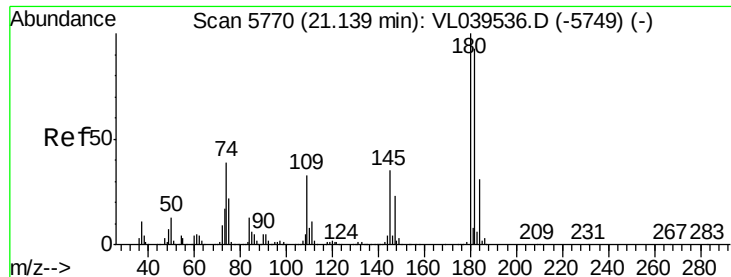


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 11.754 ppbv
 RT: 21.15
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VL0907ABS01
 Acq: 7 Sep 2022 12:51

Tot Ion:1
 Ion Rati
 180 100
 182 97.
 184 31.

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/08/2022
 Supervised By :Mahesh Dadoda 09/08/2022

