

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022323\
 Data File : VL040216.D
 Acq On : 23 Feb 2023 10:18
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/24/2023
 Supervised By : Mahesh Dadoda 02/24/2023

Quant Time: Feb 24 00:40:08 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Feb 22 03:17:31 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.189	49	831180	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.655	114	2160254	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.474	117	2065628m	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.783 95 1783715 10.501 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 105.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.719	85	1697063	10.955	ppbv	99
3) Chlorodifluoromethane	2.664	51	1006593	10.138	ppbv	99
4) Chloromethane	2.803	50	634947	10.181	ppbv	96
5) Vinyl Chloride	2.912	62	554082	11.055	ppbv	98
6) Bromomethane	3.111	94	185092	10.232	ppbv	97
7) Chloroethane	3.189	64	201001	10.113	ppbv	97
8) Dichlorotetrafluoroethane	2.848	85	1398541	10.477	ppbv	100
9) Propene	2.684	41	407227	10.062	ppbv	99
10) Heptane	7.581	43	1063232	11.037	ppbv	100
11) Trichlorofluoromethane	3.555	101	1477903	10.633	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.060	101	1103964	10.766	ppbv	99
13) Ethanol	3.234	45	24246m	6.507	ppbv	
14) Bromoethene	3.359	108	437046	11.115	ppbv	99
15) Acetone	3.459	43	967139	9.665	ppbv	99
16) 1,3-Butadiene	2.976	39	487404	10.665	ppbv	97
17) tert-Butyl alcohol	3.870	59	1003661	10.997	ppbv	99
18) 1,1-Dichloroethene	3.873	96	483107	10.843	ppbv	98
19) Isopropyl Alcohol	3.568	45	449330	9.446	ppbv	99
20) Methylene Chloride	3.925	84	407634	7.825	ppbv	97
21) Allyl Chloride	3.989	41	674439	10.988	ppbv	98
22) trans-1,2-Dichloroethene	4.439	96	500950	10.858	ppbv	95
23) Vinyl Acetate	4.623	43	323372	10.648	ppbv	99
24) 1,1-Dichloroethane	4.558	63	1018545	10.730	ppbv	98
25) Ethyl Acetate	5.201	43	1912518	10.281	ppbv	100
26) Hexane	5.211	57	806908	10.104	ppbv	99
27) Carbon Disulfide	4.118	76	1186829	11.712	ppbv	100
28) Methyl tert-Butyl Ether	4.581	73	909595	10.630	ppbv	97
29) Chloroform	5.272	83	1392381	10.154	ppbv	95
30) Cyclohexane	6.600	84	683206	10.895	ppbv	99
31) cis-1,2-Dichloroethene	5.076	61	777542	10.247	ppbv	96
32) 1,1,1-Trichloroethane	6.002	97	1433456	11.126	ppbv	100
34) 2-Butanone	4.780	43	1080746	10.142	ppbv	98
35) Carbon Tetrachloride	6.494	117	1483298	11.615	ppbv	99
36) Benzene	6.372	78	1754616	10.437	ppbv	99
37) 1,2-Dichloroethane	5.806	62	1107209	10.530	ppbv	99
38) Trichloroethene	7.291	130	1041351	11.241	ppbv	98
39) 1,2-Dichloropropane	7.076	63	670039	10.245	ppbv	96
40) 1,4-Dioxane	7.288	88	247111	9.446	ppbv	80
41) Tetrahydrofuran	5.555	42	657422	10.646	ppbv	99
42) Bromodichloromethane	7.253	83	1590708	10.961	ppbv	99
43) Methyl Methacrylate	7.478	69	693354	11.146	ppbv	99
44) 2,2,4-Trimethylpentane	7.330	57	2916396	10.392	ppbv	99
45) t-1,3-Dichloropropene	8.716	75	662506	12.006	ppbv	100

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 ClientSampleId :
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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/24/2023
 Supervised By : Mahesh Dadoda 02/24/2023

Quant Time: Feb 24 00:40:08 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Feb 22 03:17:31 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	899490	11.701	ppbv	95
47) 1,1,2-Trichloroethane	8.905	97	736123	10.407	ppbv	97
48) Dibromochloromethane	9.716	129	1297726	11.470	ppbv	99
49) Bromoform	12.413	173	1018355	11.532	ppbv	100
50) 4-Methyl-2-Pentanone	8.182	43	1822687	11.016	ppbv	99
51) 2-Hexanone	9.555	43	1400586	11.007	ppbv #	98
52) Tetrachloroethene	10.619	164	587824	11.197	ppbv	97
53) Toluene	9.227	91	1991932	11.062	ppbv	99
54) 1,2-Dibromoethane	10.015	107	814366	11.065	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.516	131	916603	10.571	ppbv	95
57) Chlorobenzene	11.536	112	1533831	10.164	ppbv	99
58) Ethyl Benzene	12.095	91	2743362	10.931	ppbv	97
59) m/p-Xylene	12.381	91	4776313m	21.487	ppbv	
60) o-Xylene	13.066	91	2300764	10.757	ppbv	99
61) Styrene	12.905	104	1292647	11.511	ppbv	99
62) Isopropylbenzene	14.037	105	3224975	10.504	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.060	83	775080	10.056	ppbv	98
64) n-propylbenzene	14.928	120	805753	10.604	ppbv	94
65) tert-Butylbenzene	16.101	119	2815127	10.548	ppbv	99
66) Benzyl Chloride	16.339	91	159053	8.956	ppbv	96
67) sec-Butylbenzene	16.645	105	3485063	9.106	ppbv	100
69) p-Isopropyltoluene	17.005	119	3098714	10.213	ppbv	99
70) n-Butylbenzene	17.895	91	3375582	10.250	ppbv	100
71) 2-Chlorotoluene	14.812	91	2484649	10.582	ppbv	100
72) 4-Ethyltoluene	15.201	105	2587927	10.945	ppbv	100
73) 1,3,5-Trimethylbenzene	15.359	105	2308044	10.490	ppbv	97
74) 1,2,4-Trimethylbenzene	16.117	105	2506369	10.371	ppbv	99
75) 1,3-Dichlorobenzene	16.342	146	1227973	9.285	ppbv	99
76) 1,4-Dichlorobenzene	16.481	146	1189068	9.175	ppbv	98
77) 1,2-Dichlorobenzene	17.153	146	1273327	9.693	ppbv	100
78) Hexachloro-1,3-Butadiene	22.648	225	784487	8.692	ppbv	100
79) Naphthalene	21.400	128	1496784	11.024	ppbv	98
80) Naphthalene,2-methyl-	24.384	142	339831	8.802	ppbv	96
81) 1,2,4-Trichlorobenzene	21.149	180	825788	9.720	ppbv	98

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

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Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

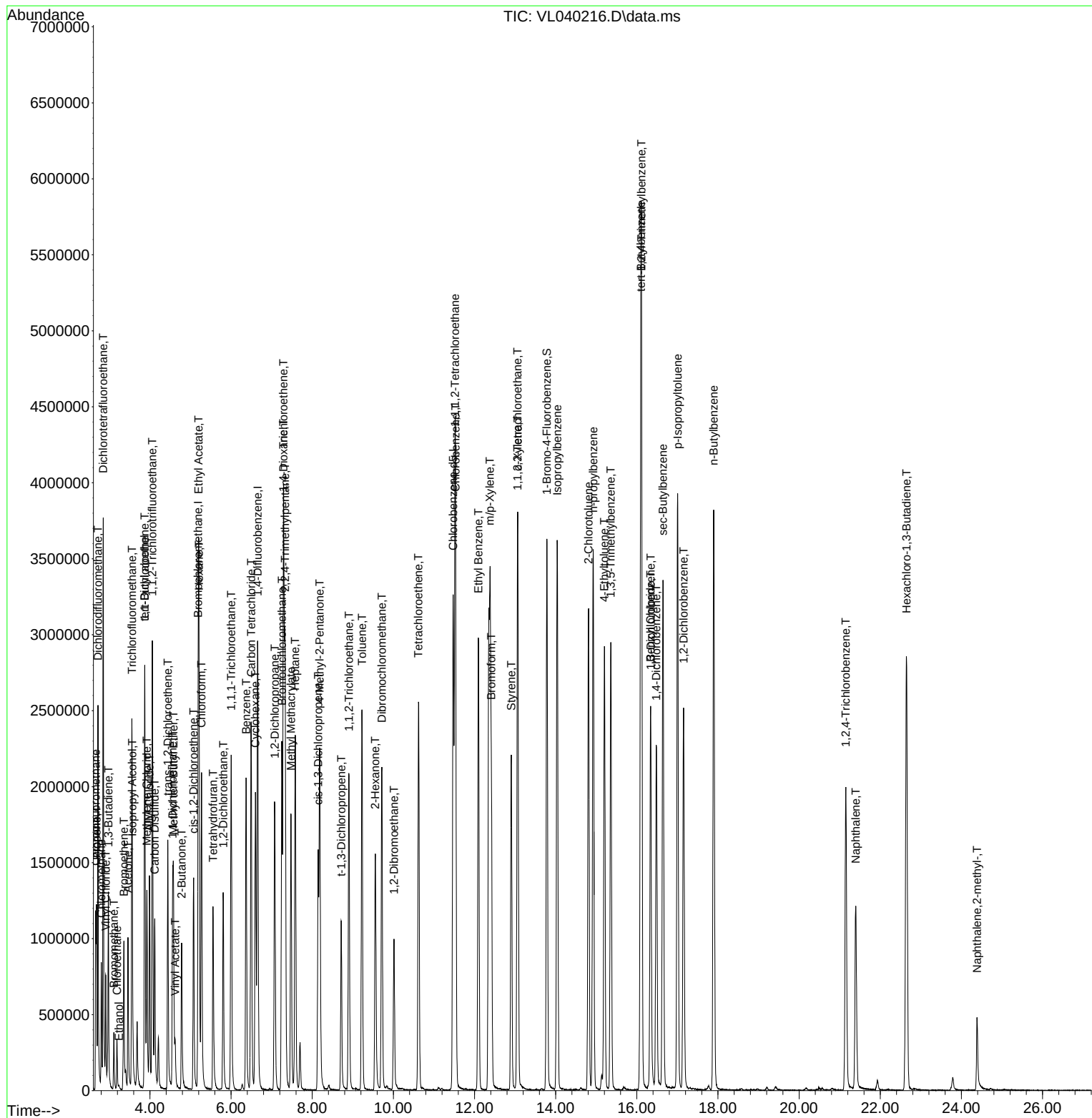
Quant Time: Feb 24 00:40:08 2023

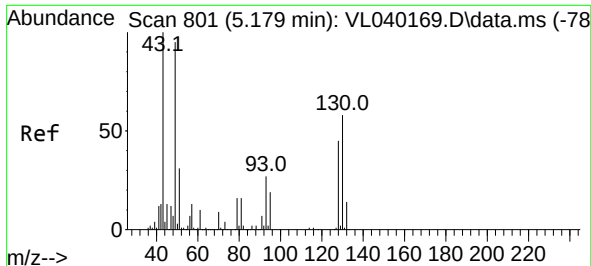
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M

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

QLast Update : Wed Feb 22 03:17:31 2023

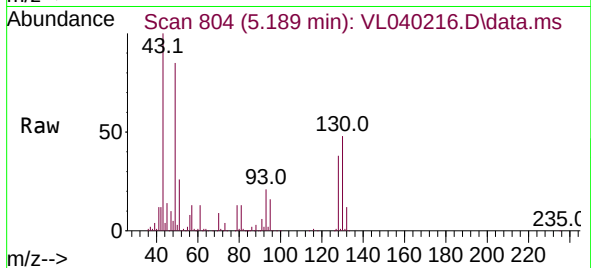
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 801
Delta R.T. -0.016 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

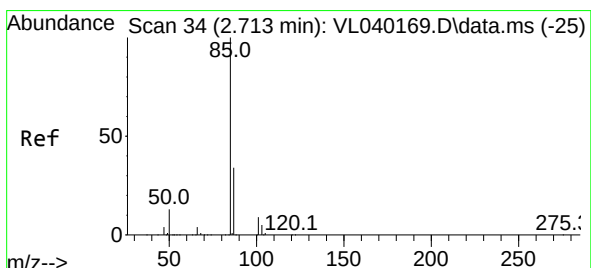
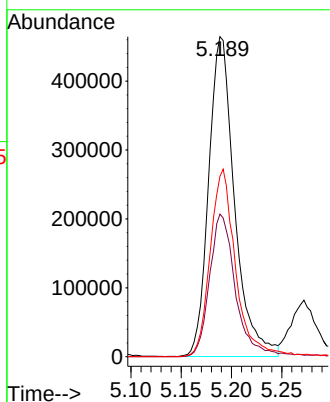
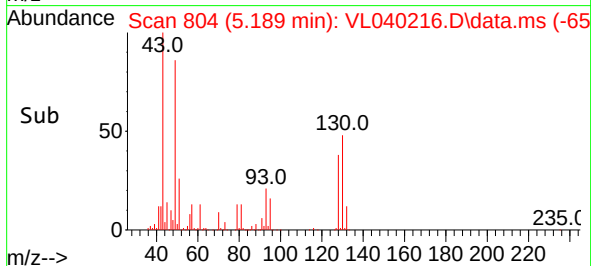
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 49 Resp: 831180
Ion Ratio Lower Upper
49 100
128 45.2 24.1 72.3
130 58.8 30.9 92.8

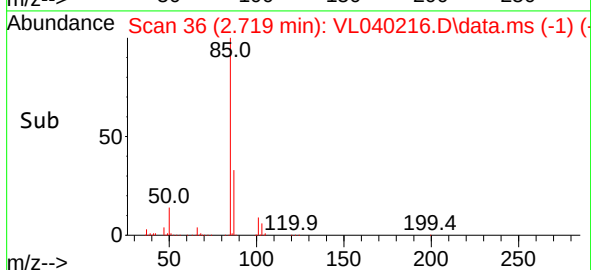
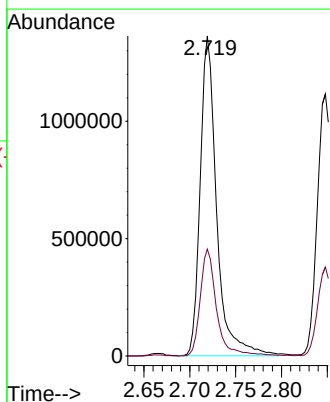
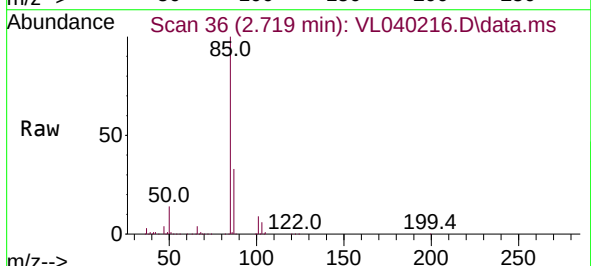
Manual Integrations
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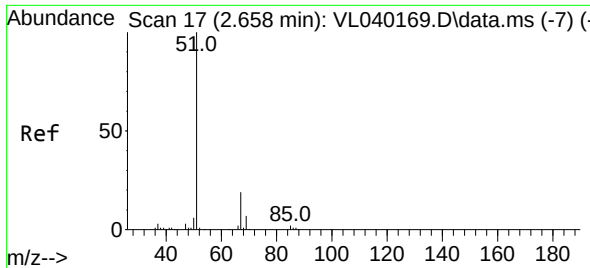
Reviewed By :Semsettin Yesilyurt 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#2
Dichlorodifluoromethane
Concen: 10.955 ppbv
RT: 2.719 min Scan# 36
Delta R.T. -0.010 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

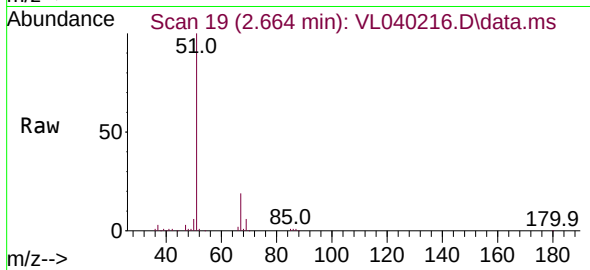
Tgt Ion: 85 Resp: 1697063
Ion Ratio Lower Upper
85 100
87 33.4 27.0 40.6





#3
Chlorodifluoromethane
Concen: 10.138 ppbv
RT: 2.664 min Scan# 19
Delta R.T. -0.010 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

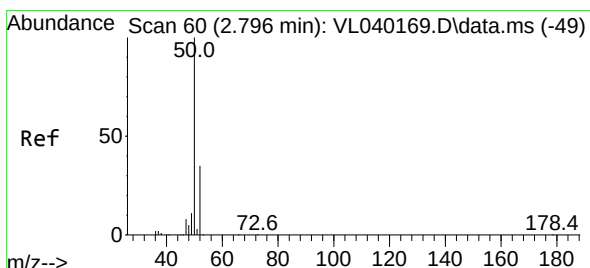
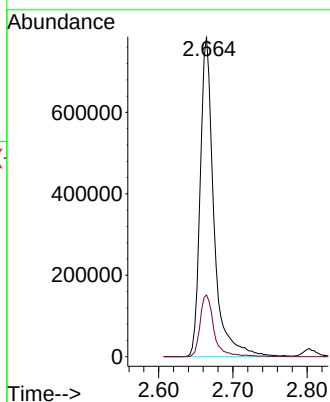
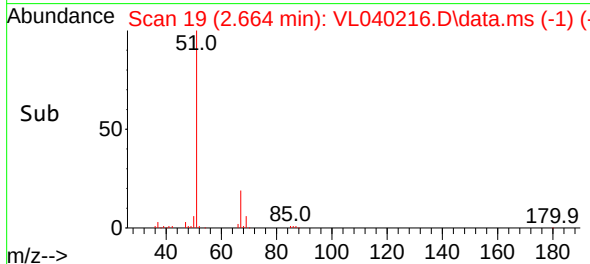
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



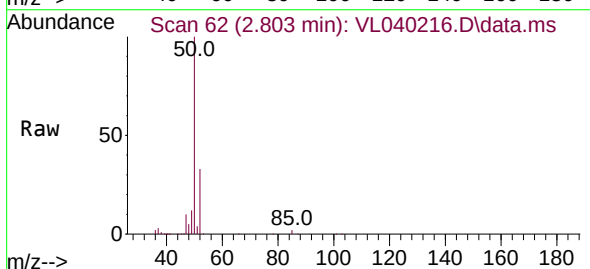
Tgt Ion: 51 Resp: 100659
Ion Ratio Lower Upper
51 100
67 19.8 15.4 23.2

Manual Integrations
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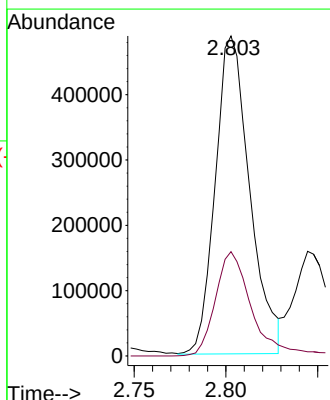
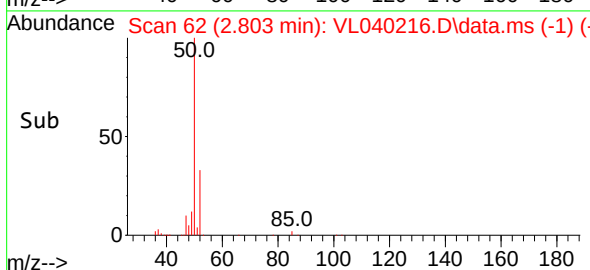
Reviewed By :Semsettin Yesilyurt 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

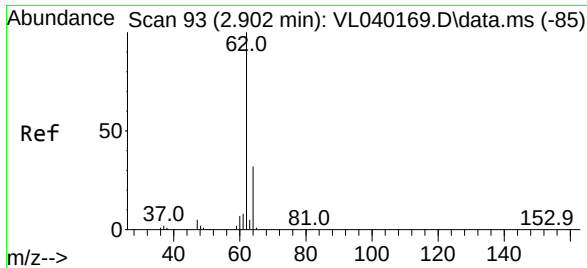


#4
Chloromethane
Concen: 10.181 ppbv
RT: 2.803 min Scan# 62
Delta R.T. -0.010 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18



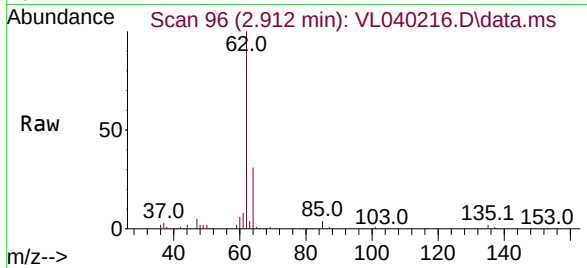
Tgt Ion: 50 Resp: 634947
Ion Ratio Lower Upper
50 100
52 32.9 28.3 42.5





#5
 Vinyl Chloride
 Concen: 11.055 ppbv
 RT: 2.912 min Scan# 90
 Delta R.T. -0.010 min
 Lab File: VL040216.D
 Acq: 23 Feb 2023 10:18

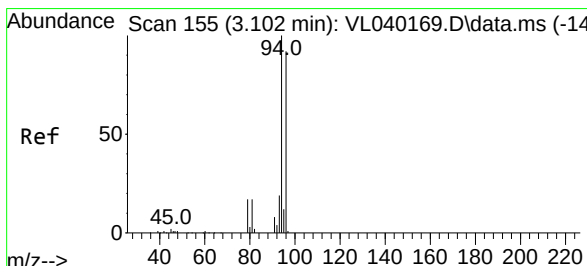
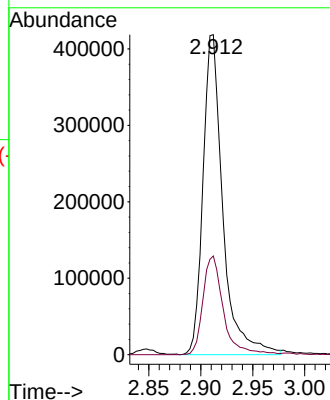
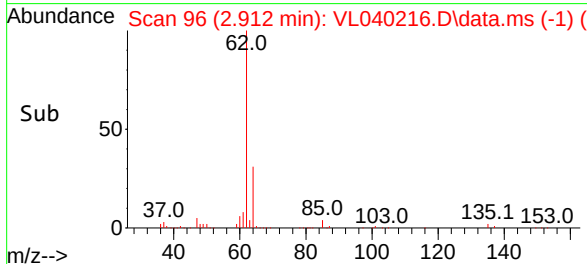
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 62 Resp: 55408
 Ion Ratio Lower Upper
 62 100
 64 30.8 25.6 38.4

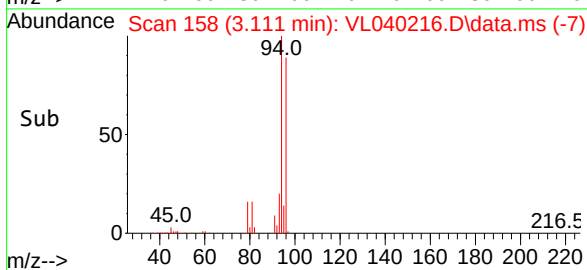
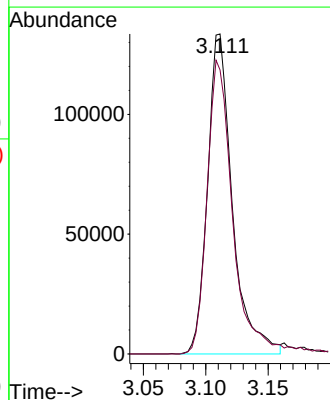
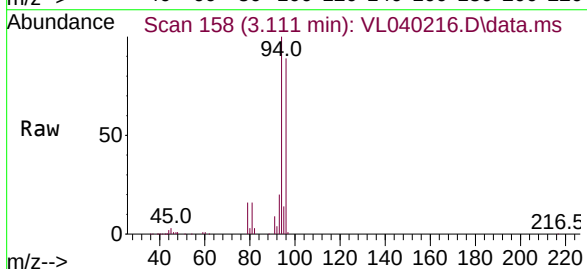
Manual Integrations
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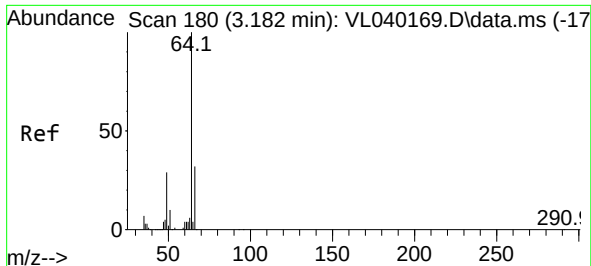
Reviewed By :Semsettin Yesilyurt 02/24/2023
 Supervised By :Mahesh Dadoda 02/24/2023



#6
 Bromomethane
 Concen: 10.232 ppbv
 RT: 3.111 min Scan# 158
 Delta R.T. -0.013 min
 Lab File: VL040216.D
 Acq: 23 Feb 2023 10:18

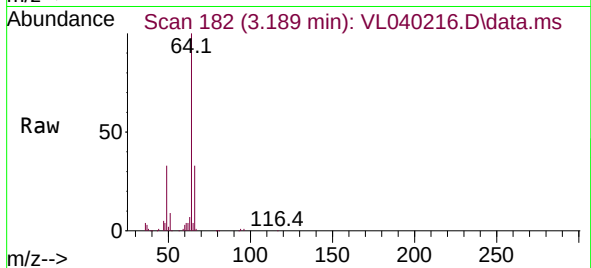
Tgt Ion: 94 Resp: 185092
 Ion Ratio Lower Upper
 94 100
 96 88.7 73.4 110.2





#7
Chloroethane
Concen: 10.113 ppbv
RT: 3.189 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

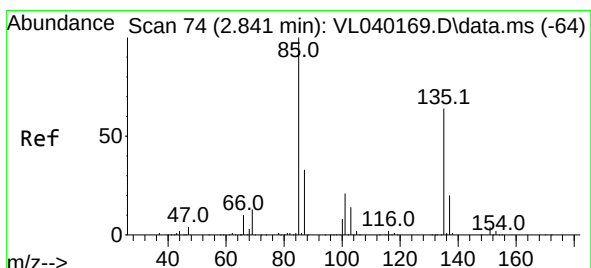
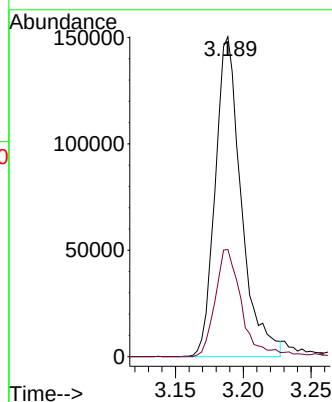
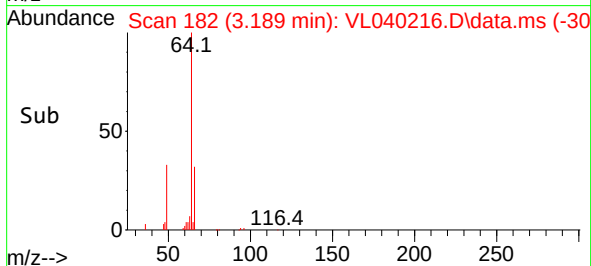
Instrument :
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Tgt Ion: 64 Resp: 20100
Ion Ratio Lower Upper
64 100
66 33.5 25.4 38.2

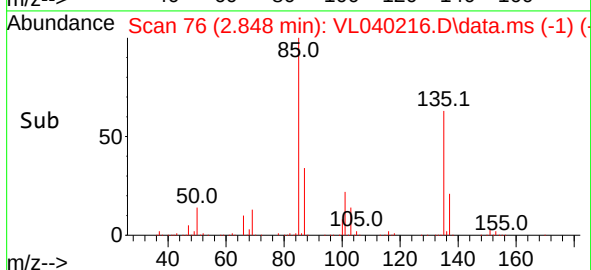
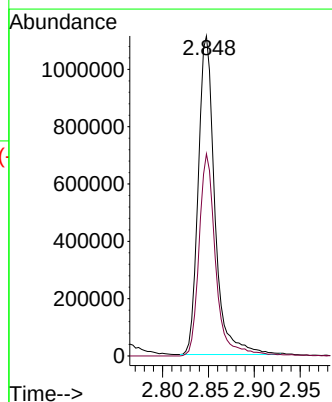
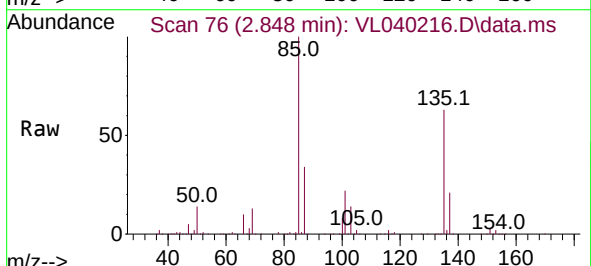
Manual Integrations
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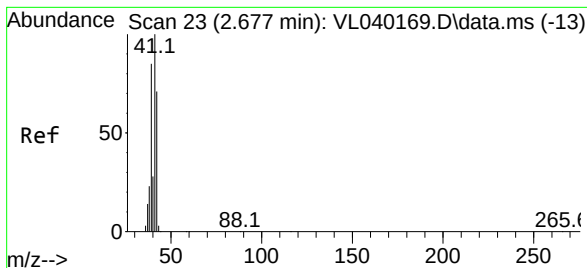
Reviewed By :Semsettin Yesilyurt 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#8
Dichlorotetrafluoroethane
Concen: 10.477 ppbv
RT: 2.848 min Scan# 76
Delta R.T. -0.010 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

Tgt Ion: 85 Resp: 1398541
Ion Ratio Lower Upper
85 100
135 64.2 51.5 77.3





#9

Propene

Concen: 10.062 ppbv

RT: 2.684 min Scan# 21

Delta R.T. -0.010 min

Lab File: VL040216.D

Acq: 23 Feb 2023 10:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 40722

Ion Ratio Lower Upper

41 100

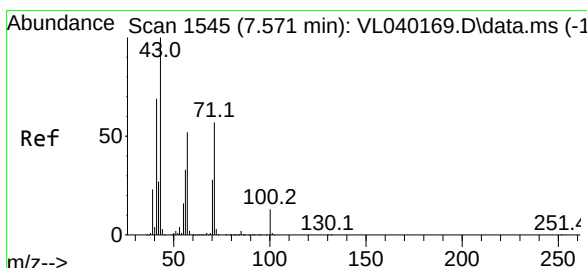
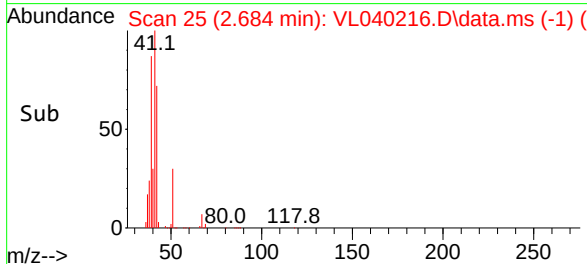
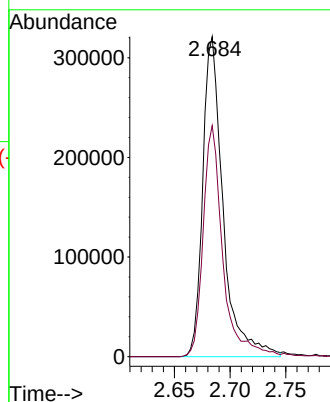
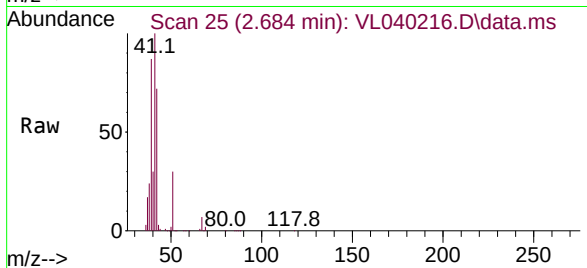
42 70.5 56.9 85.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/24/2023

Supervised By :Mahesh Dadoda 02/24/2023



#10

Heptane

Concen: 11.037 ppbv

RT: 7.581 min Scan# 1548

Delta R.T. -0.023 min

Lab File: VL040216.D

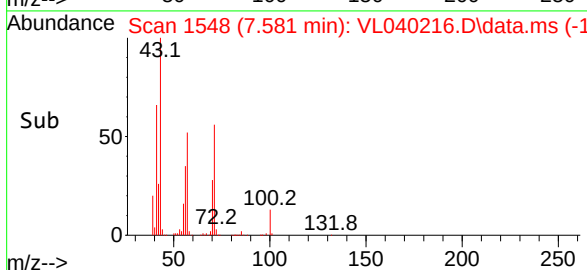
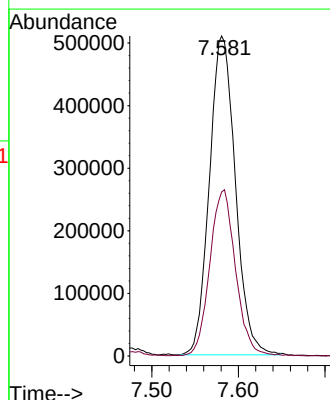
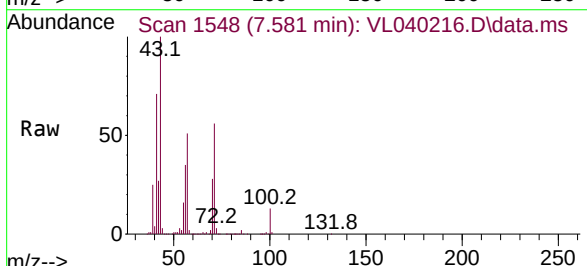
Acq: 23 Feb 2023 10:18

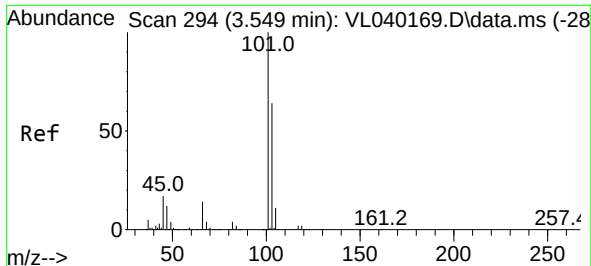
Tgt Ion: 43 Resp: 1063232

Ion Ratio Lower Upper

43 100

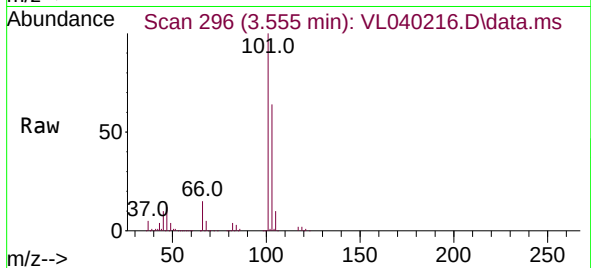
57 51.8 41.4 62.2





#11
 Trichlorofluoromethane
 Concen: 10.633 ppbv
 RT: 3.555 min Scan# 294
 Delta R.T. -0.013 min
 Lab File: VL040216.D
 Acq: 23 Feb 2023 10:18

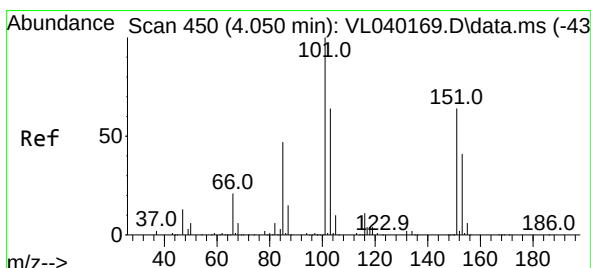
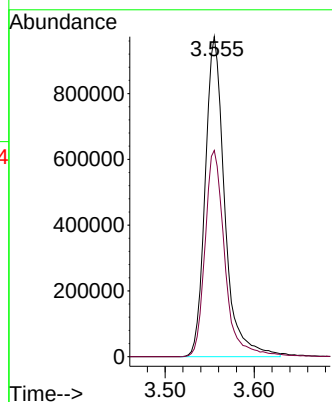
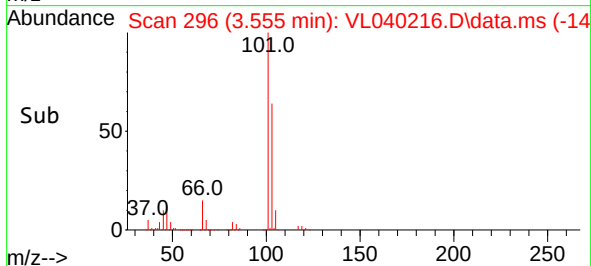
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



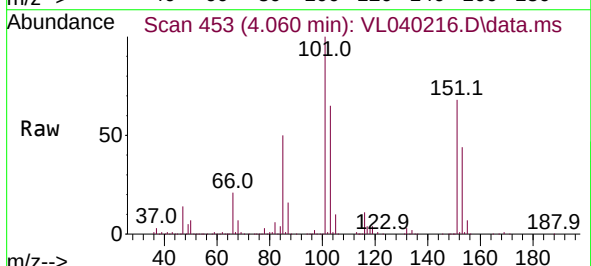
Tgt Ion:101 Resp: 147790
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.0 76.6

Manual Integrations
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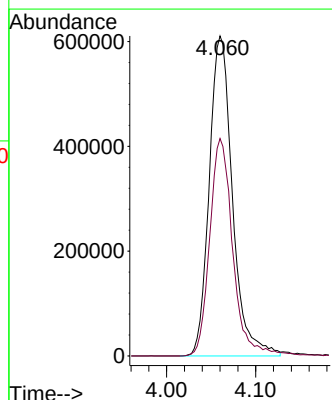
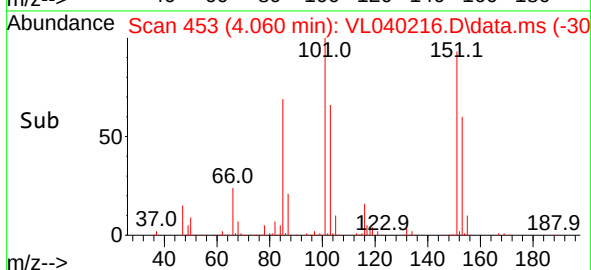
Reviewed By :Semsettin Yesilyurt 02/24/2023
 Supervised By :Mahesh Dadoda 02/24/2023

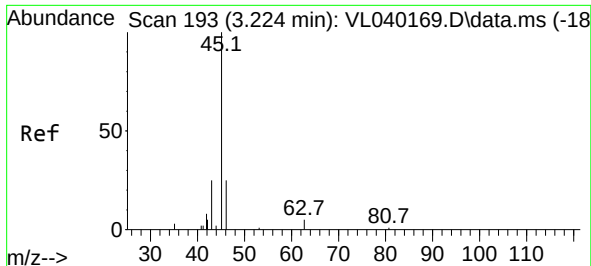


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.766 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. -0.013 min
 Lab File: VL040216.D
 Acq: 23 Feb 2023 10:18



Tgt Ion:101 Resp: 1103964
 Ion Ratio Lower Upper
 101 100
 151 67.9 54.7 82.1





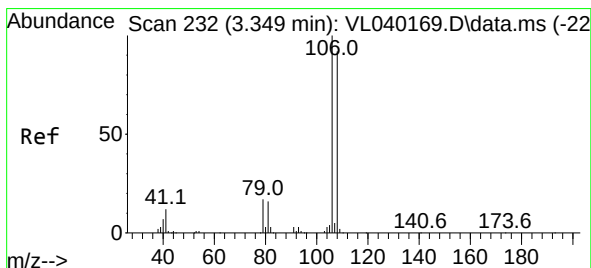
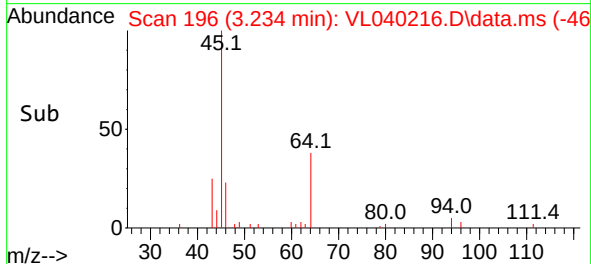
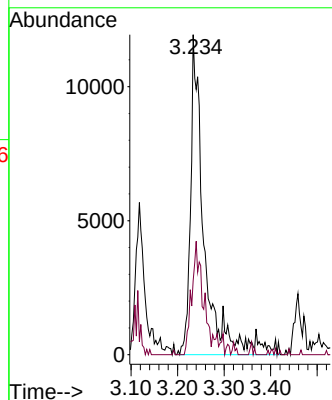
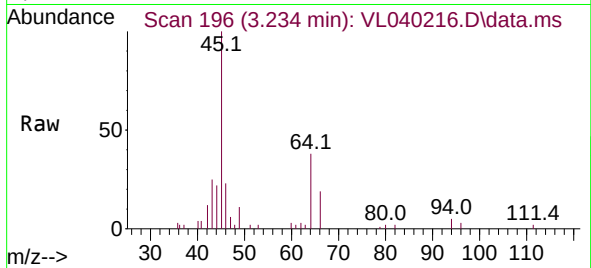
#13
Ethanol
Concen: 6.507 ppbv m
RT: 3.234 min Scan# 193
Delta R.T. -0.016 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 24240
Ion Ratio Lower Upper
45 100
46 32.5 13.3 53.1

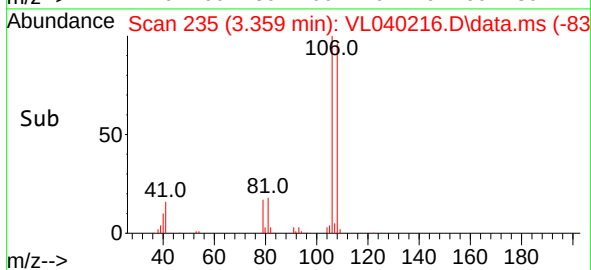
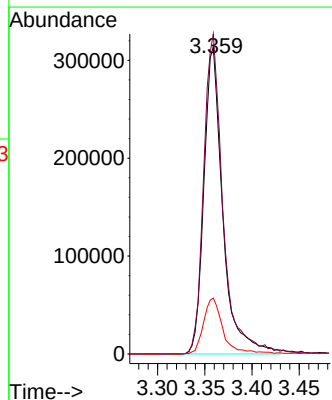
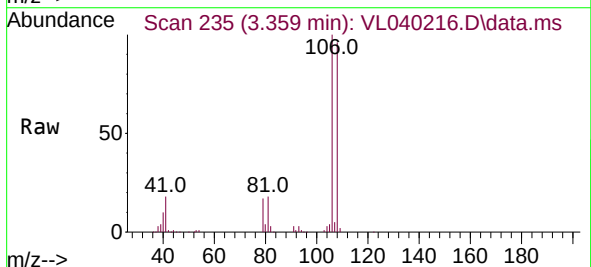
Manual Integrations
APPROVED

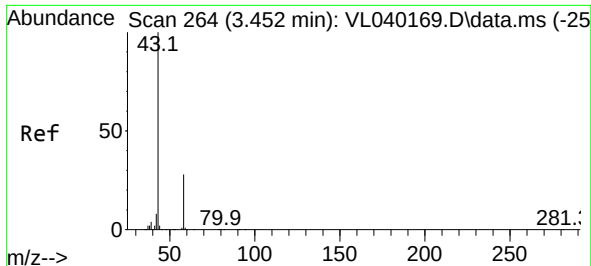
Reviewed By :Semsettin Yesilyurt 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#14
Bromoethene
Concen: 11.115 ppbv
RT: 3.359 min Scan# 235
Delta R.T. -0.010 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

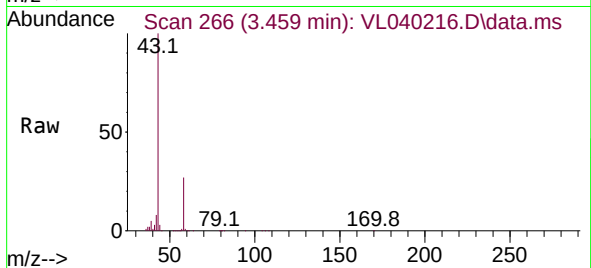
Tgt Ion:108 Resp: 437046
Ion Ratio Lower Upper
108 100
106 107.5 87.1 130.7
79 19.2 15.4 23.2





#15
Acetone
Concen: 9.665 ppbv
RT: 3.459 min Scan# 20
Delta R.T. -0.013 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

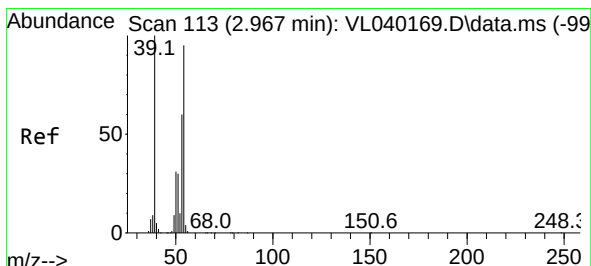
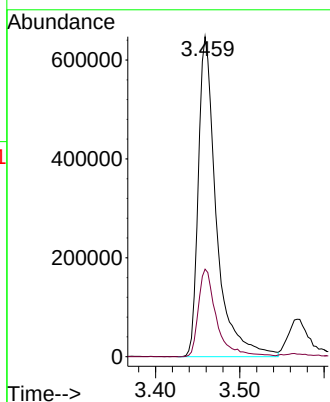
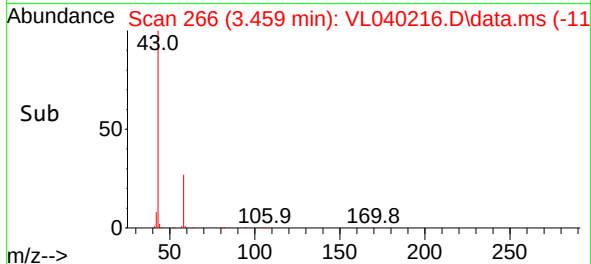
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 967139
Ion Ratio Lower Upper
43 100
58 27.6 22.4 33.6

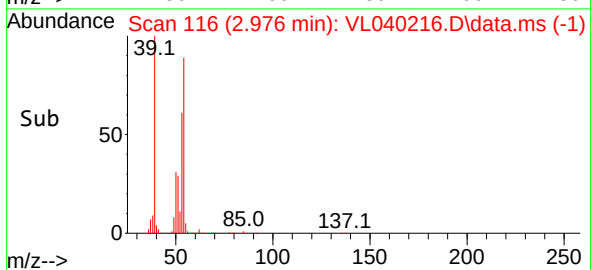
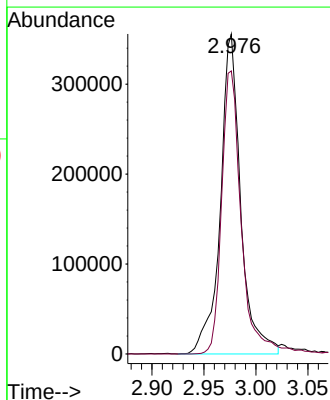
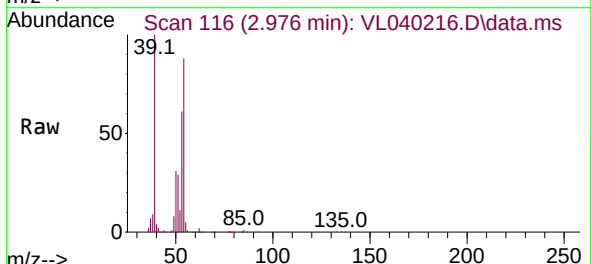
Manual Integrations
APPROVED

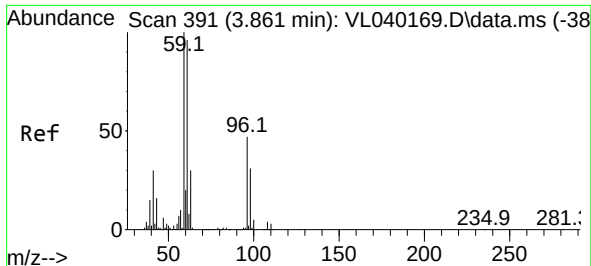
Reviewed By :Semsettin Yesilyurt 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#16
1,3-Butadiene
Concen: 10.665 ppbv
RT: 2.976 min Scan# 116
Delta R.T. -0.010 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

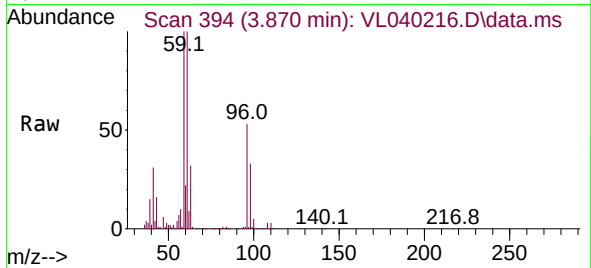
Tgt Ion: 39 Resp: 487404
Ion Ratio Lower Upper
39 100
54 86.3 66.7 100.1





#17
tert-Butyl alcohol
Concen: 10.997 ppbv
RT: 3.870 min Scan# 391
Delta R.T. -0.016 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

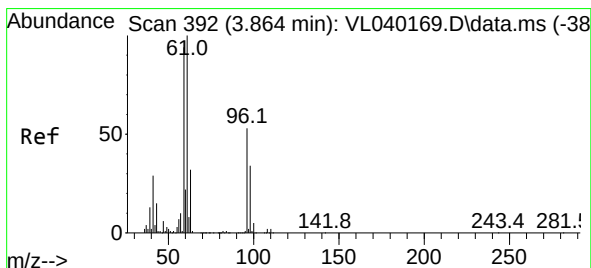
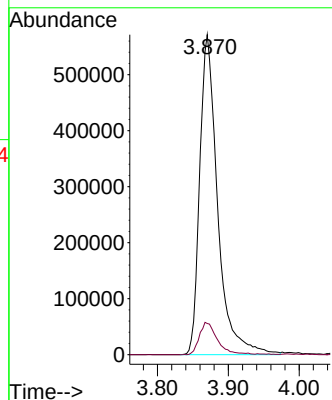
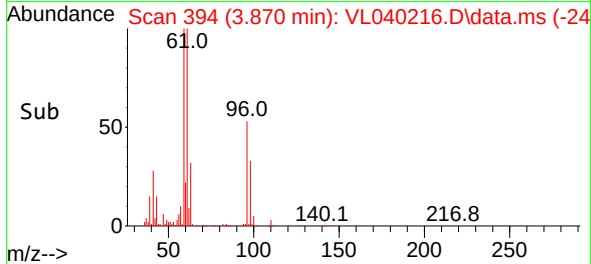
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



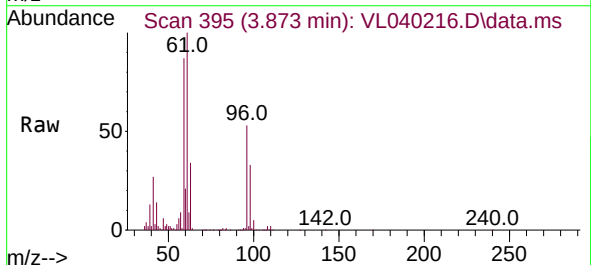
Tgt Ion: 59 Resp: 100366
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

Manual Integrations
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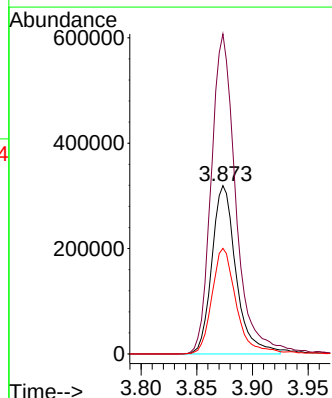
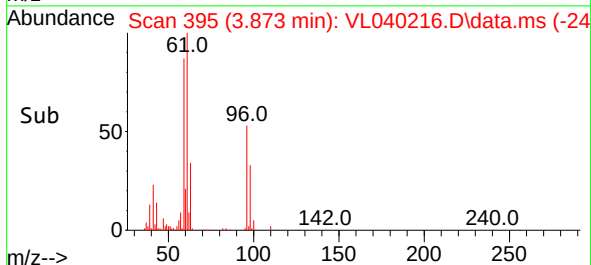
Reviewed By :Semsettin Yesilyurt 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

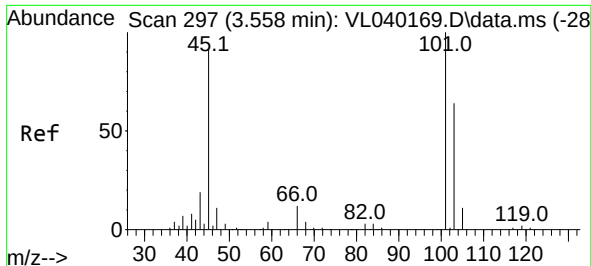


#18
1,1-Dichloroethene
Concen: 10.843 ppbv
RT: 3.873 min Scan# 395
Delta R.T. -0.013 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18



Tgt Ion: 96 Resp: 483107
Ion Ratio Lower Upper
96 100
61 190.1 149.6 224.4
98 62.8 51.1 76.7





#19

Isopropyl Alcohol

Concen: 9.446 ppbv

RT: 3.568 min Scan# 300

Delta R.T. -0.013 min

Lab File: VL040216.D

Acq: 23 Feb 2023 10:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 45 Resp: 449330

Ion Ratio Lower Upper

45 100

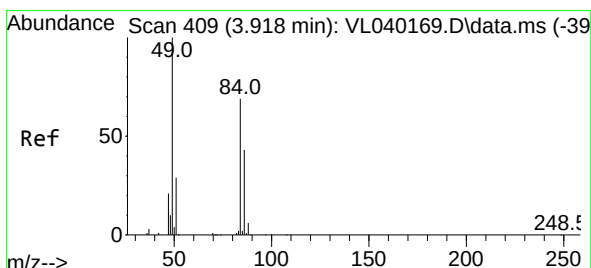
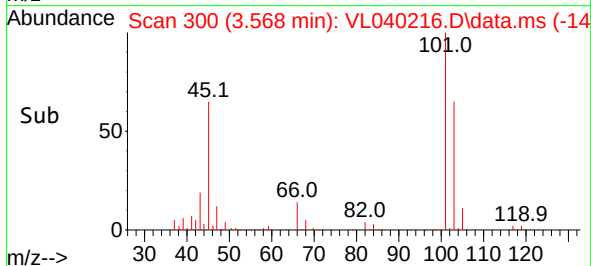
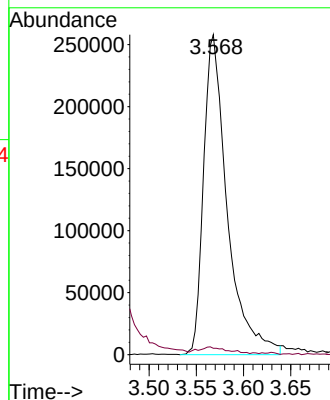
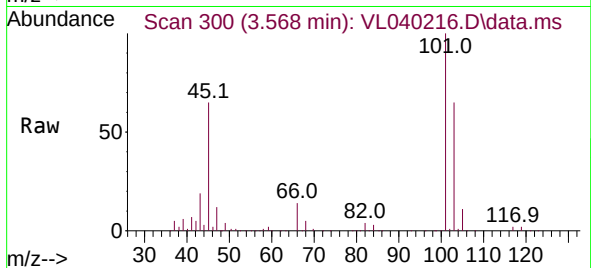
58 3.0 2.6 3.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/24/2023

Supervised By :Mahesh Dadoda 02/24/2023



#20

Methylene Chloride

Concen: 7.825 ppbv

RT: 3.925 min Scan# 411

Delta R.T. -0.013 min

Lab File: VL040216.D

Acq: 23 Feb 2023 10:18

Tgt Ion: 84 Resp: 407634

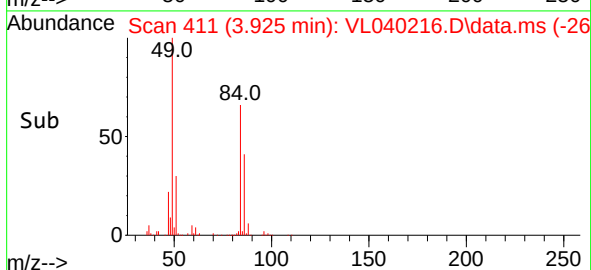
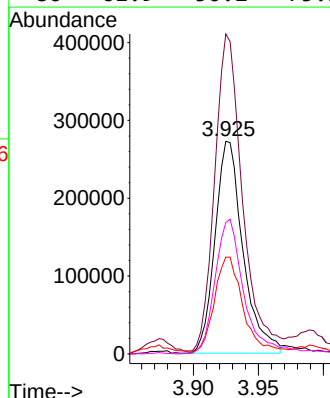
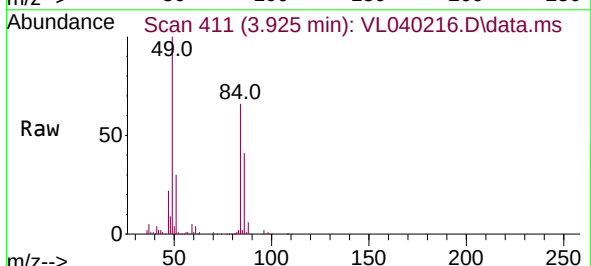
Ion Ratio Lower Upper

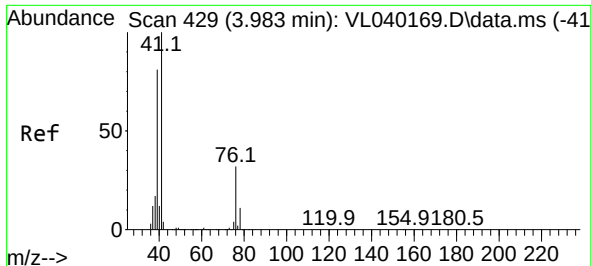
84 100

49 148.7 115.5 173.3

51 44.1 33.1 49.7

86 61.9 50.2 75.2





#21

Allyl Chloride

Concen: 10.988 ppbv

RT: 3.989 min Scan# 41

Delta R.T. -0.013 min

Lab File: VL040216.D

Acq: 23 Feb 2023 10:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 674439

Ion Ratio Lower Upper

41 100

76 32.6 25.5 38.3

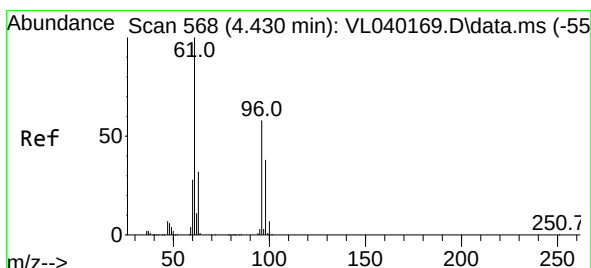
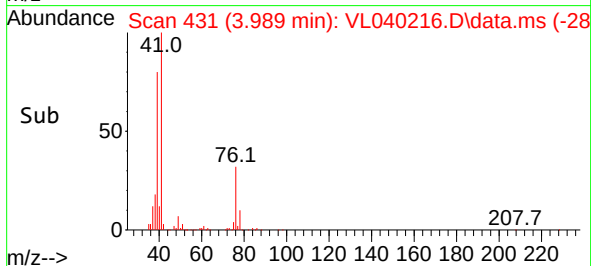
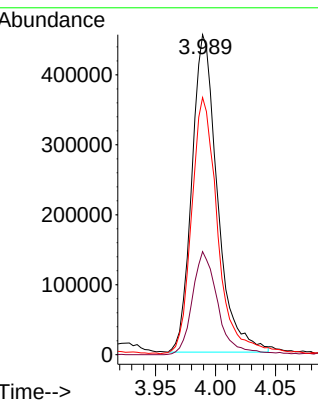
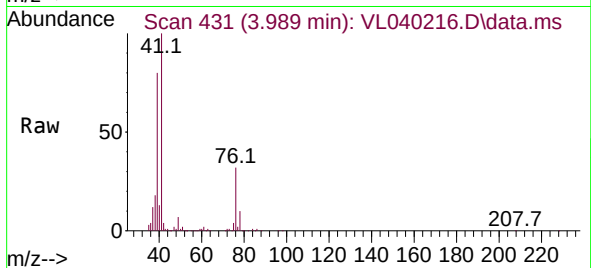
39 82.8 64.5 96.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/24/2023

Supervised By :Mahesh Dadoda 02/24/2023



#22

trans-1,2-Dichloroethene

Concen: 10.858 ppbv

RT: 4.439 min Scan# 571

Delta R.T. -0.016 min

Lab File: VL040216.D

Acq: 23 Feb 2023 10:18

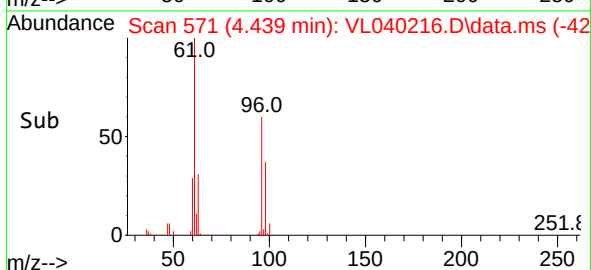
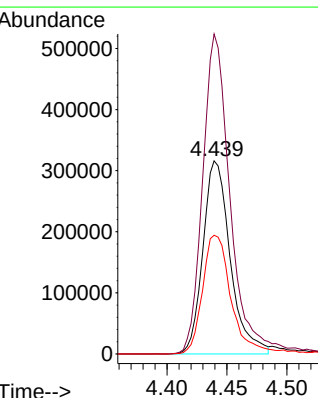
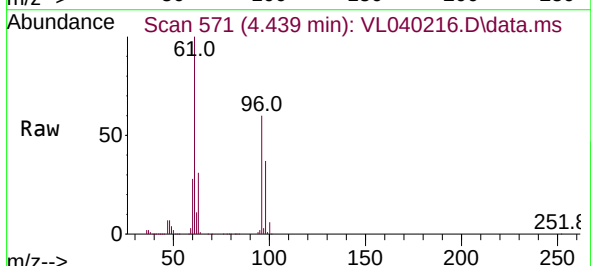
Tgt Ion: 96 Resp: 500950

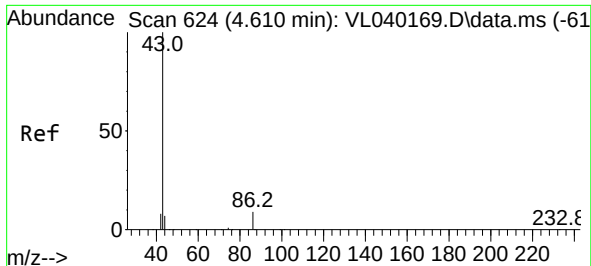
Ion Ratio Lower Upper

96 100

61 165.7 137.5 206.3

98 61.5 52.8 79.2





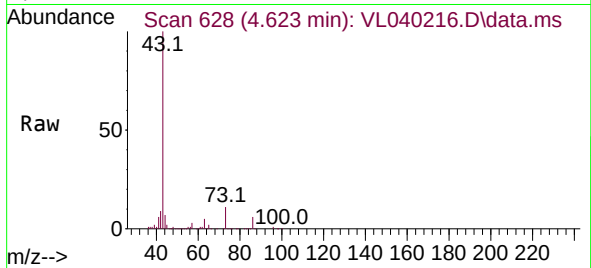
#23
 Vinyl Acetate
 Concen: 10.648 ppbv
 RT: 4.623 min Scan# 61
 Delta R.T. -0.016 min
 Lab File: VL040216.D
 Acq: 23 Feb 2023 10:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

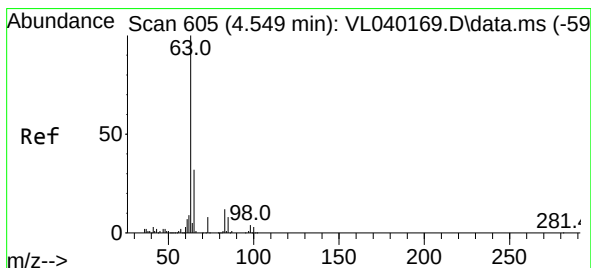
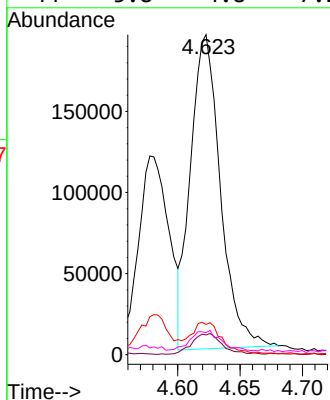
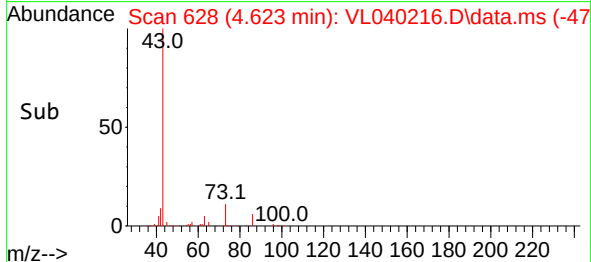


Tgt Ion: 43 Resp: 323372
 Ion Ratio Lower Upper
 43 100
 86 6.0 5.6 8.4
 42 9.4 7.6 11.4
 44 5.8 4.8 7.2

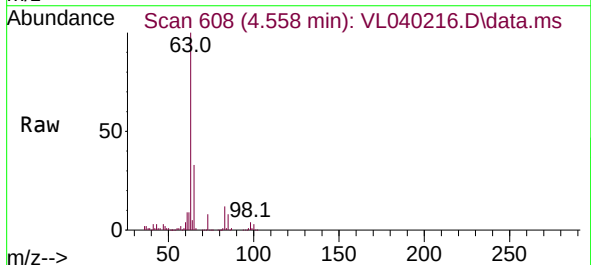
Manual Integrations

APPROVED

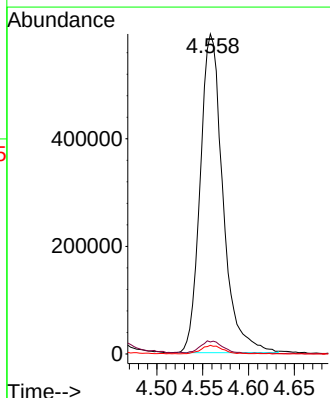
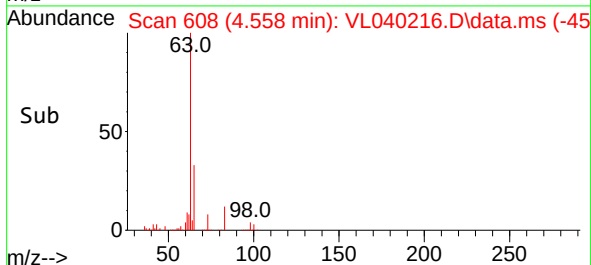
Reviewed By :Semsettin Yesilyurt 02/24/2023
 Supervised By :Mahesh Dadoda 02/24/2023

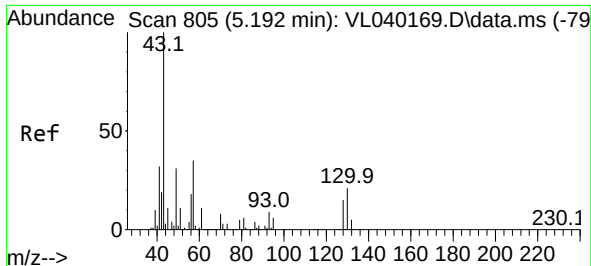


#24
 1,1-Dichloroethane
 Concen: 10.730 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. -0.016 min
 Lab File: VL040216.D
 Acq: 23 Feb 2023 10:18



Tgt Ion: 63 Resp: 1018545
 Ion Ratio Lower Upper
 63 100
 98 3.7 2.3 6.8
 100 2.7 1.4 4.0





#25

Ethyl Acetate

Concen: 10.281 ppbv

RT: 5.201 min Scan# 80

Delta R.T. -0.016 min

Lab File: VL040216.D

Acq: 23 Feb 2023 10:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 1912518

Ion Ratio Lower Upper

43 100

45 10.4 8.3 12.5

61 10.3 8.4 12.6

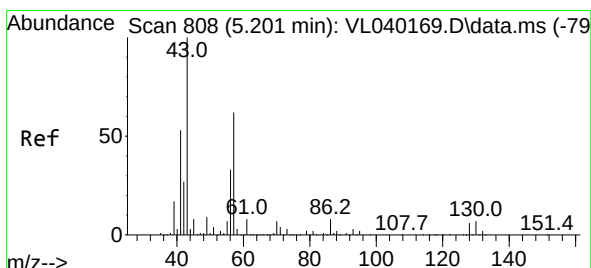
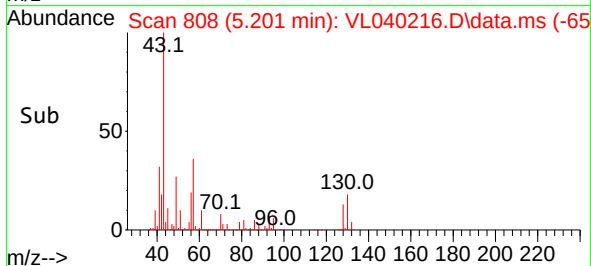
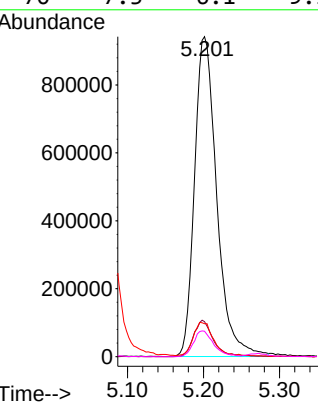
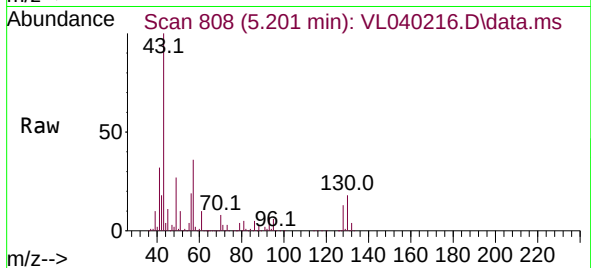
70 7.3 6.1 9.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/24/2023

Supervised By :Mahesh Dadoda 02/24/2023



#26

Hexane

Concen: 10.104 ppbv

RT: 5.211 min Scan# 811

Delta R.T. -0.013 min

Lab File: VL040216.D

Acq: 23 Feb 2023 10:18

Tgt Ion: 57 Resp: 806908

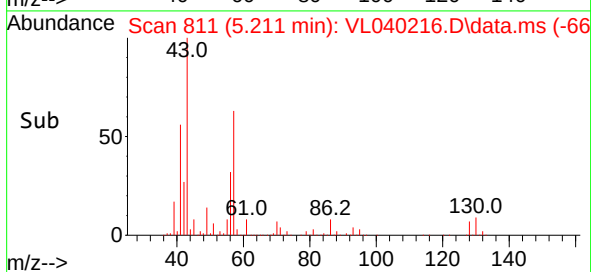
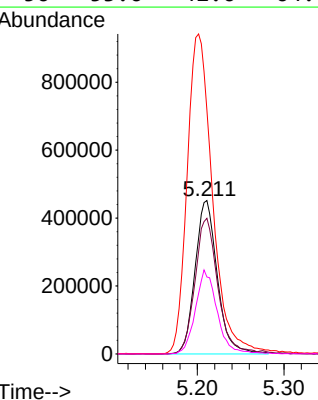
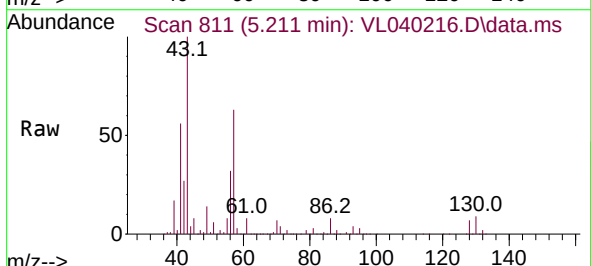
Ion Ratio Lower Upper

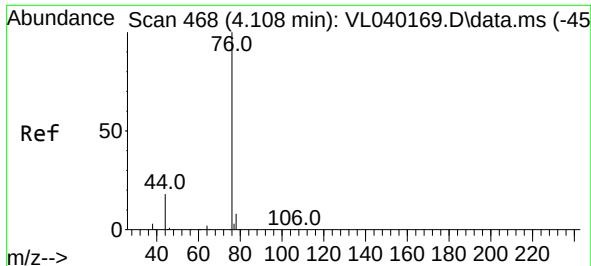
57 100

41 92.2 74.3 111.5

43 238.8 193.0 289.4

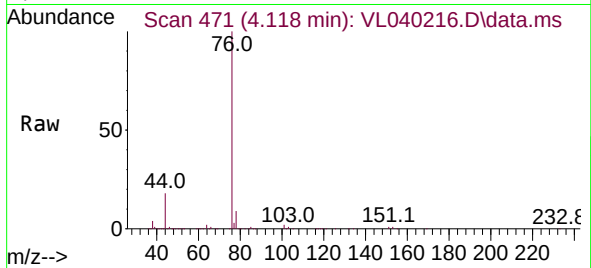
56 53.6 42.6 64.0





#27
Carbon Disulfide
Concen: 11.712 ppbv
RT: 4.118 min Scan# 411
Delta R.T. -0.013 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

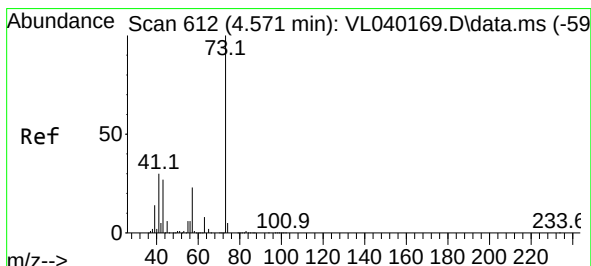
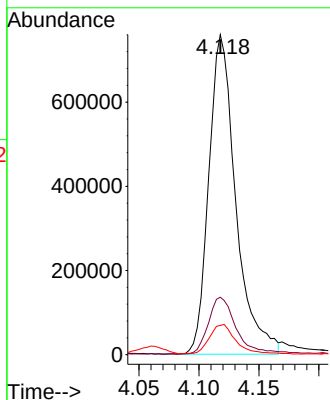
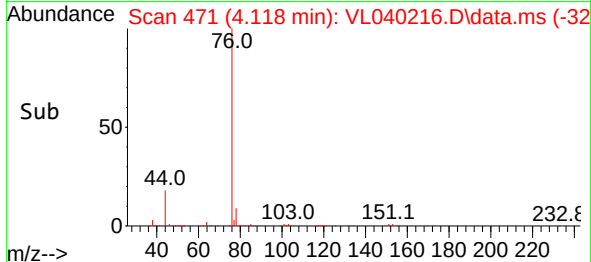
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 1186829
Ion Ratio Lower Upper
76 100
44 18.9 15.3 22.9
78 9.8 7.7 11.5

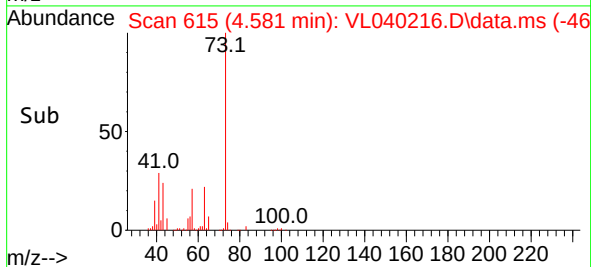
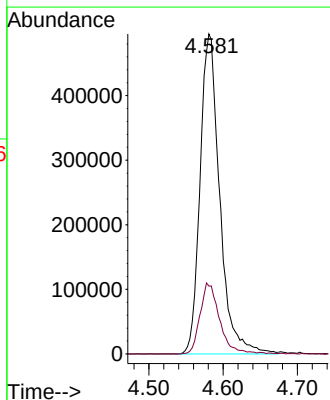
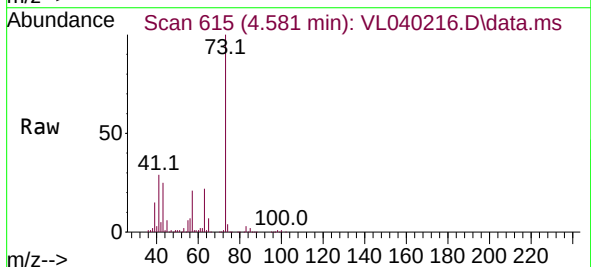
Manual Integrations
APPROVED

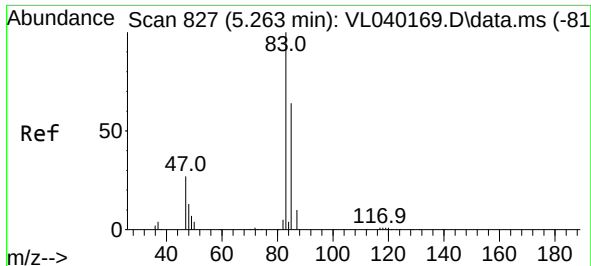
Reviewed By :Semsettin Yesilyurt 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#28
Methyl tert-Butyl Ether
Concen: 10.630 ppbv
RT: 4.581 min Scan# 615
Delta R.T. -0.016 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

Tgt Ion: 73 Resp: 909595
Ion Ratio Lower Upper
73 100
57 22.3 18.8 28.2





#29

Chloroform

Concen: 10.154 ppbv

RT: 5.272 min Scan# 81

Delta R.T. -0.016 min

Lab File: VL040216.D

Acq: 23 Feb 2023 10:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 139238

Ion Ratio Lower Upper

83 100

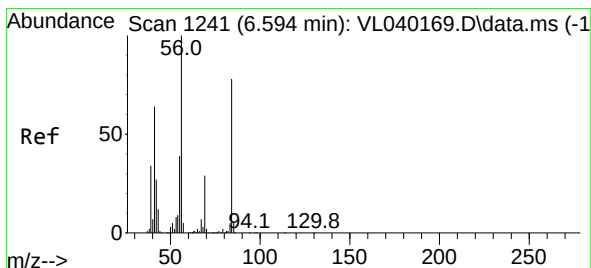
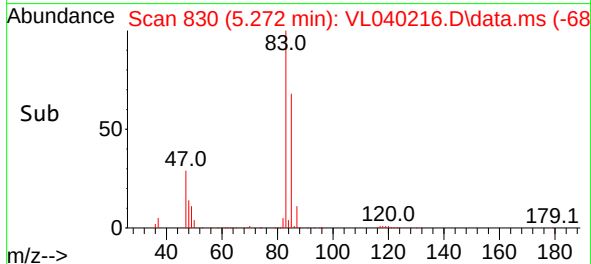
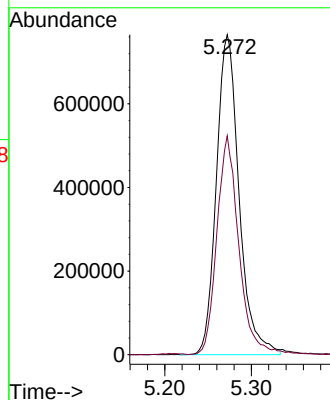
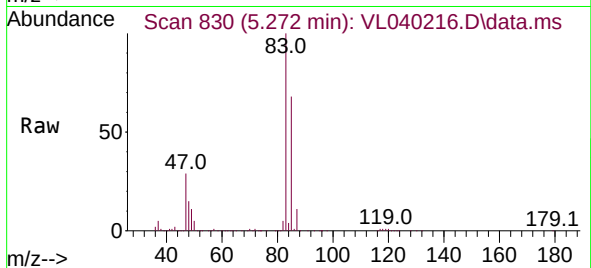
85 68.1 51.5 77.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/24/2023

Supervised By :Mahesh Dadoda 02/24/2023



#30

Cyclohexane

Concen: 10.895 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. -0.023 min

Lab File: VL040216.D

Acq: 23 Feb 2023 10:18

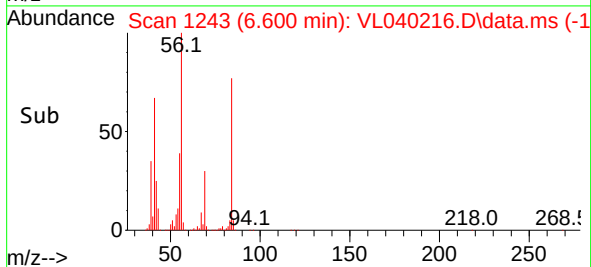
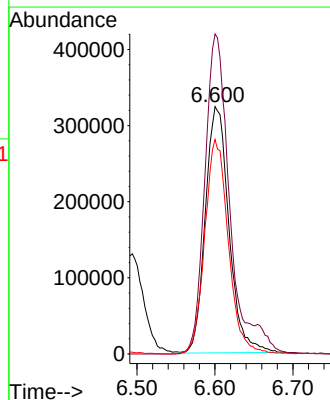
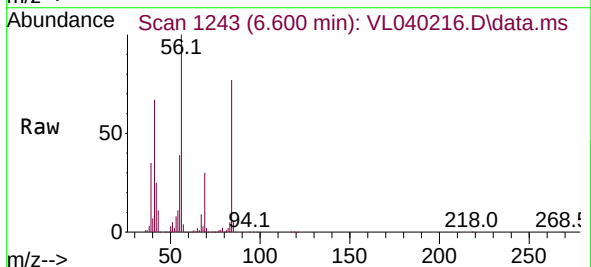
Tgt Ion: 84 Resp: 683206

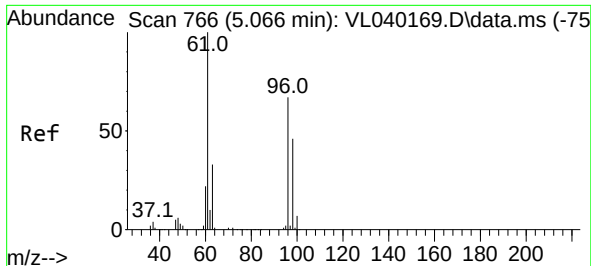
Ion Ratio Lower Upper

84 100

56 137.7 109.9 164.9

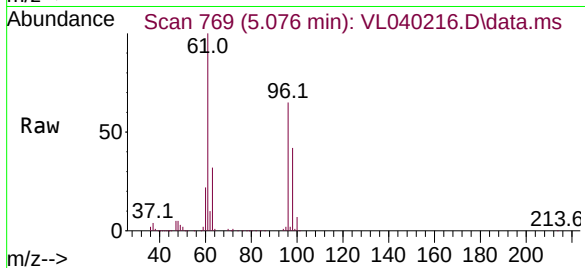
41 87.1 67.8 101.6





#31
 cis-1,2-Dichloroethene
 Concen: 10.247 ppbv
 RT: 5.076 min Scan# 766
 Delta R.T. -0.016 min
 Lab File: VL040216.D
 Acq: 23 Feb 2023 10:18

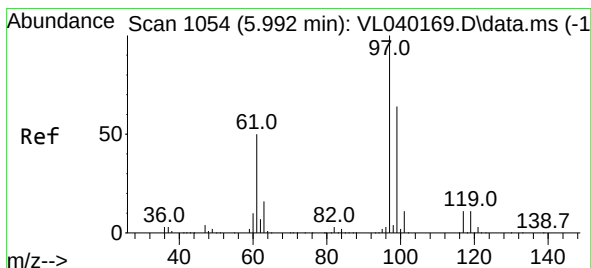
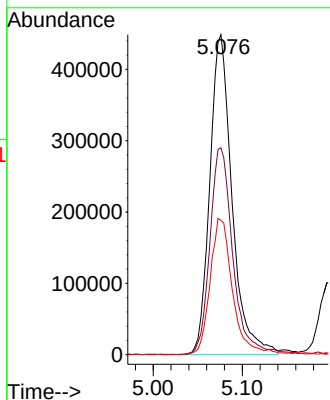
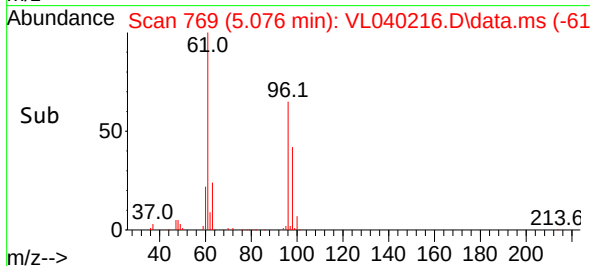
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



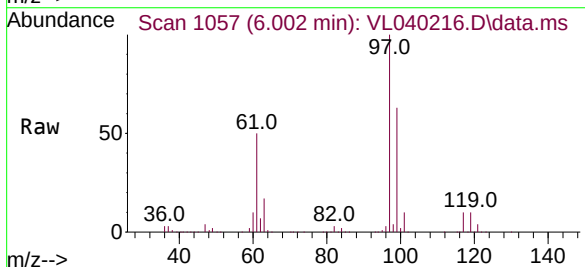
Tgt Ion: 61 Resp: 777542
 Ion Ratio Lower Upper
 61 100
 96 64.7 53.7 80.5
 98 42.0 36.4 54.6

Manual Integrations
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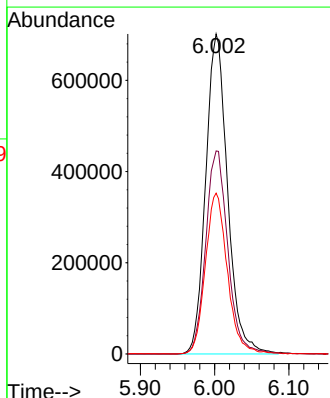
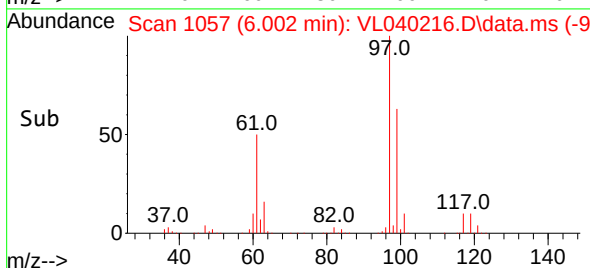
Reviewed By :Semsettin Yesilyurt 02/24/2023
 Supervised By :Mahesh Dadoda 02/24/2023

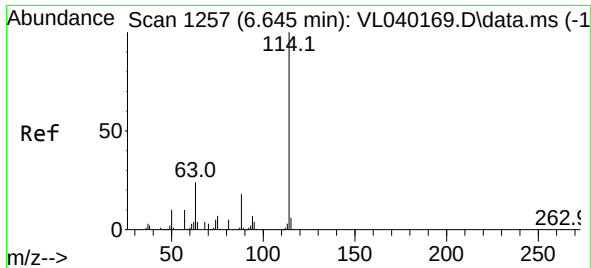


#32
 1,1,1-Trichloroethane
 Concen: 11.126 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. -0.019 min
 Lab File: VL040216.D
 Acq: 23 Feb 2023 10:18



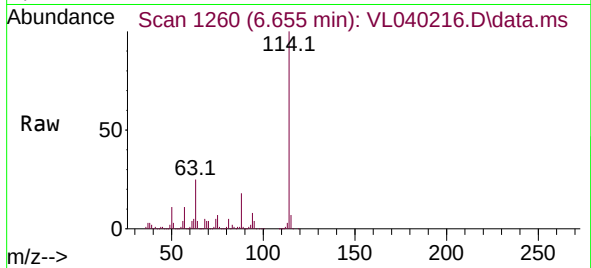
Tgt Ion: 97 Resp: 1433456
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.5 77.3
 61 50.8 40.6 60.8





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 114
Delta R.T. -0.019 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

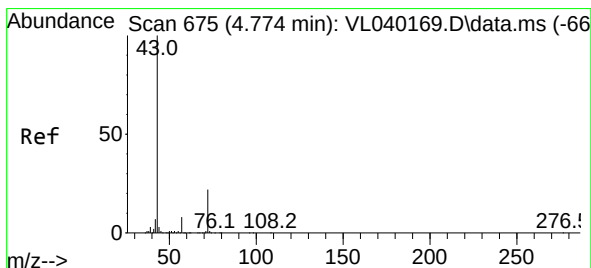
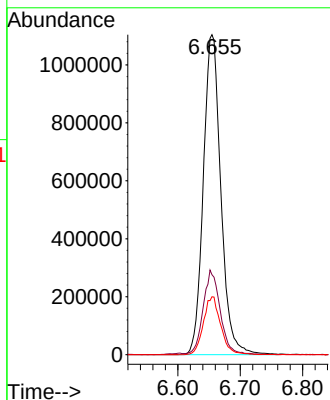
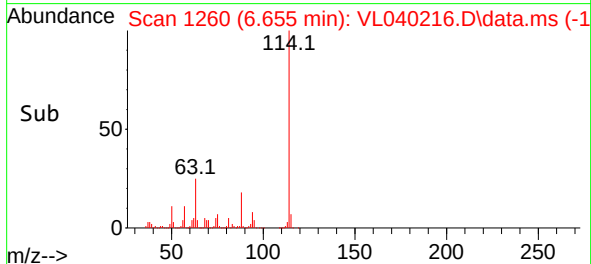
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



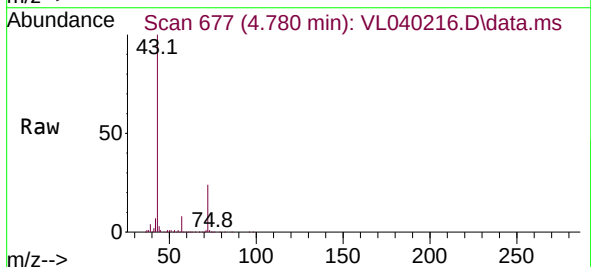
Tgt Ion:114 Resp: 2160254
Ion Ratio Lower Upper
114 100
63 26.2 20.4 30.6
88 17.9 14.3 21.5

Manual Integrations
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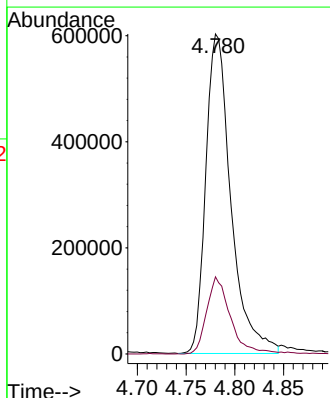
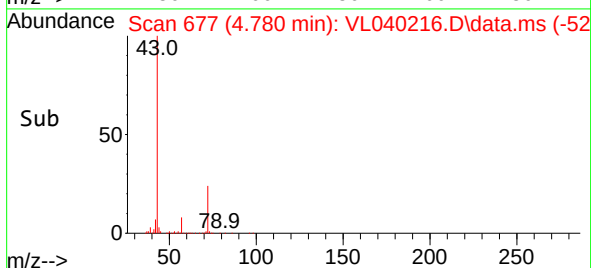
Reviewed By :Semsettin Yesilyurt 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

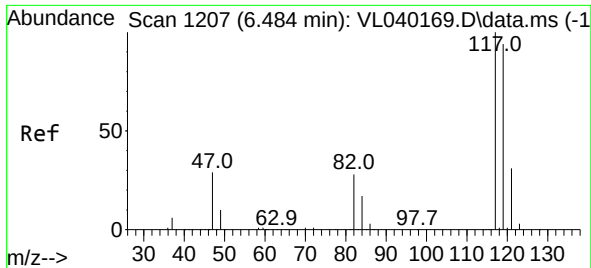


#34
2-Butanone
Concen: 10.142 ppbv
RT: 4.780 min Scan# 677
Delta R.T. -0.016 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18



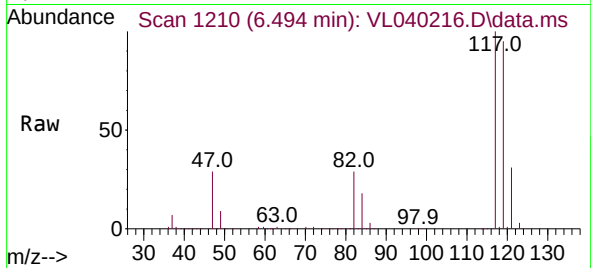
Tgt Ion: 43 Resp: 1080746
Ion Ratio Lower Upper
43 100
72 23.2 17.8 26.8





#35
Carbon Tetrachloride
Concen: 11.615 ppbv
RT: 6.494 min Scan# 1172
Delta R.T. -0.019 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

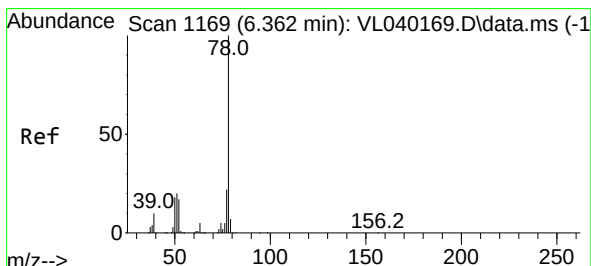
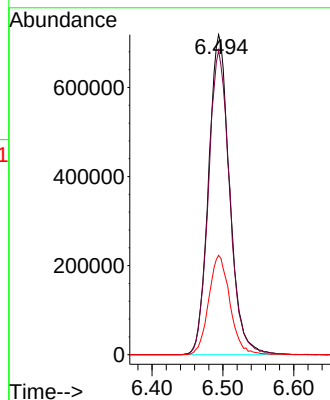
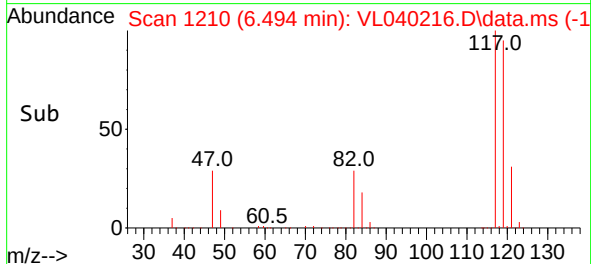
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



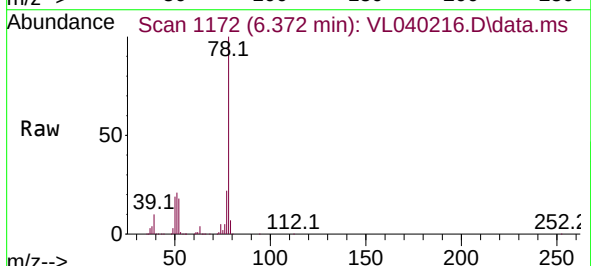
Tgt Ion:117 Resp: 1483298
Ion Ratio Lower Upper
117 100
119 95.1 75.0 112.6
121 31.0 25.0 37.4

Manual Integrations
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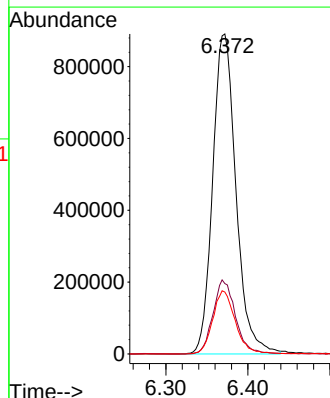
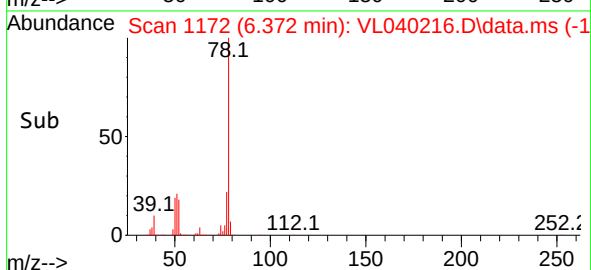
Reviewed By :Semsettin Yesilyurt 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

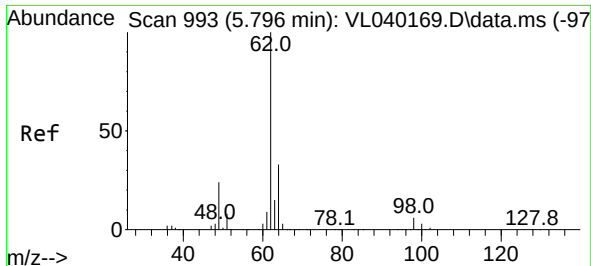


#36
Benzene
Concen: 10.437 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. -0.016 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18



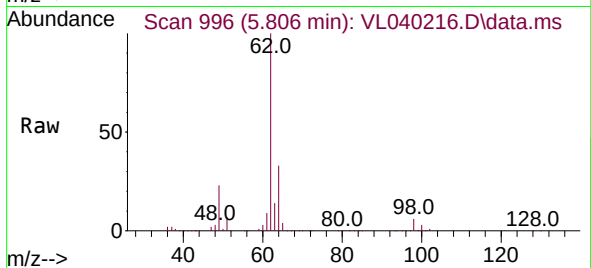
Tgt Ion: 78 Resp: 1754616
Ion Ratio Lower Upper
78 100
77 22.0 17.5 26.3
50 19.4 14.6 22.0





#37
1,2-Dichloroethane
Concen: 10.530 ppbv
RT: 5.806 min Scan# 996
Delta R.T. -0.016 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

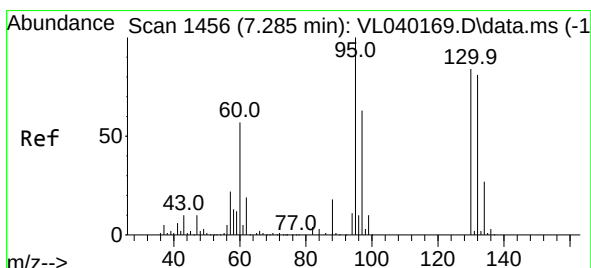
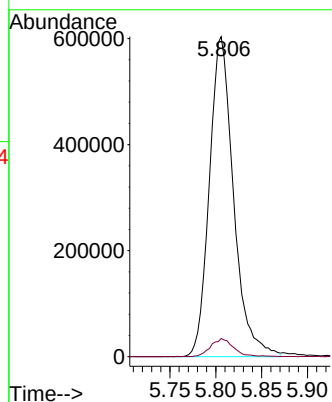
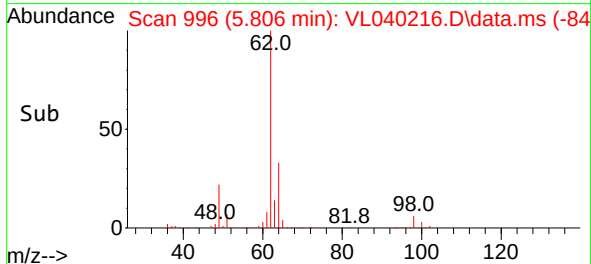
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



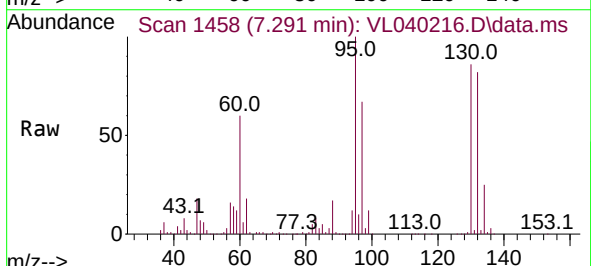
Tgt Ion: 62 Resp: 1107209
Ion Ratio Lower Upper
62 100
98 5.6 4.7 7.1

Manual Integrations
APPROVED

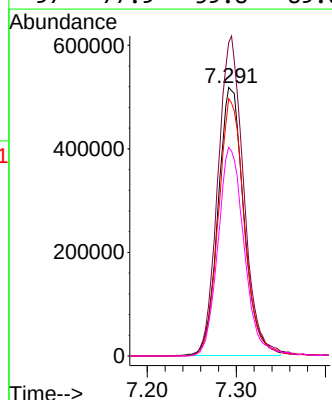
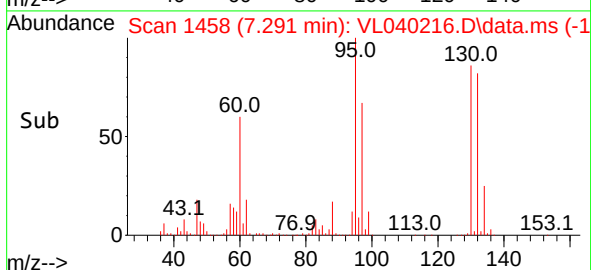
Reviewed By :Semsettin Yesilyurt 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

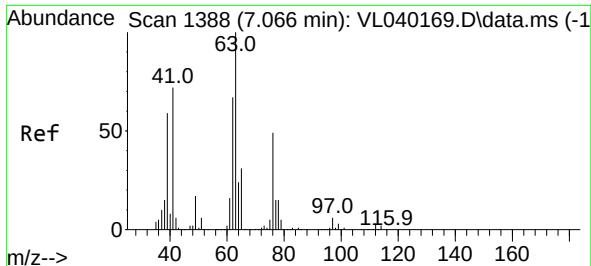


#38
Trichloroethene
Concen: 11.241 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. -0.023 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18



Tgt Ion:130 Resp: 1041351
Ion Ratio Lower Upper
130 100
95 117.0 94.7 142.1
132 96.0 76.4 114.6
97 77.9 59.8 89.6





#39

1,2-Dichloropropane

Concen: 10.245 ppbv

RT: 7.076 min Scan# 11

Delta R.T. -0.019 min

Lab File: VL040216.D

Acq: 23 Feb 2023 10:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 670039

Ion Ratio Lower Upper

63 100

41 78.2 57.6 86.4

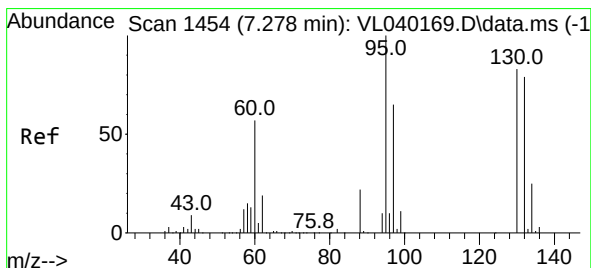
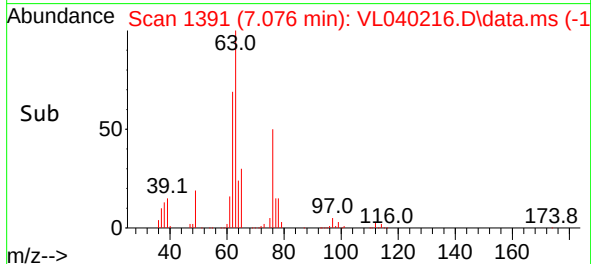
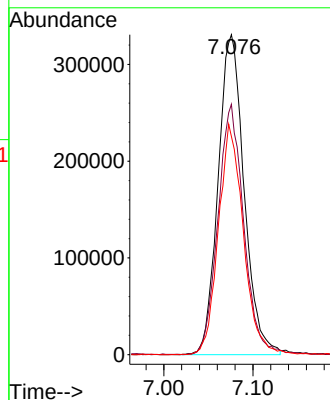
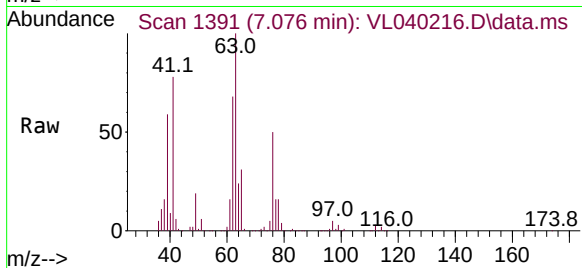
62 68.2 54.0 81.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/24/2023

Supervised By :Mahesh Dadoda 02/24/2023



#40

1,4-Dioxane

Concen: 9.446 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. -0.019 min

Lab File: VL040216.D

Acq: 23 Feb 2023 10:18

Tgt Ion: 88 Resp: 247111

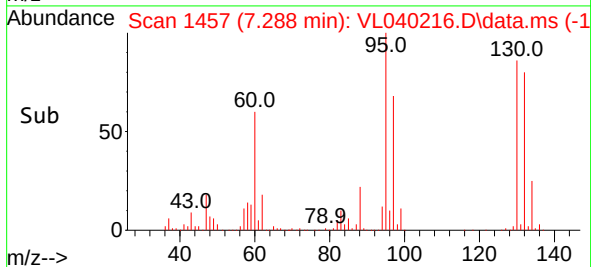
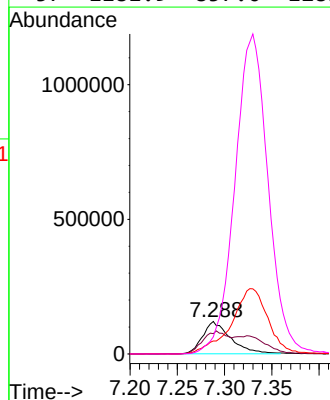
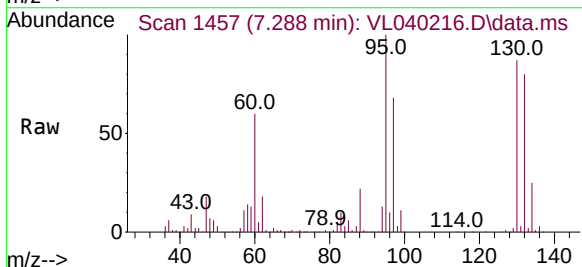
Ion Ratio Lower Upper

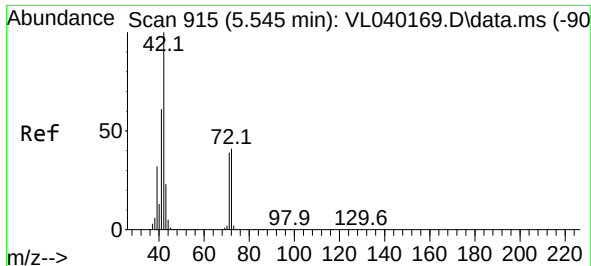
88 100

58 127.7 97.4 146.0

43 266.4 193.5 290.3

57 1181.9 857.0 1285.6





#41

Tetrahydrofuran

Concen: 10.646 ppbv

RT: 5.555 min Scan# 915

Delta R.T. -0.016 min

Lab File: VL040216.D

Acq: 23 Feb 2023 10:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 42 Resp: 65742

Ion Ratio Lower Upper

42 100

72 40.5 33.0 49.4

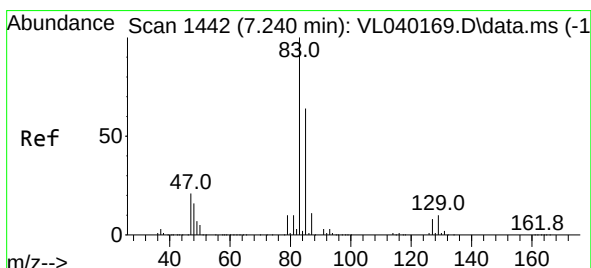
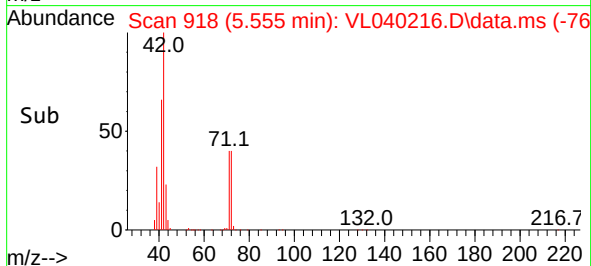
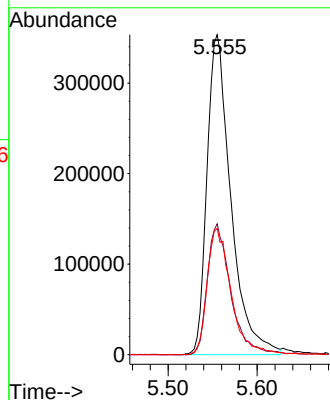
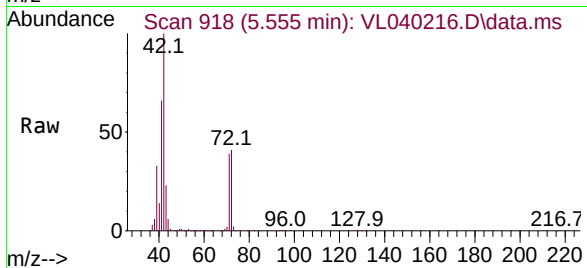
71 39.9 31.4 47.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/24/2023

Supervised By :Mahesh Dadoda 02/24/2023



#42

Bromodichloromethane

Concen: 10.961 ppbv

RT: 7.253 min Scan# 1446

Delta R.T. -0.016 min

Lab File: VL040216.D

Acq: 23 Feb 2023 10:18

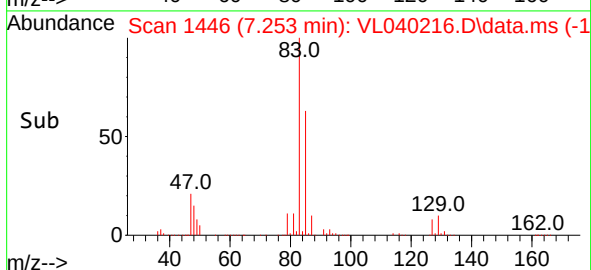
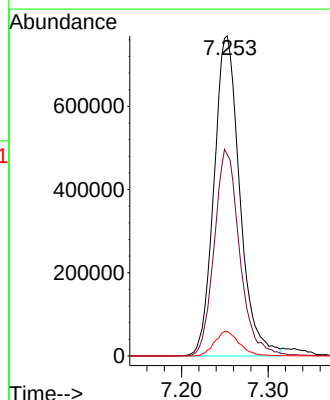
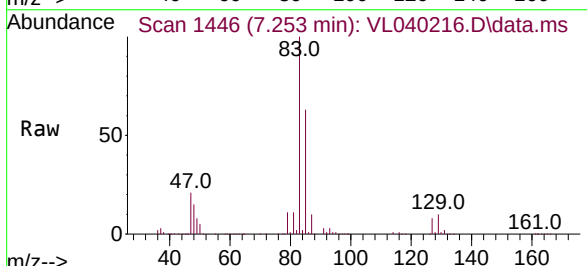
Tgt Ion: 83 Resp: 1590708

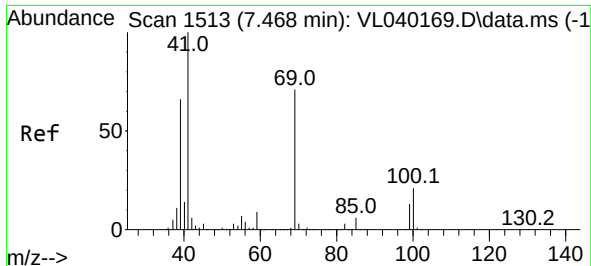
Ion Ratio Lower Upper

83 100

85 62.9 50.9 76.3

127 7.6 6.2 9.2





#43

Methyl Methacrylate

Concen: 11.146 ppbv

RT: 7.478 min Scan# 1

Delta R.T. -0.016 min

Lab File: VL040216.D

Acq: 23 Feb 2023 10:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 69 Resp: 693354

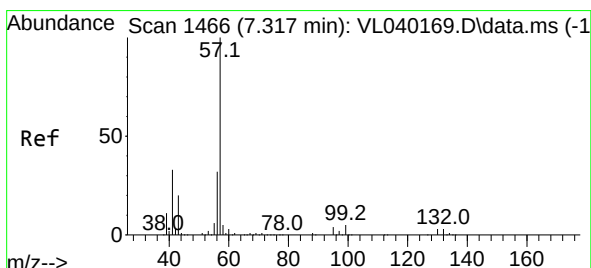
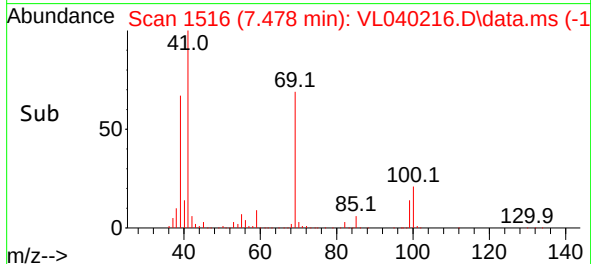
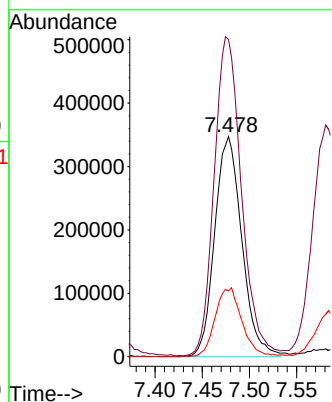
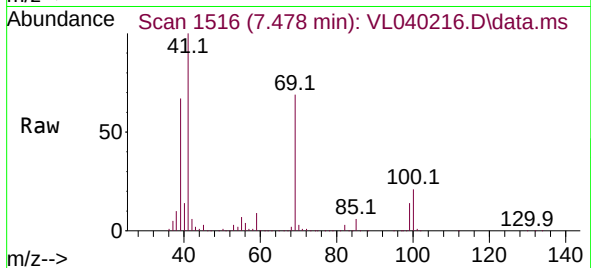
Ion	Ratio	Lower	Upper
69	100		
41	146.4	116.6	174.8
100	31.0	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/24/2023

Supervised By :Mahesh Dadoda 02/24/2023



#44

2,2,4-Trimethylpentane

Concen: 10.392 ppbv

RT: 7.330 min Scan# 1470

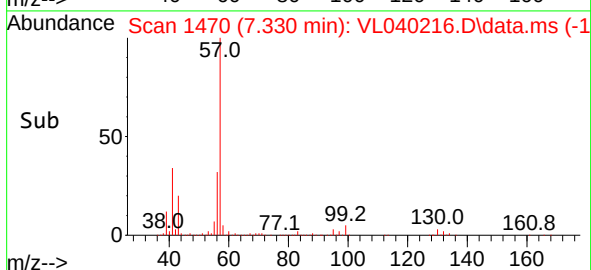
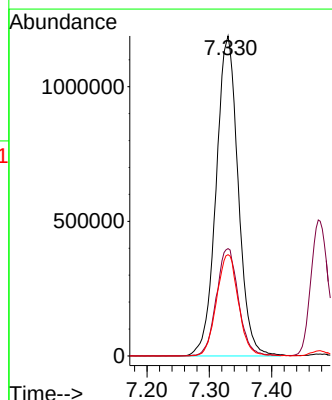
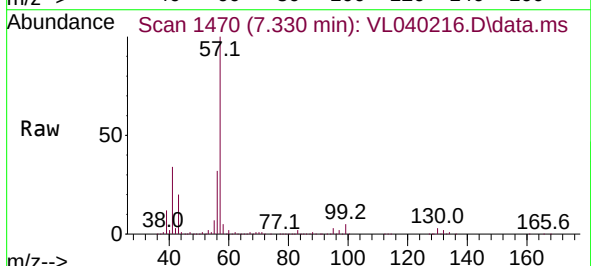
Delta R.T. -0.016 min

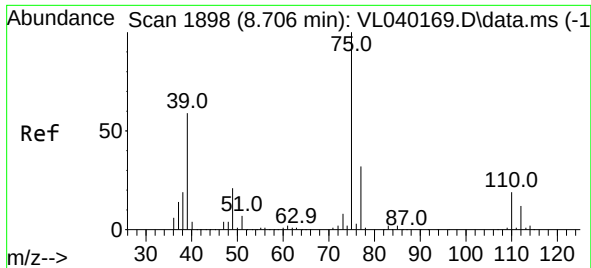
Lab File: VL040216.D

Acq: 23 Feb 2023 10:18

Tgt Ion: 57 Resp: 2916396

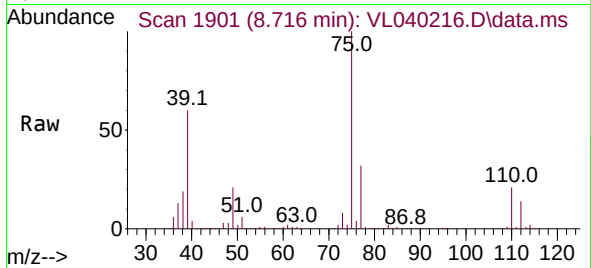
Ion	Ratio	Lower	Upper
57	100		
41	33.8	26.2	39.4
56	31.4	24.9	37.3





#45
t-1,3-Dichloropropene
Concen: 12.006 ppbv
RT: 8.716 min Scan# 1898
Delta R.T. -0.019 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

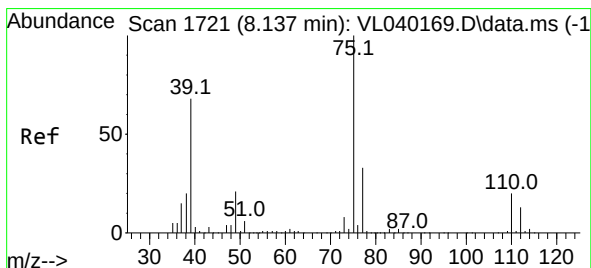
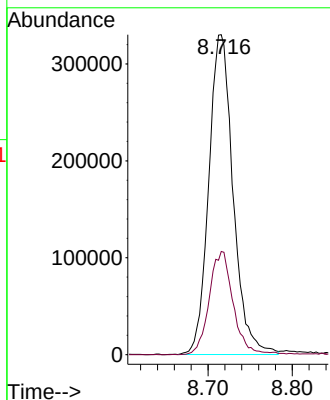
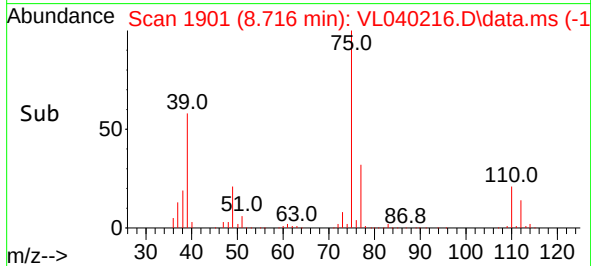
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



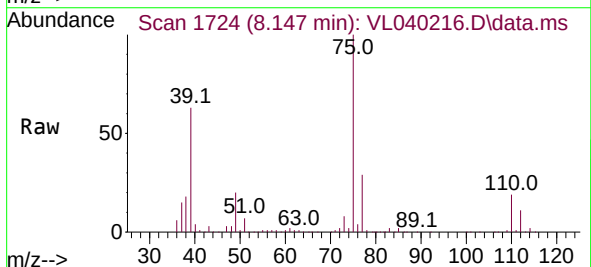
Tgt Ion: 75 Resp: 662500
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5

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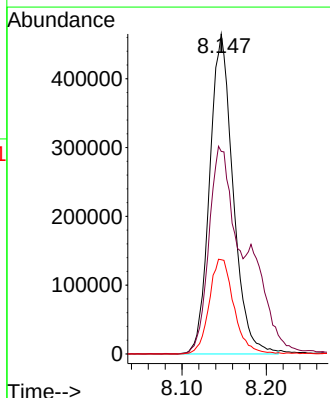
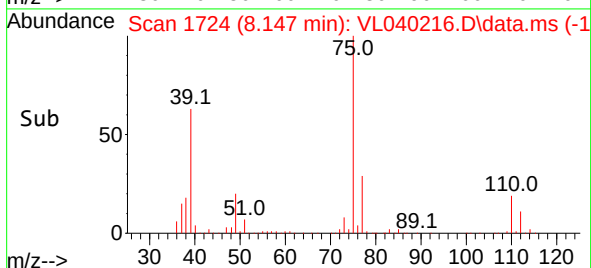
Reviewed By :Semsettin Yesilyurt 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

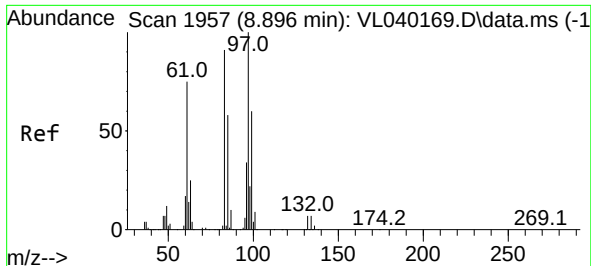


#46
cis-1,3-Dichloropropene
Concen: 11.701 ppbv
RT: 8.147 min Scan# 1724
Delta R.T. -0.016 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18



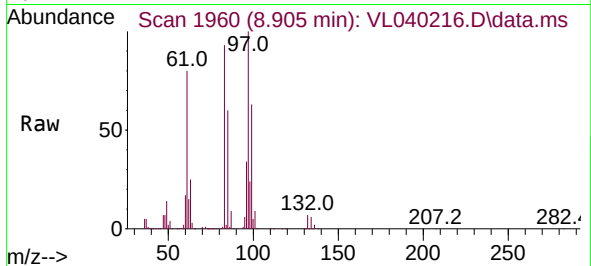
Tgt Ion: 75 Resp: 899490
Ion Ratio Lower Upper
75 100
39 63.3 54.2 81.2
77 29.4 26.0 39.0





#47
1,1,2-Trichloroethane
Concen: 10.407 ppbv
RT: 8.905 min Scan# 1957
Delta R.T. -0.019 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

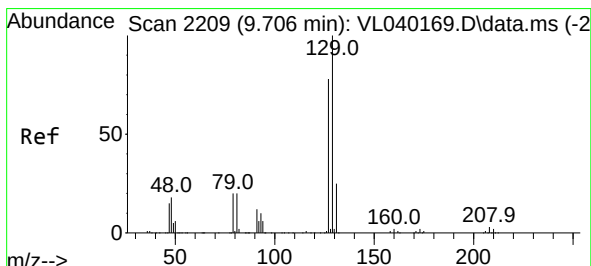
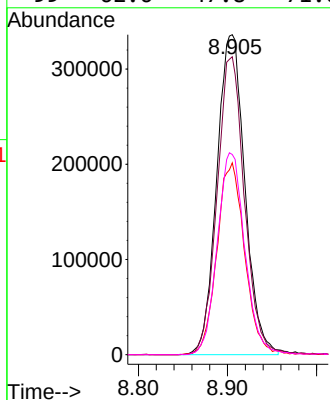
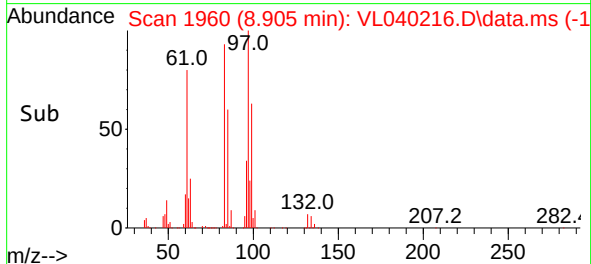
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 736123
Ion Ratio Lower Upper
97 100
83 93.1 72.8 109.2
85 59.9 46.6 69.8
99 62.6 47.8 71.6

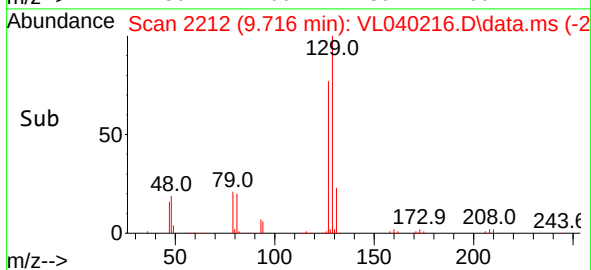
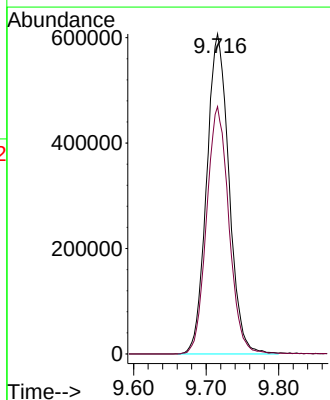
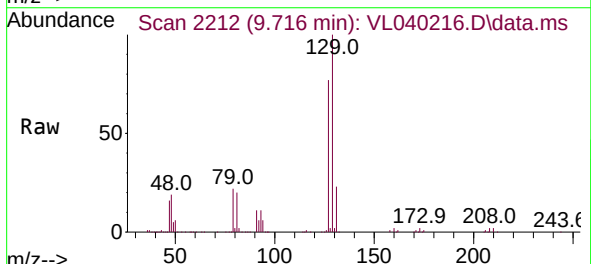
Manual Integrations
APPROVED

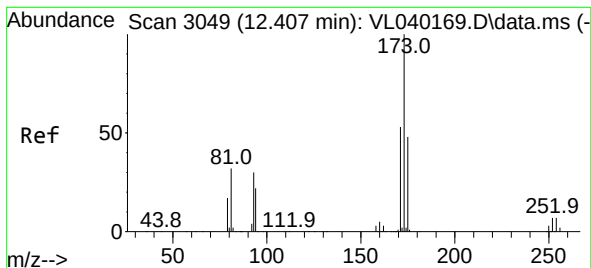
Reviewed By :Semsettin Yesilyurt 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#48
Dibromochloromethane
Concen: 11.470 ppbv
RT: 9.716 min Scan# 2212
Delta R.T. -0.019 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

Tgt Ion:129 Resp: 1297726
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2





#49

Bromoform

Concen: 11.532 ppbv

RT: 12.413 min Scan# 3049

Delta R.T. -0.023 min

Lab File: VL040216.D

Acq: 23 Feb 2023 10:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 101835

Ion Ratio Lower Upper

173 100

175 48.8 39.4 59.0

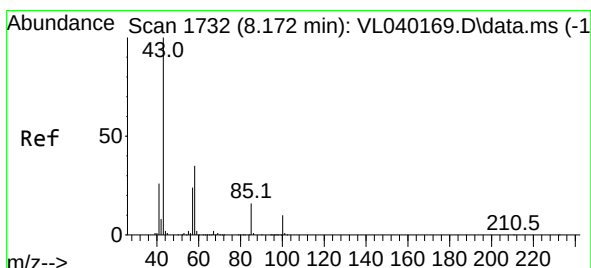
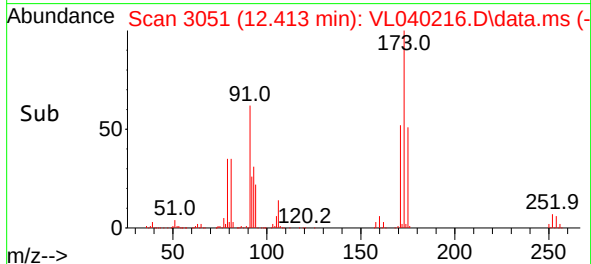
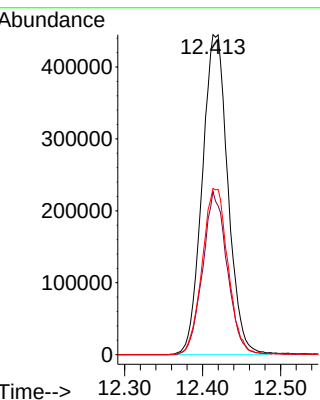
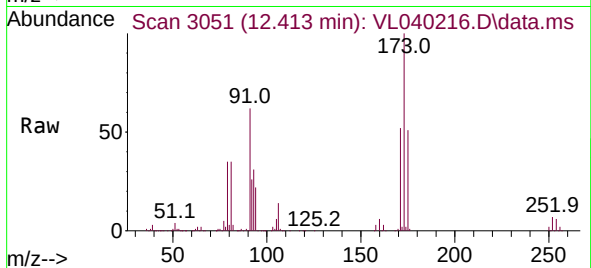
171 52.5 41.8 62.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/24/2023

Supervised By :Mahesh Dadoda 02/24/2023



#50

4-Methyl-2-Pentanone

Concen: 11.016 ppbv

RT: 8.182 min Scan# 1735

Delta R.T. -0.019 min

Lab File: VL040216.D

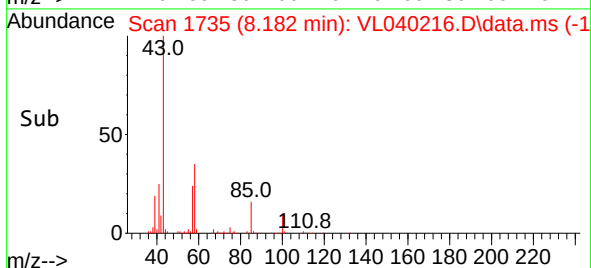
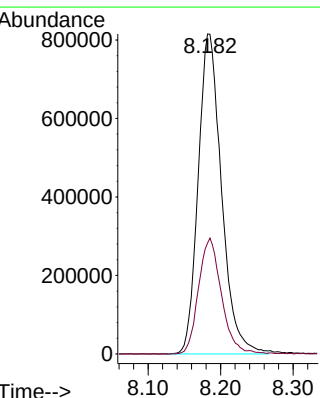
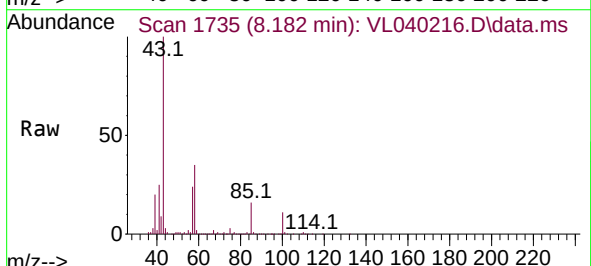
Acq: 23 Feb 2023 10:18

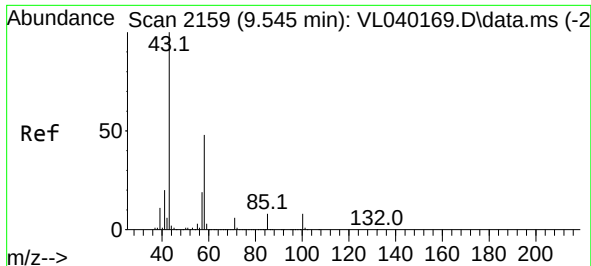
Tgt Ion: 43 Resp: 1822687

Ion Ratio Lower Upper

43 100

58 35.7 29.2 43.8





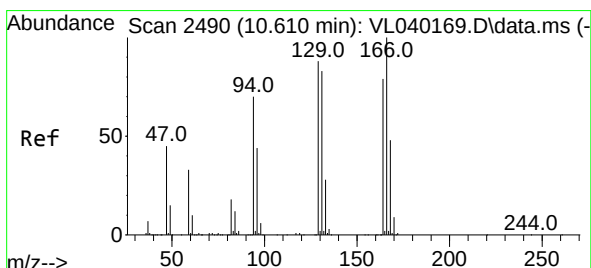
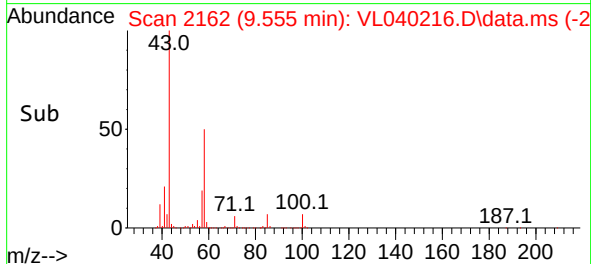
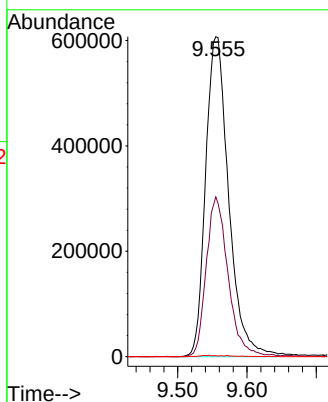
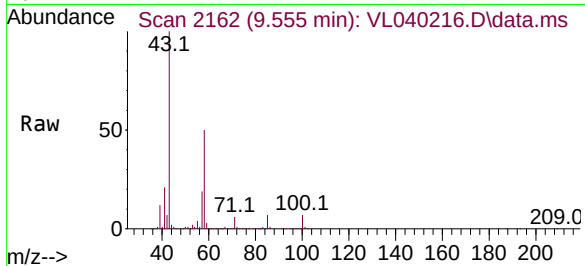
#51
2-Hexanone
Concen: 11.007 ppbv
RT: 9.555 min Scan# 2159
Delta R.T. -0.019 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1400580
Ion Ratio Lower Upper
43 100
58 47.7 39.1 58.7
98 0.6 0.2 0.4

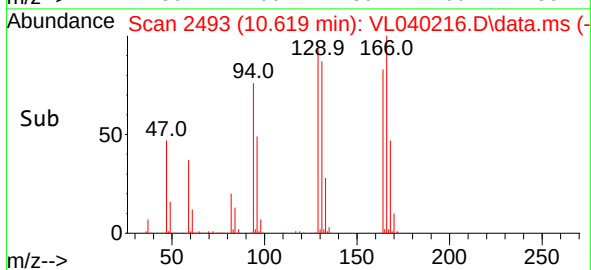
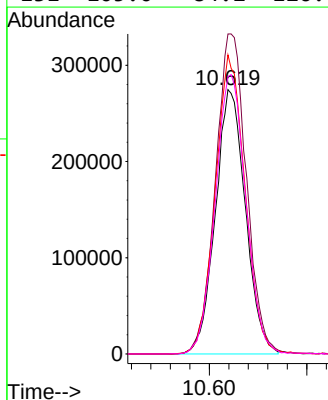
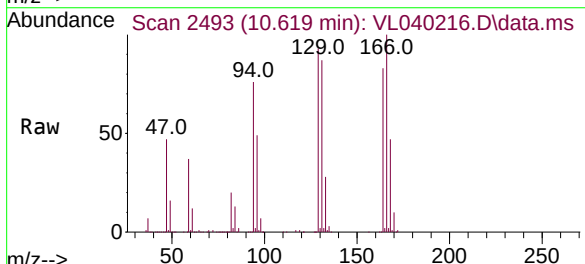
Manual Integrations
APPROVED

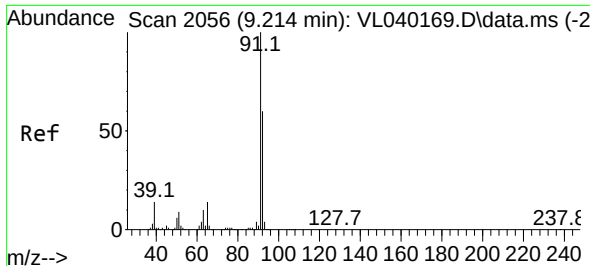
Reviewed By :Semsettin Yesilyurt 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#52
Tetrachloroethene
Concen: 11.197 ppbv
RT: 10.619 min Scan# 2493
Delta R.T. -0.023 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

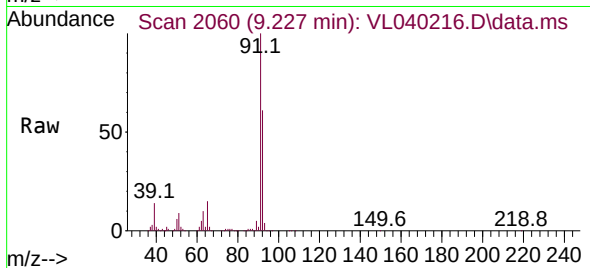
Tgt Ion:164 Resp: 587824
Ion Ratio Lower Upper
164 100
166 120.9 101.5 152.3
129 113.0 89.0 133.4
131 105.0 84.2 126.4





#53
Toluene
Concen: 11.062 ppbv
RT: 9.227 min Scan# 2056
Delta R.T. -0.019 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

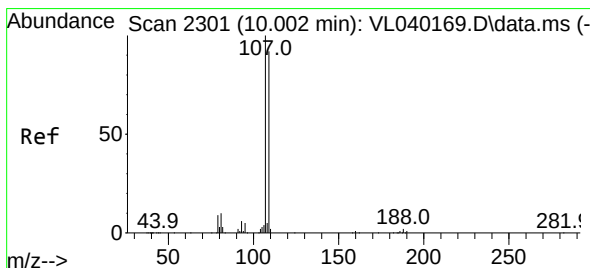
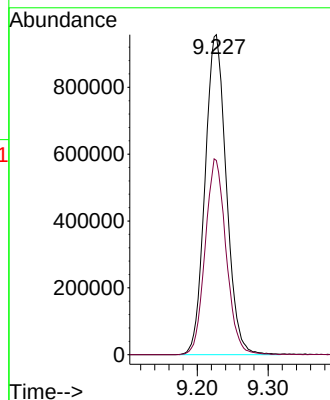
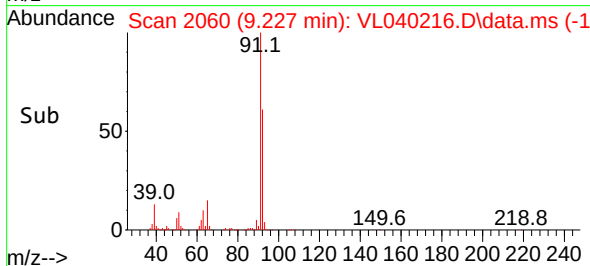
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



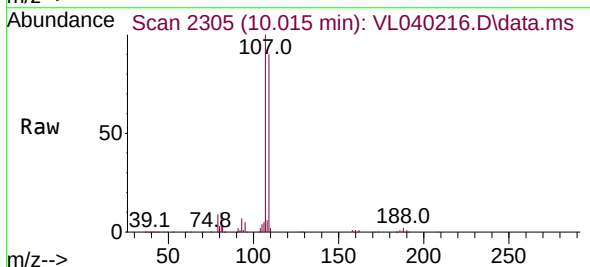
Tgt Ion: 91 Resp: 199193
Ion Ratio Lower Upper
91 100
92 60.4 48.9 73.3

Manual Integrations
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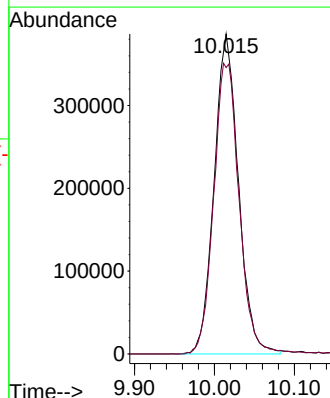
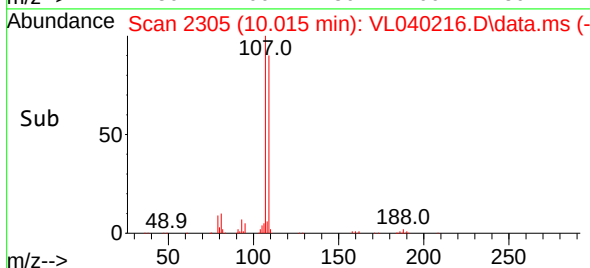
Reviewed By :Semsettin Yesilyurt 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

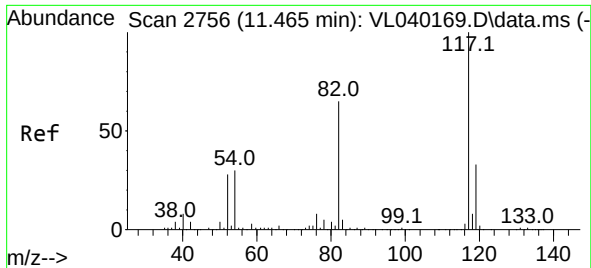


#54
1,2-Dibromoethane
Concen: 11.065 ppbv
RT: 10.015 min Scan# 2305
Delta R.T. -0.019 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18



Tgt Ion:107 Resp: 814366
Ion Ratio Lower Upper
107 100
109 89.5 73.8 110.8





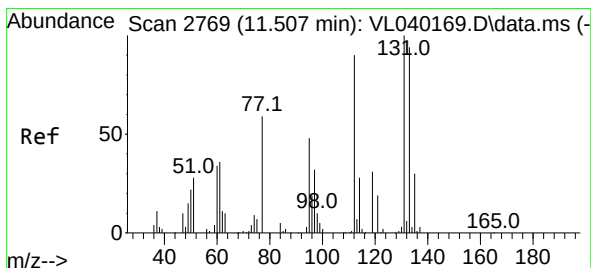
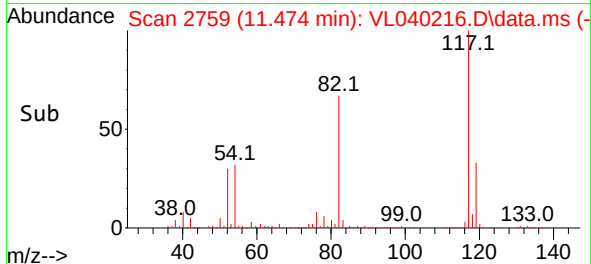
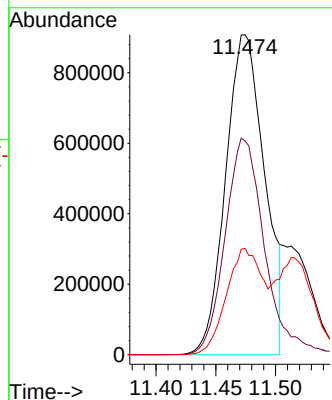
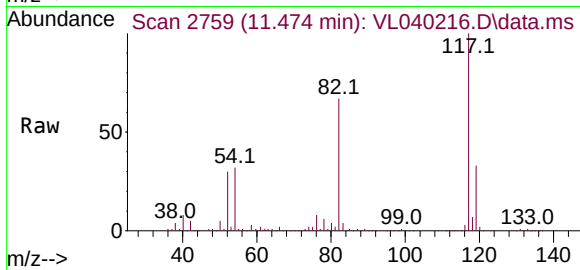
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.474 min Scan# 2756
Delta R.T. -0.019 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 2065628
Ion Ratio Lower Upper
117 100
82 68.8 53.3 79.9
119 30.6 24.6 37.0

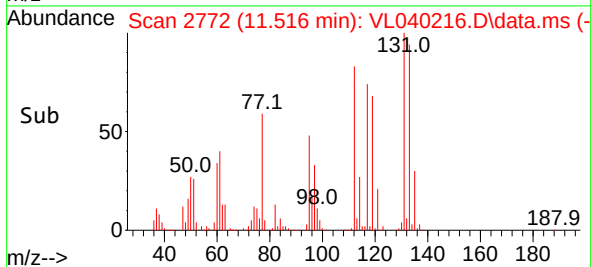
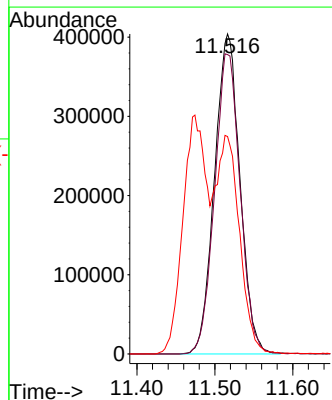
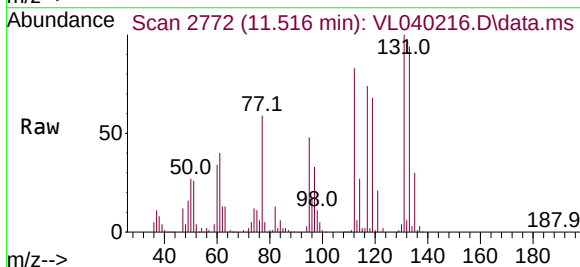
Manual Integrations
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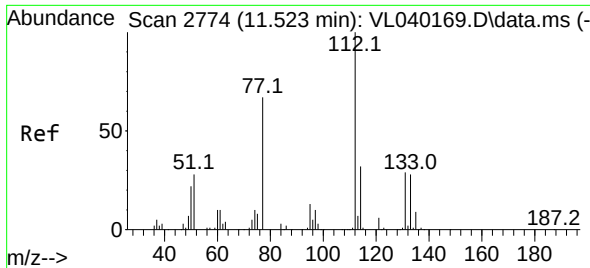
Reviewed By :Semsettin Yesilyurt 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 10.571 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. -0.023 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

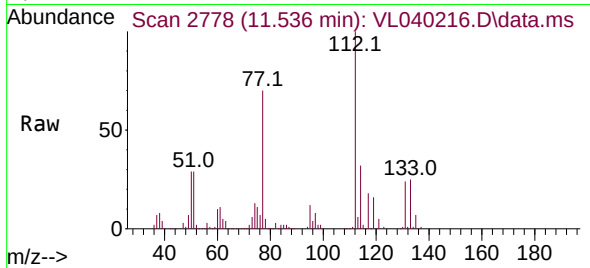
Tgt Ion:131 Resp: 916603
Ion Ratio Lower Upper
131 100
133 94.6 76.2 114.2
119 65.6 45.4 68.0





#57
Chlorobenzene
Concen: 10.164 ppbv
RT: 11.536 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

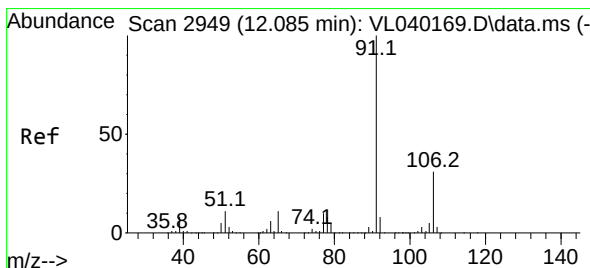
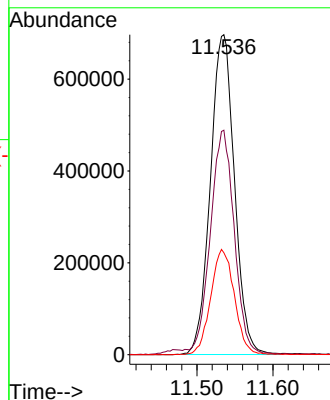
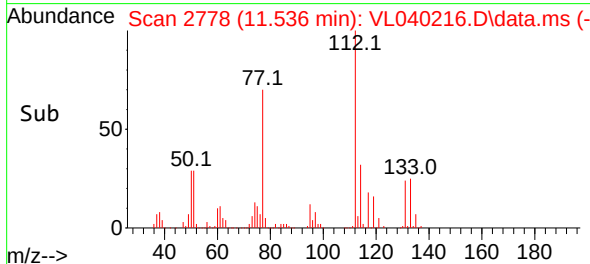
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 153383
Ion Ratio Lower Upper
112 100
77 70.0 55.0 82.4
114 31.8 29.0 35.4

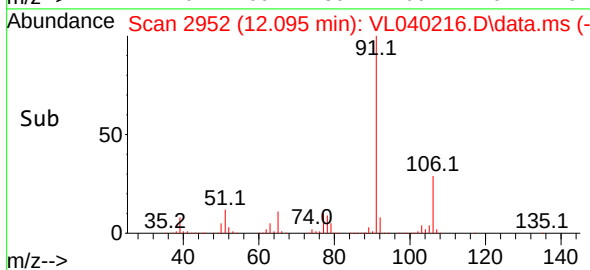
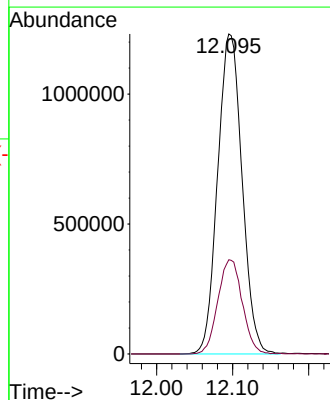
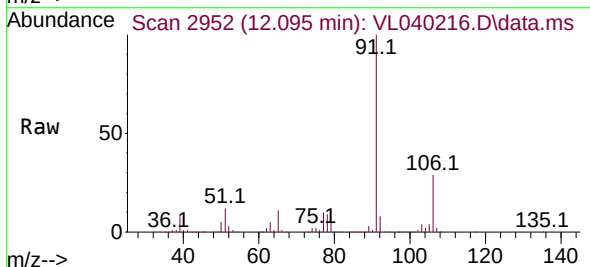
Manual Integrations
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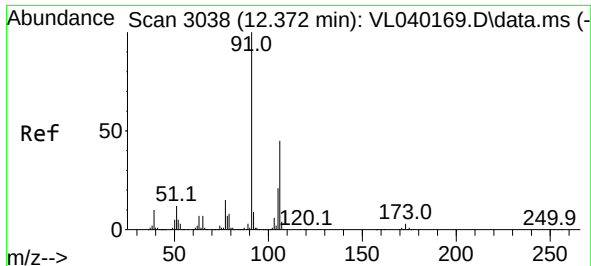
Reviewed By :Semsettin Yesilyurt 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#58
Ethyl Benzene
Concen: 10.931 ppbv
RT: 12.095 min Scan# 2952
Delta R.T. -0.023 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

Tgt Ion: 91 Resp: 2743362
Ion Ratio Lower Upper
91 100
106 29.5 24.9 37.3





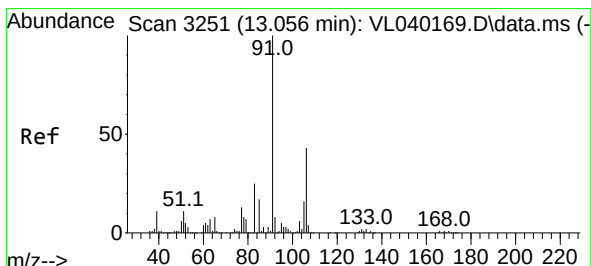
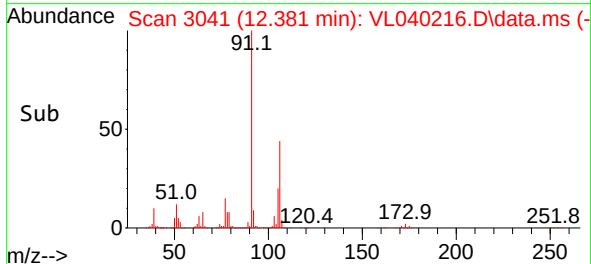
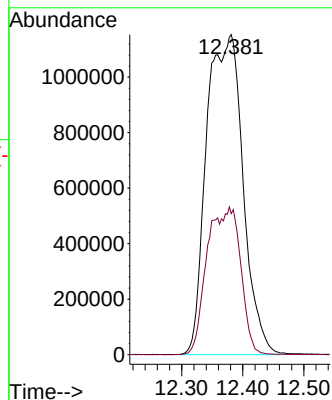
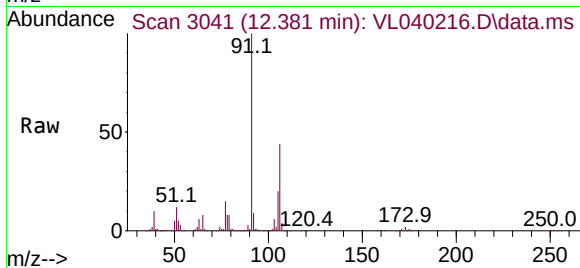
#59
m/p-Xylene
Concen: 21.487 ppbv m
RT: 12.381 min Scan# 3038
Delta R.T. -0.016 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 477631
Ion Ratio Lower Upper
91 100
106 42.5 34.6 51.8

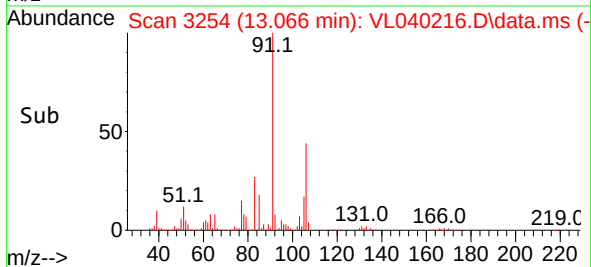
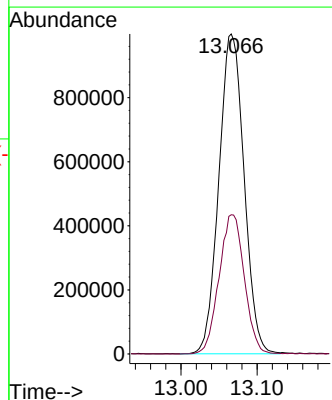
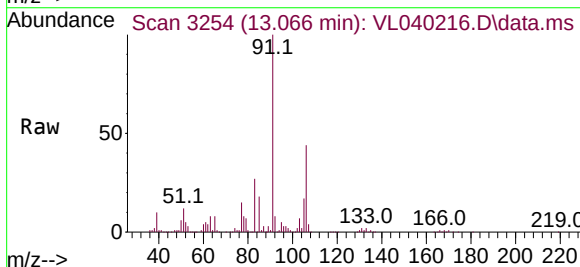
Manual Integrations
APPROVED

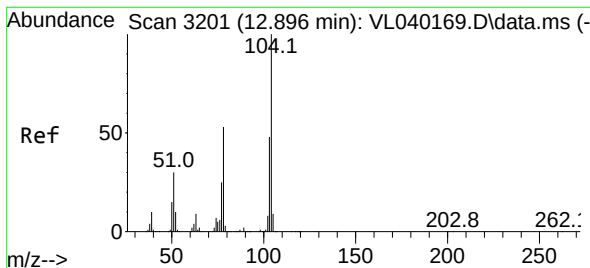
Reviewed By :Semsettin Yesilyurt 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#60
o-Xylene
Concen: 10.757 ppbv
RT: 13.066 min Scan# 3254
Delta R.T. -0.019 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

Tgt Ion: 91 Resp: 2300764
Ion Ratio Lower Upper
91 100
106 43.7 21.6 65.0





#61

Styrene

Concen: 11.511 ppbv

RT: 12.905 min Scan# 31

Delta R.T. -0.023 min

Lab File: VL040216.D

Acq: 23 Feb 2023 10:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

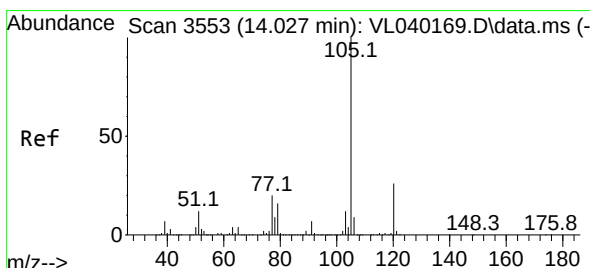
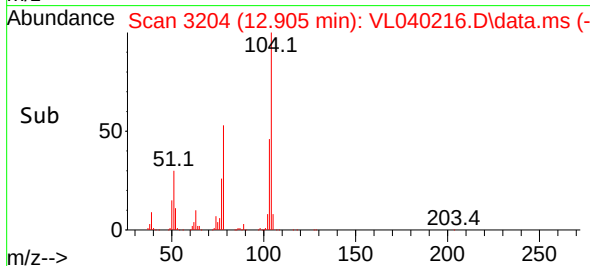
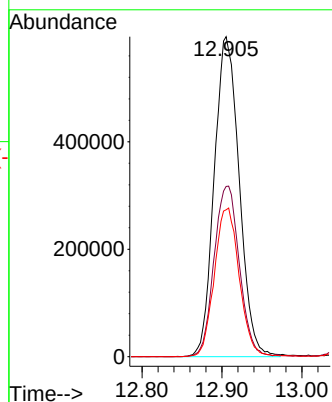
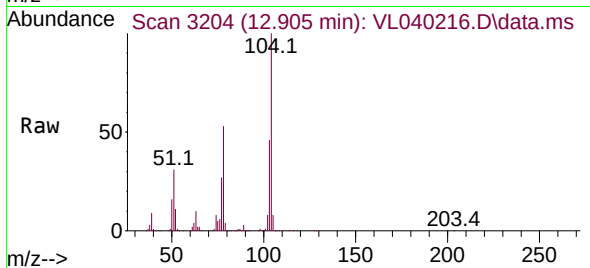
Tgt Ion:104 Resp: 129264

Ion	Ratio	Lower	Upper
104	100		
78	54.3	42.3	63.5
103	46.6	37.5	56.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#62

Isopropylbenzene

Concen: 10.504 ppbv

RT: 14.037 min Scan# 3556

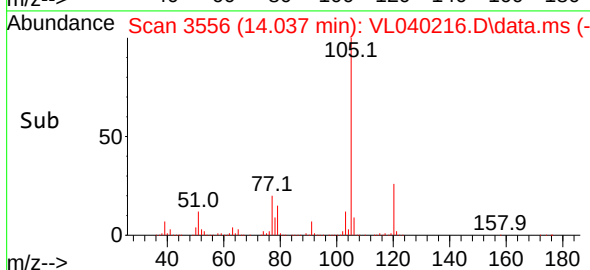
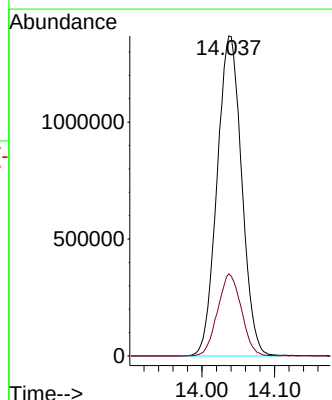
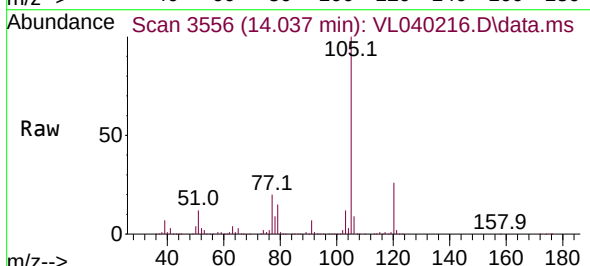
Delta R.T. -0.023 min

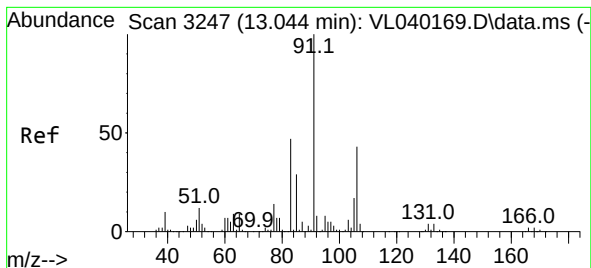
Lab File: VL040216.D

Acq: 23 Feb 2023 10:18

Tgt Ion:105 Resp: 3224975

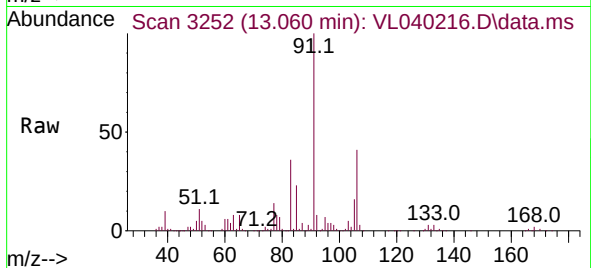
Ion	Ratio	Lower	Upper
105	100		
120	24.9	20.3	30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 10.056 ppbv
RT: 13.060 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

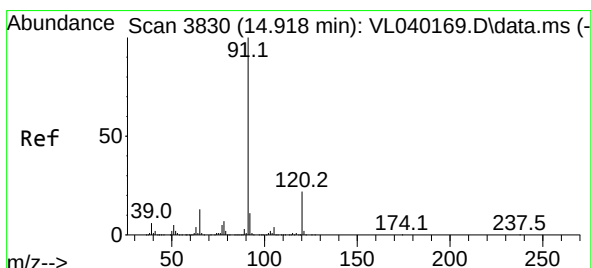
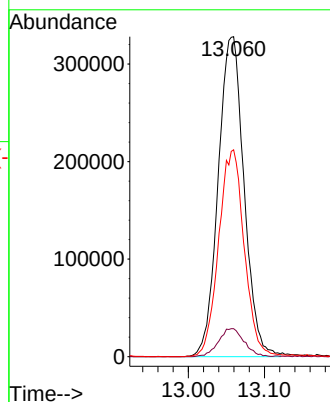
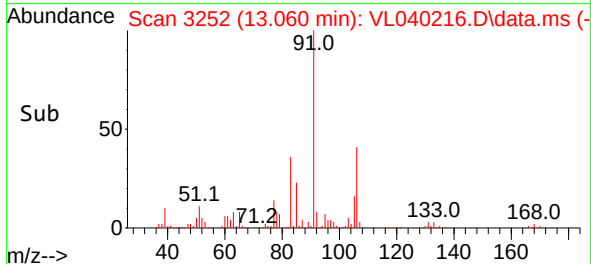
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 83 Resp: 775080
Ion Ratio Lower Upper
83 100
131 8.9 4.4 13.2
85 64.6 33.0 99.0

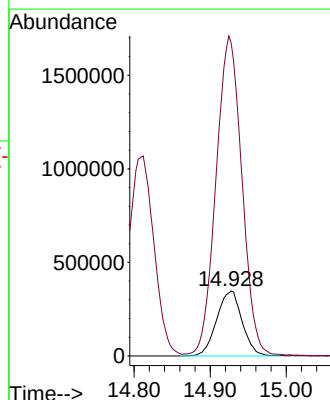
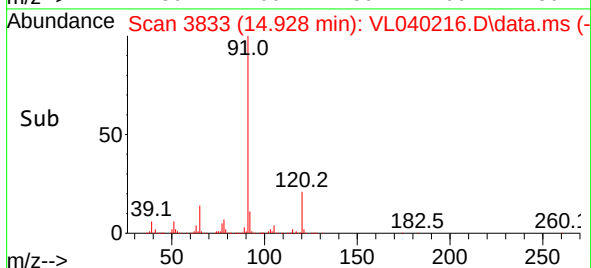
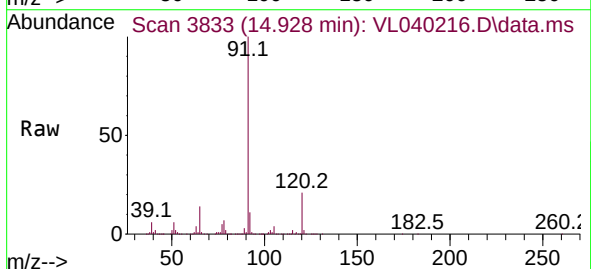
Manual Integrations
APPROVED

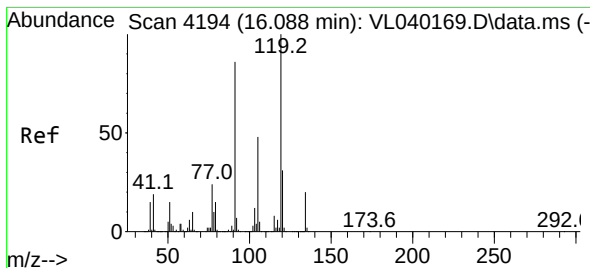
Reviewed By :Semsettin Yesilyurt 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#64
n-propylbenzene
Concen: 10.604 ppbv
RT: 14.928 min Scan# 3833
Delta R.T. -0.023 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

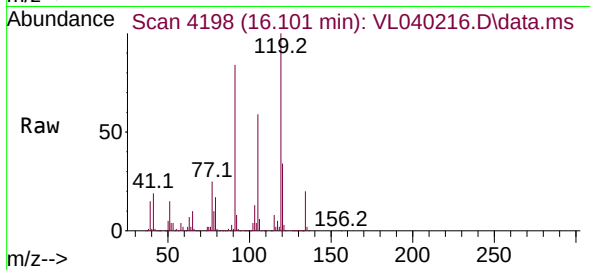
Tgt Ion:120 Resp: 805753
Ion Ratio Lower Upper
120 100
91 503.7 389.8 584.8





#65
tert-Butylbenzene
Concen: 10.548 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. -0.019 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

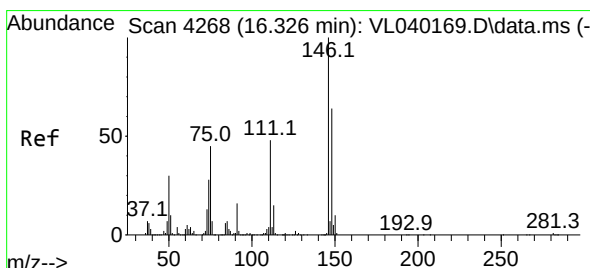
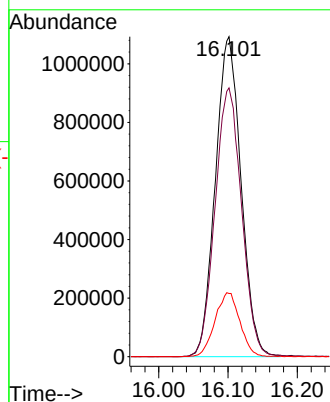
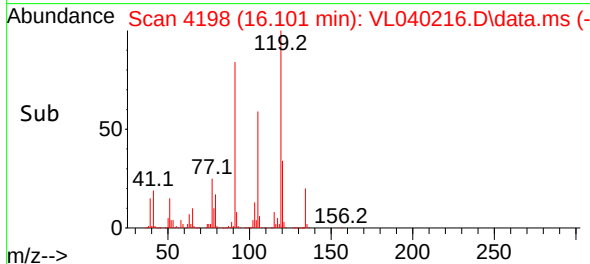
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



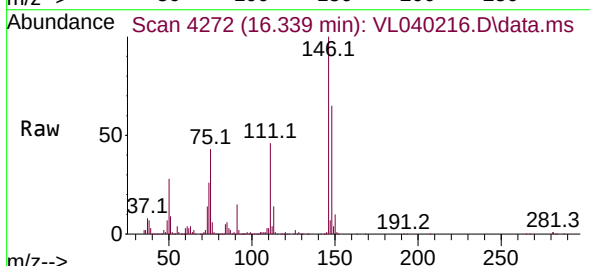
Tgt Ion:119 Resp: 281512
Ion Ratio Lower Upper
119 100
91 87.1 68.6 102.8
134 19.4 15.9 23.9

Manual Integrations
APPROVED

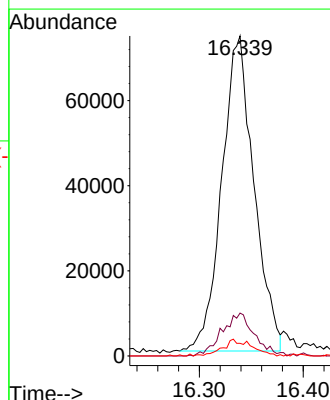
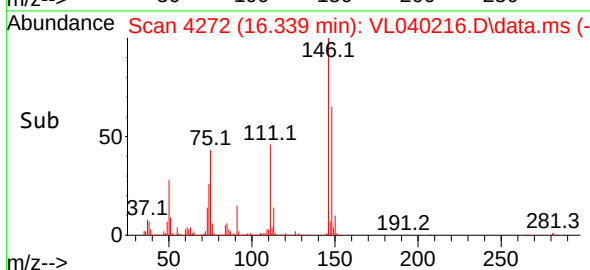
Reviewed By :Semsettin Yesilyurt 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

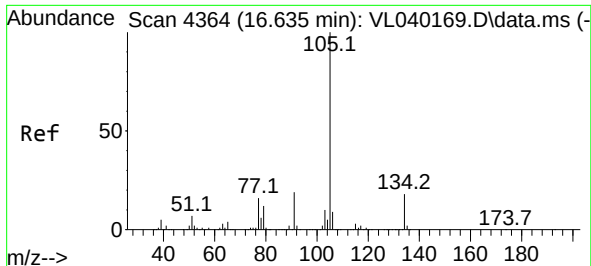


#66
Benzyl Chloride
Concen: 8.956 ppbv
RT: 16.339 min Scan# 4272
Delta R.T. -0.019 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18



Tgt Ion: 91 Resp: 159053
Ion Ratio Lower Upper
91 100
126 14.0 13.1 19.7
128 4.9 4.1 6.1





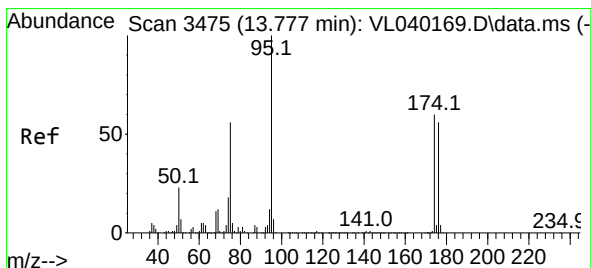
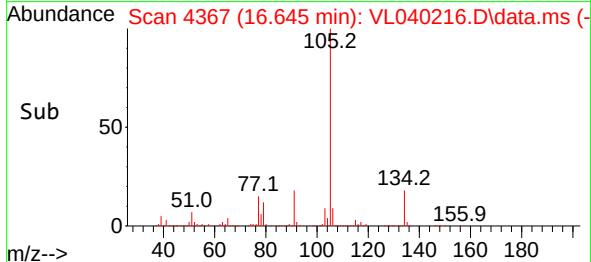
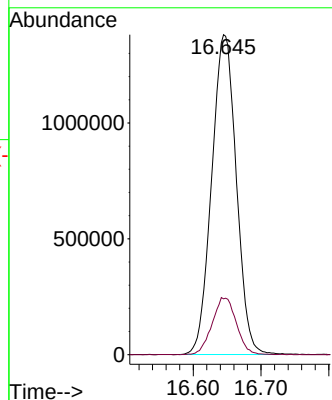
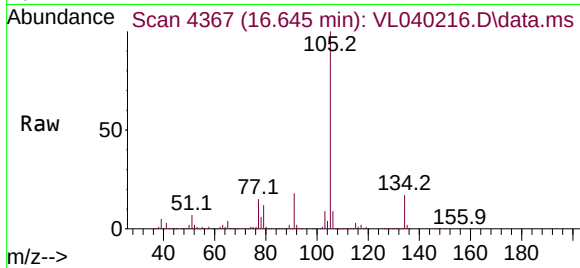
#67
 sec-Butylbenzene
 Concen: 9.106 ppbv
 RT: 16.645 min Scan# 41
 Delta R.T. -0.023 min
 Lab File: VL040216.D
 Acq: 23 Feb 2023 10:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:105 Resp: 348506
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.1 21.1

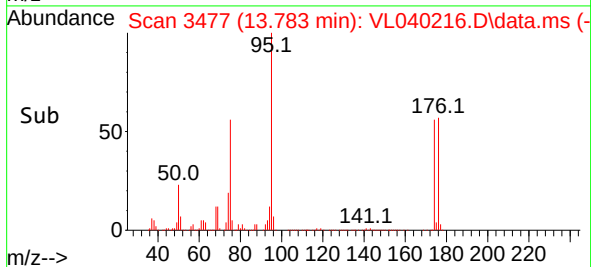
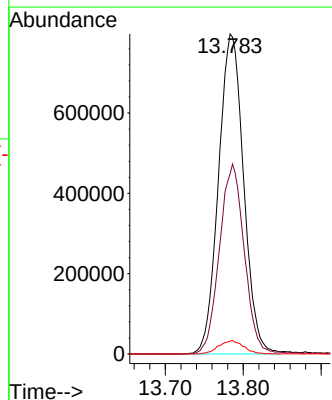
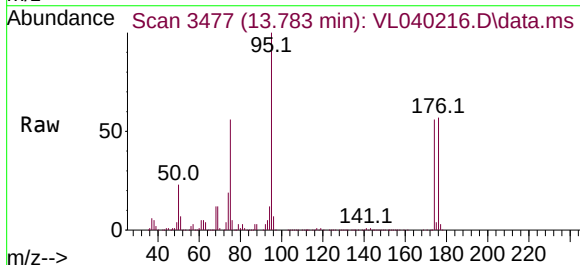
Manual Integrations
 APPROVED

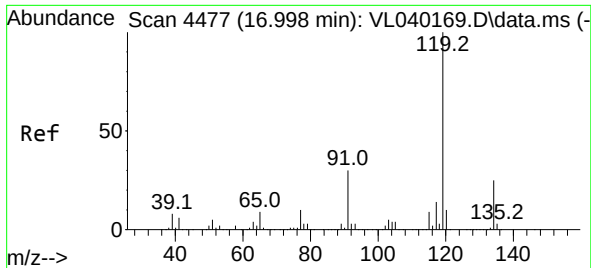
Reviewed By :Semsettin Yesilyurt 02/24/2023
 Supervised By :Mahesh Dadoda 02/24/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.501 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. -0.023 min
 Lab File: VL040216.D
 Acq: 23 Feb 2023 10:18

Tgt Ion: 95 Resp: 1783715
 Ion Ratio Lower Upper
 95 100
 174 59.1 48.2 72.2
 175 4.2 3.4 5.2





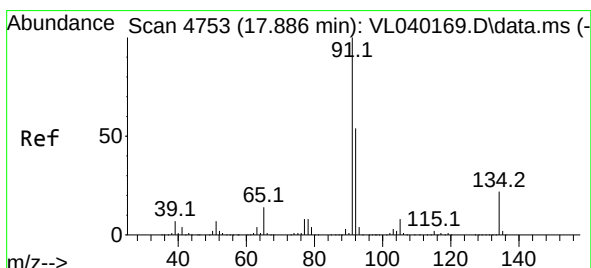
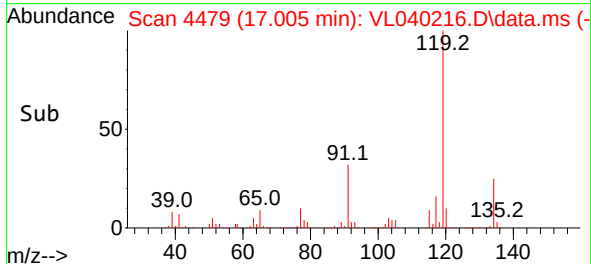
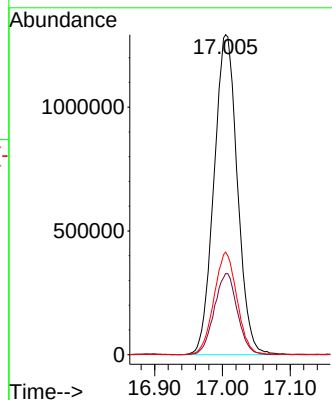
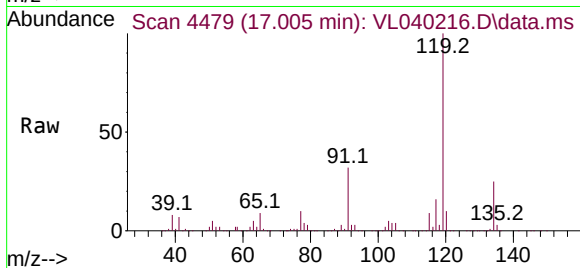
#69
p-Isopropyltoluene
Concen: 10.213 ppbv
RT: 17.005 min Scan# 4479
Delta R.T. -0.019 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 3098714
Ion Ratio Lower Upper
119 100
134 25.1 20.2 30.2
91 31.5 24.7 37.1

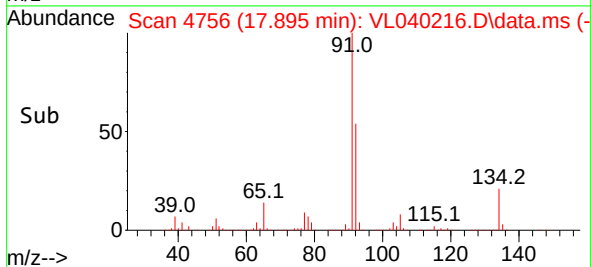
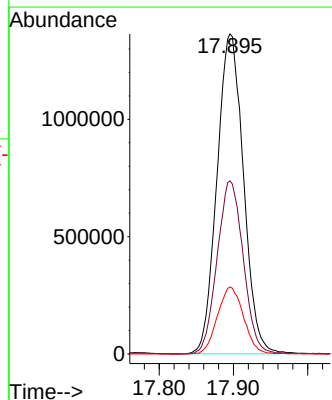
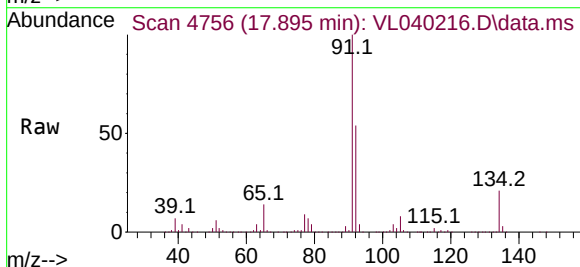
Manual Integrations
APPROVED

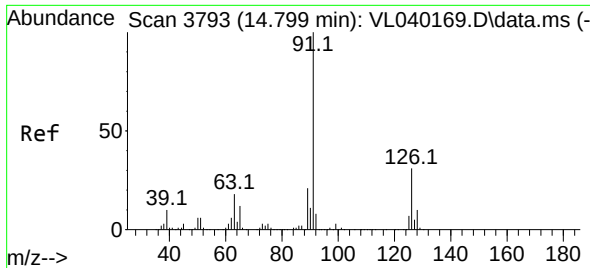
Reviewed By :Semsettin Yesilyurt 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#70
n-Butylbenzene
Concen: 10.250 ppbv
RT: 17.895 min Scan# 4756
Delta R.T. -0.023 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

Tgt Ion: 91 Resp: 3375582
Ion Ratio Lower Upper
91 100
92 53.5 43.0 64.6
134 20.7 16.9 25.3





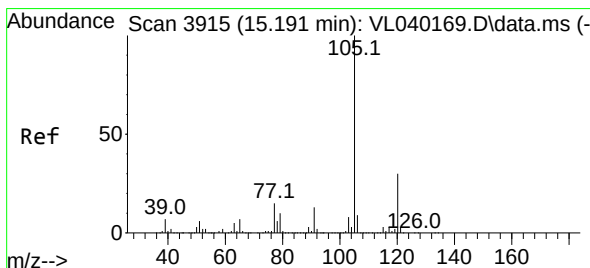
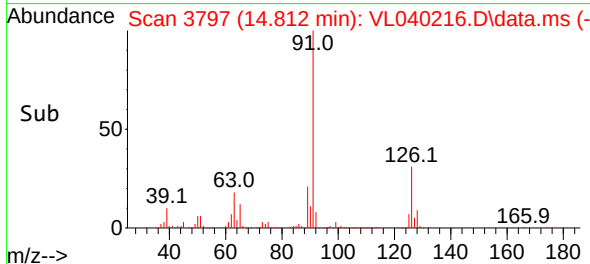
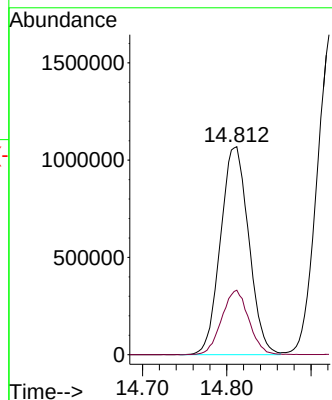
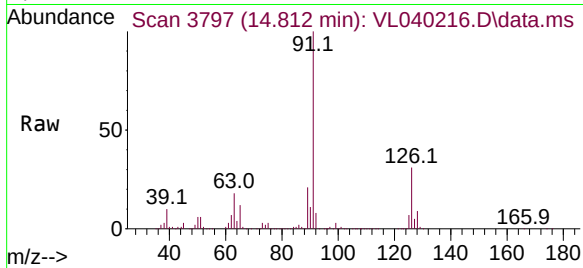
#71
2-Chlorotoluene
Concen: 10.582 ppbv
RT: 14.812 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2484649
Ion Ratio Lower Upper
91 100
126 29.8 12.0 48.2

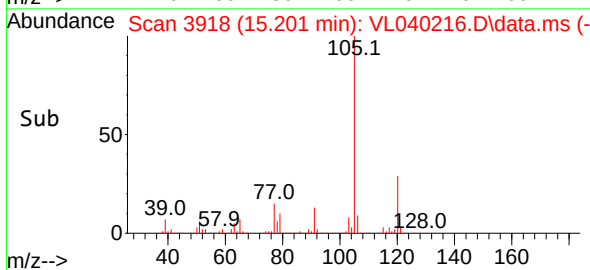
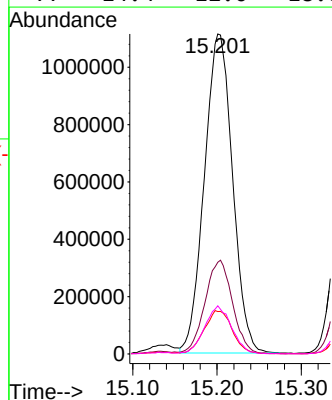
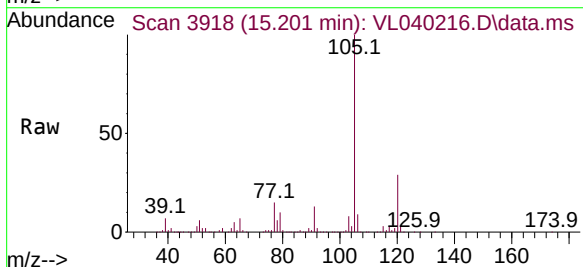
Manual Integrations
APPROVED

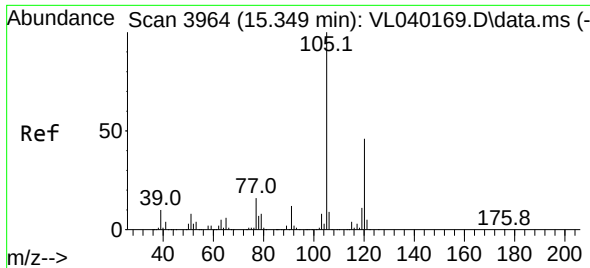
Reviewed By :Semsettin Yesilyurt 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#72
4-Ethyltoluene
Concen: 10.945 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. -0.019 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

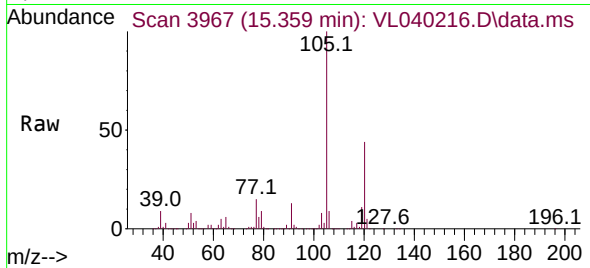
Tgt Ion:105 Resp: 2587927
Ion Ratio Lower Upper
105 100
120 28.9 23.2 34.8
91 14.1 11.3 16.9
77 14.4 12.0 18.0





#73
1,3,5-Trimethylbenzene
Concen: 10.490 ppbv
RT: 15.359 min Scan# 3964
Delta R.T. -0.023 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

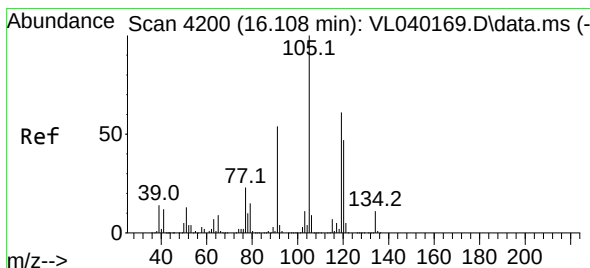
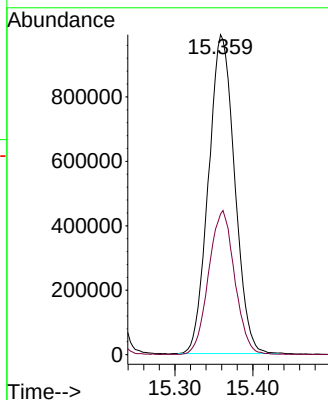
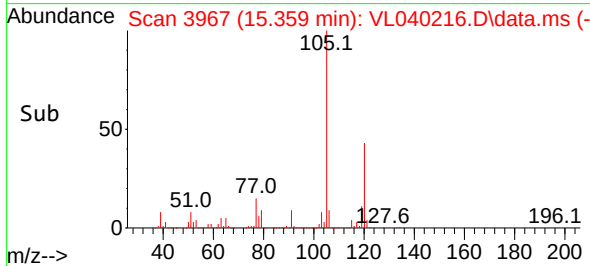
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



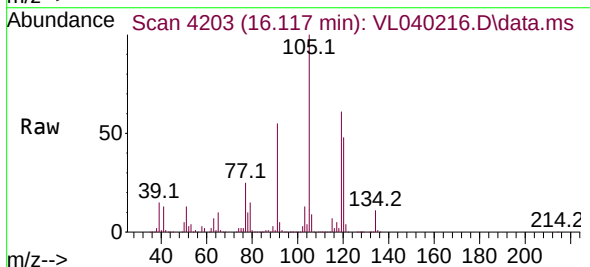
Tgt Ion:105 Resp: 230804
Ion Ratio Lower Upper
105 100
120 44.0 36.8 55.2

Manual Integrations
APPROVED

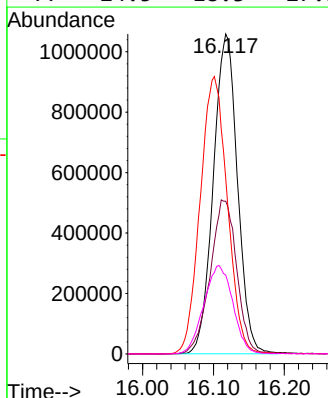
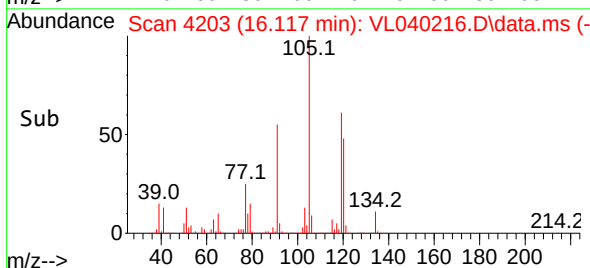
Reviewed By :Semsettin Yesilyurt 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

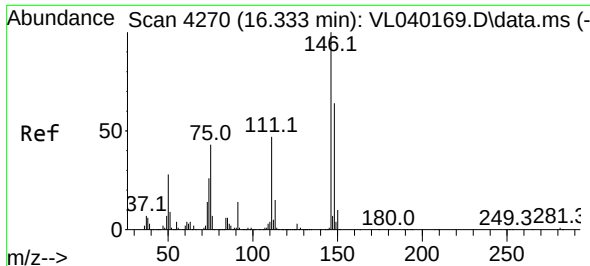


#74
1,2,4-Trimethylbenzene
Concen: 10.371 ppbv
RT: 16.117 min Scan# 4203
Delta R.T. -0.019 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18



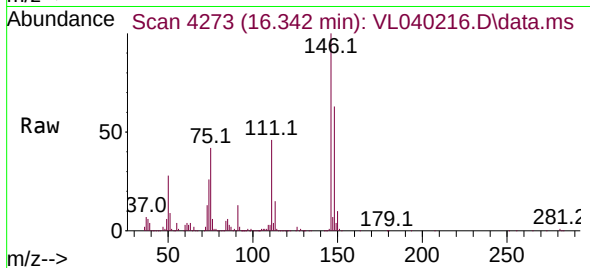
Tgt Ion:105 Resp: 2506369
Ion Ratio Lower Upper
105 100
120 47.6 37.9 56.9
91 54.7 43.7 65.5
77 24.5 18.3 27.5





#75
1,3-Dichlorobenzene
Concen: 9.285 ppbv
RT: 16.342 min Scan# 4316
Delta R.T. -0.019 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

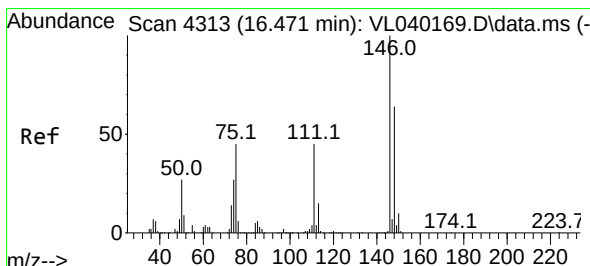
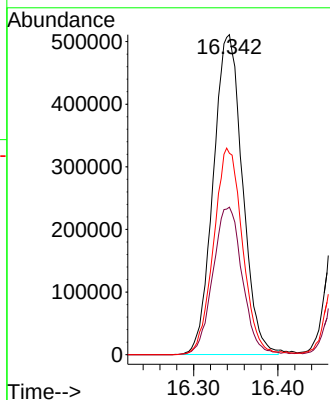
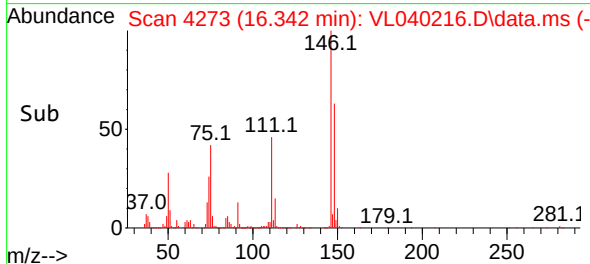
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



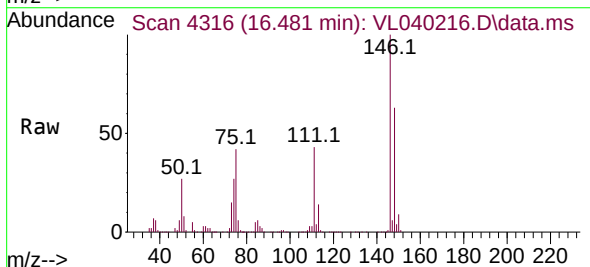
Tgt Ion:146 Resp: 122797
Ion Ratio Lower Upper
146 100
111 46.5 23.9 71.8
148 64.1 32.1 96.5

Manual Integrations
APPROVED

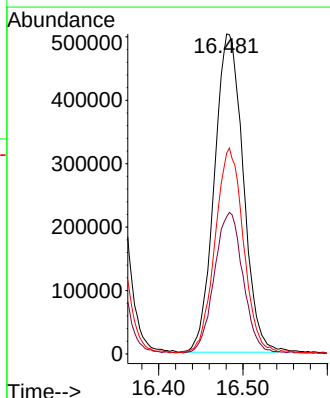
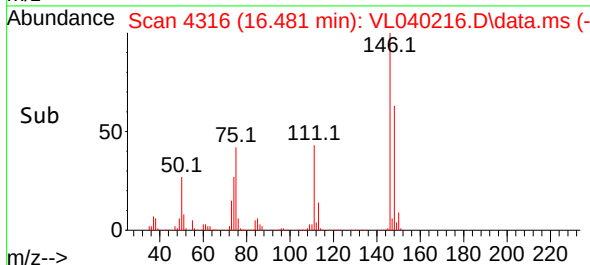
Reviewed By :Semsettin Yesilyurt 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

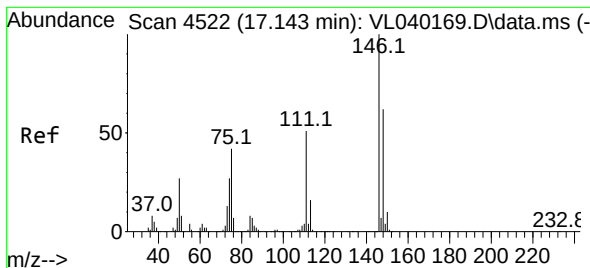


#76
1,4-Dichlorobenzene
Concen: 9.175 ppbv
RT: 16.481 min Scan# 4316
Delta R.T. -0.023 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18



Tgt Ion:146 Resp: 1189068
Ion Ratio Lower Upper
146 100
111 44.5 23.5 70.5
148 64.1 32.5 97.4





#77

1,2-Dichlorobenzene

Concen: 9.693 ppbv

RT: 17.153 min Scan# 4525

Delta R.T. -0.026 min

Lab File: VL040216.D

Acq: 23 Feb 2023 10:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 127332

Ion Ratio Lower Upper

146 100

111 50.5 25.3 75.8

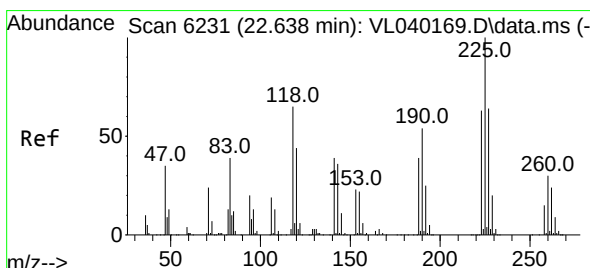
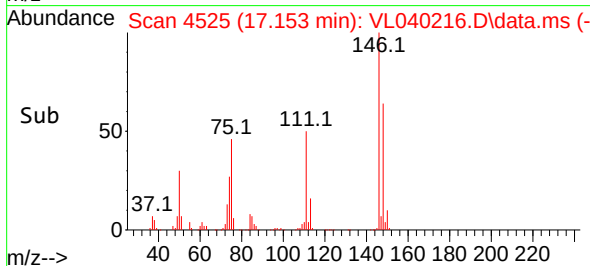
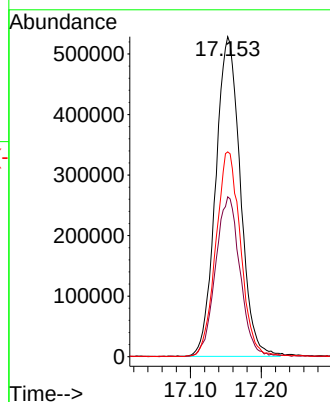
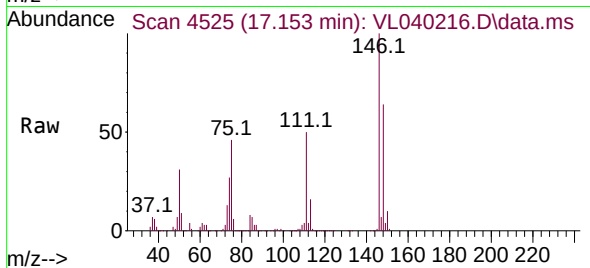
148 64.4 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/24/2023

Supervised By :Mahesh Dadoda 02/24/2023



#78

Hexachloro-1,3-Butadiene

Concen: 8.692 ppbv

RT: 22.648 min Scan# 6234

Delta R.T. -0.019 min

Lab File: VL040216.D

Acq: 23 Feb 2023 10:18

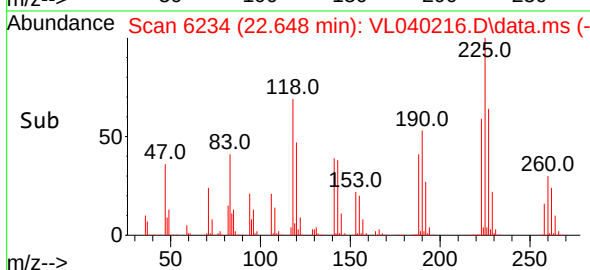
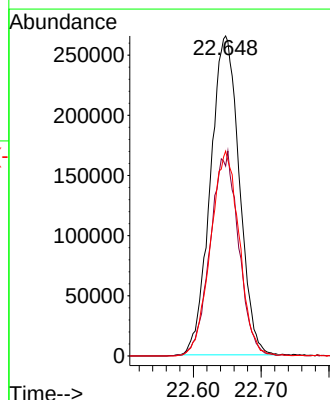
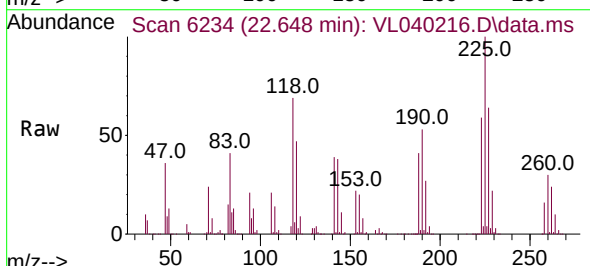
Tgt Ion:225 Resp: 784487

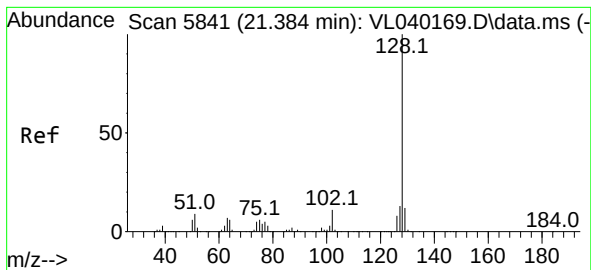
Ion Ratio Lower Upper

225 100

223 63.2 51.0 76.6

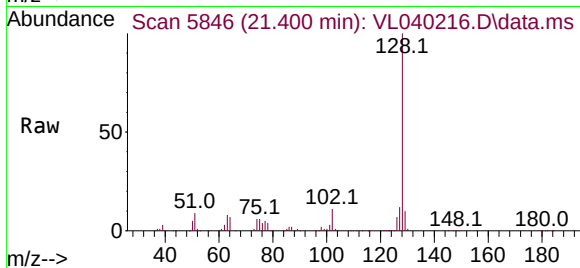
227 64.0 51.2 76.8





#79
Naphthalene
Concen: 11.024 ppbv
RT: 21.400 min Scan# 5846
Delta R.T. -0.019 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

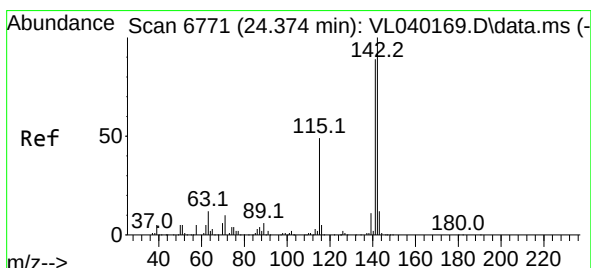
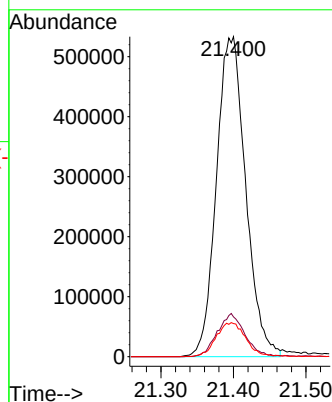
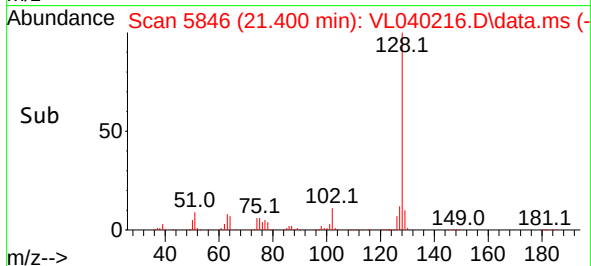
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:128 Resp: 1496784
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.4 9.4 14.0

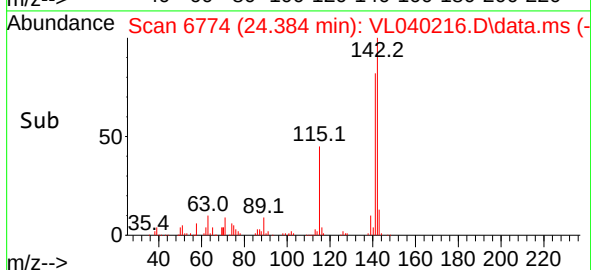
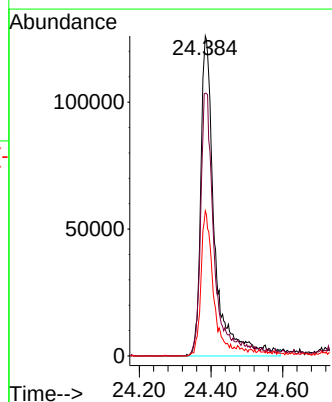
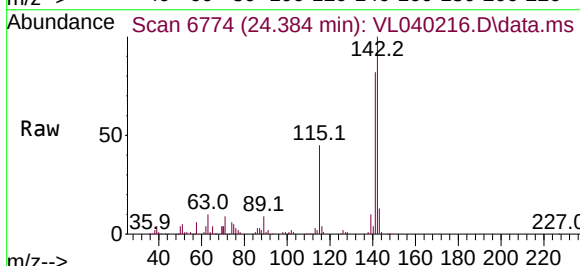
Manual Integrations
APPROVED

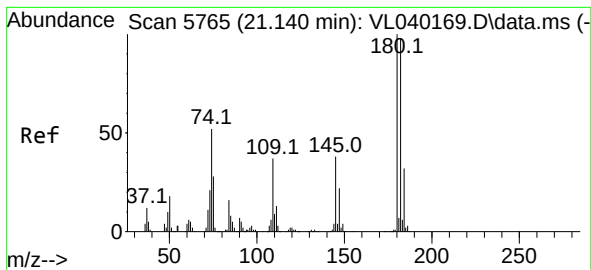
Reviewed By :Semsettin Yesilyurt 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023



#80
Naphthalene,2-methyl-
Concen: 8.802 ppbv
RT: 24.384 min Scan# 6774
Delta R.T. -0.016 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

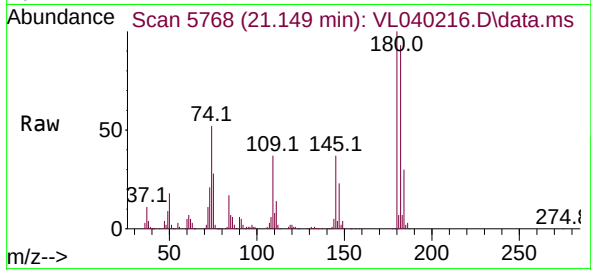
Tgt Ion:142 Resp: 339831
Ion Ratio Lower Upper
142 100
141 82.6 67.3 100.9
115 40.5 36.5 54.7





#81
1,2,4-Trichlorobenzene
Concen: 9.720 ppbv
RT: 21.149 min Scan# 51
Delta R.T. -0.026 min
Lab File: VL040216.D
Acq: 23 Feb 2023 10:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:180 Resp: 82578
Ion Ratio Lower Upper
180 100
182 95.7 79.0 118.6
184 30.5 24.6 36.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/24/2023
Supervised By :Mahesh Dadoda 02/24/2023

