

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012422\
 Data File : VL038259.D
 Acq On : 24 Jan 2022 13:14
 Operator : SY/AP
 Sample : VSTDICC015
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 VSTDICC015

Manual Integrations
 APPROVED

Quant Time: Jan 24 14:09:23 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL012422A

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

QLast Update : Mon Jan 24 11:15:25 2022

Response via : Initial Calibration

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	836633	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2284719	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2099915	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1653196	10.22	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.20%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.06	85	2485371	15.766	ppbv	99
3) Chlorodifluoromethane	3.00	51	2124350	12.084	ppbv	100
4) Chloromethane	3.15	50	747502	12.263	ppbv	99
5) Vinyl Chloride	3.27	62	737026	12.029	ppbv	99
6) Bromomethane	3.49	94	417190	13.362	ppbv	100
7) Chloroethane	3.57	64	264825	12.835	ppbv	97
8) Dichlorotetrafluoroethane	3.20	85	1800610	12.035	ppbv	100
9) Propene	3.02	41	718964	11.778	ppbv	99
10) Heptane	8.13	43	1856632	11.990	ppbv	100
11) Trichlorofluoromethane	3.96	101	1824998	12.605	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	4.50	101	1350070	12.346	ppbv	99
13) Ethanol	3.62	45	68520	6.621	ppbv	97
14) Bromoethene	3.75	108	564585	12.959	ppbv	98
15) Acetone	3.86	43	906464	10.796	ppbv	100
16) 1,3-Butadiene	3.34	39	718783	12.566	ppbv	98
17) tert-Butyl alcohol	4.29	59	930306	10.088	ppbv	97
18) 1,1-Dichloroethene	4.30	96	588508	12.288	ppbv	97
19) Isopropyl Alcohol	3.98	45	507721	9.695	ppbv	100
20) Methylene Chloride	4.36	84	489886	10.334	ppbv	96
21) Allyl Chloride	4.42	41	907427	12.776	ppbv	99
22) trans-1,2-Dichloroethene	4.90	96	637235	13.041	ppbv	97
23) Vinyl Acetate	5.09	43	1512449	13.303	ppbv	99
24) 1,1-Dichloroethane	5.02	63	1235362	12.150	ppbv	99
25) Ethyl Acetate	5.68	43	2877888	12.651	ppbv	99
26) Hexane	5.70	57	1322840	11.590	ppbv	98
27) Carbon Disulfide	4.56	76	1563211	15.559	ppbv	98
28) Methyl tert-Butyl Ether	5.04	73	1319452	11.504	ppbv	99
29) Chloroform	5.76	83	2129108	12.571	ppbv	99
30) Cyclohexane	7.14	84	1111448	10.995	ppbv	100
31) cis-1,2-Dichloroethene	5.56	61	1373886	15.349	ppbv	95
32) 1,1,1-Trichloroethane	6.52	97	2087274	12.421	ppbv	99
34) 2-Butanone	5.25	43	1326793	19.321	ppbv	98
35) Carbon Tetrachloride	7.03	117	2187930	15.514	ppbv	99
36) Benzene	6.90	78	2781638	13.053	ppbv	98
37) 1,2-Dichloroethane	6.32	62	1627877	15.223	ppbv	99
38) Trichloroethene	7.84	130	989469	12.200	ppbv	97
39) 1,2-Dichloropropane	7.62	63	1104786	13.470	ppbv	98
40) 1,4-Dioxane	7.84	88	245916	10.307	ppbv #	1
41) Tetrahydrofuran	6.06	42	734652	14.606	ppbv	99
42) Bromodichloromethane	7.80	83	2338260	15.368	ppbv	99
43) Methyl Methacrylate	8.02	69	1075410	14.663	ppbv	98

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Instrument :
 MSVOA L
 ClientSampleId :
 VSTDIC015

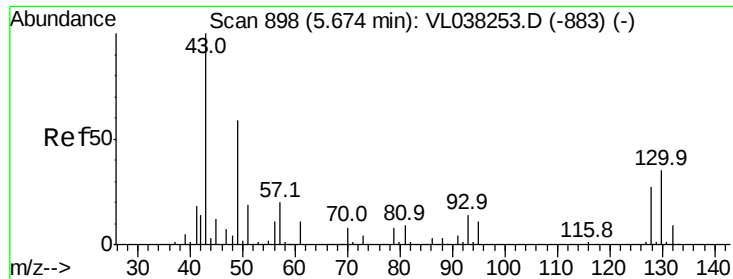
Manual Integrations
 APPROVED

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

Quant Time: Jan 24 14:09:23 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL012422A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Jan 24 11:15:25 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.88	57	4556173	12.586	ppbv	99
45) t-1,3-Dichloropropene	9.28	75	1001041	18.443	ppbv	100
46) cis-1,3-Dichloropropene	8.71	75	1214883	16.170	ppbv	98
47) 1,1,2-Trichloroethane	9.48	97	1111097	13.052	ppbv	98
48) Dibromochloromethane	10.31	129	1923714	16.070	ppbv	99
49) Bromoform	13.05	173	1424183	16.745	ppbv	100
50) 4-Methyl-2-Pentanone	8.75	43	1907948	15.281	ppbv	99
51) 2-Hexanone	10.14	43	877724	14.688	ppbv	97
52) Tetrachloroethene	11.23	164	902227	11.469	ppbv	98
53) Toluene	9.81	91	3137946	12.761	ppbv	99
54) 1,2-Dibromoethane	10.62	107	1636991	13.556	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.13	131	1211967	13.876	ppbv	98
57) Chlorobenzene	12.15	112	2206411	12.115	ppbv	98
58) Ethyl Benzene	12.72	91	4106119	12.601	ppbv	96
59) m/p-Xylene	13.00	91	6764594m	24.282	ppbv	
60) o-Xylene	13.70	91	3168684	12.268	ppbv	100
61) Styrene	13.53	104	1719747	13.145	ppbv	99
62) Isopropylbenzene	14.67	105	4214786	11.623	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.68	83	2140429	10.776	ppbv	100
64) n-propylbenzene	15.57	120	1063493	11.796	ppbv	95
65) tert-Butylbenzene	16.75	119	3379395	10.587	ppbv	99
66) Benzyl Chloride	17.00	91	204987	17.231	ppbv	97
67) sec-Butylbenzene	17.30	105	4699355	10.715	ppbv	99
69) p-Isopropyltoluene	17.66	119	3712439	10.524	ppbv	99
70) n-Butylbenzene	18.55	91	3672912	10.951	ppbv	100
71) 2-Chlorotoluene	15.46	91	3183694	11.795	ppbv	100
72) 4-Ethyltoluene	15.85	105	3505885	11.787	ppbv	100
73) 1,3,5-Trimethylbenzene	16.00	105	3055269	11.478	ppbv	99
74) 1,2,4-Trimethylbenzene	16.77	105	3041714	10.880	ppbv	99
75) 1,3-Dichlorobenzene	17.00	146	1693388	11.214	ppbv	100
76) 1,4-Dichlorobenzene	17.14	146	1635348	10.915	ppbv	99
77) 1,2-Dichlorobenzene	17.82	146	1534934	10.616	ppbv	99
78) Hexachloro-1,3-Butadiene	23.38	225	994612	11.148	ppbv	99
79) Naphthalene	22.20	128	1932520m	13.381	ppbv	
80) Naphthalene, 2-methyl-	24.98	142	276965	9.666	ppbv	93
81) 1,2,4-Trichlorobenzene	21.93	180	998828	12.094	ppbv	98

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Jan 2022 13:14 VSTDIC015

Tot Ion:

Ion Ratio

49 100

128 49.

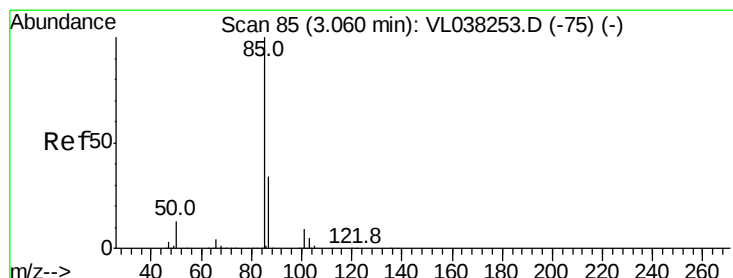
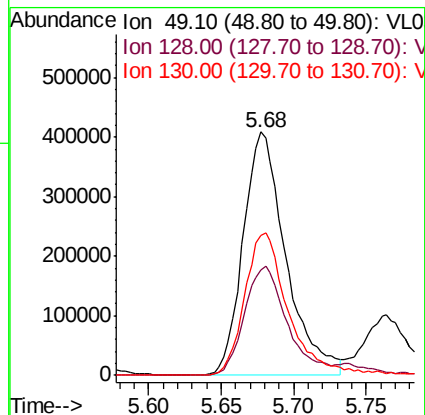
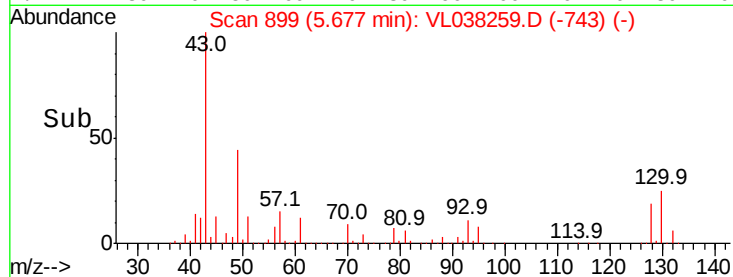
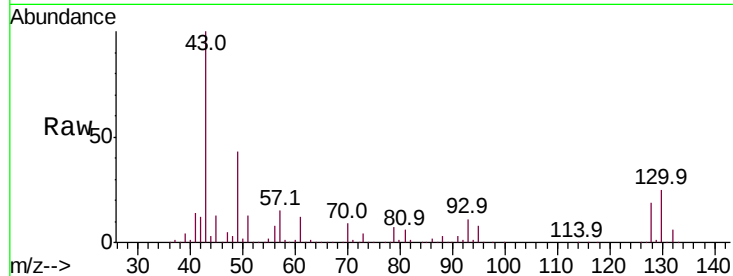
130 60.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#2

Dichlorodifluoromethane

Concen: 15.766 ppbv

RT: 3.06 min Scan# 86

Delta R.T. 0.00 min

Lab File: VL038259.D

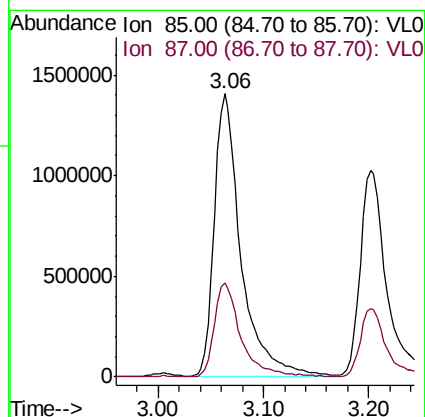
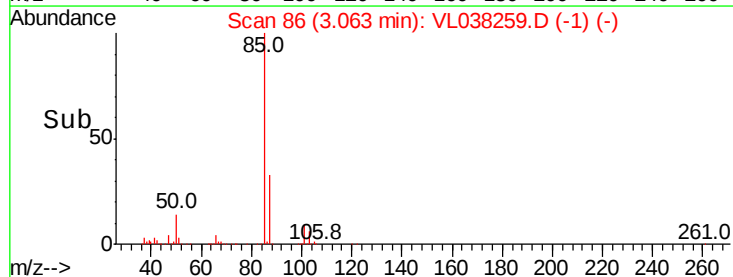
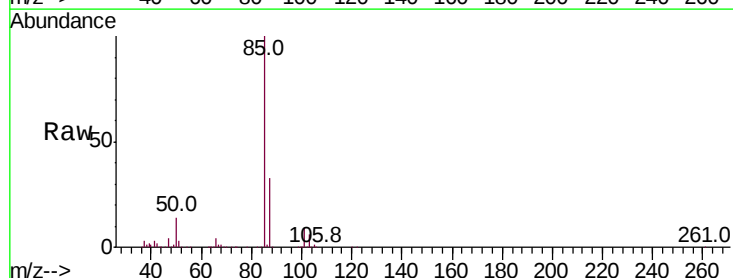
Acq: 24 Jan 2022 13:14

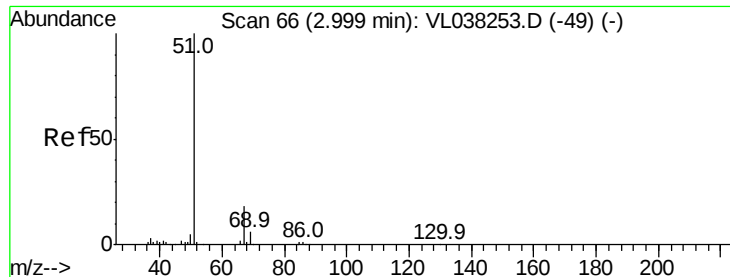
Tgt Ion: 85 Resp: 2485371

Ion Ratio Lower Upper

85 100

87 33.1 27.0 40.6



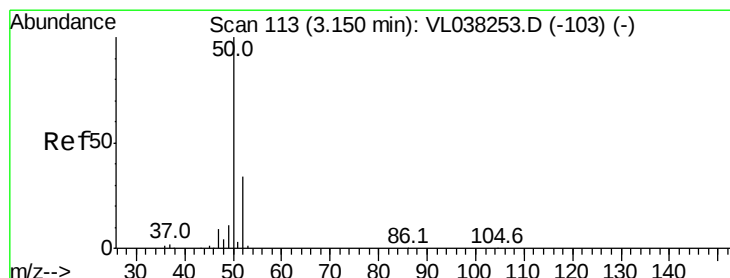
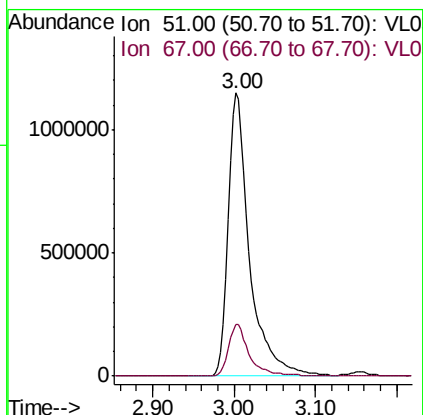
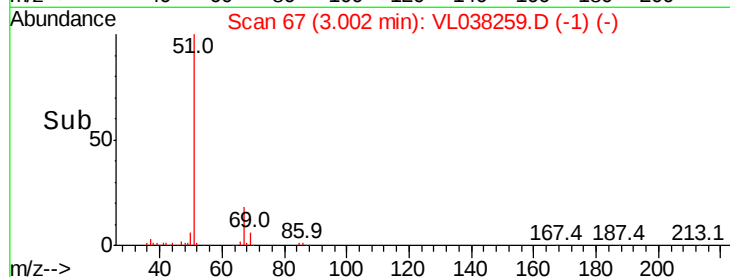
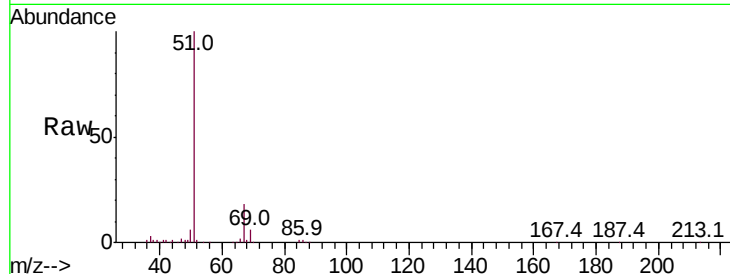


#3
 Chlorodifluoromethane
 Concen: 12.084 ppbv
 RT: 3.00
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 24 Jan 2022 13:14

Tot Ion:
 Ion Ratio
 51 100
 67 18.

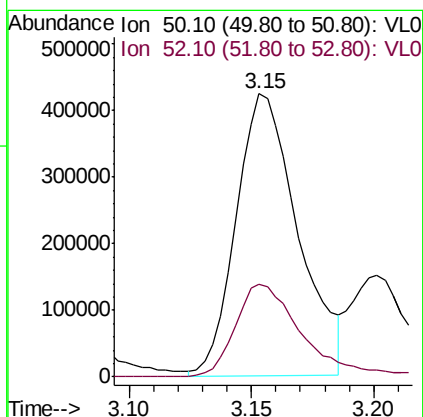
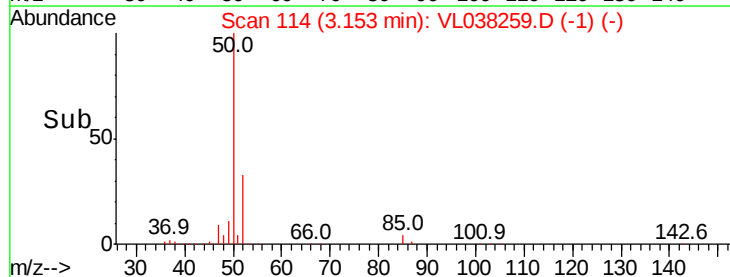
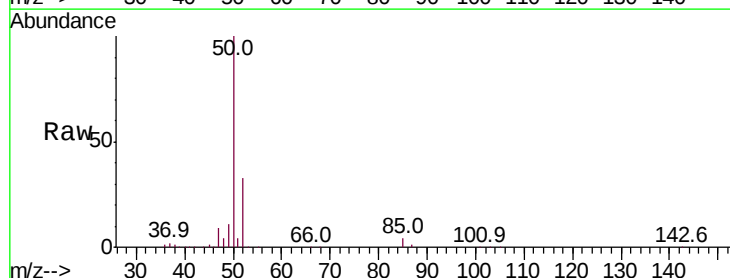
Manual Integrations
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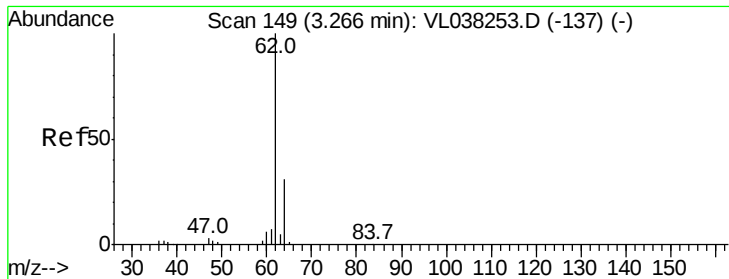
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#4
 Chloromethane
 Concen: 12.263 ppbv
 RT: 3.15 min Scan# 114
 Delta R.T.: 0.00 min
 Lab File: VL038259.D
 Acq: 24 Jan 2022 13:14

Tgt Ion: 50 Resp: 747502
 Ion Ratio Lower Upper
 50 100
 52 33.2 27.1 40.7





#5

Vinyl Chloride

Concen: 12.029 ppbv

RT: 3.27 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VSTDIC015

Acq: 24 Jan 2022 13:14

Tot Ion:

Ion Ratio

62 100

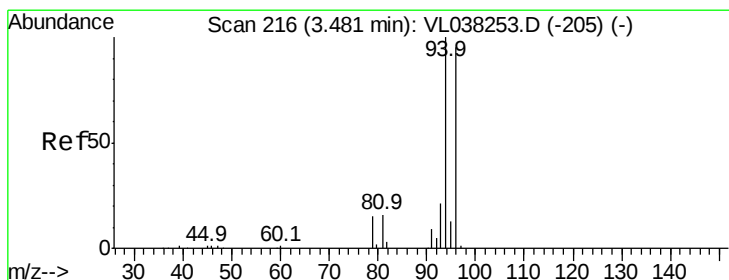
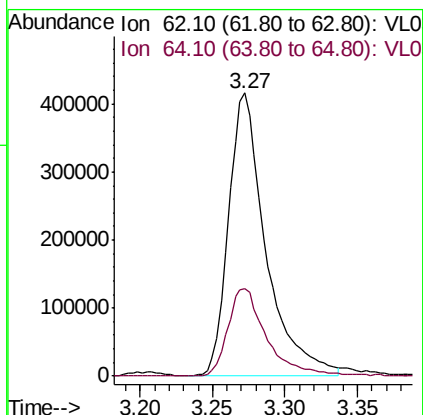
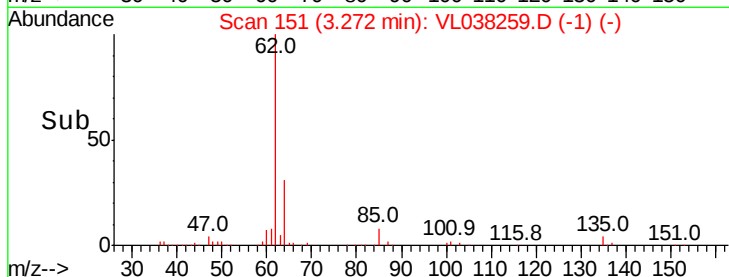
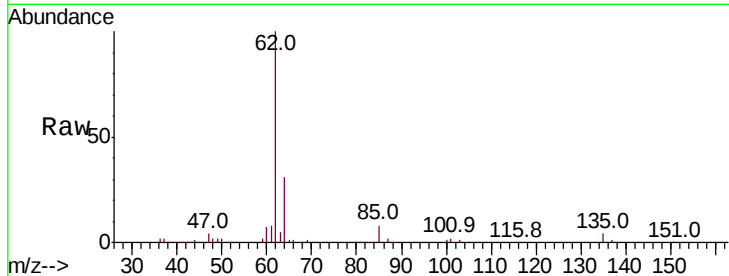
64 31.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#6

Bromomethane

Concen: 13.362 ppbv

RT: 3.49 min Scan# 218

Delta R.T. 0.01 min

Lab File: VL038259.D

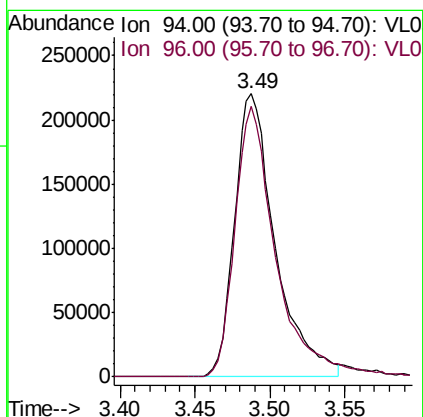
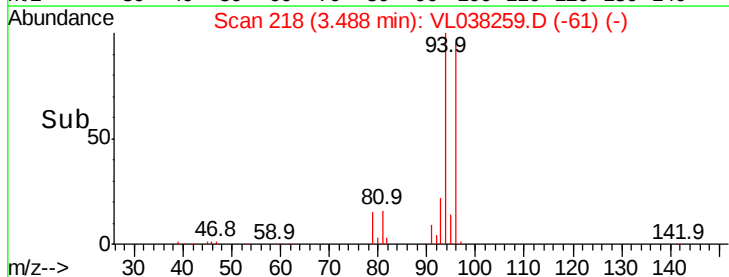
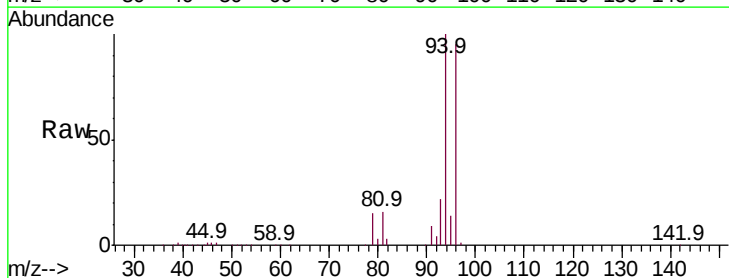
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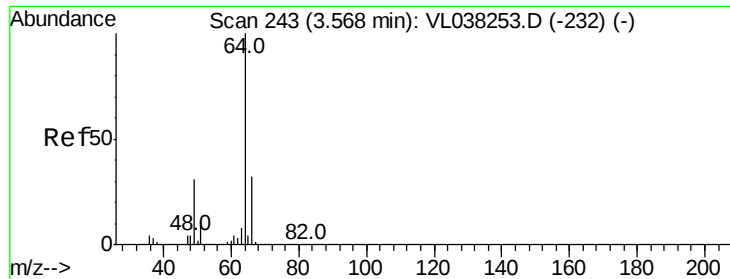
Tgt Ion: 94 Resp: 417190

Ion Ratio Lower Upper

94 100

96 95.5 76.0 114.0





#7

Chloroethane

Concen: 12.835 ppbv

RT: 3.57

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Jan 2022 13:14

Tot Ion:

Ion Ratio

64 100

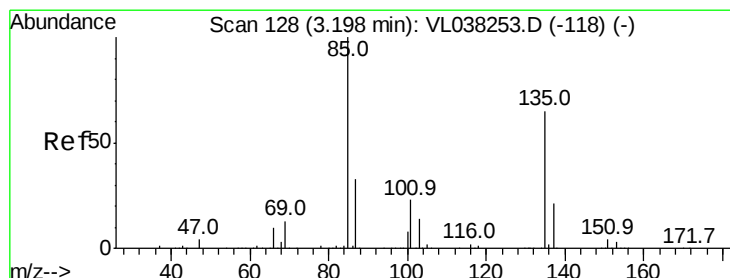
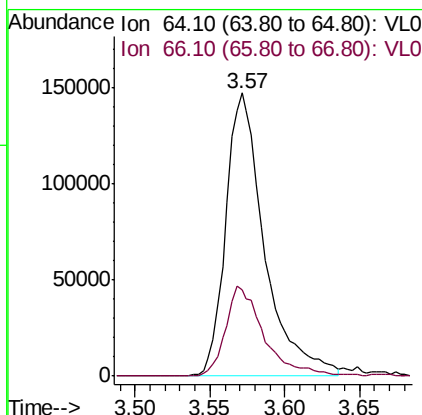
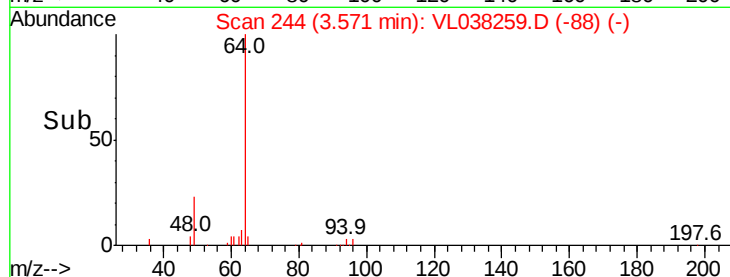
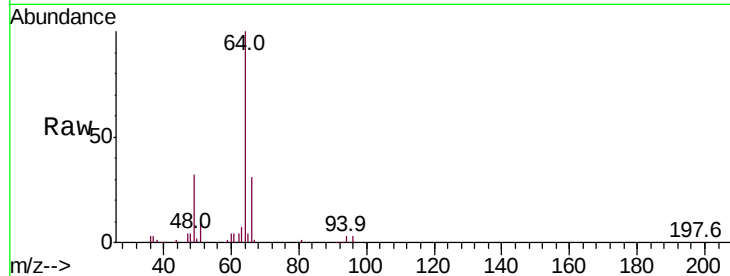
66 30.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#8

Dichlorotetrafluoroethane

Concen: 12.035 ppbv

RT: 3.20 min Scan# 129

Delta R.T. 0.00 min

Lab File: VL038259.D

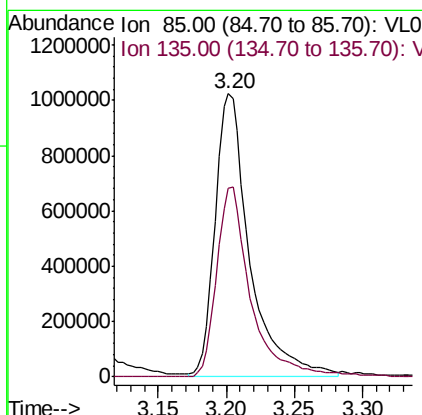
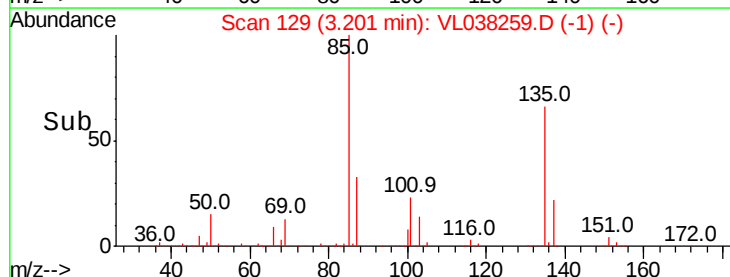
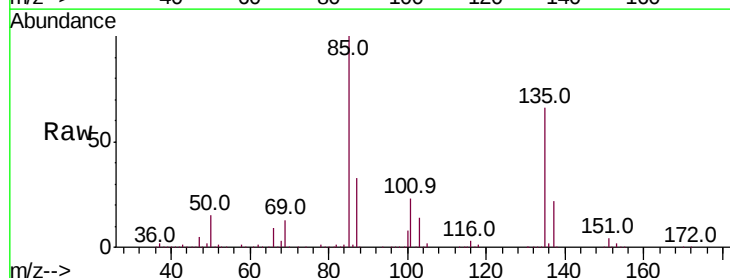
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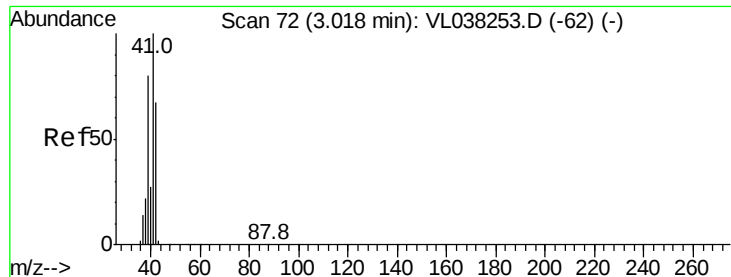
Tgt Ion: 85 Resp: 1800610

Ion Ratio Lower Upper

85 100

135 66.9 53.7 80.5





#9

Propene

Concen: 11.778 ppbv

RT: 3.02

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VSTDIC015

Acq: 24 Jan 2022 13:14

Tot Ion:

Ion Ratio

41 100

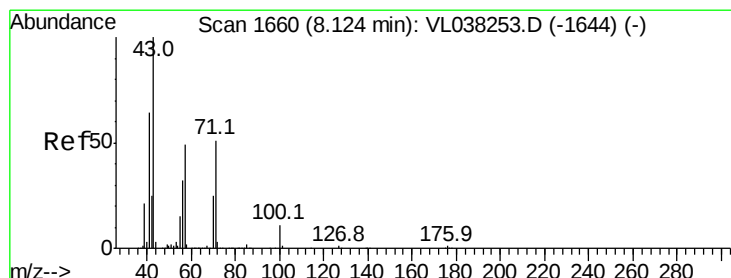
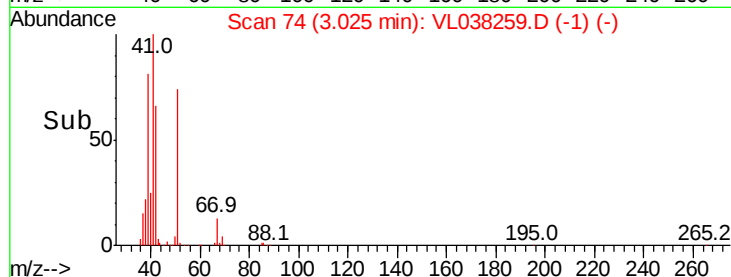
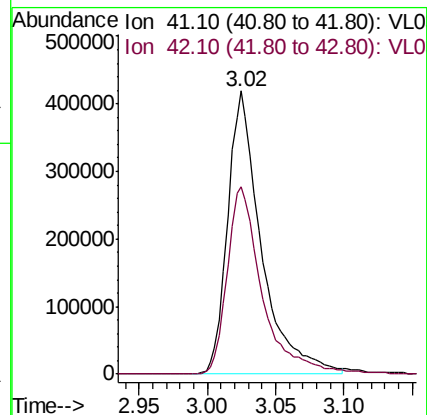
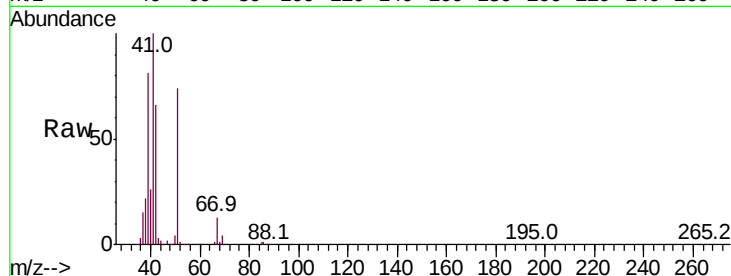
42 69.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#10

Heptane

Concen: 11.990 ppbv

RT: 8.13 min Scan# 1662

Delta R.T. 0.01 min

Lab File: VL038259.D

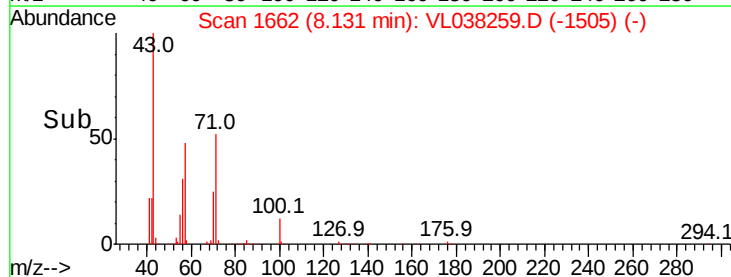
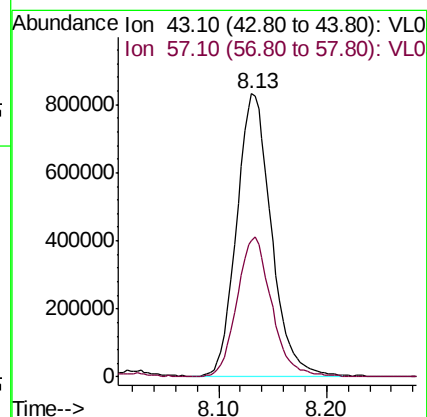
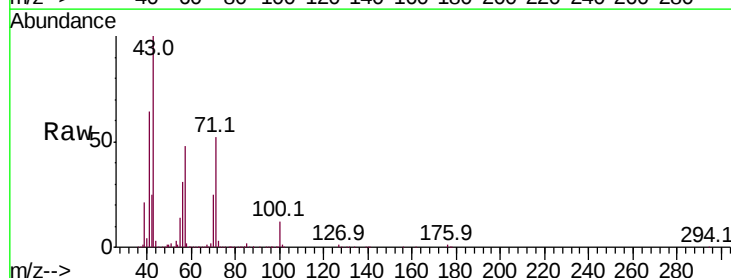
Acq: 24 Jan 2022 13:14

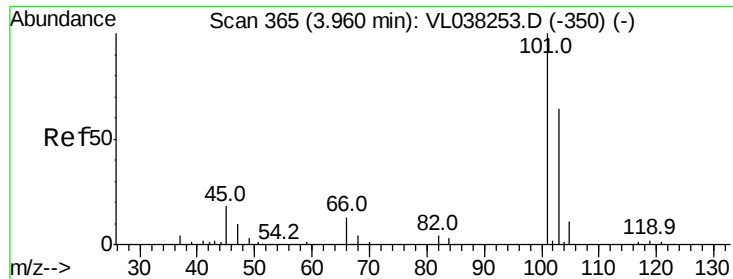
Tgt Ion: 43 Resp: 1856632

Ion Ratio Lower Upper

43 100

57 49.7 39.5 59.3



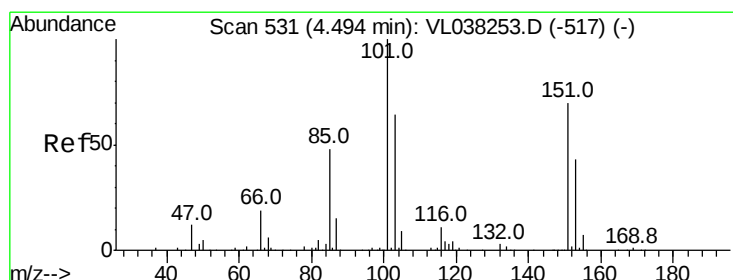
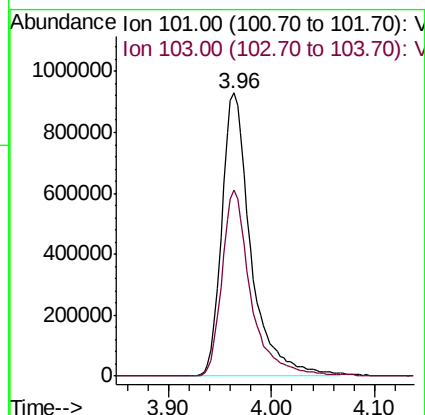
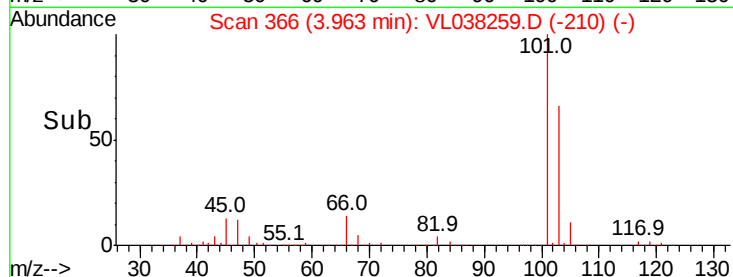
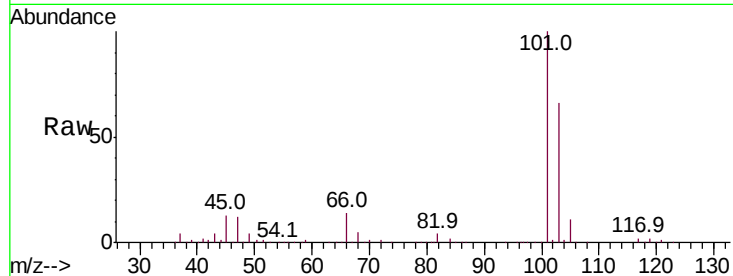


#11
 Trichlorofluoromethane
 Concen: 12.605 ppbv
 RT: 3.96
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 24 Jan 2022 13:14

Tot Ion:1
 Ion Rati
 101 100
 103 65.

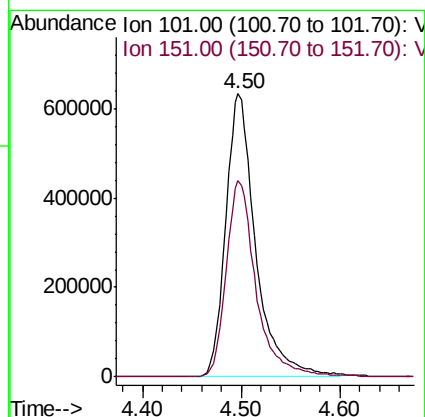
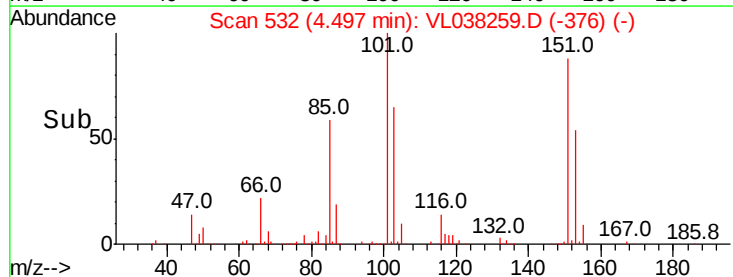
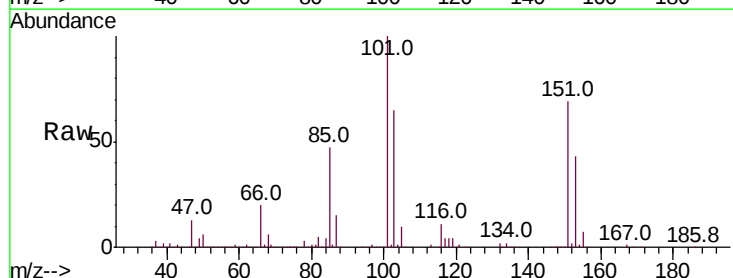
Manual Integrations
 APPROVED

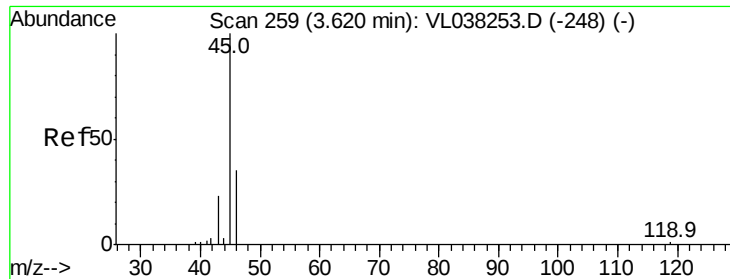
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 12.346 ppbv
 RT: 4.50 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VL038259.D
 Acq: 24 Jan 2022 13:14

Tgt Ion:101 Resp: 1350070
 Ion Ratio Lower Upper
 101 100
 151 69.5 55.3 82.9



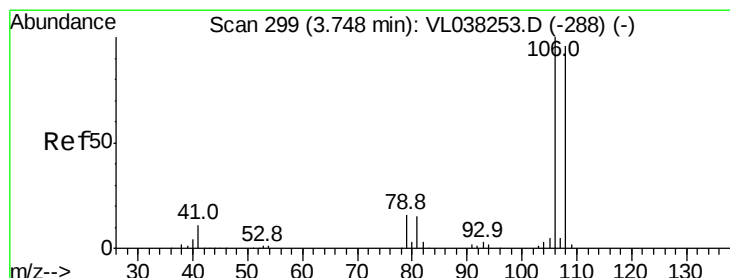
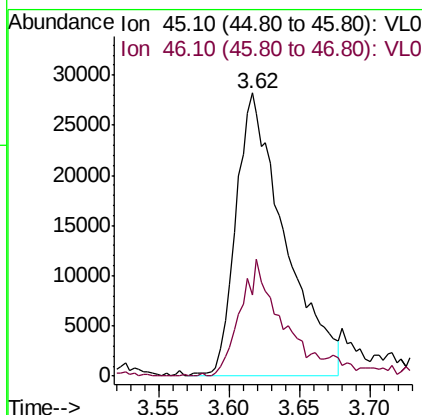
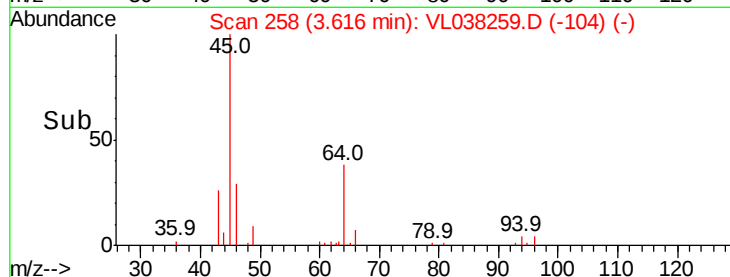
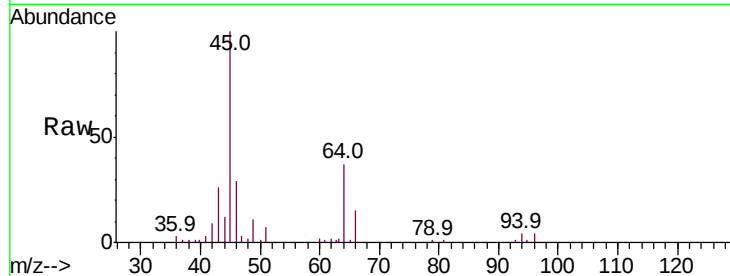


#13
Ethanol
Concen: 6.621 ppbv
RT: 3.62
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 24 Jan 2022 13:14

Tot Ion:
Ion Ratio
45 100
46 40.

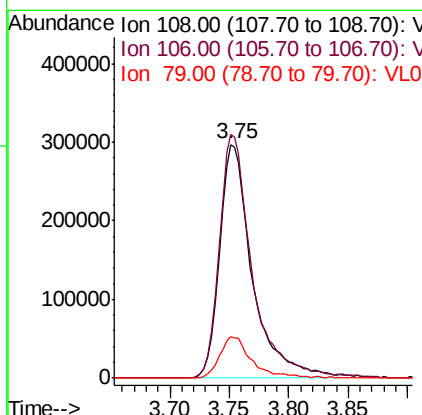
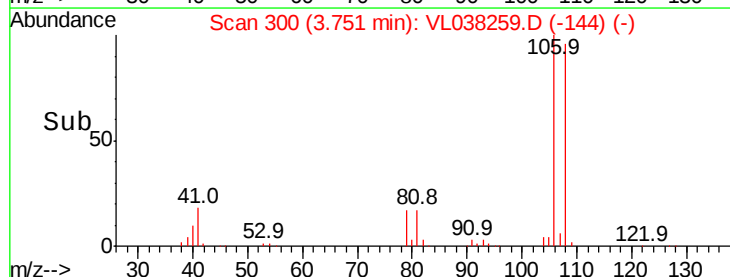
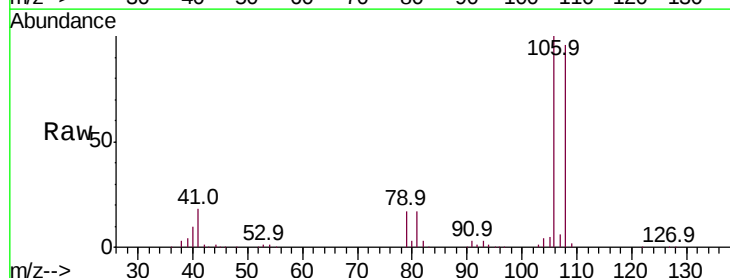
Manual Integrations
APPROVED

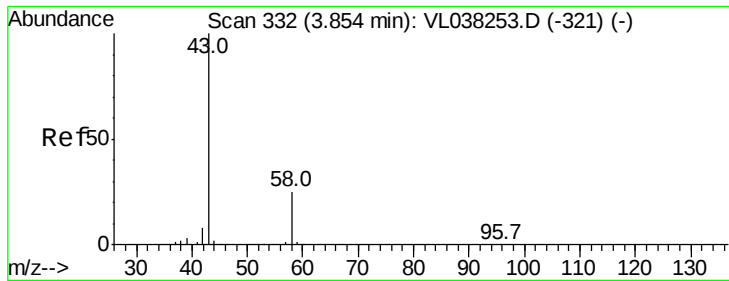
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#14
Bromoethene
Concen: 12.959 ppbv
RT: 3.75 min Scan# 300
Delta R.T. 0.00 min
Lab File: VL038259.D
Acq: 24 Jan 2022 13:14

Tgt Ion:108 Resp: 564585
Ion Ratio Lower Upper
108 100
106 105.8 86.4 129.6
79 18.1 14.1 21.1





#15

Acetone

Concen: 10.796 ppbv

RT: 3.86

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Jan 2022 13:14

Tot Ion:

Ion Ratio

43 100

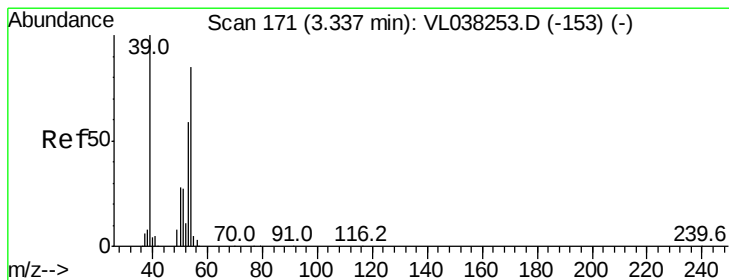
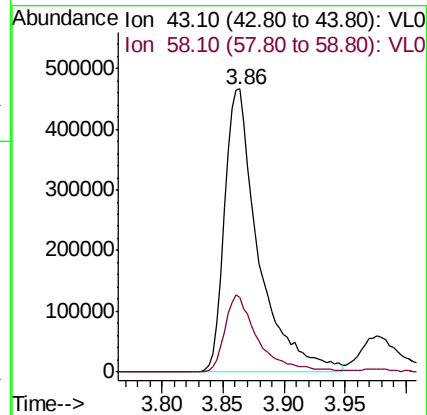
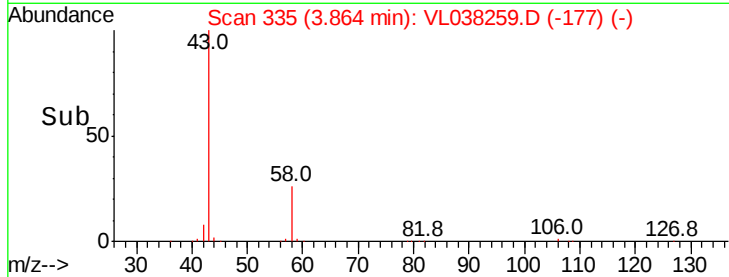
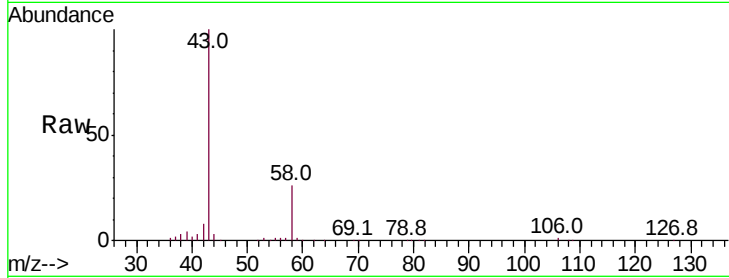
58 26.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#16

1,3-Butadiene

Concen: 12.566 ppbv

RT: 3.34 min Scan# 172

Delta R.T. 0.00 min

Lab File: VL038259.D

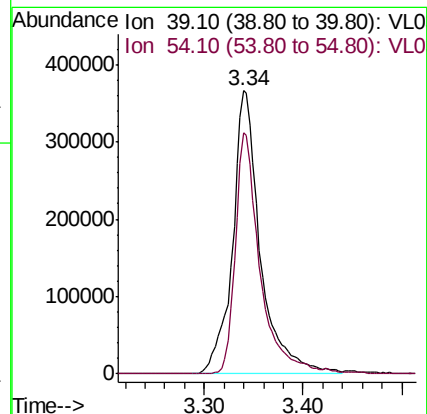
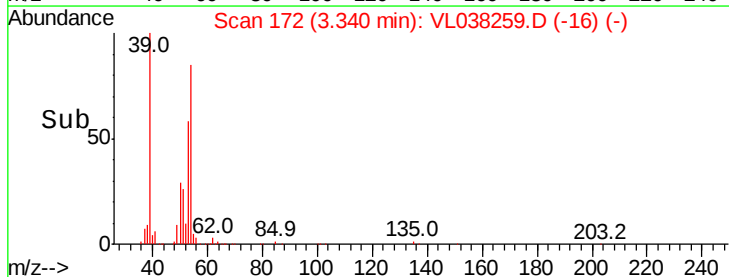
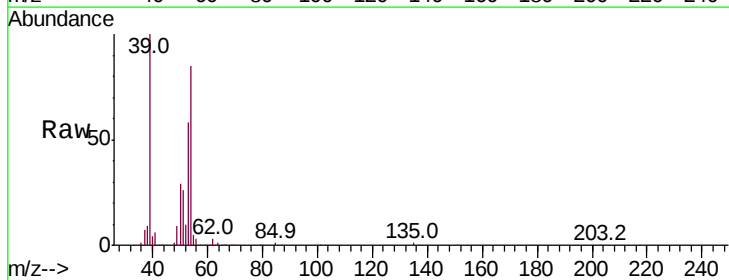
Acq: 24 Jan 2022 13:14

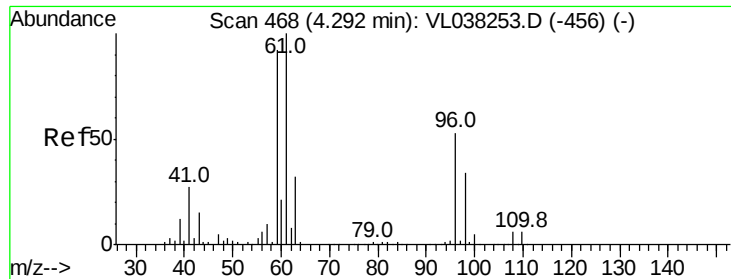
Tgt Ion: 39 Resp: 718783

Ion Ratio Lower Upper

39 100

54 76.7 62.6 94.0





#17

tert-Butyl alcohol

Concen: 10.088 ppbv

RT: 4.29 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

VSTDIC015

Acq: 24 Jan 2022 13:14

Tot Ion:

Ion Ratio

59 100

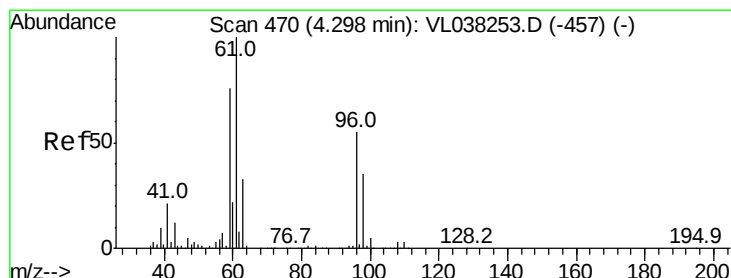
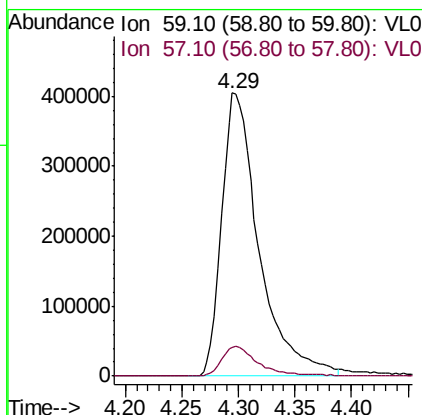
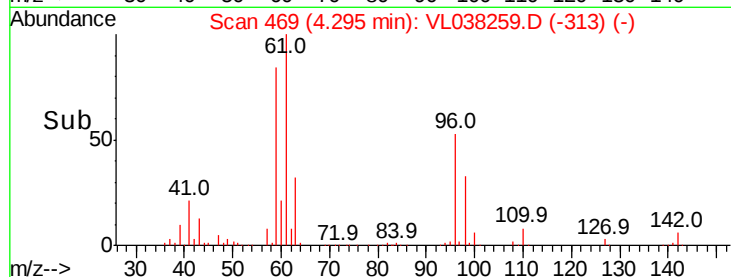
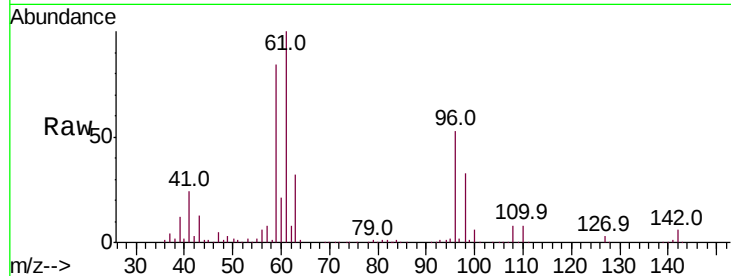
57 10.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#18

1,1-Dichloroethene

Concen: 12.288 ppbv

RT: 4.30 min Scan# 471

Delta R.T. 0.00 min

Lab File: VL038259.D

Acq: 24 Jan 2022 13:14

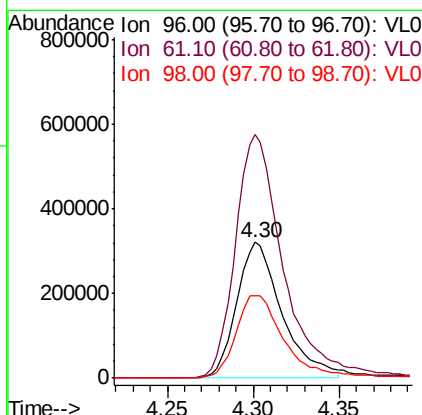
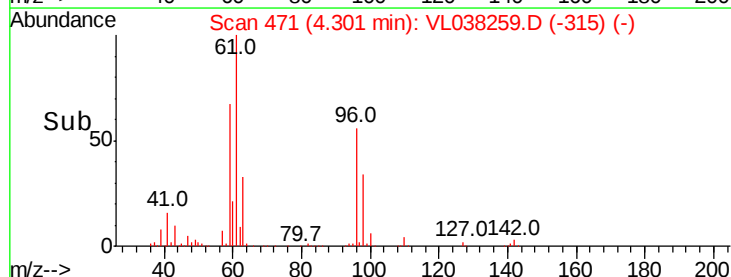
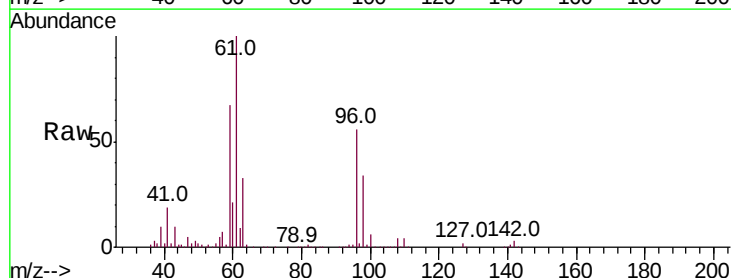
Tgt Ion: 96 Resp: 588508

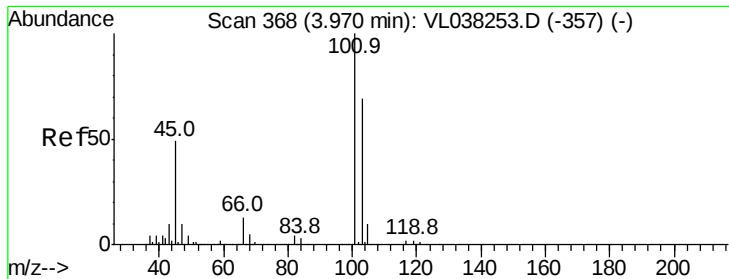
Ion Ratio Lower Upper

96 100

61 179.6 146.5 219.7

98 60.7 51.9 77.9





#19

Isopropyl Alcohol

Concen: 9.695 ppbv

RT: 3.98

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Jan 2022 13:14

Tot Ion:

Ion Ratio

45 100

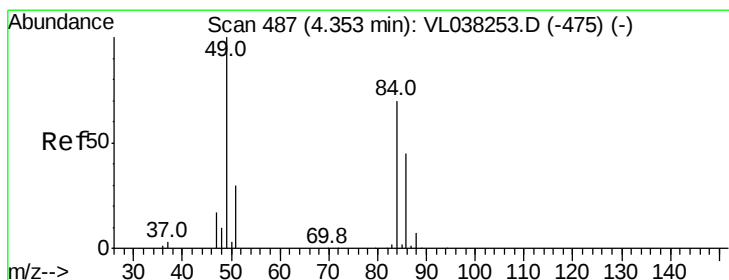
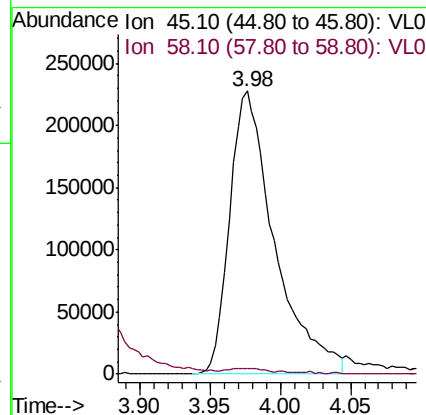
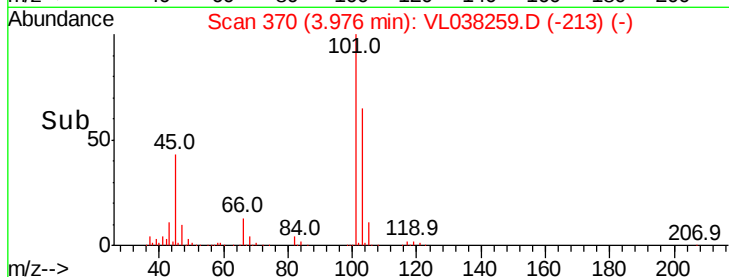
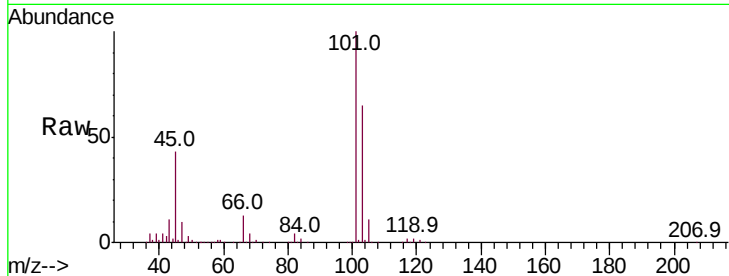
58 2.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#20

Methylene Chloride

Concen: 10.334 ppbv

RT: 4.36 min Scan# 488

Delta R.T. 0.00 min

Lab File: VL038259.D

Acq: 24 Jan 2022 13:14

Tgt Ion: 84 Resp: 489886

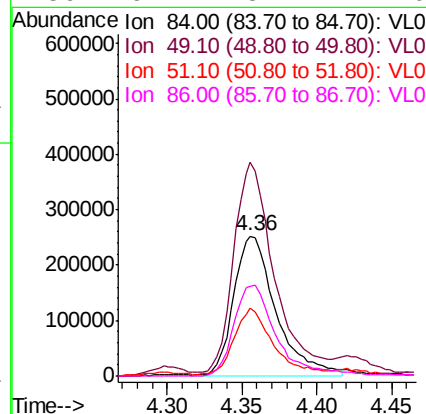
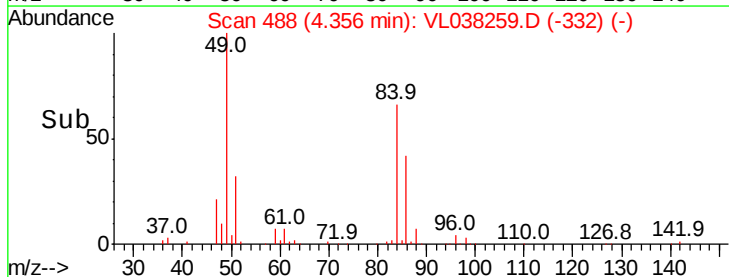
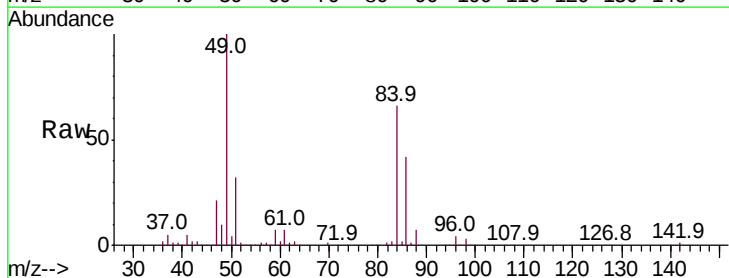
Ion Ratio Lower Upper

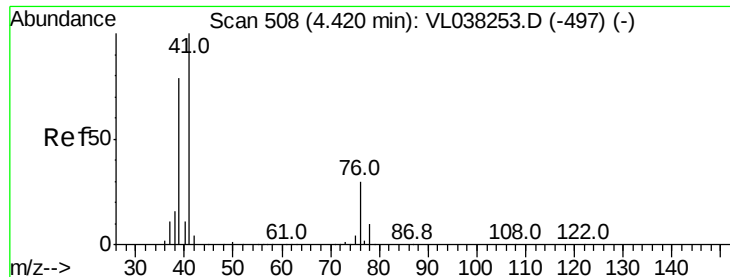
84 100

49 150.6 115.0 172.6

51 47.0 35.0 52.6

86 64.1 51.4 77.0





#21

Allvl Chloride

Concen: 12.776 ppbv

RT: 4.42

Instrument: MSVOA_1

Delta R.T. 0.01

Lab File: ClientSampleId: VSTDIC015

Acq: 24 Jan 2022 13:14

Tot Ion:

Ion Ratio

41 100

76 31.

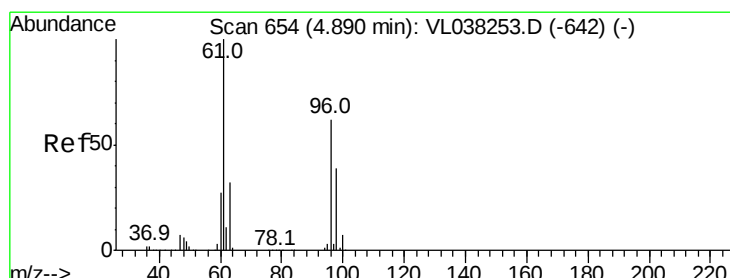
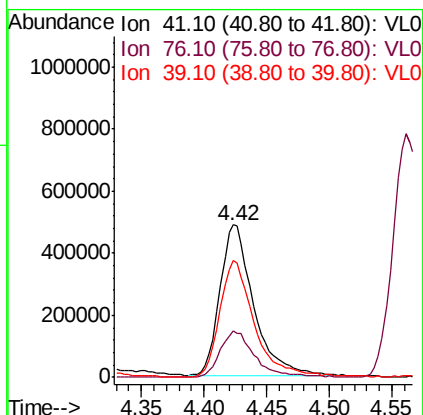
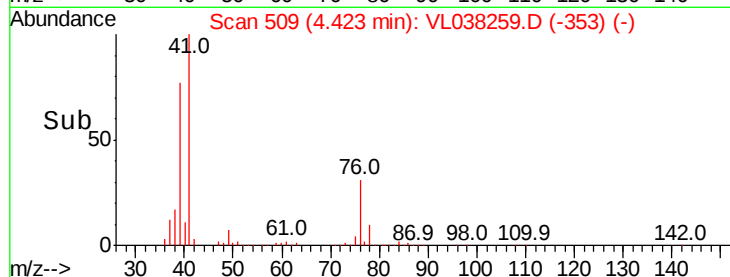
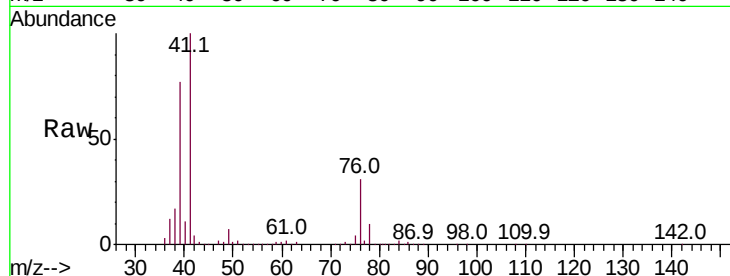
39 78.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#22

trans-1,2-Dichloroethene

Concen: 13.041 ppbv

RT: 4.90 min Scan# 656

Delta R.T. 0.01 min

Lab File: VL038259.D

Acq: 24 Jan 2022 13:14

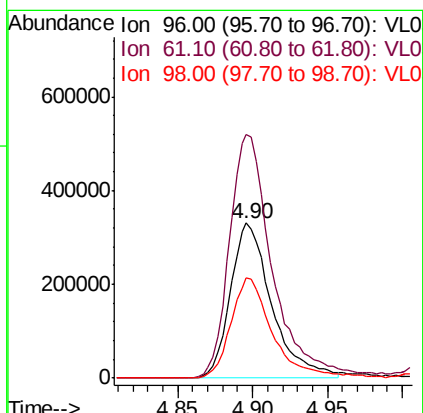
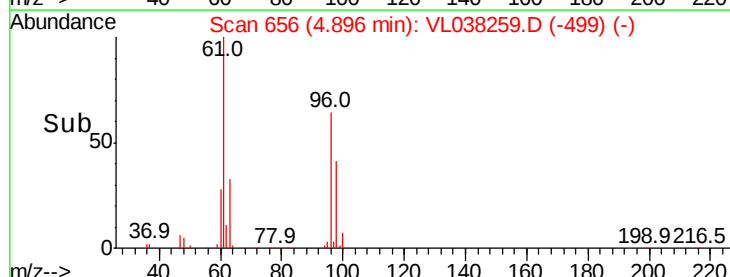
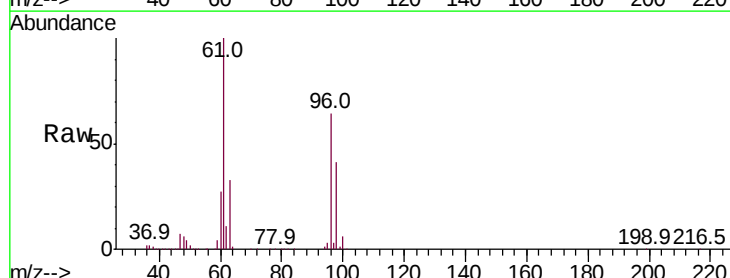
Tgt Ion: 96 Resp: 637235

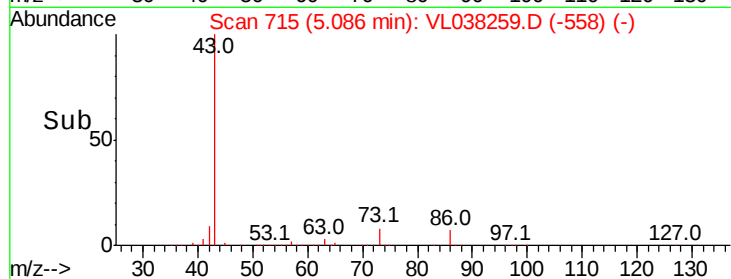
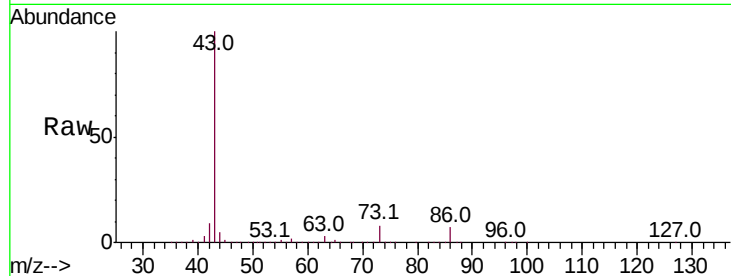
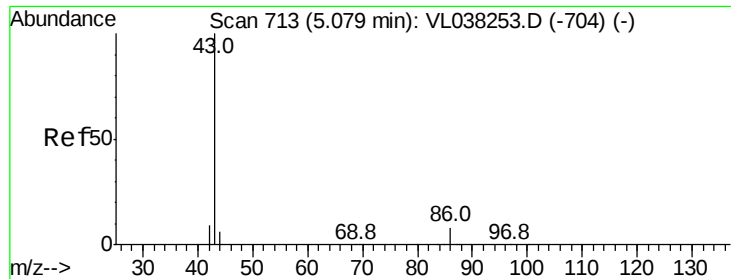
Ion Ratio Lower Upper

96 100

61 157.2 128.8 193.2

98 64.5 49.8 74.8



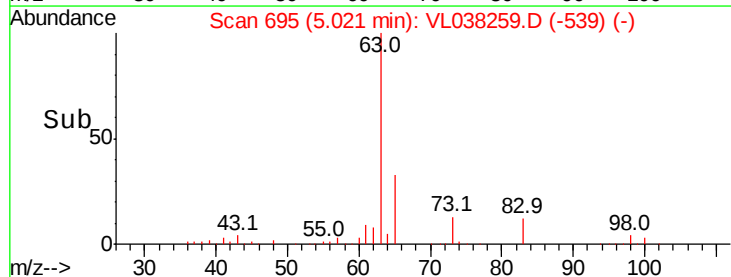
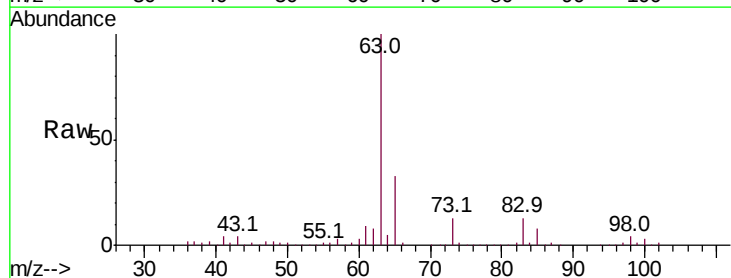
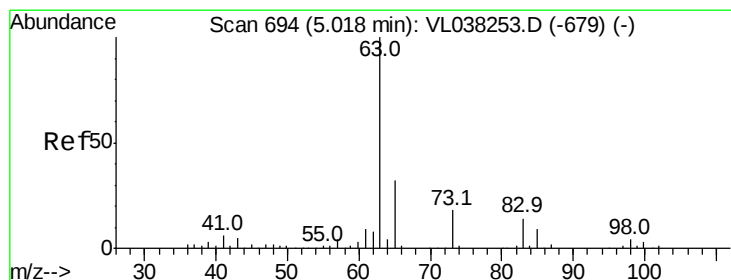
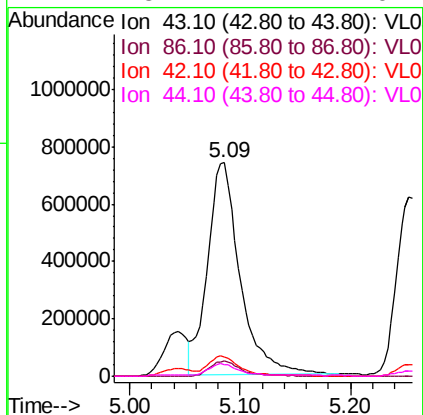


#23
Vinvl Acetate
Concen: 13.303 ppbv
RT: 5.09
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDIC015
Acq: 24 Jan 2022 13:14

Tot Ion:
Ion Ratio
43 100
86 7.
42 8.
44 5.1 4.2 6.4

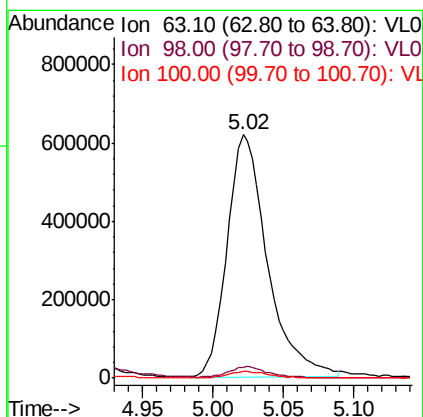
Manual Integrations
APPROVED

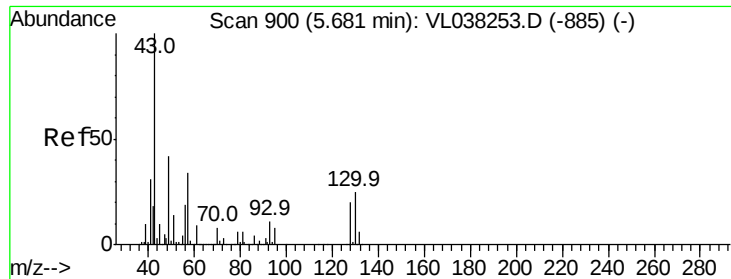
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#24
1,1-Dichloroethane
Concen: 12.150 ppbv
RT: 5.02 min Scan# 695
Delta R.T. 0.00 min
Lab File: VL038259.D
Acq: 24 Jan 2022 13:14

Tgt Ion: 63 Resp: 1235362
Ion Ratio Lower Upper
63 100
98 4.2 2.3 6.8
100 2.8 1.3 3.9



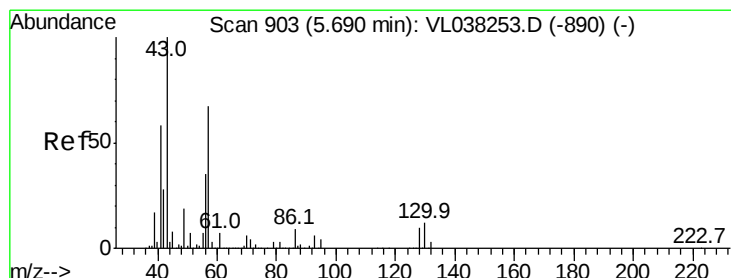
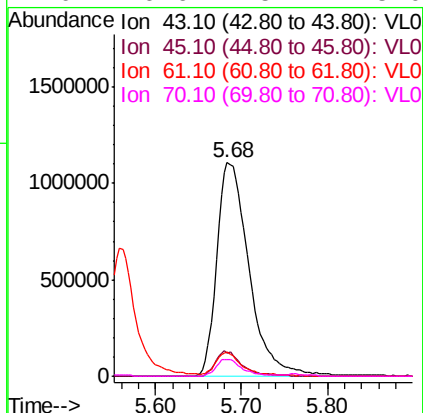
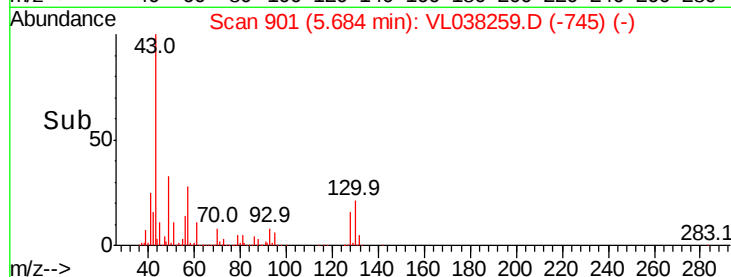
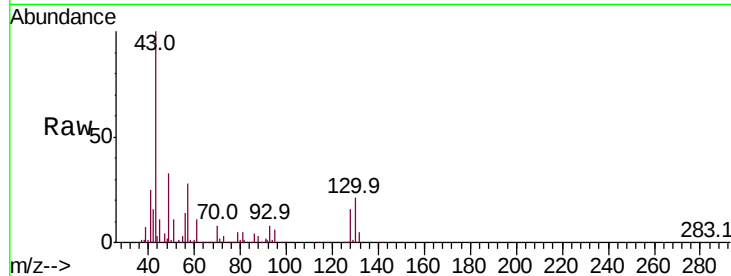


#25
Ethyl Acetate
Concen: 12.651 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDIC015
Acq: 24 Jan 2022 13:14

Tot Ion:
Ion Ratio
43 100
45 9.
61 9.
70 6.6 5.4 8.0

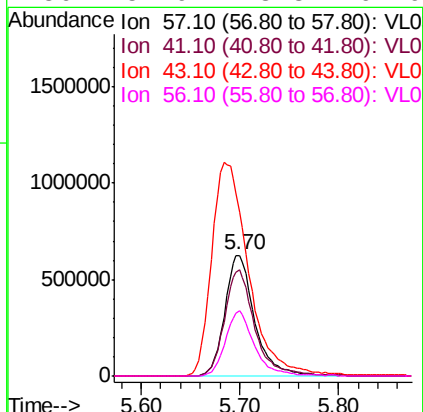
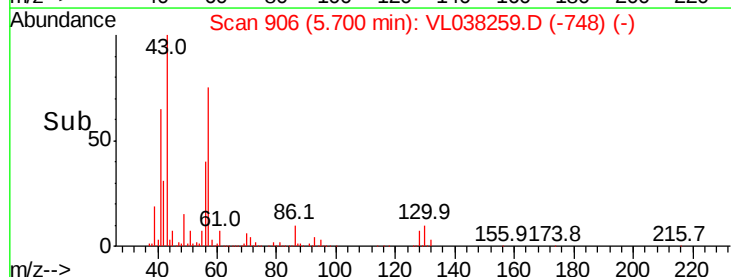
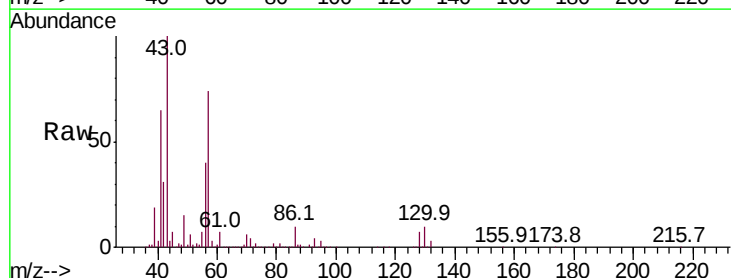
Manual Integrations
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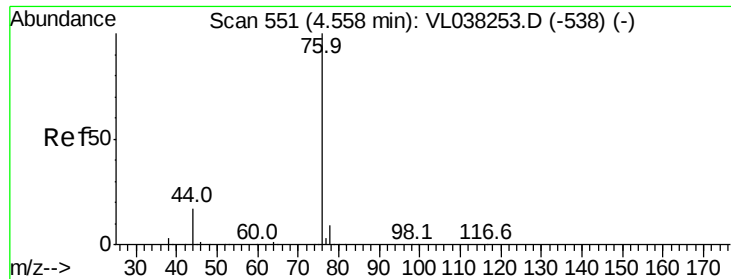
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#26
Hexane
Concen: 11.590 ppbv
RT: 5.70 min Scan# 906
Delta R.T.: 0.01 min
Lab File: VL038259.D
Acq: 24 Jan 2022 13:14

Tgt Ion: 57 Resp: 1322840
Ion Ratio Lower Upper
57 100
41 89.3 72.8 109.2
43 218.7 177.0 265.6
56 52.9 43.3 64.9





#27

Carbon Disulfide

Concen: 15.559 ppbv

RT: 4.56 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 24 Jan 2022 13:14 VSTDIC015

Tot Ion:

Ion Ratio

76 100

44 19.

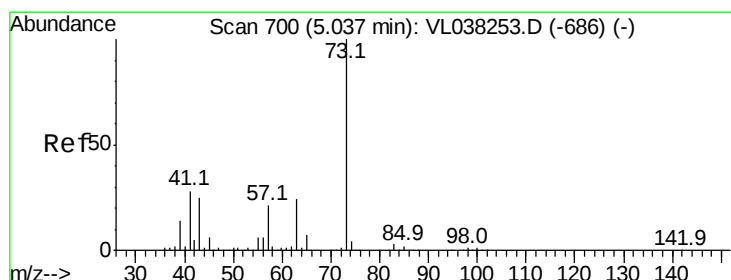
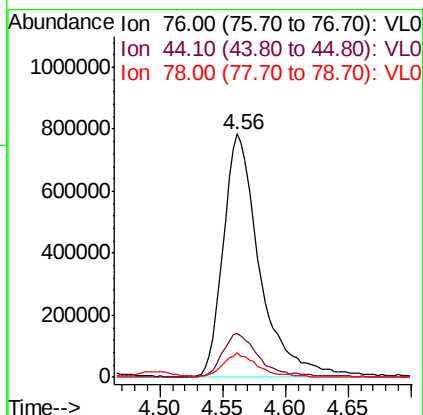
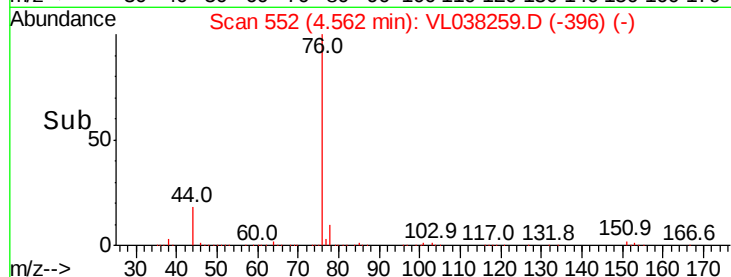
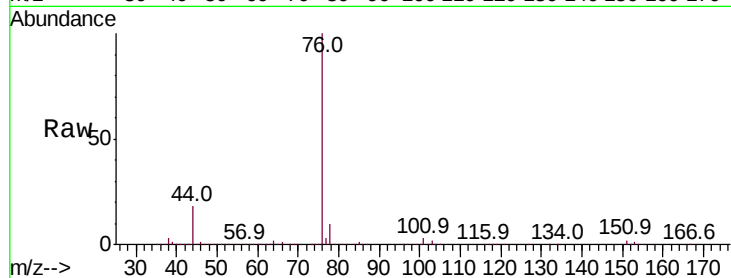
78 9.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#28

Methyl tert-Butyl Ether

Concen: 11.504 ppbv

RT: 5.04 min Scan# 702

Delta R.T. 0.01 min

Lab File: VL038259.D

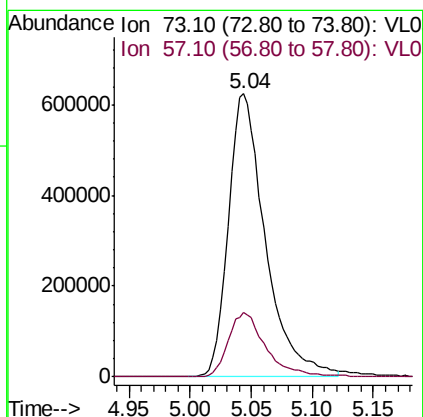
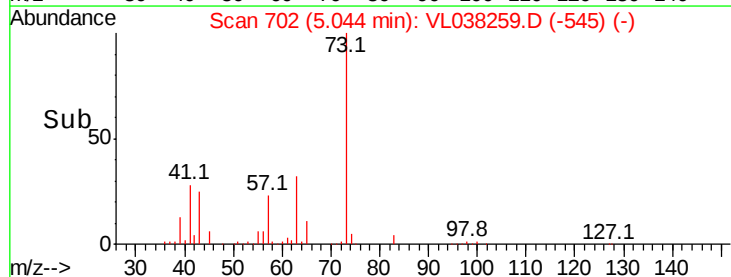
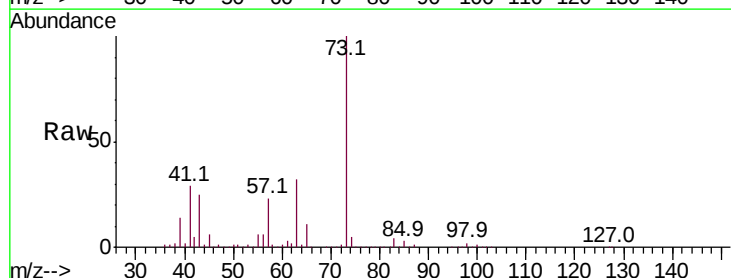
Acq: 24 Jan 2022 13:14

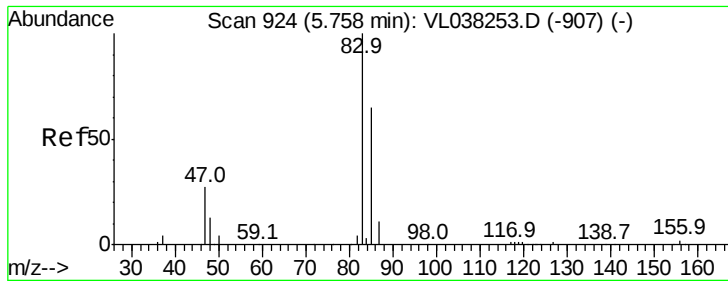
Tgt Ion: 73 Resp: 1319452

Ion Ratio Lower Upper

73 100

57 23.2 18.2 27.4



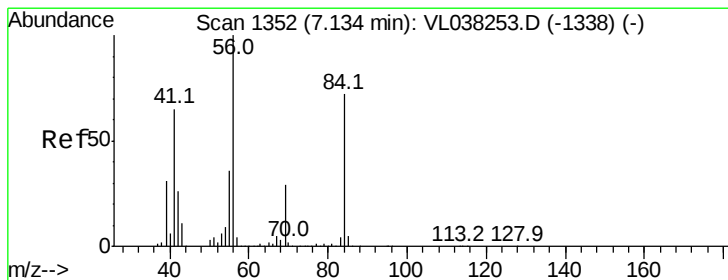
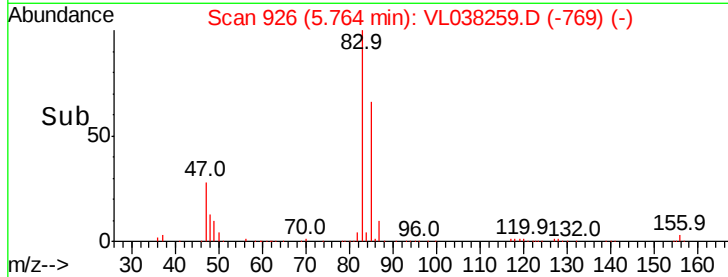
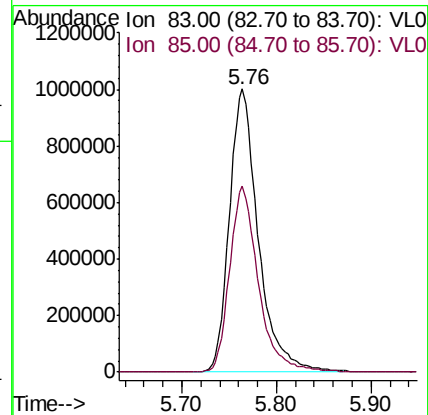
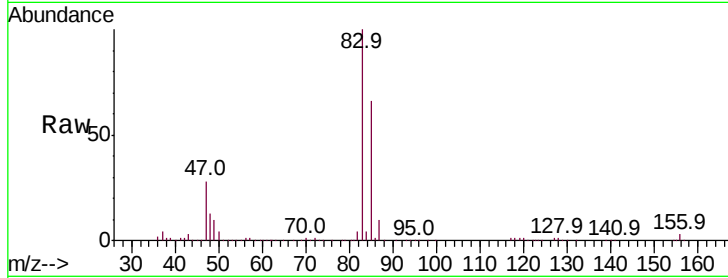


#29
Chloroform
Concen: 12.571 ppbv
RT: 5.76
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDIC015
Acq: 24 Jan 2022 13:14

Tot Ion:
Ion Ratio
83 100
85 65.

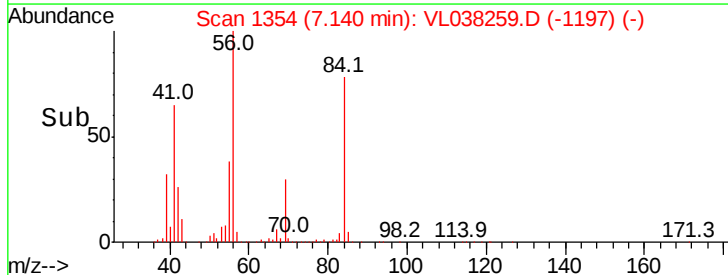
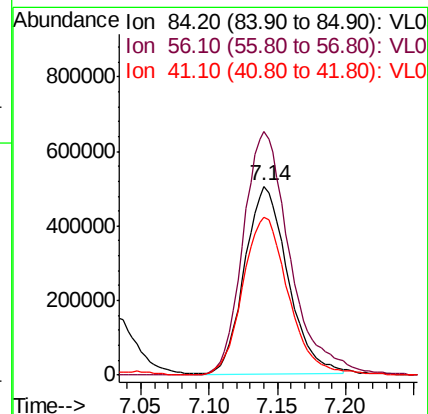
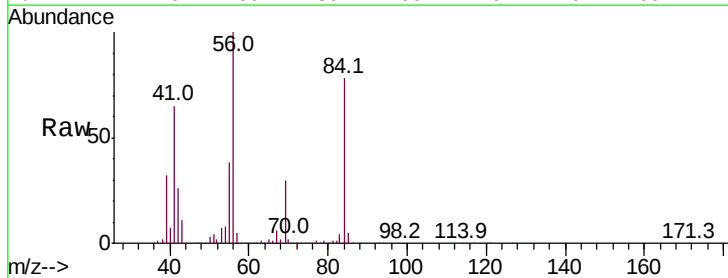
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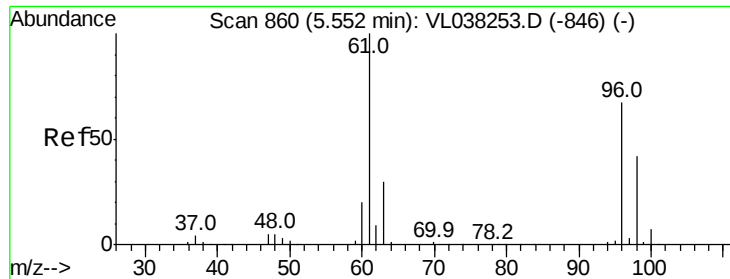
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#30
Cyclohexane
Concen: 10.995 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. 0.01 min
Lab File: VL038259.D
Acq: 24 Jan 2022 13:14

Tgt Ion: 84 Resp: 1111448
Ion Ratio Lower Upper
84 100
56 141.1 112.7 169.1
41 89.2 71.1 106.7





#31

cis-1,2-Dichloroethene

Concen: 15.349 ppbv

RT: 5.56

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VSTDIC015

Acq: 24 Jan 2022 13:14

Tot Ion:

Ion Ratio

61 100

96 62.

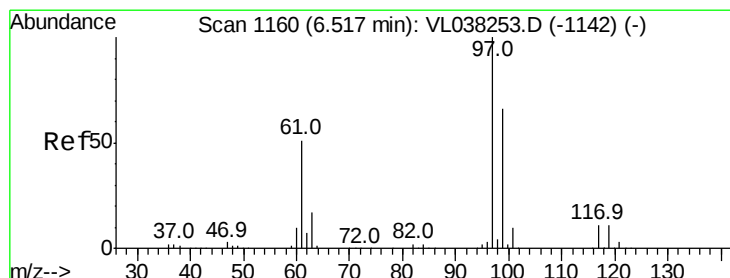
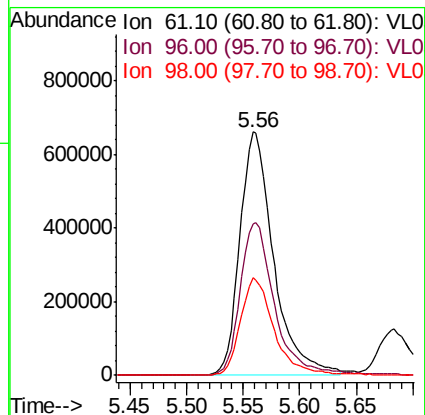
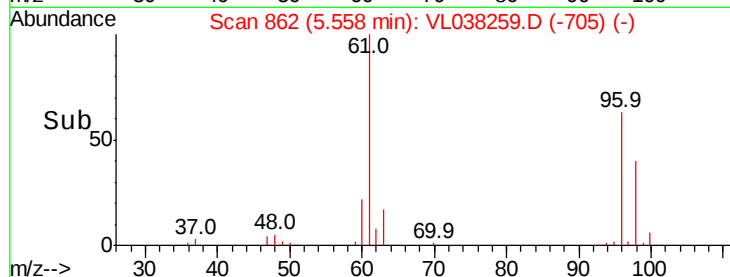
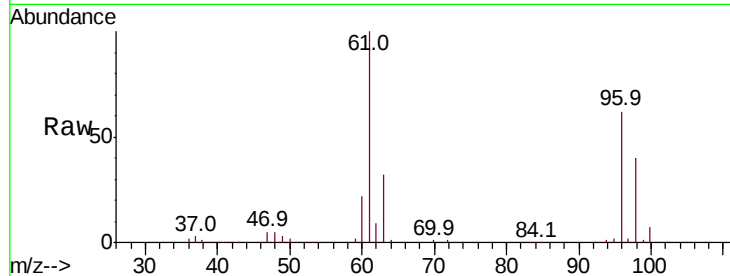
98 40.

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APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#32

1,1,1-Trichloroethane

Concen: 12.421 ppbv

RT: 6.52 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VL038259.D

Acq: 24 Jan 2022 13:14

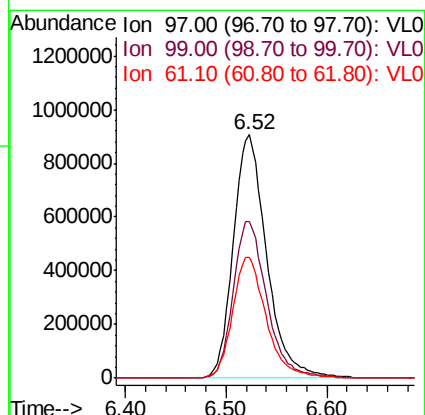
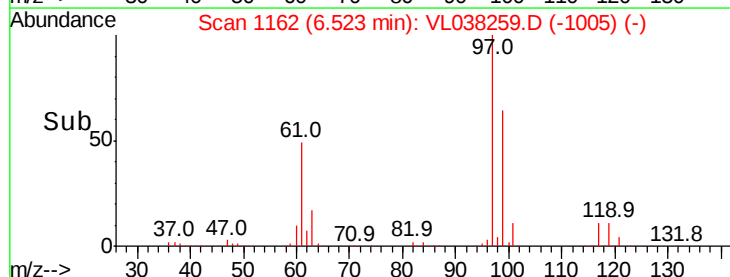
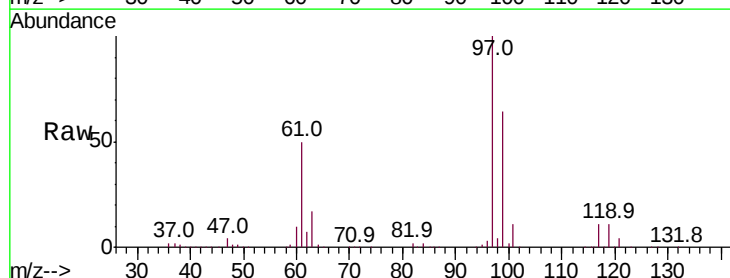
Tgt Ion: 97 Resp: 2087274

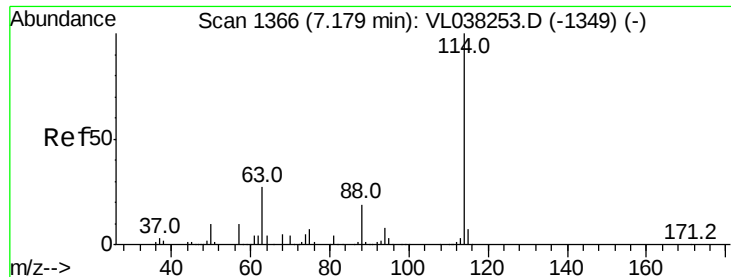
Ion Ratio Lower Upper

97 100

99 65.1 51.5 77.3

61 50.1 40.5 60.7



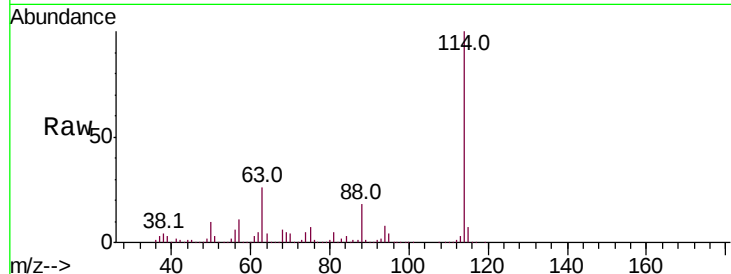


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 24 Jan 2022 13:14

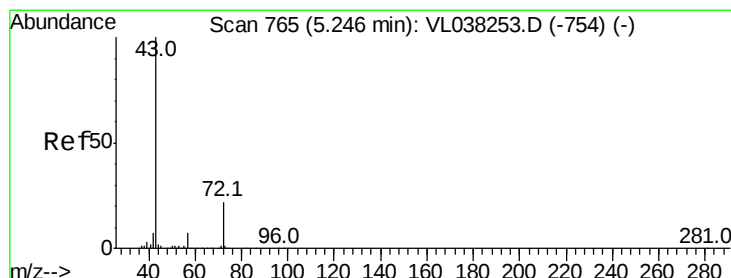
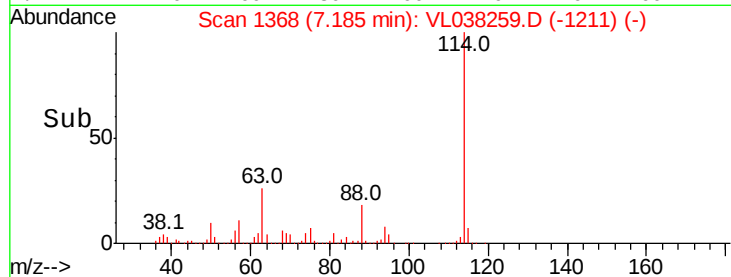
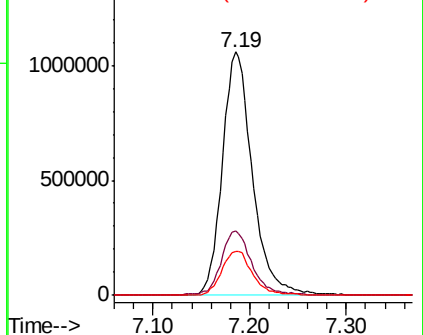
Tot Ion:1
 Ion Rati
 114 100
 63 27.
 88 18.

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

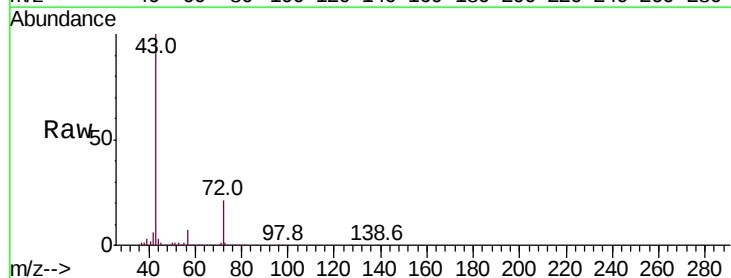


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

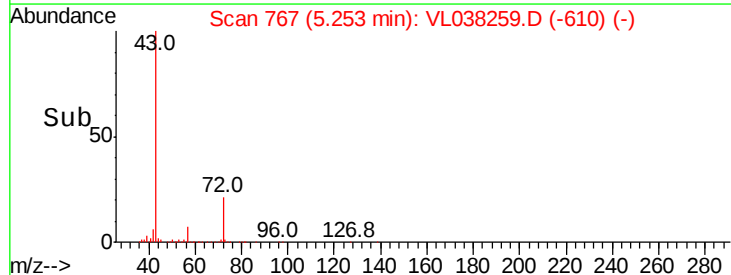
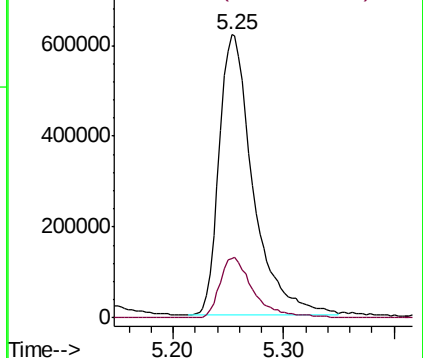


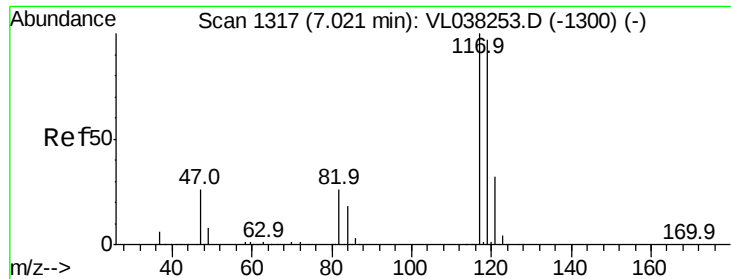
#34
 2-Butanone
 Concen: 19.321 ppbv
 RT: 5.25 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: VL038259.D
 Acq: 24 Jan 2022 13:14

Tgt Ion: 43 Resp: 1326793
 Ion Ratio Lower Upper
 43 100
 72 21.9 18.1 27.1



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



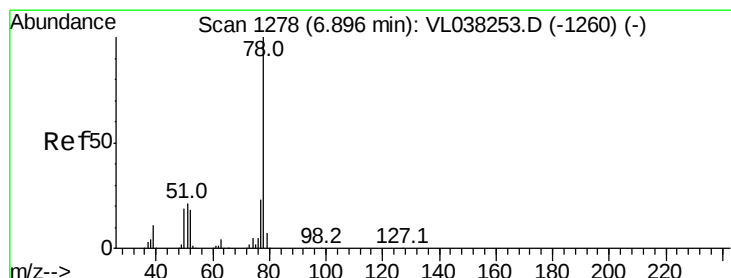
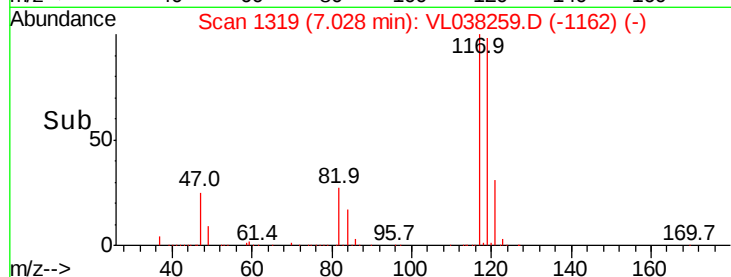
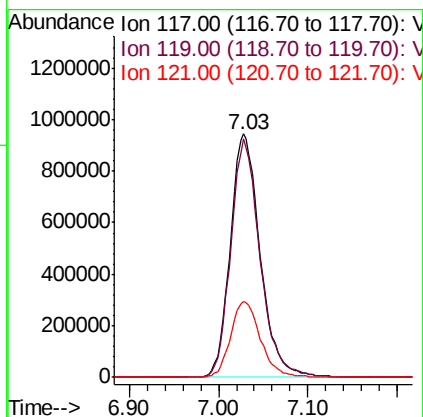
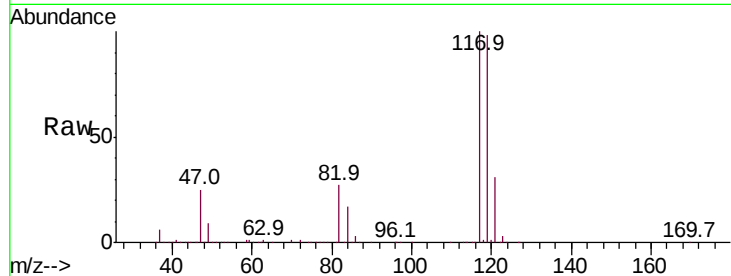


#35
Carbon Tetrachloride
Concen: 15.514 ppbv
RT: 7.03
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDIC015
Acq: 24 Jan 2022 13:14

Tot Ion:1
Ion Rati
117 100
119 98.
121 31.

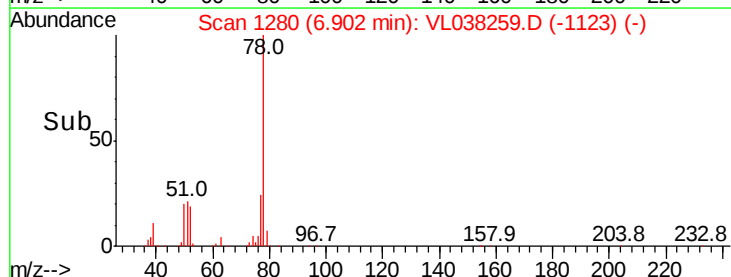
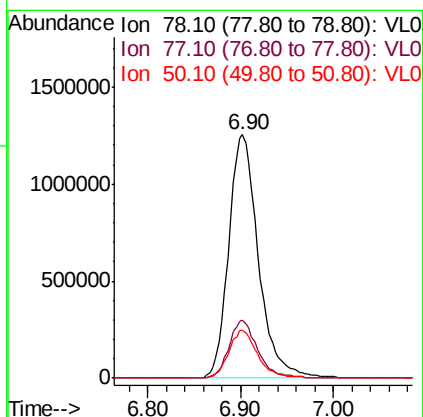
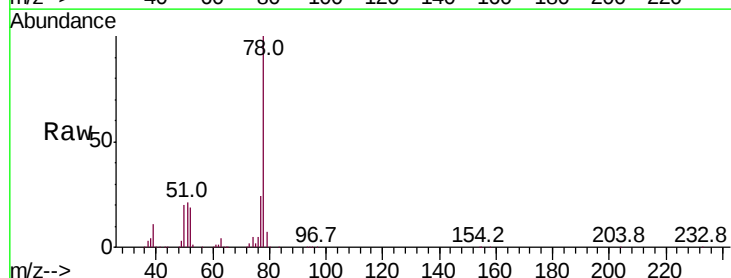
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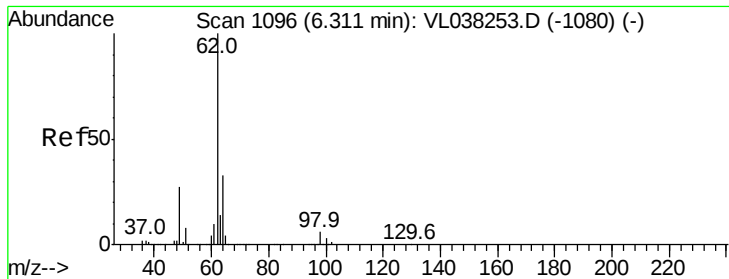
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#36
Benzene
Concen: 13.053 ppbv
RT: 6.90 min Scan# 1280
Delta R.T. 0.01 min
Lab File: VL038259.D
Acq: 24 Jan 2022 13:14

Tgt Ion: 78 Resp: 2781638
Ion Ratio Lower Upper
78 100
77 24.0 18.2 27.2
50 19.6 15.1 22.7





#37

1,2-Dichloroethane

Concen: 15.223 ppbv

RT: 6.32 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Jan 2022 13:14 VSTDIC015

Tot Ion:

Ion Ratio

62 100

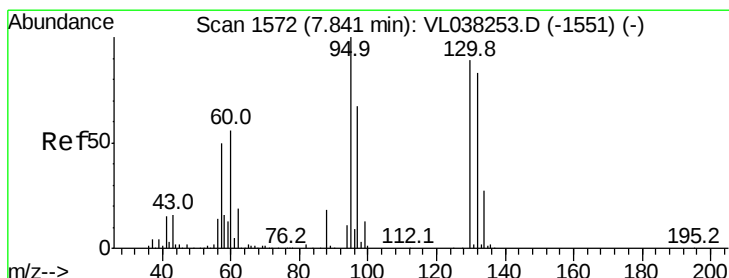
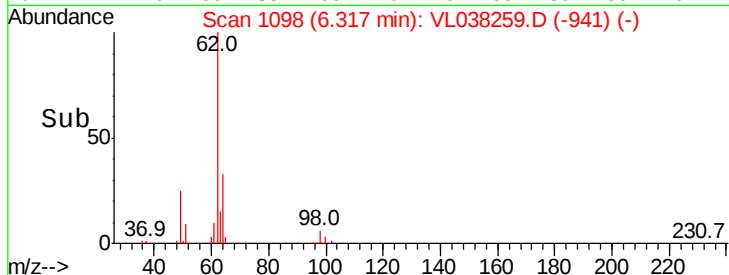
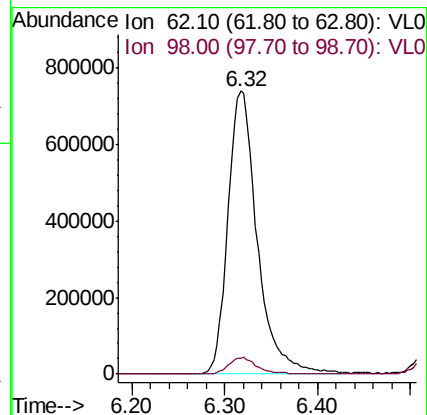
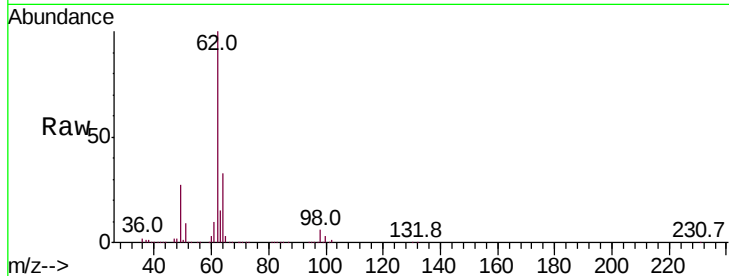
98 5.

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Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#38

Trichloroethene

Concen: 12.200 ppbv

RT: 7.84 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VL038259.D

Acq: 24 Jan 2022 13:14

Tgt Ion:130 Resp: 989469

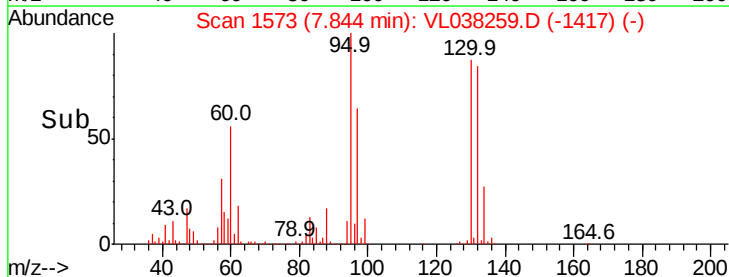
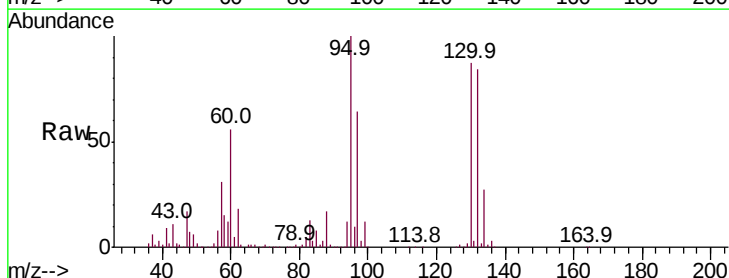
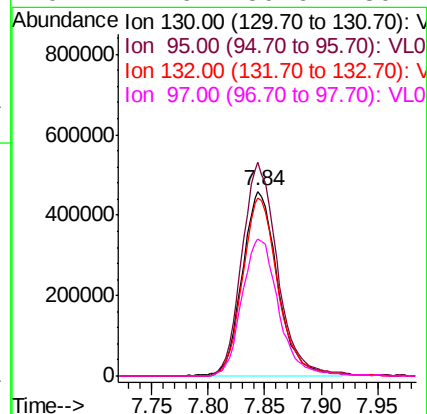
Ion Ratio Lower Upper

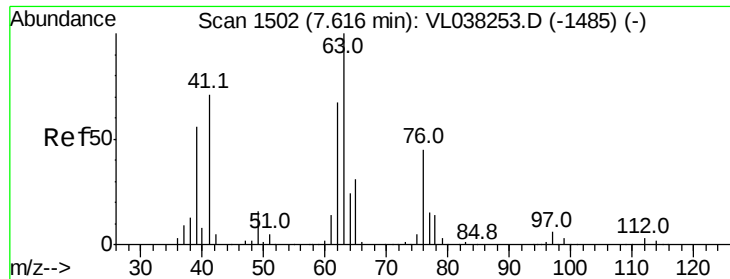
130 100

95 115.9 89.4 134.2

132 96.9 74.6 111.8

97 74.6 59.6 89.4



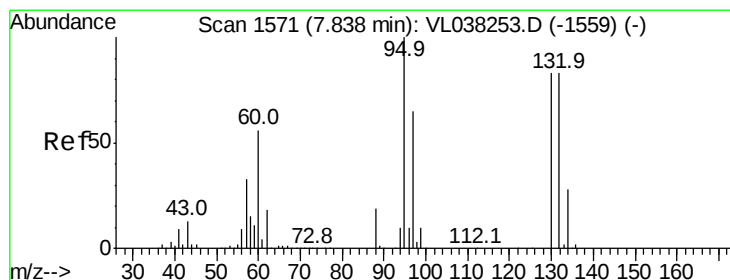
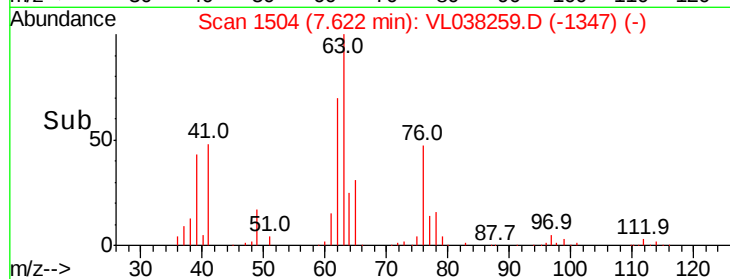
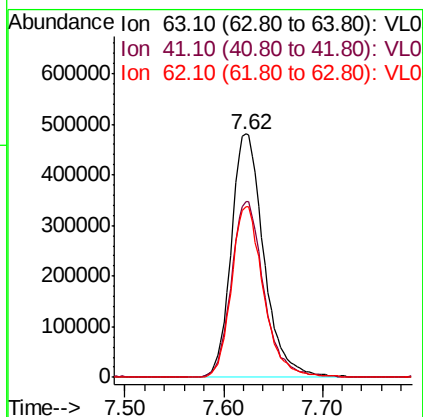
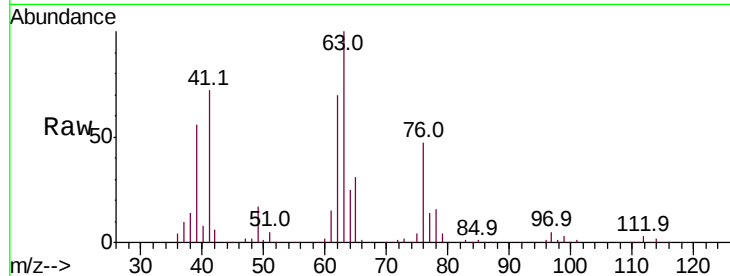


#39
 1,2-Dichloropropane
 Concen: 13.470 ppbv
 RT: 7.62
 Instrument : MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 24 Jan 2022 13:14

Tot Ion:
 Ion Ratio
 63 100
 41 71.
 62 70.

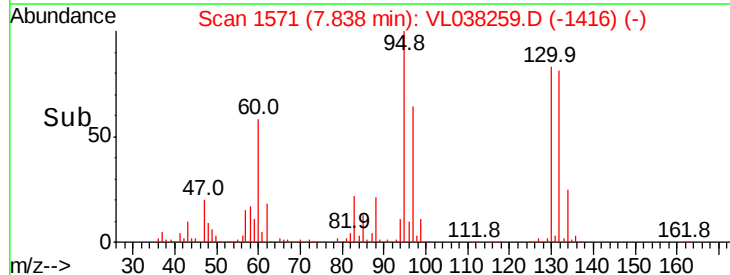
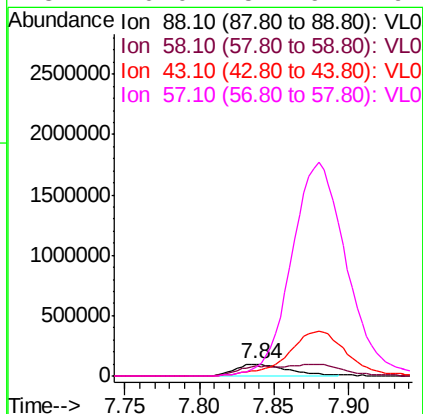
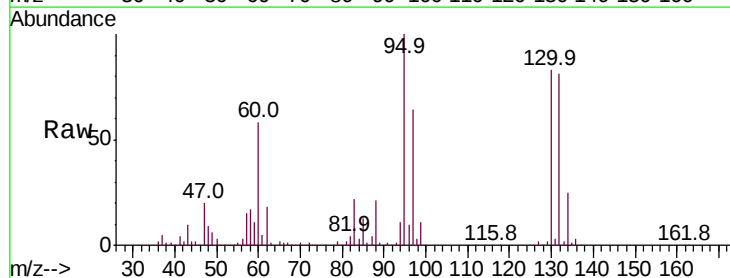
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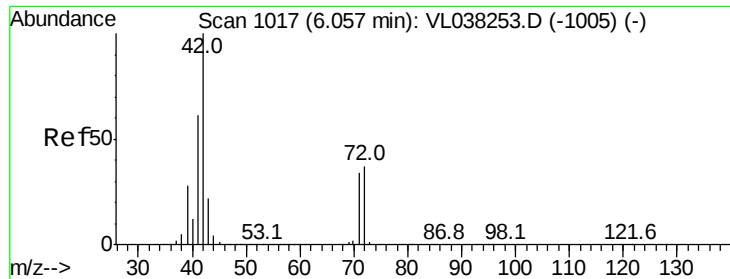
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#40
 1,4-Dioxane
 Concen: 10.307 ppbv
 RT: 7.84 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VL038259.D
 Acq: 24 Jan 2022 13:14

Tgt Ion: 88 Resp: 245916
 Ion Ratio Lower Upper
 88 100
 58 0.0 138.6 208.0#
 43 0.0 346.9 520.3#
 57 0.0 1527.9 2291.9#



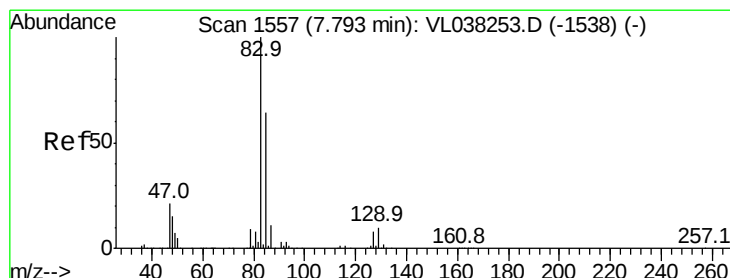
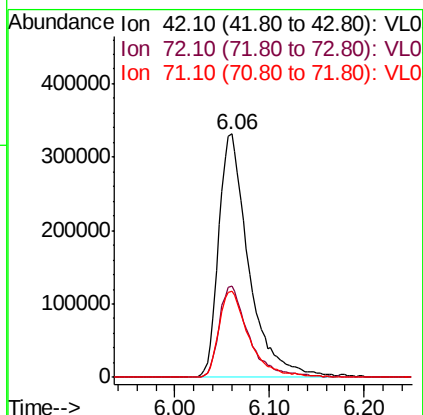
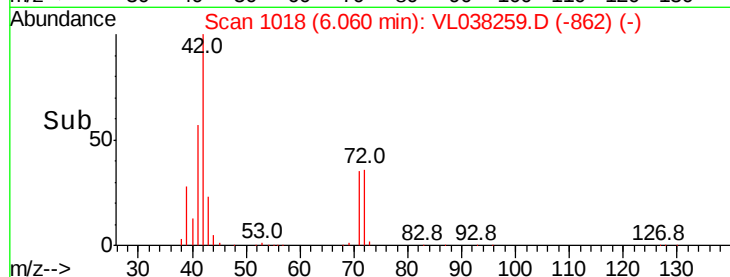
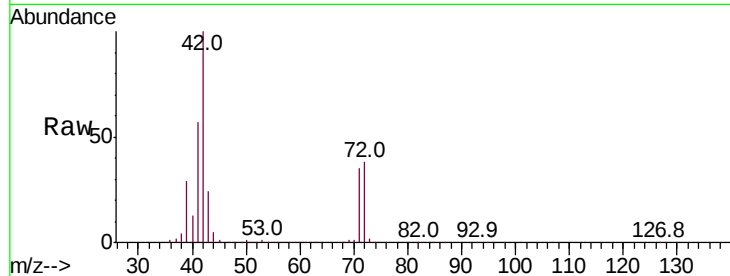


#41
Tetrahydrofuran
Concen: 14.606 ppbv
RT: 6.06
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
VSTDIC015
Acq: 24 Jan 2022 13:14

Tot Ion:
Ion Ratio
42 100
72 37.
71 35.

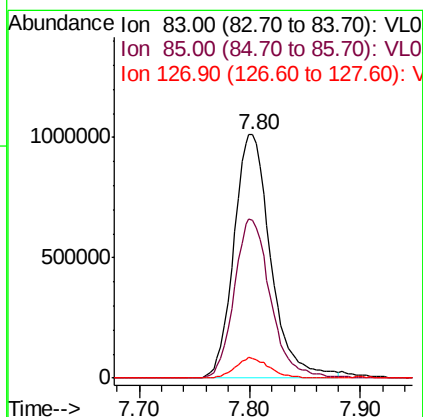
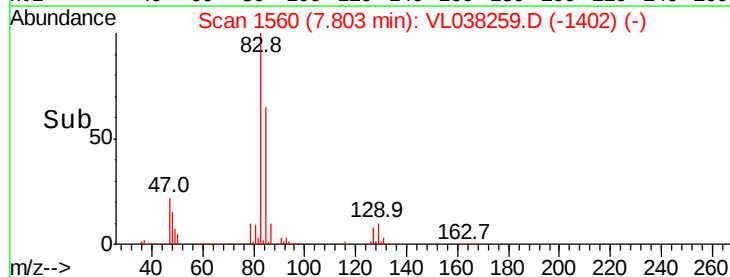
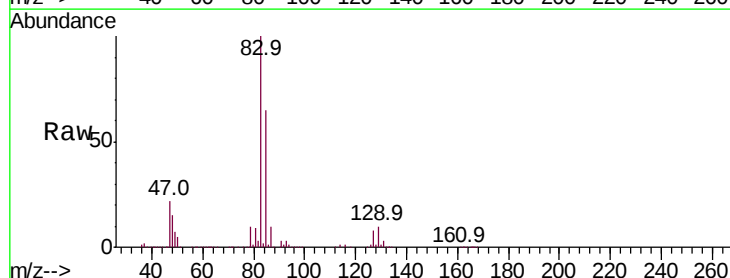
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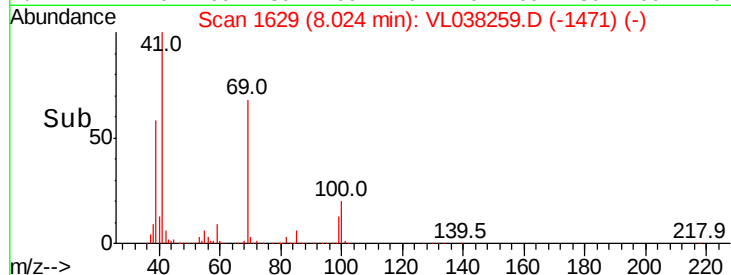
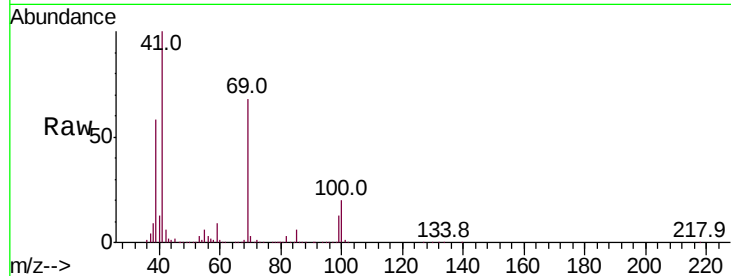
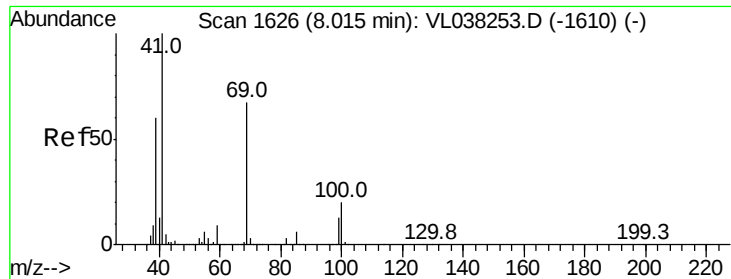
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#42
Bromodichloromethane
Concen: 15.368 ppbv
RT: 7.80 min Scan# 1560
Delta R.T. 0.01 min
Lab File: VL038259.D
Acq: 24 Jan 2022 13:14

Tgt Ion: 83 Resp: 2338260
Ion Ratio Lower Upper
83 100
85 65.0 51.5 77.3
127 8.2 6.2 9.4



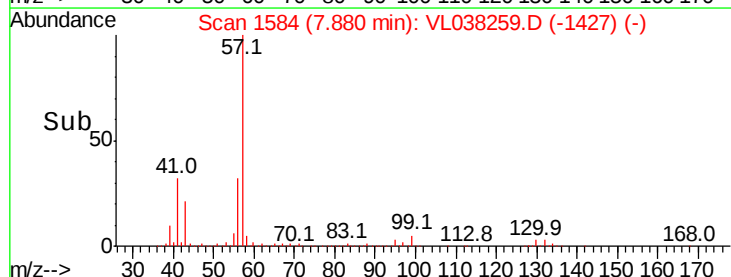
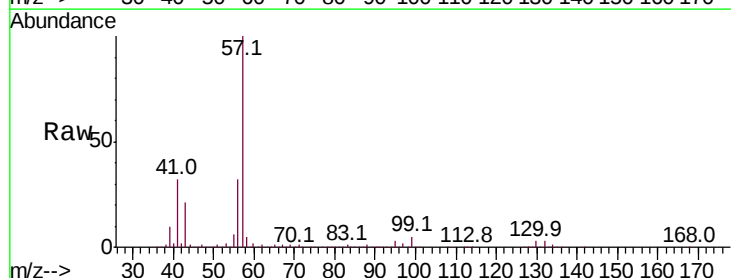
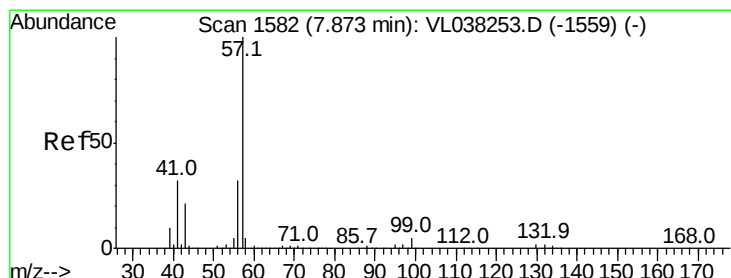
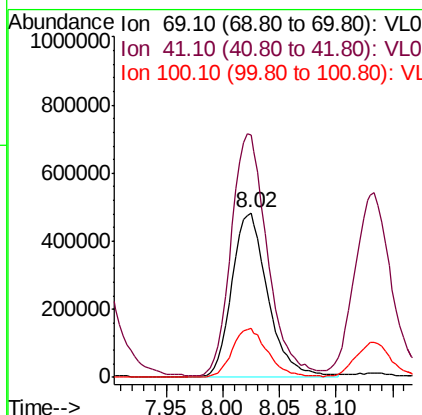


#43
Methvl Methacrvlate
Concen: 14.663 ppbv
RT: 8.02
Instrument : MSVOA_1
Delta R.T. :
Lab File: ClientSampleId :
VSTDIC015
Acq: 24 Jan 2022 13:14

Tot Ion:
Ion Ratio
69 100
41 148.
100 29.

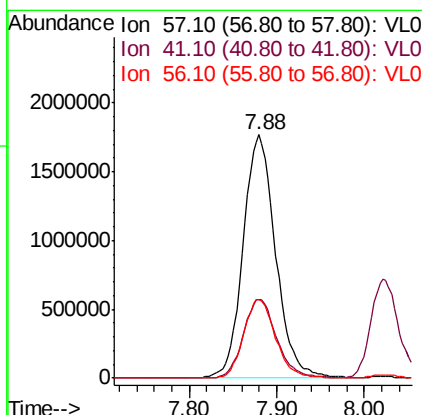
Manual Integrations
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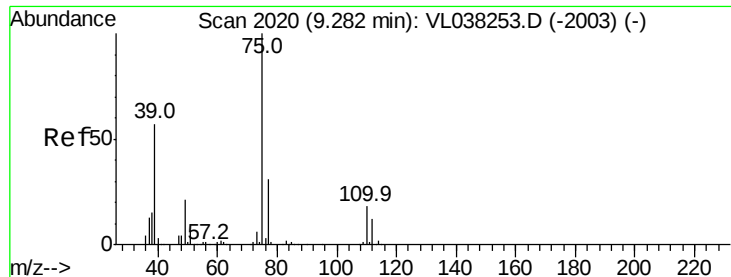
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#44
2,2,4-Trimethylpentane
Concen: 12.586 ppbv
RT: 7.88 min Scan# 1584
Delta R.T. 0.01 min
Lab File: VL038259.D
Acq: 24 Jan 2022 13:14

Tgt Ion: 57 Resp: 4556173
Ion Ratio Lower Upper
57 100
41 33.1 26.3 39.5
56 31.9 25.2 37.8





#45

t-1,3-Dichloropropene

Concen: 18.443 ppbv

RT: 9.28

Instrument: MSVOA_L

Delta R.T.

Lab File: ClientSampleId: VSTDIC015

Acq: 24 Jan 2022 13:14

Tot Ion:

Ion Ratio

75 100

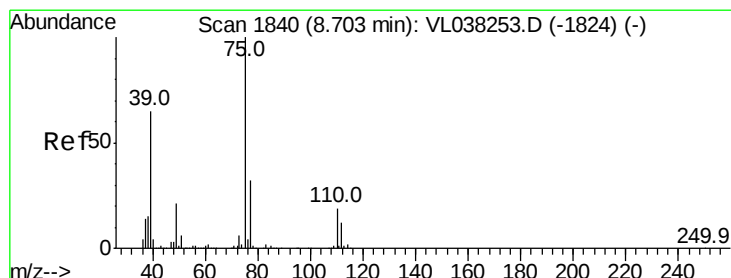
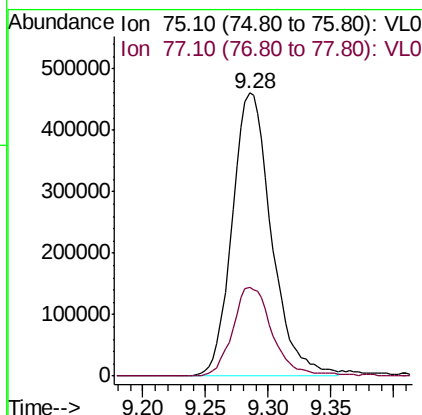
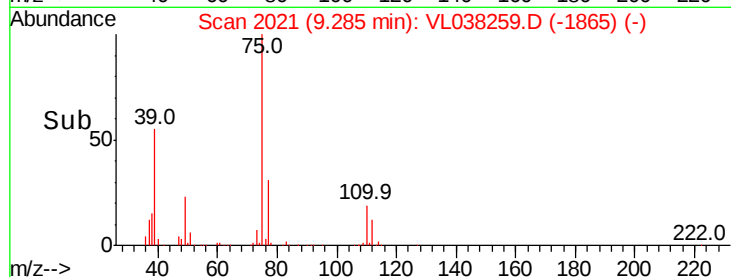
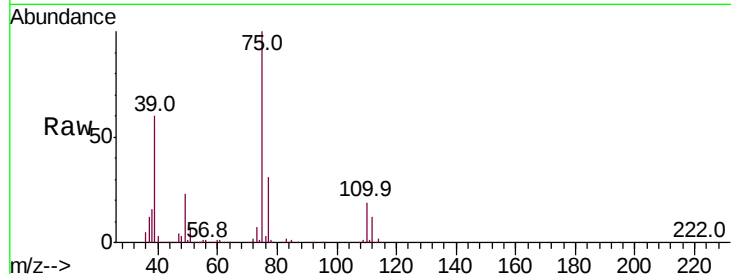
77 31.

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Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#46

cis-1,3-Dichloropropene

Concen: 16.170 ppbv

RT: 8.71 min Scan# 1842

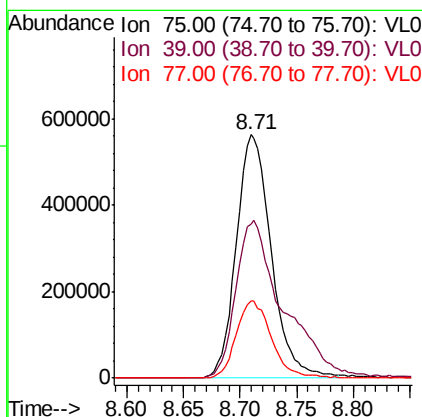
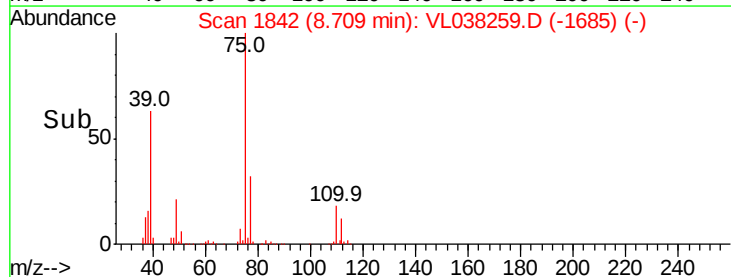
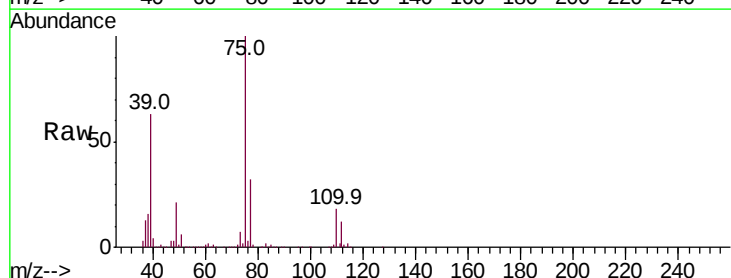
Delta R.T. 0.01 min

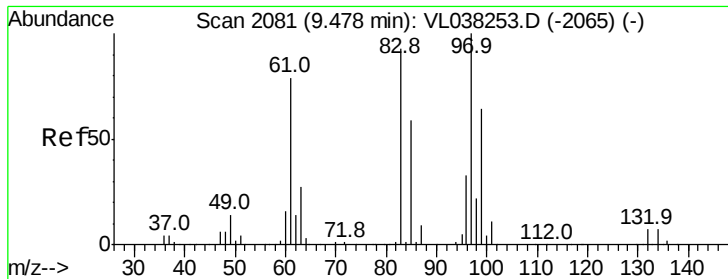
Lab File: VL038259.D

Acq: 24 Jan 2022 13:14

Tgt Ion: 75 Resp: 1214883

Ion	Ratio	Lower	Upper
75	100		
39	63.0	52.3	78.5
77	31.8	25.4	38.0



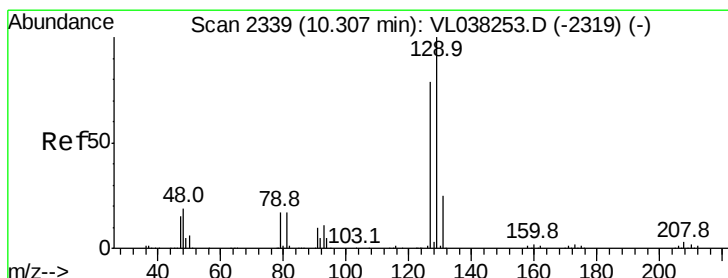
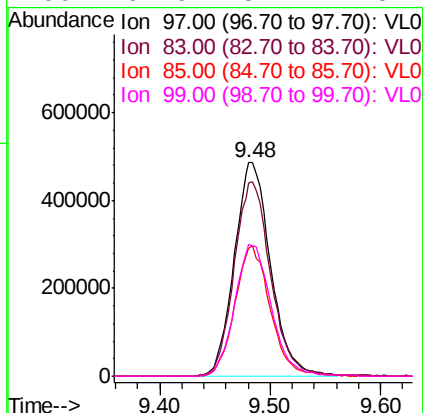
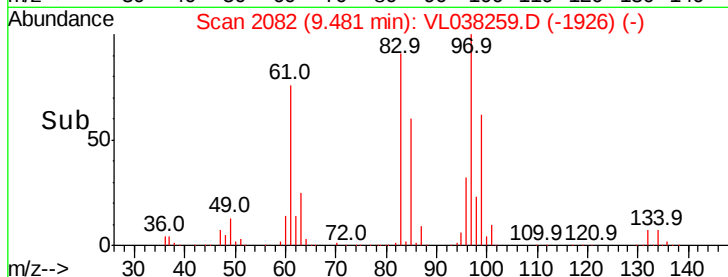
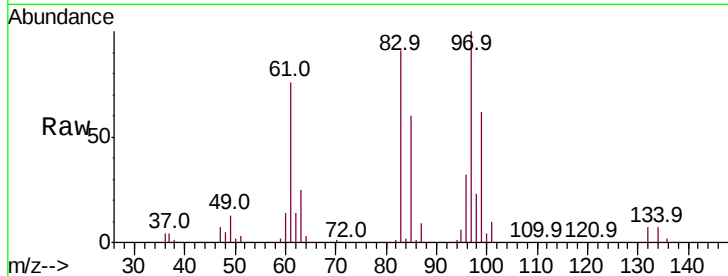


#47
 1,1,2-Trichloroethane
 Concen: 13.052 ppbv
 RT: 9.48
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDIC015
 Acq: 24 Jan 2022 13:14

Tot Ion:
 Ion Ratio
 97 100
 83 90.
 85 59.
 99 61.9 51.1 76.7

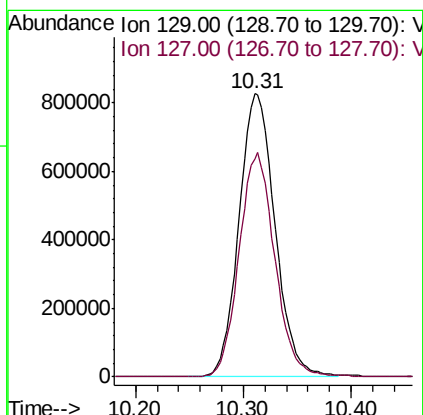
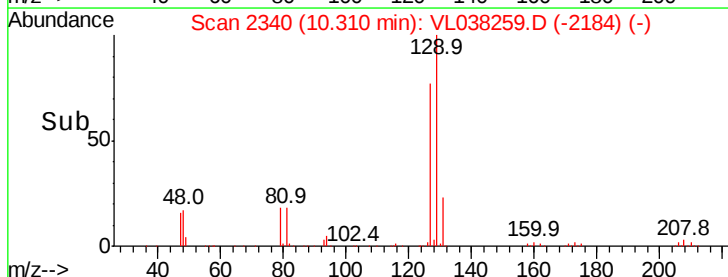
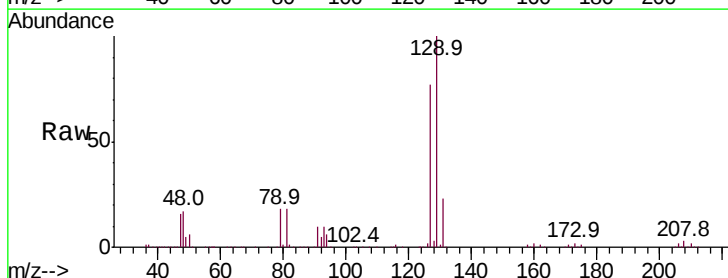
Manual Integrations
 APPROVED

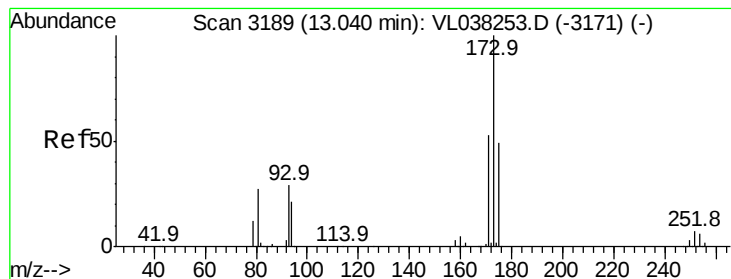
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#48
 Dibromochloromethane
 Concen: 16.070 ppbv
 RT: 10.31 min Scan# 2340
 Delta R.T. 0.00 min
 Lab File: VL038259.D
 Acq: 24 Jan 2022 13:14

Tgt Ion:129 Resp: 1923714
 Ion Ratio Lower Upper
 129 100
 127 78.7 39.1 117.3





#49

Bromoform

Concen: 16.745 ppbv

RT: 13.05

Delta R.T.

Lab File:

Acq: 24 Jan 2022 13:14

Instrument:

MSVOA_L

ClientSampleId:

VSTDIC015

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022

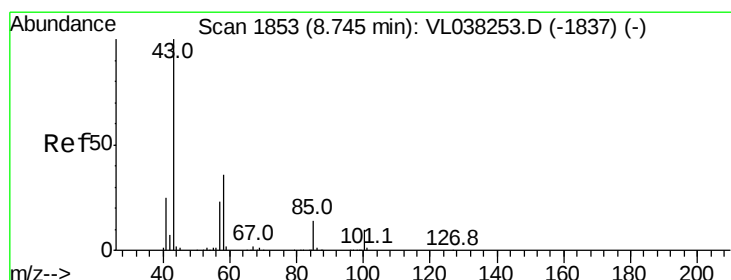
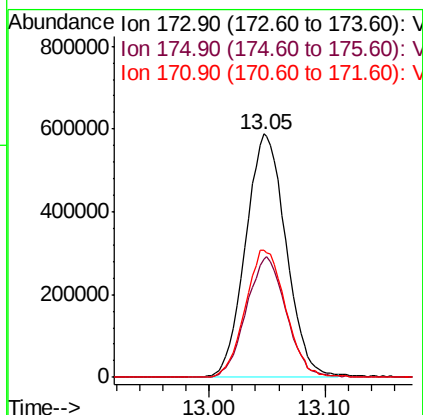
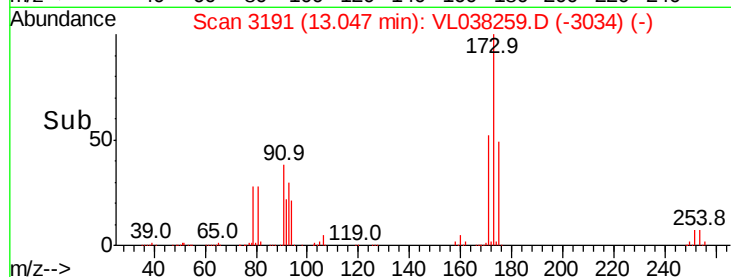
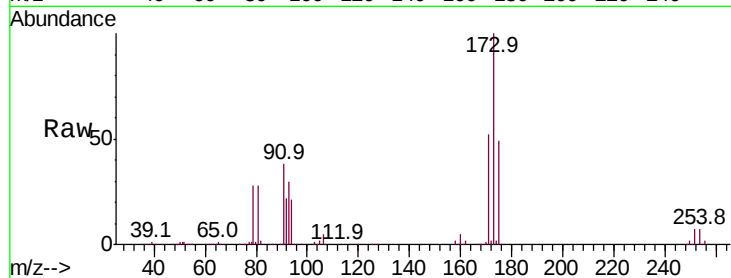
Tot Ion:1

Ion Rati

173 100

175 49.

171 52.



#50

4-Methyl-2-Pentanone

Concen: 15.281 ppbv

RT: 8.75 min Scan# 1855

Delta R.T. 0.01 min

Lab File: VL038259.D

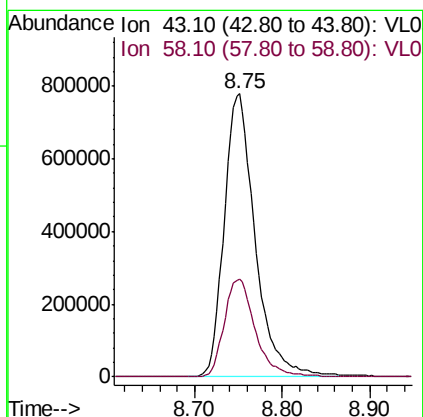
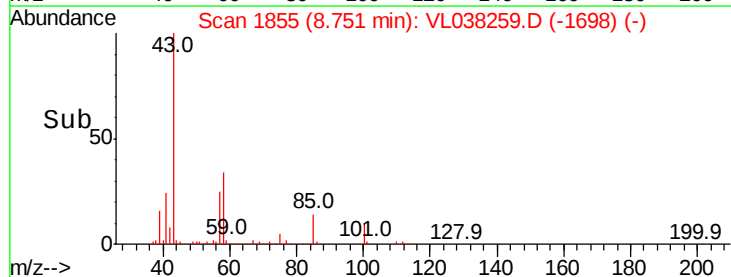
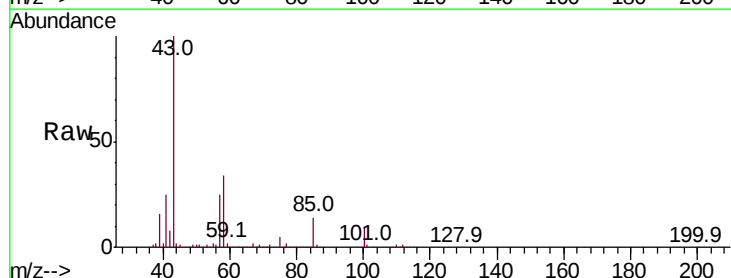
Acq: 24 Jan 2022 13:14

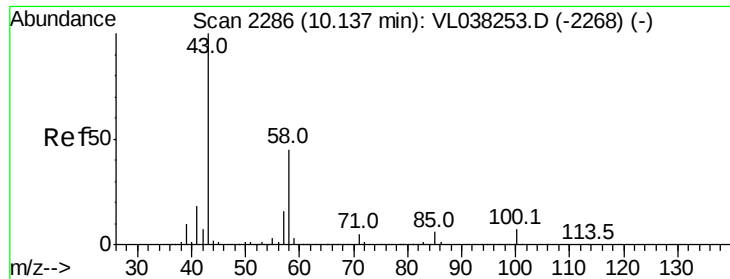
Tgt Ion: 43 Resp: 1907948

Ion Ratio Lower Upper

43 100

58 35.0 28.2 42.4





#51

2-Hexanone

Concen: 14.688 ppbv

RT: 10.14

Delta R.T. MSVOA_L

Lab File: ClientSampled :

VSTDIC015

Acq: 24 Jan 2022 13:14

Tot Ion:

Ion Ratio

43 100

58 48.

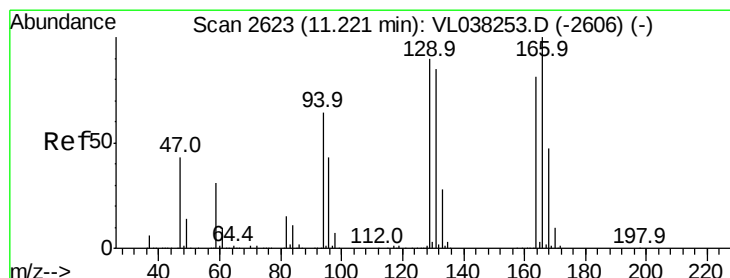
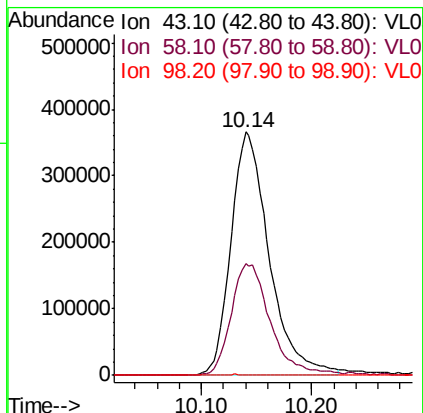
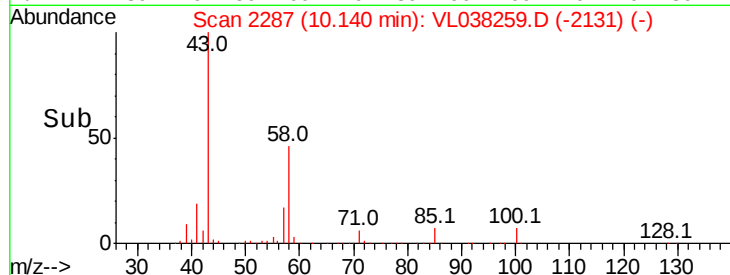
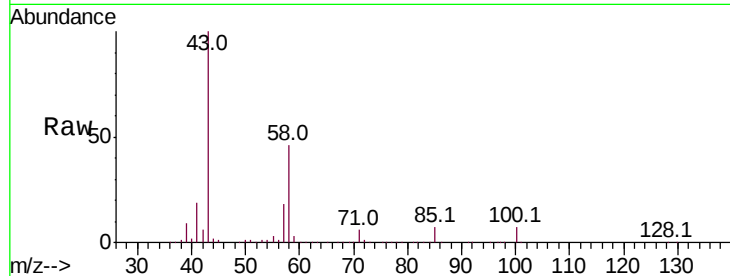
98 0.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#52

Tetrachloroethene

Concen: 11.469 ppbv

RT: 11.23 min Scan# 2626

Delta R.T. 0.01 min

Lab File: VL038259.D

Acq: 24 Jan 2022 13:14

Tgt Ion:164 Resp: 902227

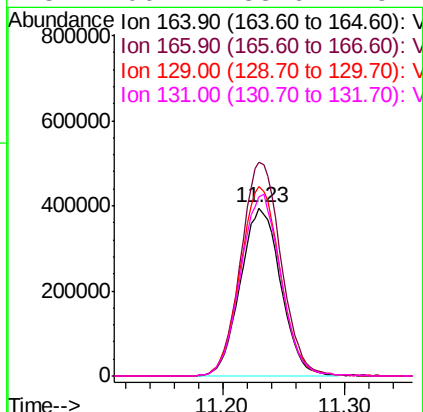
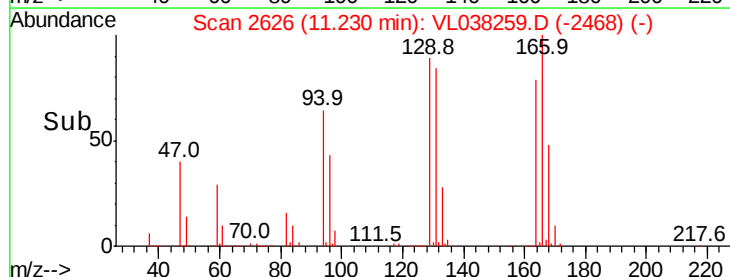
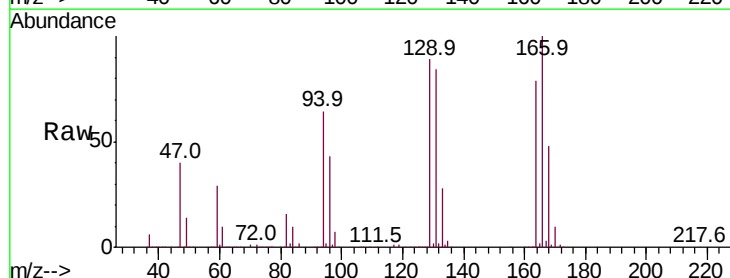
Ion Ratio Lower Upper

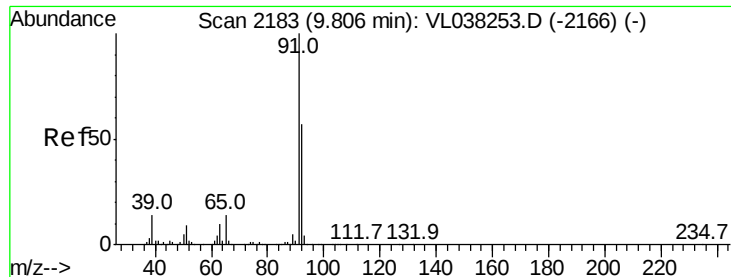
164 100

166 127.1 98.8 148.2

129 112.7 89.2 133.8

131 106.4 83.6 125.4





#53

Toluene

Concen: 12.761 ppbv

RT: 9.81

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Jan 2022 13:14

Tot Ion:

Ion Ratio

91 100

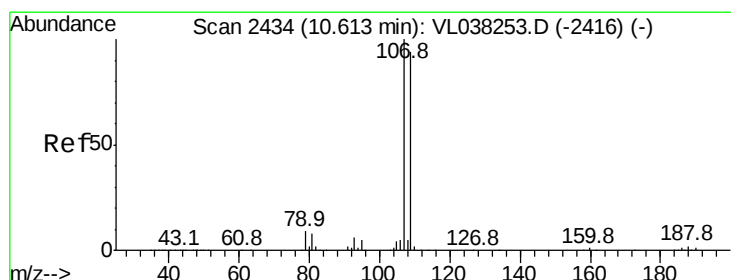
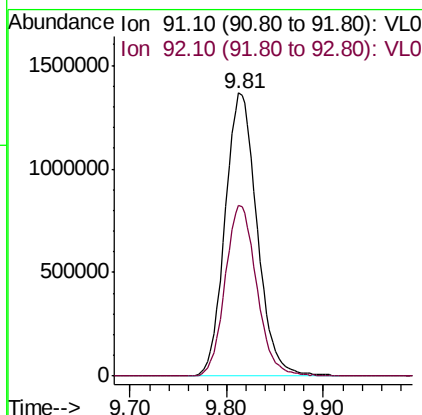
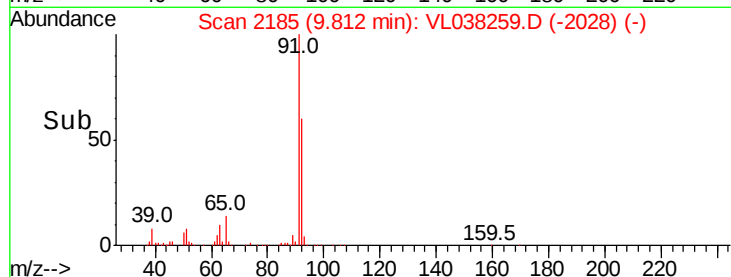
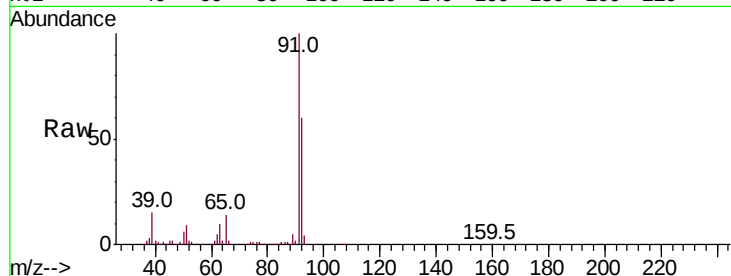
92 59.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#54

1,2-Dibromoethane

Concen: 13.556 ppbv

RT: 10.62 min Scan# 2436

Delta R.T. 0.01 min

Lab File: VL038259.D

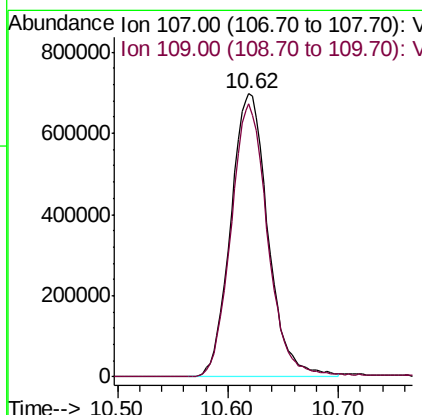
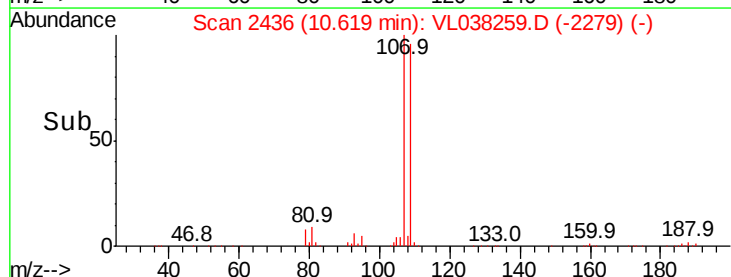
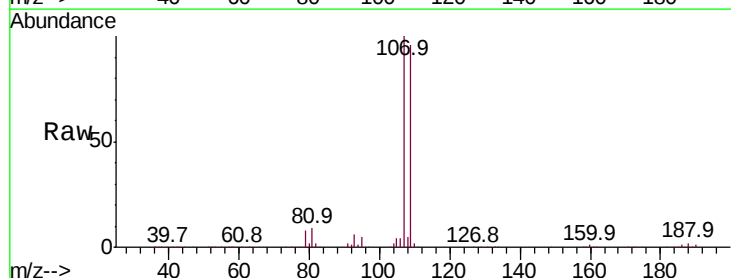
Acq: 24 Jan 2022 13:14

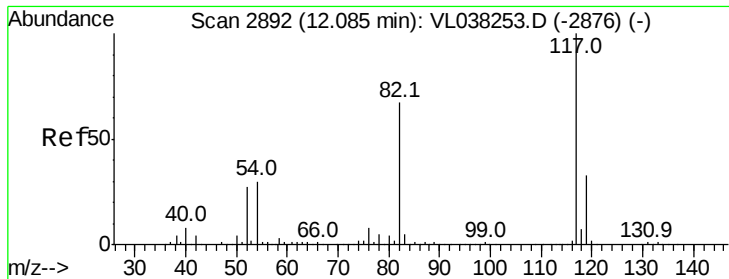
Tgt Ion:107 Resp: 1636991

Ion Ratio Lower Upper

107 100

109 96.3 75.4 113.0



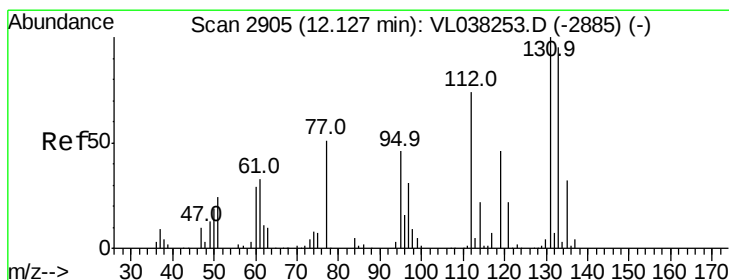
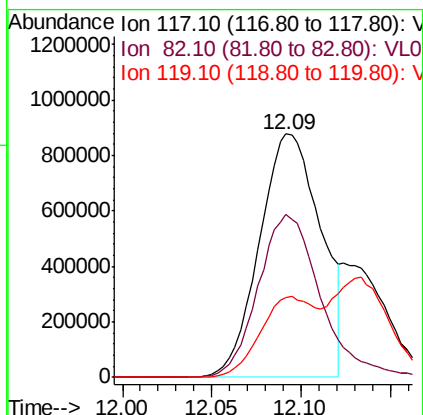
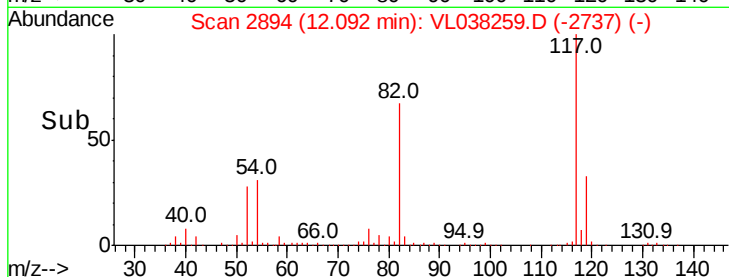
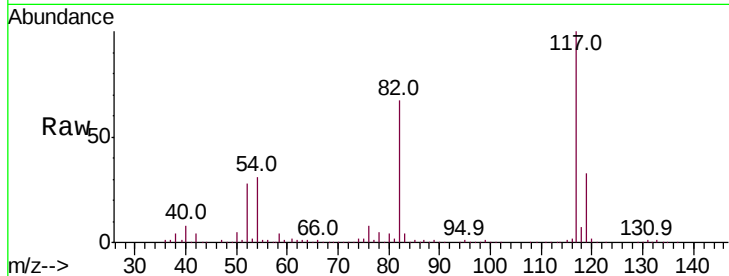


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDIC015
Acq: 24 Jan 2022 13:14

Tot Ion:1
Ion Rati
117 100
82 68.
119 0.

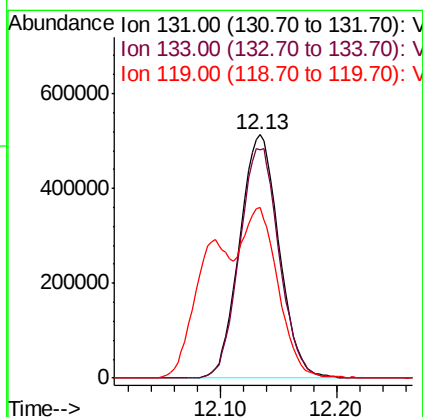
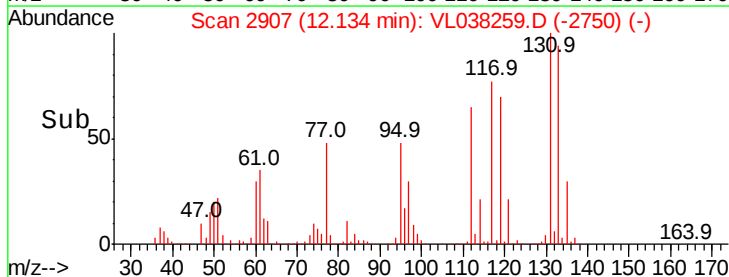
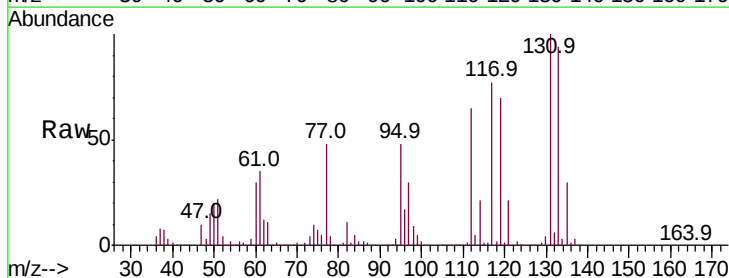
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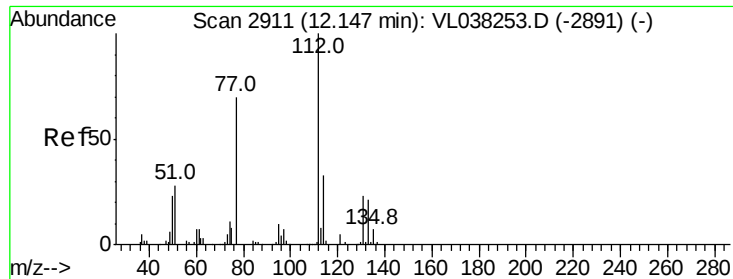
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 13.876 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. 0.01 min
Lab File: VL038259.D
Acq: 24 Jan 2022 13:14

Tgt Ion:131 Resp: 1211967
Ion Ratio Lower Upper
131 100
133 95.6 76.0 114.0
119 62.5 53.0 79.4



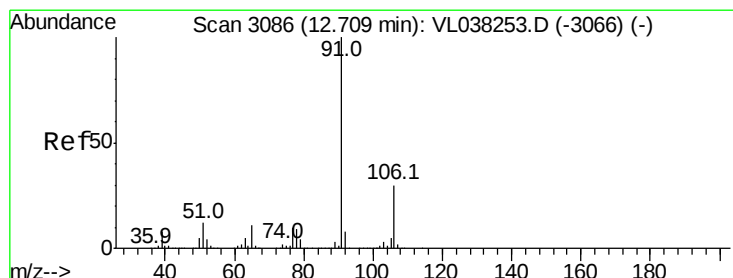
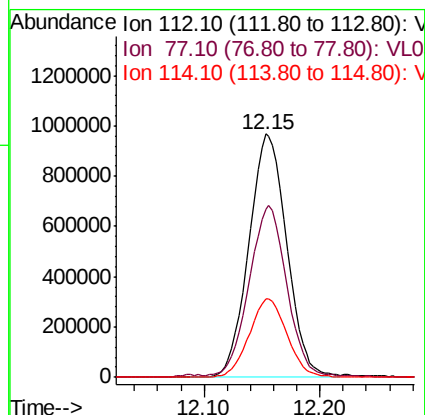
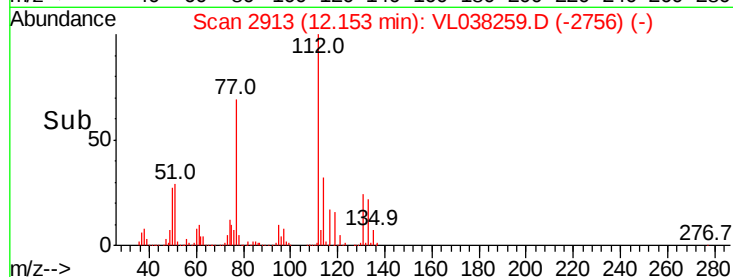
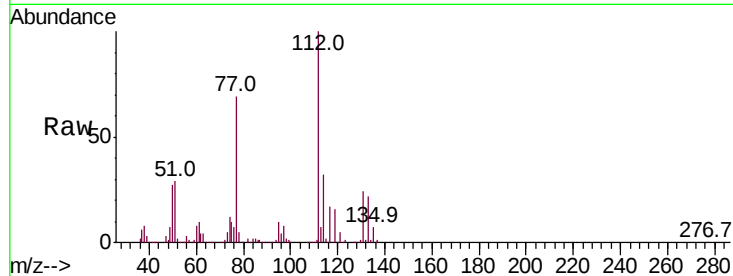


#57
Chlorobenzene
Concen: 12.115 ppbv
RT: 12.15 min
Instrument: MSVOA_1
Delta R.T.: 0.01 min
Lab File: ClientSampleId : VSTDIC015
Acq: 24 Jan 2022 13:14

Tot Ion: 1
Ion Ratio
112 100
77 68.
114 32.

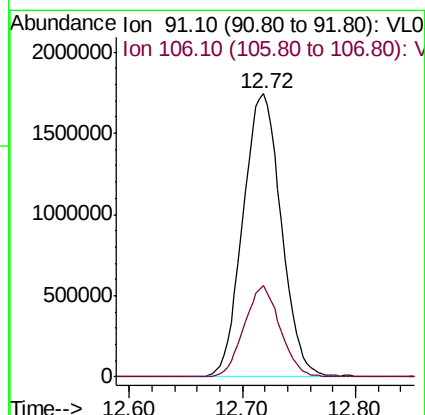
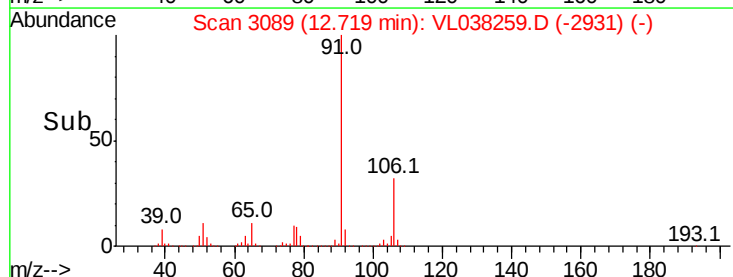
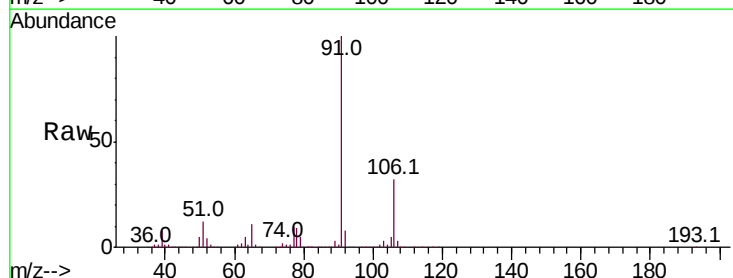
Manual Integrations
APPROVED

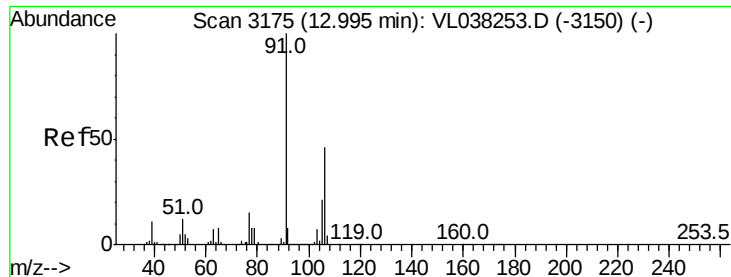
Reviewed By : Semsettin Yesilyurt 01/25/2022
Supervised By : Mahesh Dadoda 01/26/2022



#58
Ethyl Benzene
Concen: 12.601 ppbv
RT: 12.72 min Scan# 3089
Delta R.T.: 0.01 min
Lab File: VL038259.D
Acq: 24 Jan 2022 13:14

Tgt Ion: 91 Resp: 4106119
Ion Ratio Lower Upper
91 100
106 32.2 24.1 36.1





#59

m/p-Xylene

Concen: 24.282 ppbv m

RT: 13.00

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 24 Jan 2022 13:14

Tot Ion:

Ion Ratio

91 100

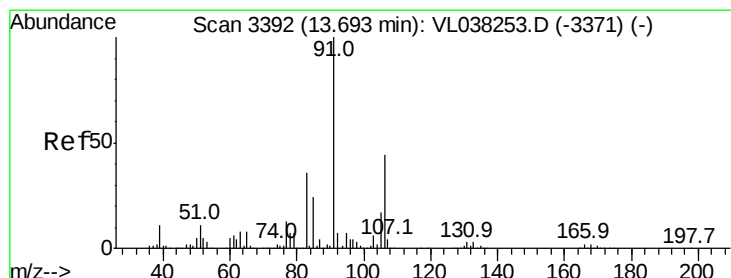
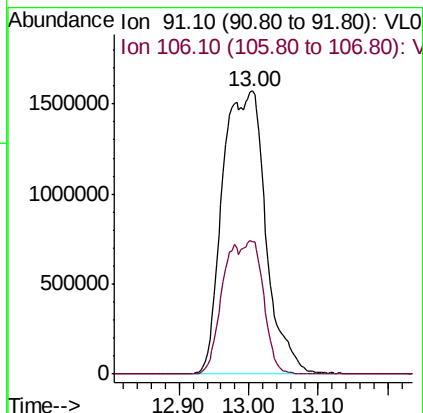
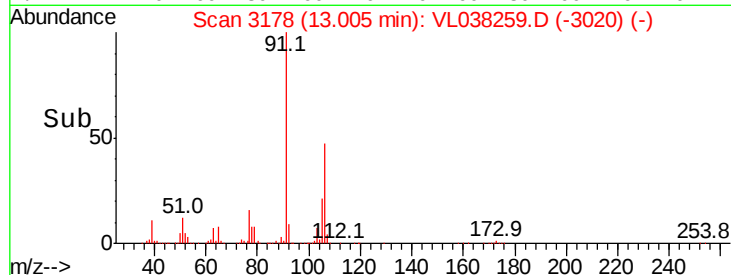
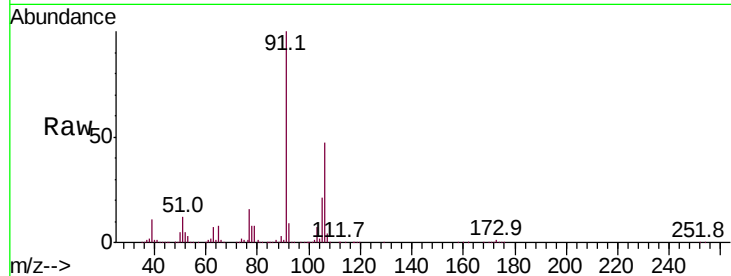
106 43.

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#60

o-Xylene

Concen: 12.268 ppbv

RT: 13.70 min Scan# 3394

Delta R.T. 0.01 min

Lab File: VL038259.D

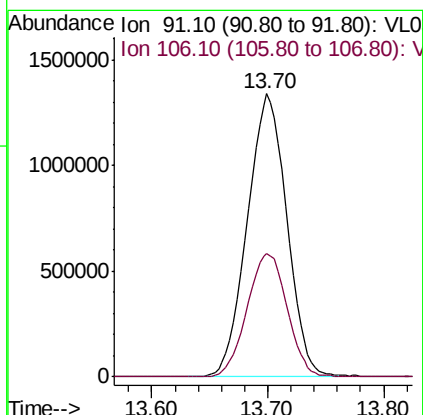
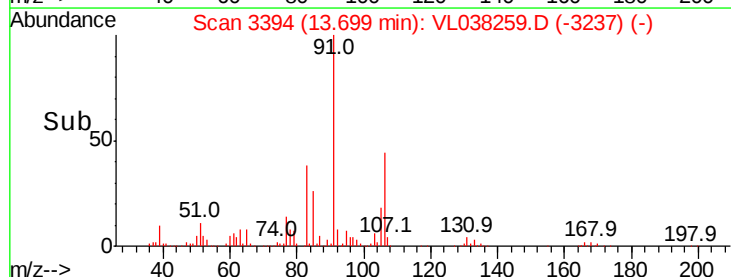
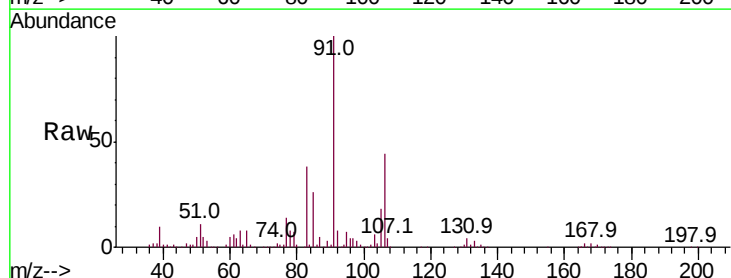
Acq: 24 Jan 2022 13:14

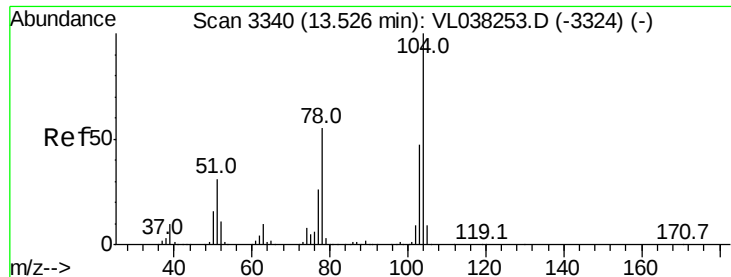
Tgt Ion: 91 Resp: 3168684

Ion Ratio Lower Upper

91 100

106 44.2 22.2 66.6



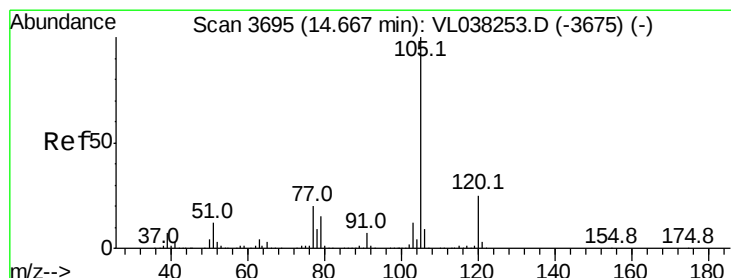
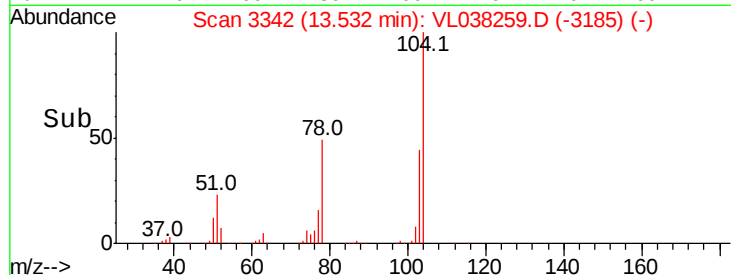
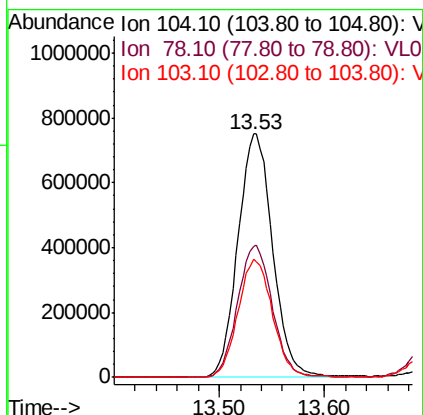
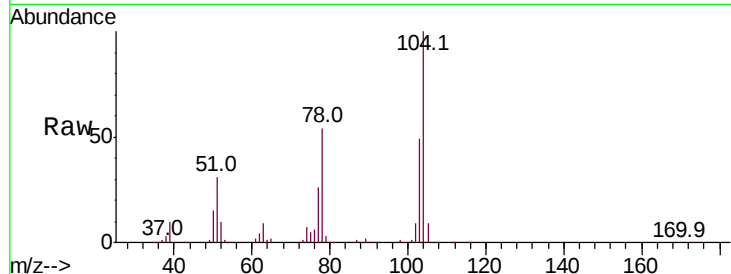


#61
Stvrene
Concen: 13.145 ppbv
RT: 13.53 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
VSTDIC015
Acq: 24 Jan 2022 13:14

Tot Ion:1
Ion Rati
104 100
78 54.
103 48.

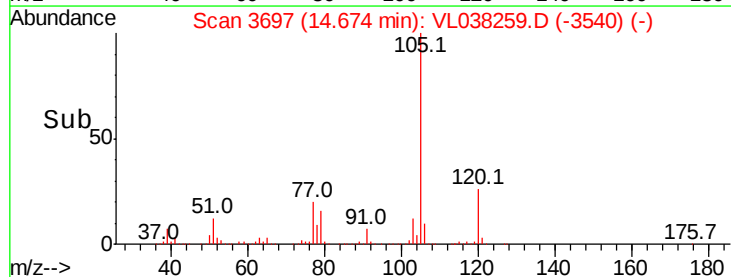
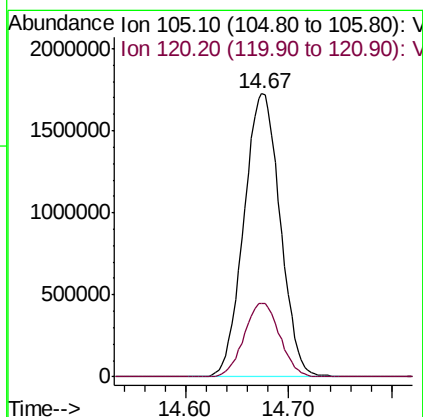
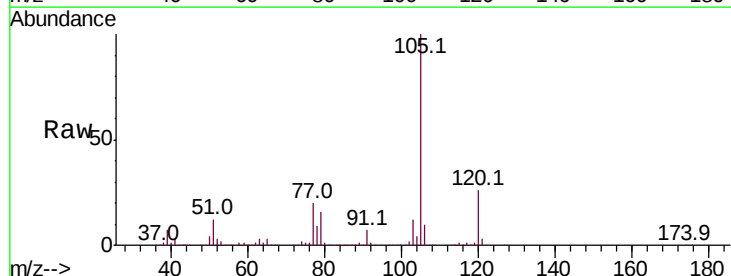
Manual Integrations
APPROVED

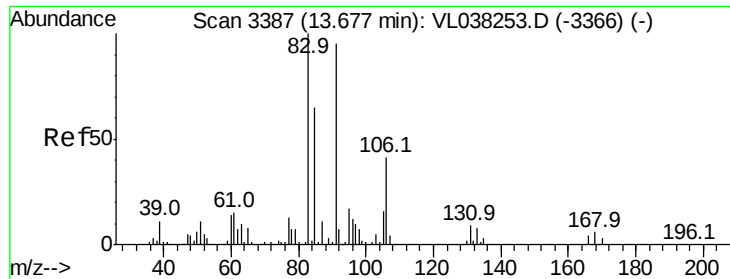
Reviewed By :Semsettin Yesilyurt 01/25/2022
Supervised By :Mahesh Dadoda 01/26/2022



#62
Isopropylbenzene
Concen: 11.623 ppbv
RT: 14.67 min Scan# 3697
Delta R.T. 0.01 min
Lab File: VL038259.D
Acq: 24 Jan 2022 13:14

Tgt Ion:105 Resp: 4214786
Ion Ratio Lower Upper
105 100
120 25.8 20.5 30.7



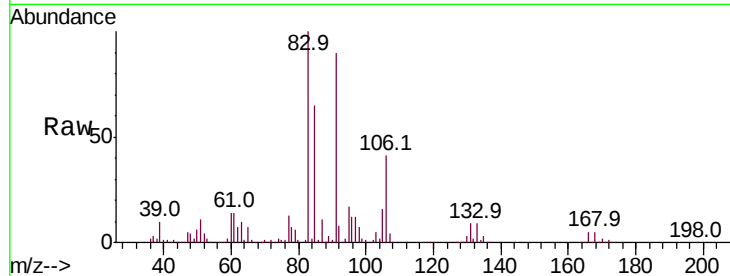


#63
 1,1,2,2-Tetrachloroethane
 Concen: 10.776 ppbv
 RT: 13.68 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 24 Jan 2022 13:14

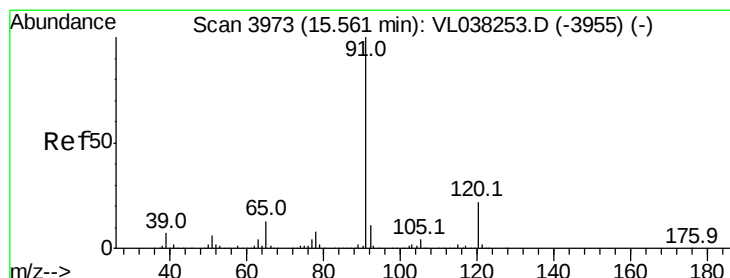
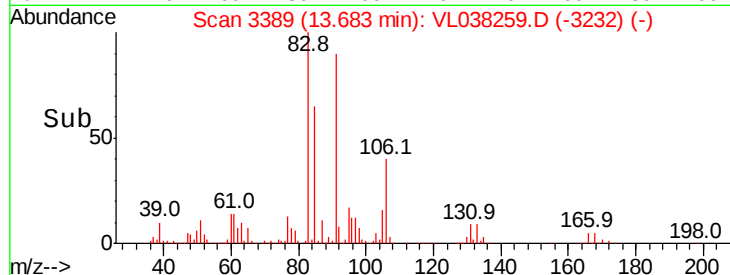
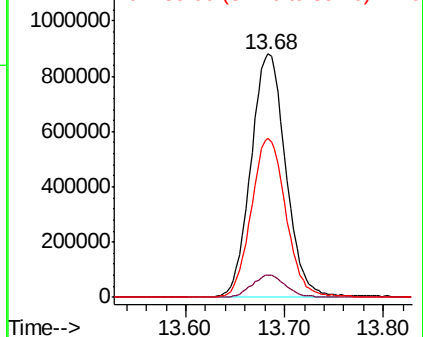
Tot Ion:
 Ion Ratio
 83 100
 131 9.
 85 65.

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 Supervised By :Mahesh Dadoda 01/26/2022

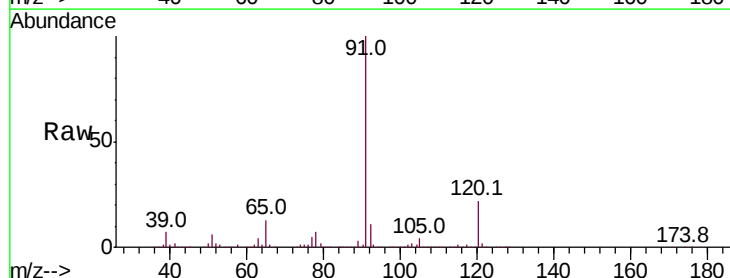


Abundance Ion 83.00 (82.70 to 83.70): VL0
 1200000
 Ion 131.00 (130.70 to 131.70): V
 Ion 85.00 (84.70 to 85.70): VL0

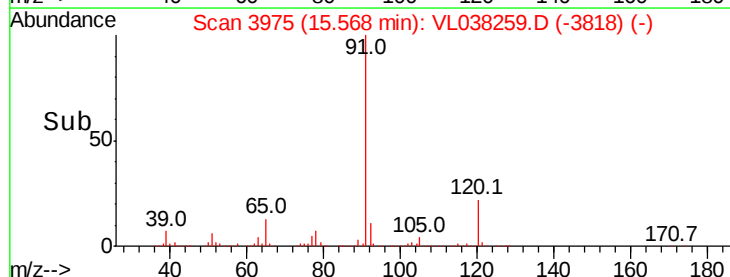
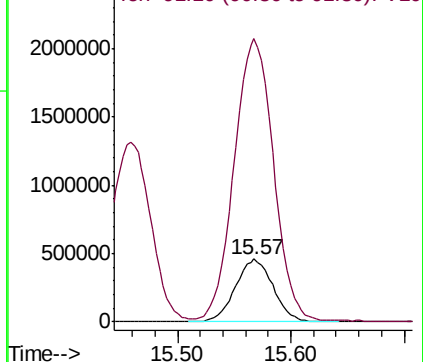


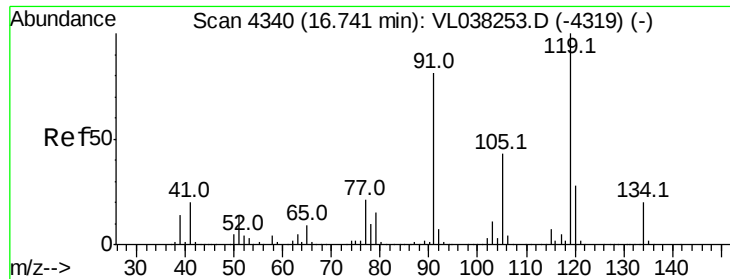
#64
 n-propylbenzene
 Concen: 11.796 ppbv
 RT: 15.57 min Scan# 3975
 Delta R.T. 0.01 min
 Lab File: VL038259.D
 Acq: 24 Jan 2022 13:14

Tgt Ion:120 Resp: 1063493
 Ion Ratio Lower Upper
 120 100
 91 475.3 390.8 586.2



Abundance Ion 120.20 (119.90 to 120.90): V
 2000000
 Ion 91.10 (90.80 to 91.80): VL0



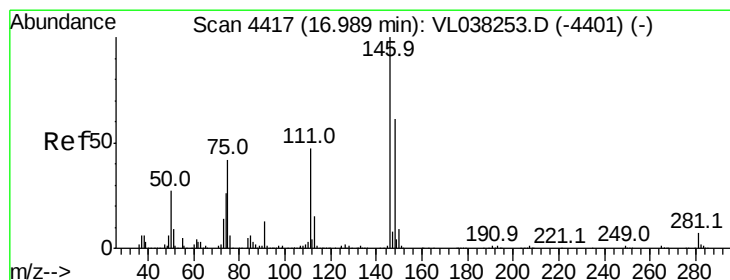
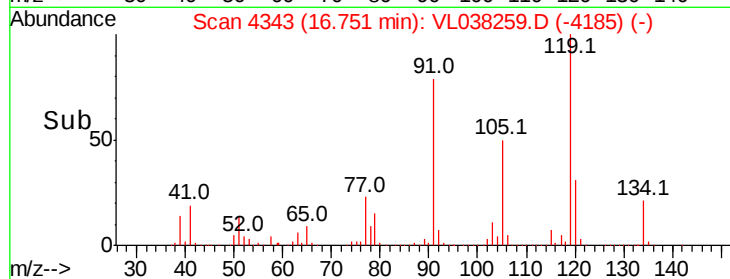
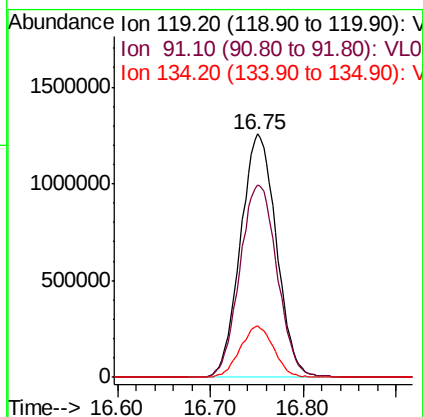
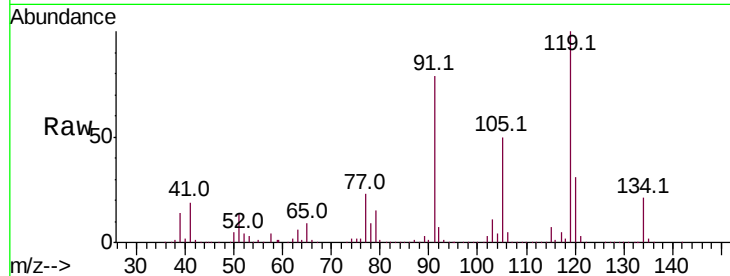


#65
tert-Butylbenzene
Concen: 10.587 ppbv
RT: 16.75 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDIC015
Acq: 24 Jan 2022 13:14

Tot Ion: 1
Ion Ratio
119 100
91 82.
134 19.

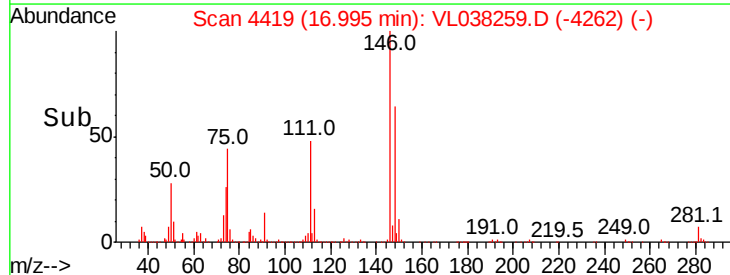
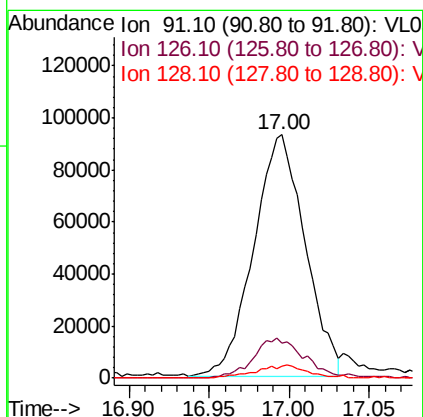
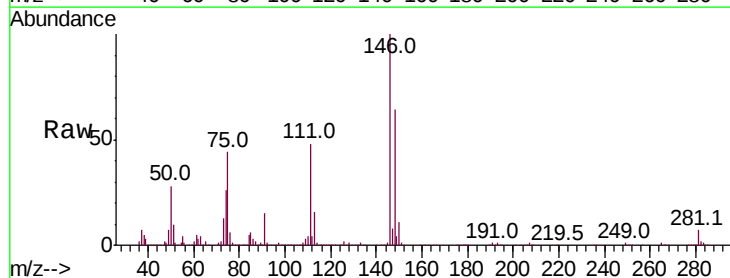
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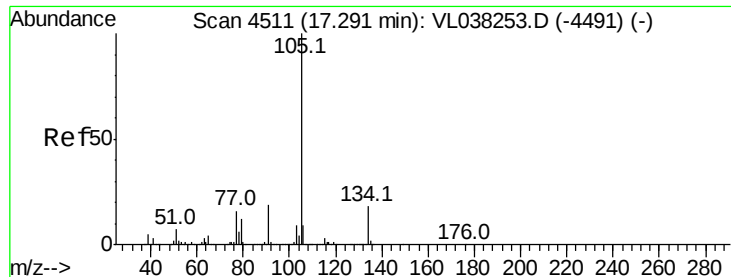
Reviewed By : Semsettin Yesilyurt 01/25/2022
Supervised By : Mahesh Dadoda 01/26/2022



#66
Benzyl Chloride
Concen: 17.231 ppbv
RT: 17.00 min Scan# 4419
Delta R.T.: 0.01 min
Lab File: VL038259.D
Acq: 24 Jan 2022 13:14

Tgt Ion: 91 Resp: 204987
Ion Ratio Lower Upper
91 100
126 17.0 12.6 18.8
128 5.8 4.3 6.5





#67

sec-Butylbenzene

Concen: 10.715 ppbv

RT: 17.30

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Jan 2022 13:14

Tot Ion:1

Ion Ratio

105 100

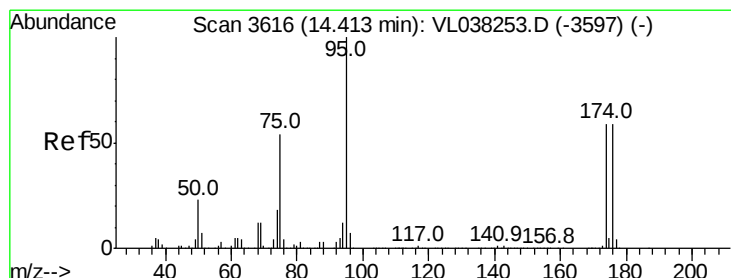
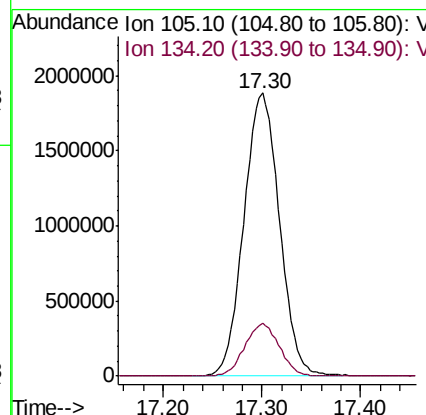
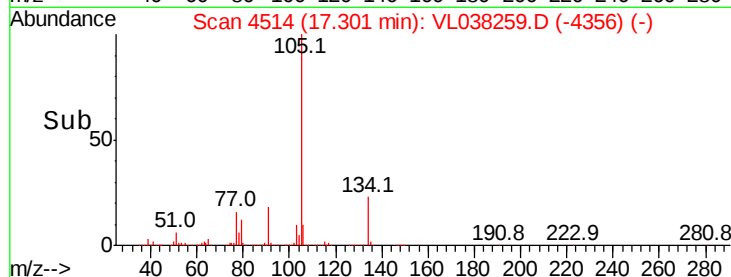
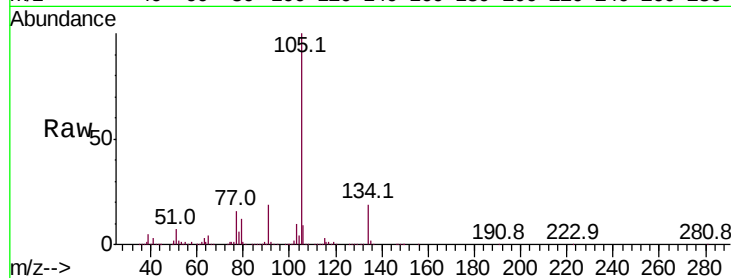
134 18.

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Supervised By :Mahesh Dadoda 01/26/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.216 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. 0.01 min

Lab File: VL038259.D

Acq: 24 Jan 2022 13:14

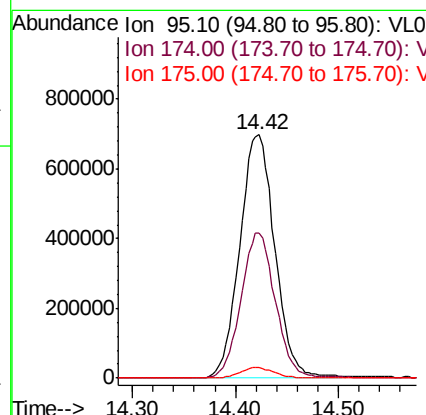
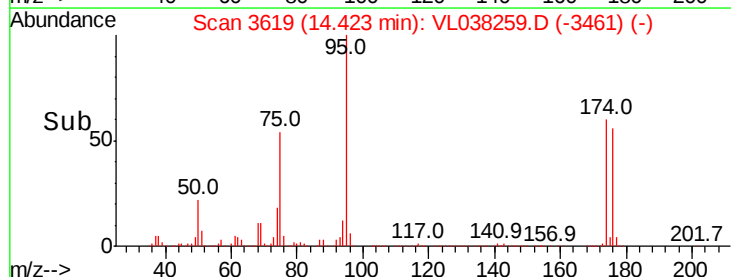
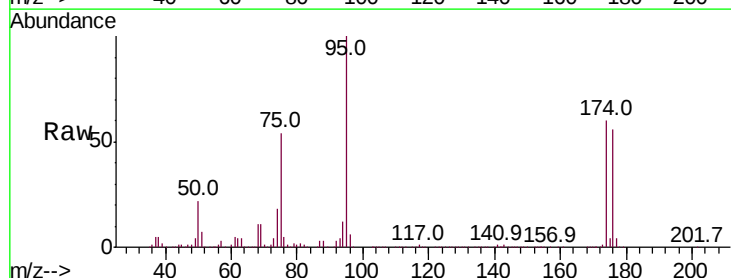
Tgt Ion: 95 Resp: 1653196

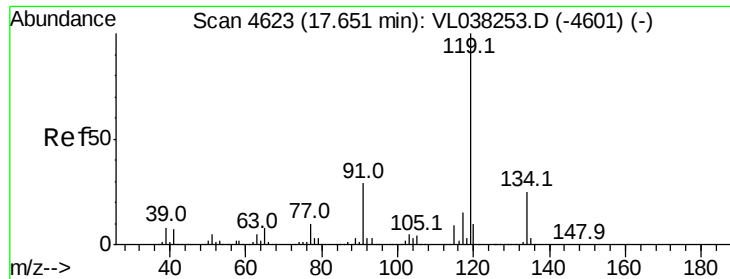
Ion Ratio Lower Upper

95 100

174 59.1 48.3 72.5

175 4.3 3.5 5.3



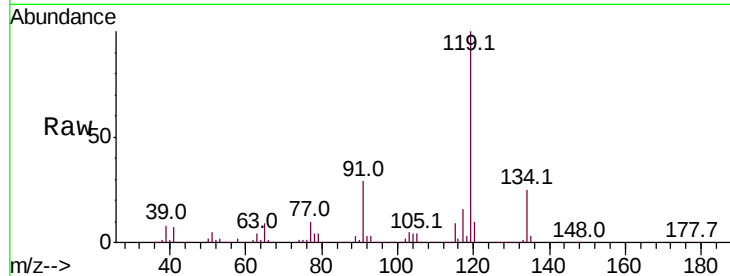


#69
 p-Isopropyltoluene
 Concen: 10.524 ppbv
 RT: 17.66 min
 Delta R.T.: 0.01 min
 Lab File: VL038259.D
 Acq: 24 Jan 2022 13:14

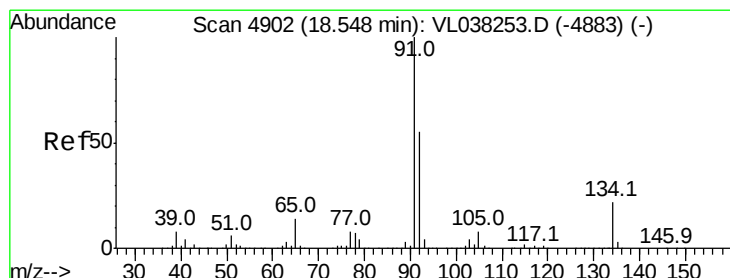
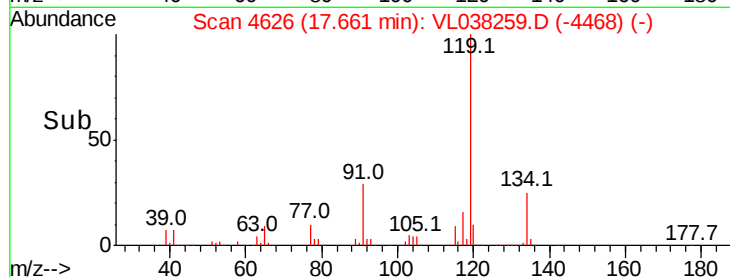
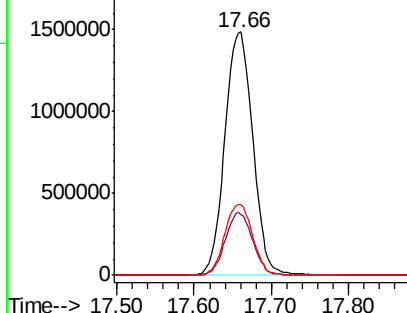
Tot Ion: 1
 Ion Ratio
 119 100
 134 25.1
 91 29.1

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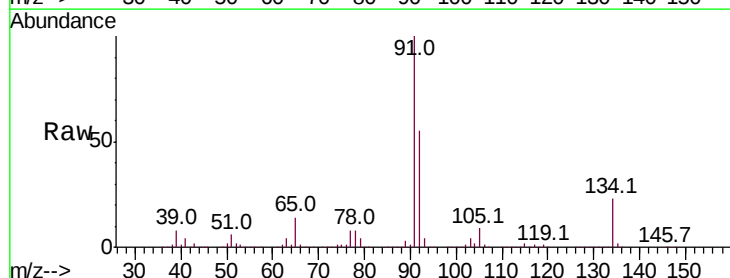


Abundance Ion 119.10 (118.80 to 119.80): VL0
 Ion 134.20 (133.90 to 134.90): VL0
 Ion 91.10 (90.80 to 91.80): VL0

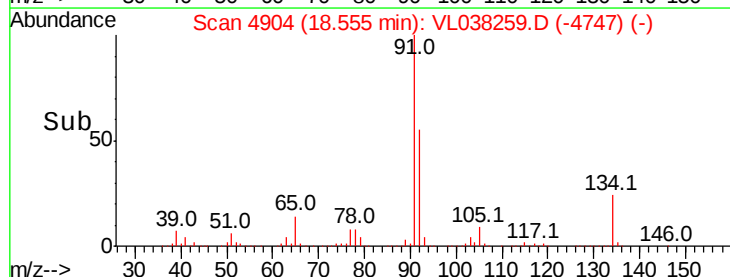
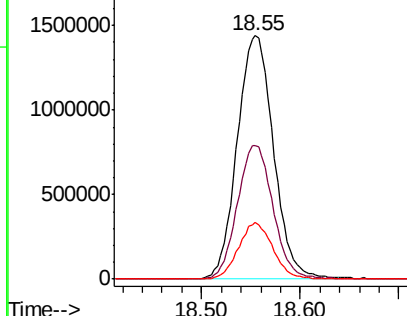


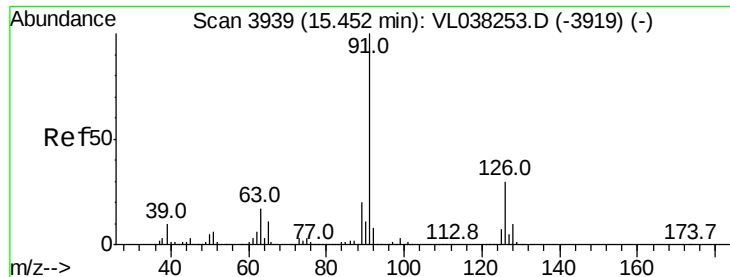
#70
 n-Butylbenzene
 Concen: 10.951 ppbv
 RT: 18.55 min Scan# 4904
 Delta R.T.: 0.01 min
 Lab File: VL038259.D
 Acq: 24 Jan 2022 13:14

Tgt Ion: 91 Resp: 3672912
 Ion Ratio Lower Upper
 91 100
 92 54.2 43.4 65.0
 134 22.2 17.3 25.9



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): VL0





#71

2-Chlorotoluene

Concen: 11.795 ppbv

RT: 15.46

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 24 Jan 2022 13:14

Tot Ion:

Ion Ratio

91 100

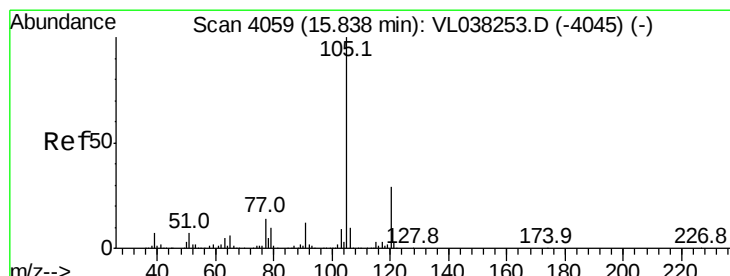
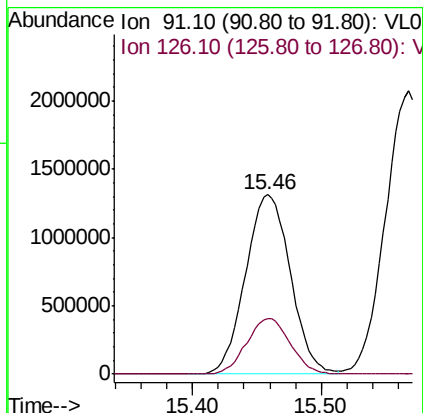
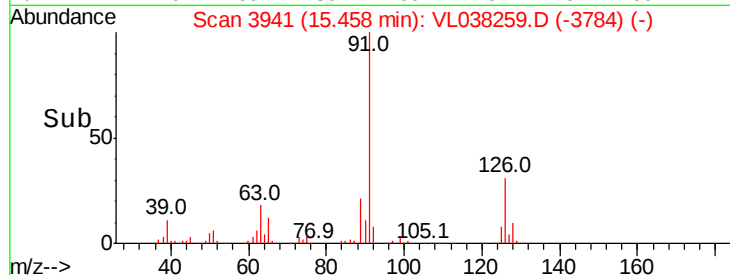
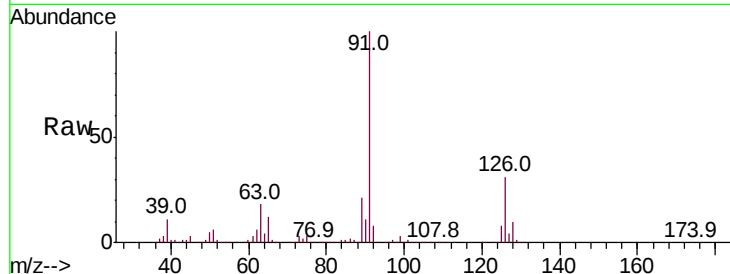
126 30.

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Supervised By :Mahesh Dadoda 01/26/2022



#72

4-Ethyltoluene

Concen: 11.787 ppbv

RT: 15.85 min Scan# 4062

Delta R.T. 0.01 min

Lab File: VL038259.D

Acq: 24 Jan 2022 13:14

Tgt Ion:105 Resp: 3505885

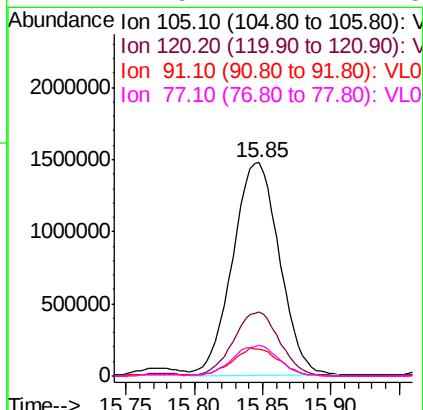
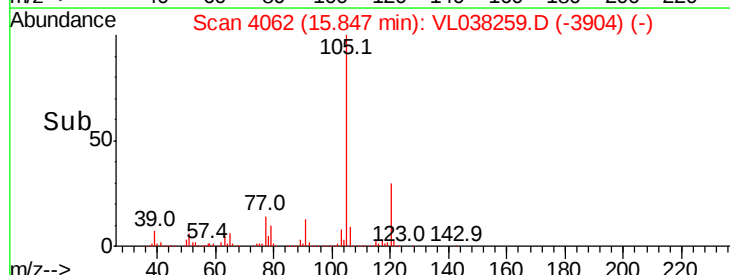
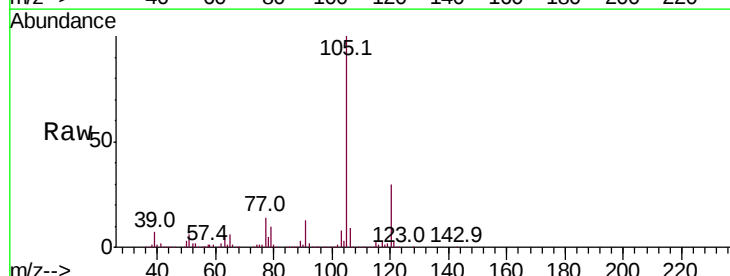
Ion Ratio Lower Upper

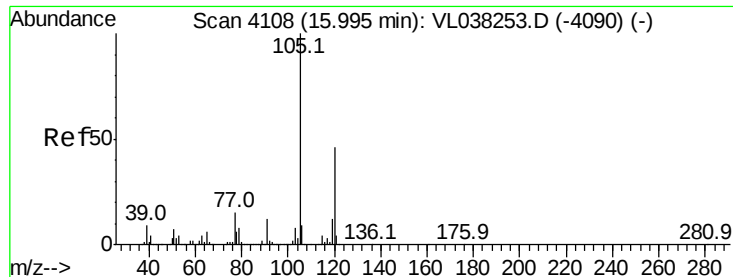
105 100

120 29.9 23.8 35.8

91 13.1 10.2 15.4

77 14.5 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 11.478 ppbv

RT: 16.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

VSTDIC015

Acq: 24 Jan 2022 13:14

Tot Ion:1

Ion Rati

105 100

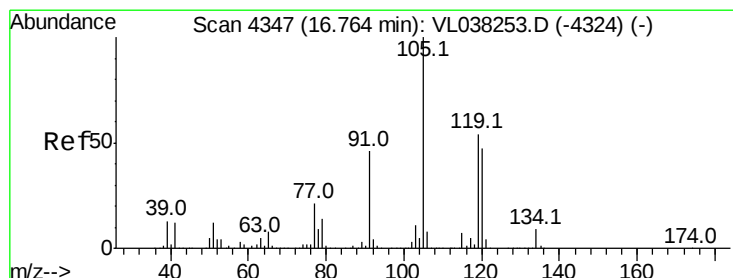
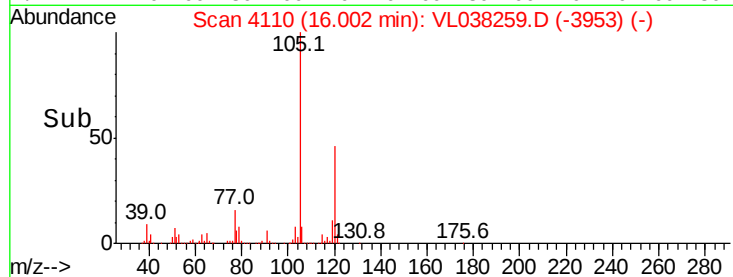
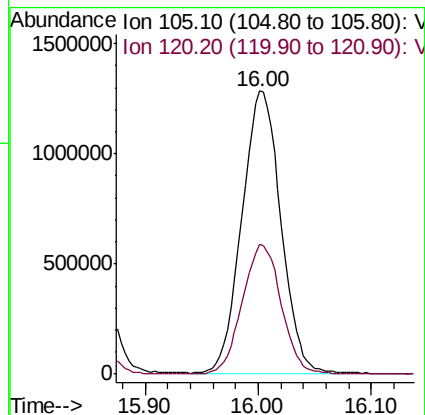
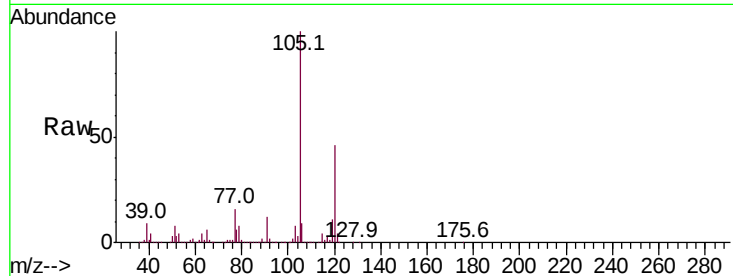
120 46.

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#74

1,2,4-Trimethylbenzene

Concen: 10.880 ppbv

RT: 16.77 min Scan# 4349

Delta R.T. 0.01 min

Lab File: VL038259.D

Acq: 24 Jan 2022 13:14

Tgt Ion:105 Resp: 3041714

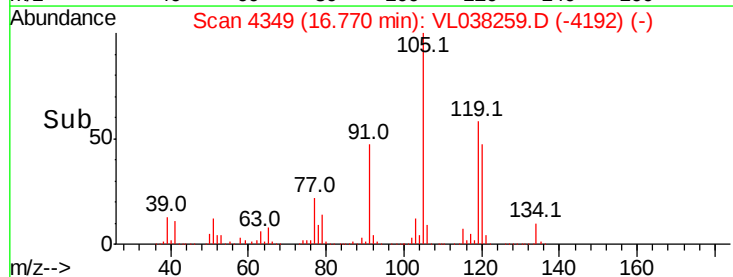
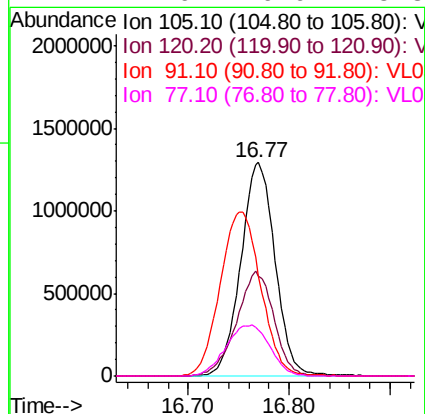
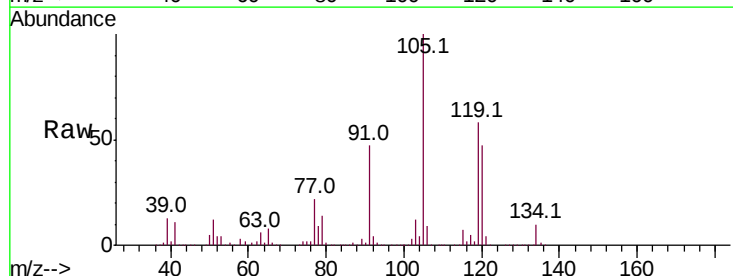
Ion Ratio Lower Upper

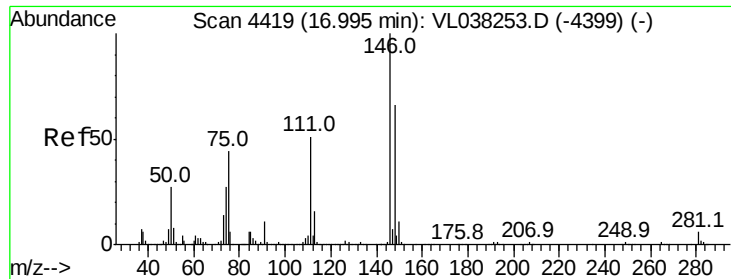
105 100

120 46.8 37.2 55.8

91 46.4 36.6 55.0

77 21.6 16.9 25.3





#75

1,3-Dichlorobenzene

Concen: 11.214 ppbv

RT: 17.00

Delta R.T. MSVOA_L

Lab File: ClientSampled :

VSTDIC015

Acq: 24 Jan 2022 13:14

Tot Ion:1

Ion Rati

146 100

111 47.

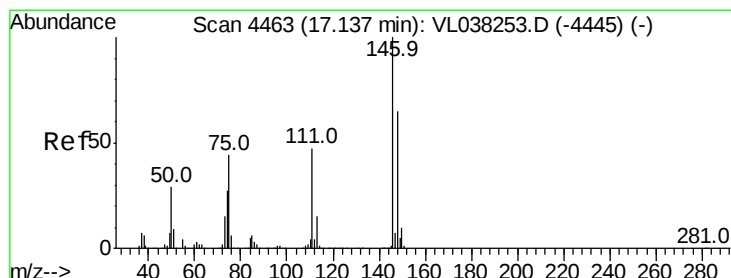
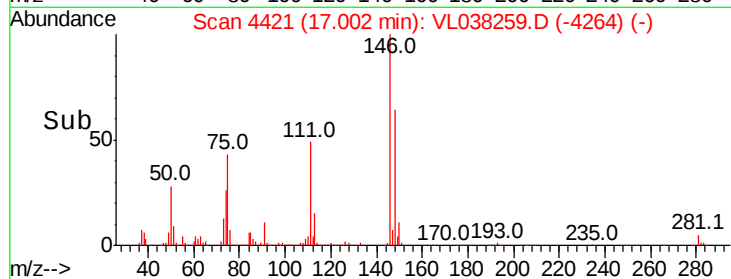
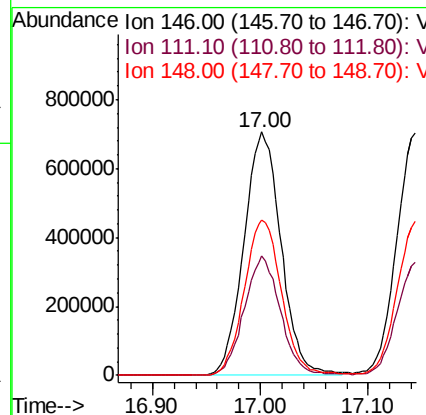
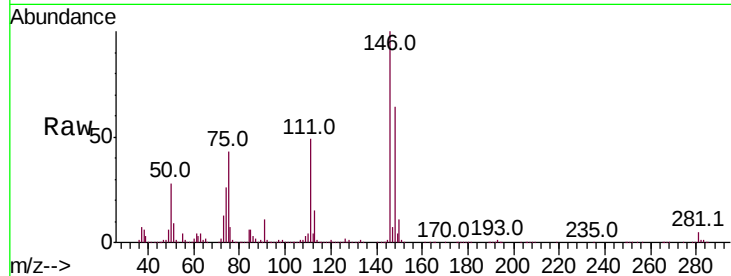
148 64.

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Supervised By :Mahesh Dadoda 01/26/2022



#76

1,4-Dichlorobenzene

Concen: 10.915 ppbv

RT: 17.14 min Scan# 4465

Delta R.T. 0.01 min

Lab File: VL038259.D

Acq: 24 Jan 2022 13:14

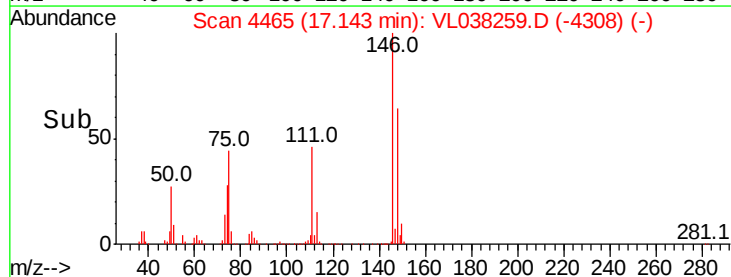
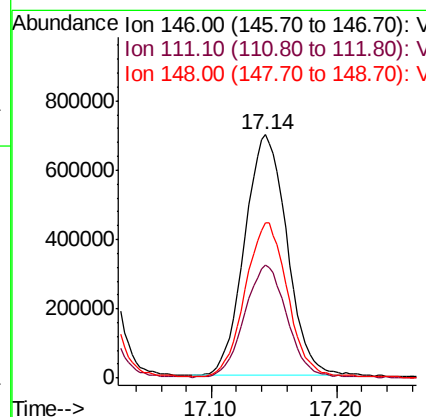
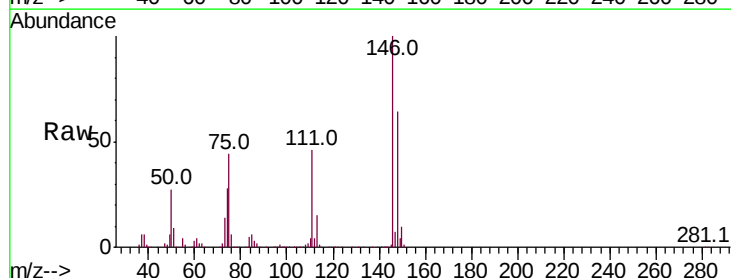
Tgt Ion:146 Resp: 1635348

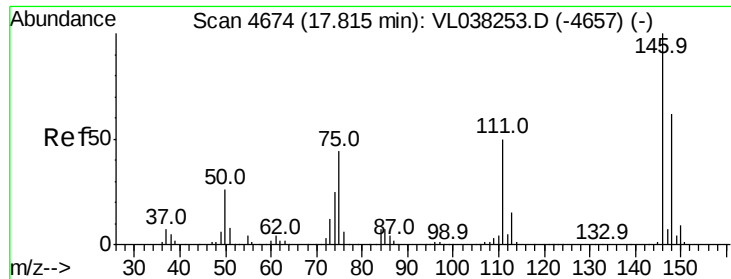
Ion Ratio Lower Upper

146 100

111 47.5 23.2 69.6

148 65.8 32.4 97.0



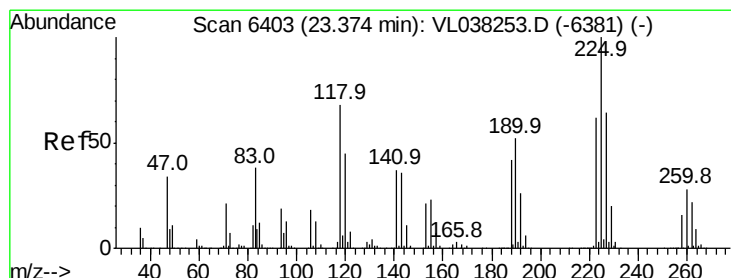
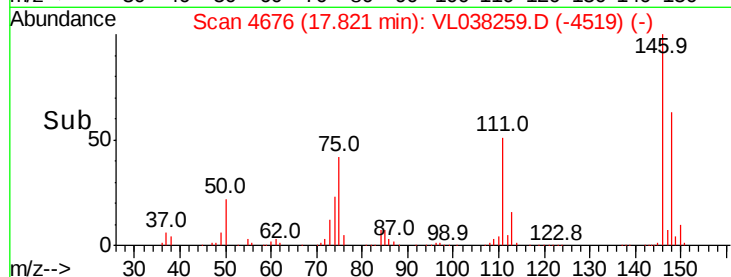
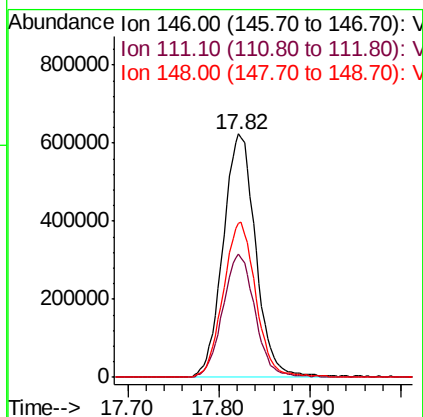
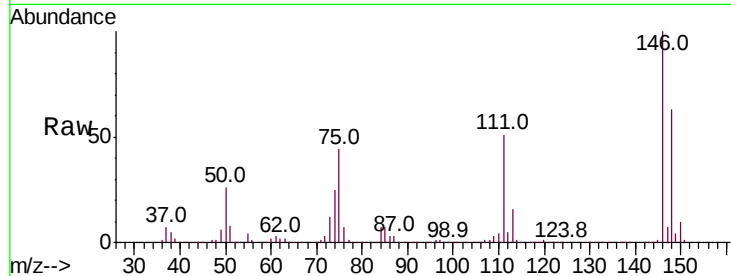


#77
 1,2-Dichlorobenzene
 Concen: 10.616 ppbv
 RT: 17.82 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 24 Jan 2022 13:14

Tot Ion:1
 Ion Rati
 146 100
 111 51.
 148 64.

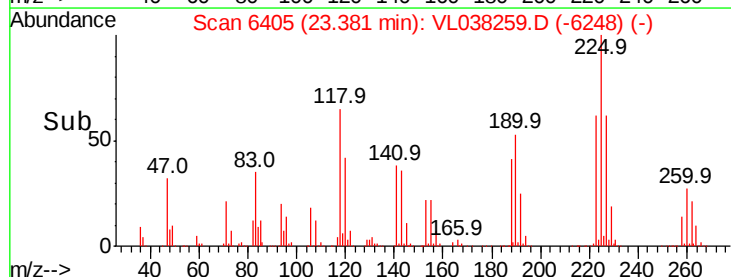
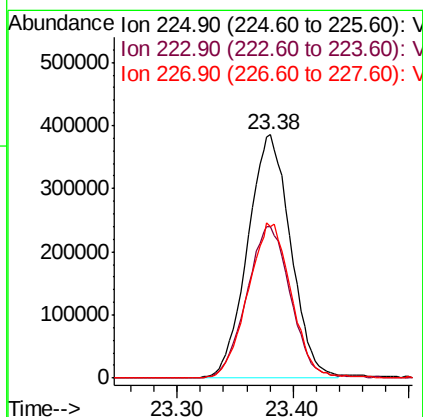
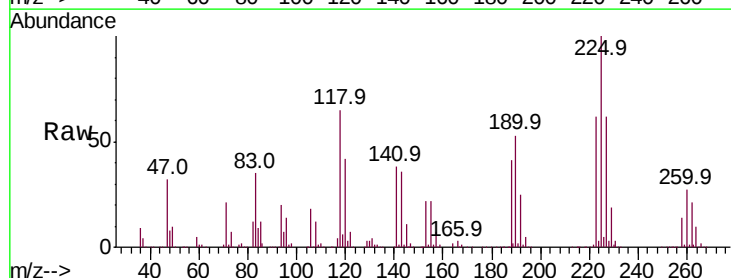
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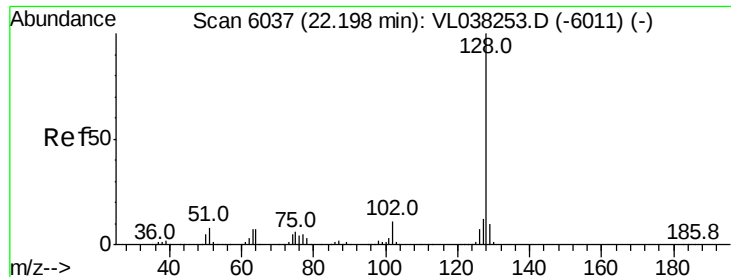
Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022



#78
 Hexachloro-1,3-Butadiene
 Concen: 11.148 ppbv
 RT: 23.38 min Scan# 6405
 Delta R.T.: 0.01 min
 Lab File: VL038259.D
 Acq: 24 Jan 2022 13:14

Tgt Ion:225 Resp: 994612
 Ion Ratio Lower Upper
 225 100
 223 64.2 51.7 77.5
 227 64.6 51.4 77.0





#79

Naphthalene

Concen: 13.381 ppbv m

RT: 22.20

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Jan 2022 13:14

Tot Ion:1

Ion Rati

128 100

127 13.

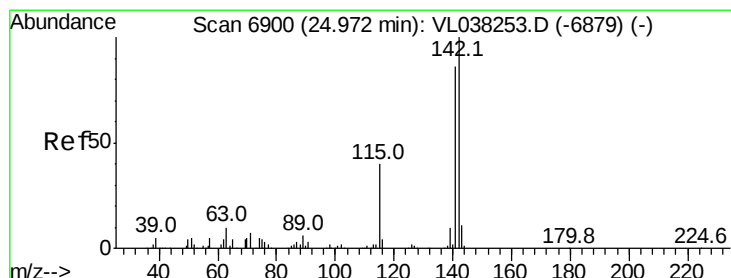
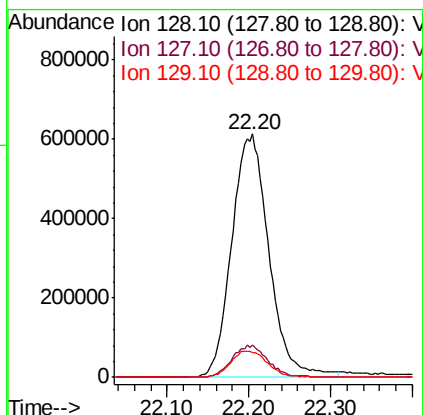
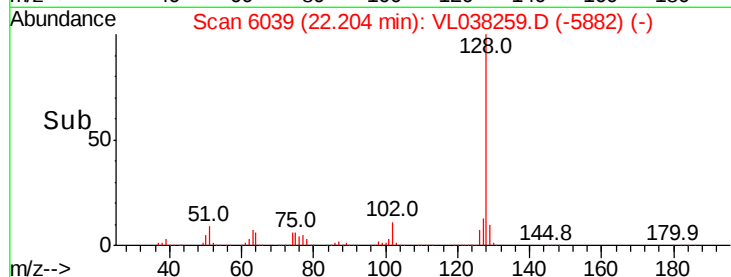
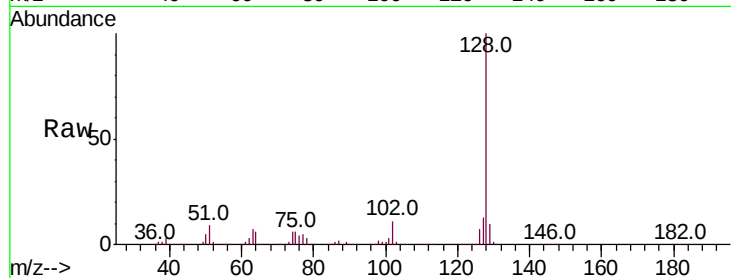
129 10.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/25/2022

Supervised By :Mahesh Dadoda 01/26/2022



#80

Naphthalene, 2-methyl-

Concen: 9.666 ppbv

RT: 24.98 min Scan# 6901

Delta R.T. 0.00 min

Lab File: VL038259.D

Acq: 24 Jan 2022 13:14

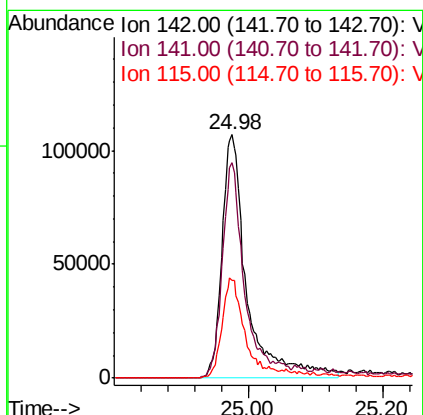
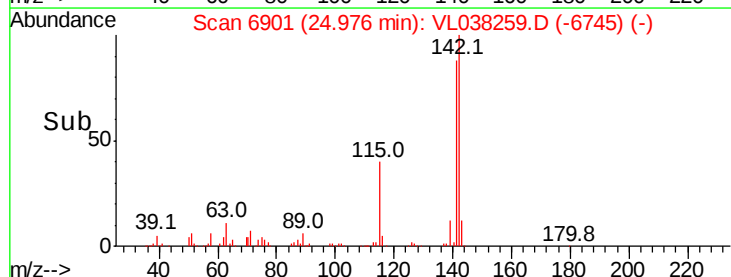
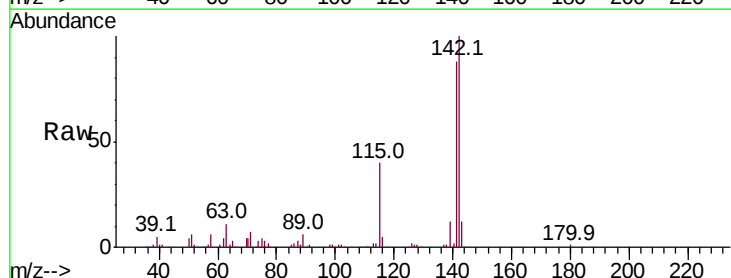
Tgt Ion:142 Resp: 276965

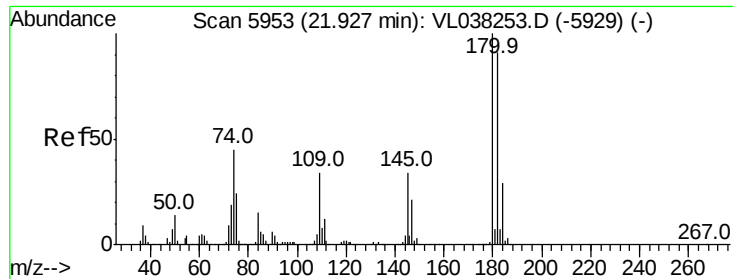
Ion Ratio Lower Upper

142 100

141 79.7 70.2 105.4

115 42.4 31.8 47.6





#81
 1,2,4-Trichlorobenzene
 Concen: 12.094 ppbv
 RT: 21.93
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDIC015
 Acq: 24 Jan 2022 15.14

Tot Ion:1
 Ion Rati
 180 100
 182 99.
 184 30.

Manual Integrations
 APPROVED

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

