

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031623\
 Data File : VL040288.D
 Acq On : 16 Mar 2023 9:11
 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 03/17/2023
 Supervised By : Mahesh Dadoda 03/17/2023

Quant Time: Mar 17 04:13:04 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M

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

QLast Update : Wed Mar 15 16:14:43 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	1083383	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2896544	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2950719m	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 2391071 9.677 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.716	85	1766348	8.310	ppbv	97
3) Chlorodifluoromethane	2.661	51	1230528	9.032	ppbv	98
4) Chloromethane	2.800	50	766628	9.113	ppbv	97
5) Vinyl Chloride	2.906	62	664285	9.753	ppbv	95
6) Bromomethane	3.105	94	225701	9.555	ppbv	99
7) Chloroethane	3.185	64	239426	9.156	ppbv	95
8) Dichlorotetrafluoroethane	2.845	85	1672882	9.194	ppbv	100
9) Propene	2.681	41	507103	9.716	ppbv	96
10) Heptane	7.571	43	1258095	10.022	ppbv	99
11) Trichlorofluoromethane	3.552	101	1777056	9.227	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.057	101	1331552	9.206	ppbv	99
13) Ethanol	3.234	45	27360	7.148	ppbv	95
14) Bromoethene	3.356	108	520090	9.640	ppbv	98
15) Acetone	3.456	43	1163647	8.823	ppbv	99
16) 1,3-Butadiene	2.973	39	593301	9.896	ppbv	98
17) tert-Butyl alcohol	3.864	59	1276629	10.184	ppbv	100
18) 1,1-Dichloroethene	3.867	96	595631	9.599	ppbv	99
19) Isopropyl Alcohol	3.562	45	577632	9.143	ppbv #	98
20) Methylene Chloride	3.919	84	484924	8.739	ppbv	97
21) Allyl Chloride	3.983	41	837792	9.806	ppbv	98
22) trans-1,2-Dichloroethene	4.433	96	600862	9.514	ppbv	99
23) Vinyl Acetate	4.613	43	367364	10.012	ppbv	96
24) 1,1-Dichloroethane	4.552	63	1235310	9.438	ppbv	98
25) Ethyl Acetate	5.195	43	2214092	8.967	ppbv	100
26) Hexane	5.201	57	948709	9.360	ppbv	96
27) Carbon Disulfide	4.111	76	1501965	10.609	ppbv	98
28) Methyl tert-Butyl Ether	4.574	73	1126233	9.677	ppbv	99
29) Chloroform	5.266	83	1512148	8.449	ppbv	100
30) Cyclohexane	6.594	84	800531	10.023	ppbv	95
31) cis-1,2-Dichloroethene	5.066	61	929933	9.421	ppbv	95
32) 1,1,1-Trichloroethane	5.989	97	1728251	10.079	ppbv	99
34) 2-Butanone	4.774	43	1287286	9.005	ppbv	99
35) Carbon Tetrachloride	6.484	117	1786960	9.831	ppbv	99
36) Benzene	6.362	78	2075248	9.401	ppbv	99
37) 1,2-Dichloroethane	5.796	62	1318713	9.179	ppbv	100
38) Trichloroethene	7.282	130	1246804	10.336	ppbv	99
39) 1,2-Dichloropropane	7.063	63	793242	9.159	ppbv	95
40) 1,4-Dioxane	7.279	88	299556	8.743	ppbv	72
41) Tetrahydrofuran	5.545	42	769155	9.323	ppbv	100
42) Bromodichloromethane	7.240	83	1849921	9.422	ppbv	98
43) Methyl Methacrylate	7.465	69	823775	10.042	ppbv	99
44) 2,2,4-Trimethylpentane	7.320	57	3501229	9.513	ppbv	100
45) t-1,3-Dichloropropene	8.706	75	770074	10.769	ppbv	98

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Reviewed By : Semsettin Yesilyurt 03/17/2023
 Supervised By : Mahesh Dadoda 03/17/2023

Quant Time: Mar 17 04:13:04 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M

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

QLast Update : Wed Mar 15 16:14:43 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	1065870	10.496	ppbv	98
47) 1,1,2-Trichloroethane	8.893	97	845910	9.154	ppbv	92
48) Dibromochloromethane	9.703	129	1440616	9.474	ppbv	100
49) Bromoform	12.404	173	1063498	9.312	ppbv	100
50) 4-Methyl-2-Pentanone	8.172	43	2126458	9.612	ppbv	100
51) 2-Hexanone	9.542	43	1622806	9.469	ppbv #	100
52) Tetrachloroethene	10.610	164	669435	10.024	ppbv	96
53) Toluene	9.214	91	2285967	9.882	ppbv	98
54) 1,2-Dibromoethane	10.002	107	912380	9.592	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.503	131	1025859	8.264	ppbv	98
57) Chlorobenzene	11.520	112	1706094	8.128	ppbv	98
58) Ethyl Benzene	12.082	91	3090951	9.200	ppbv	99
59) m/p-Xylene	12.365	91	5329618m	17.316	ppbv	
60) o-Xylene	13.050	91	2552487	8.675	ppbv	100
61) Styrene	12.892	104	1426894	9.557	ppbv	99
62) Isopropylbenzene	14.024	105	3573101	8.528	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.044	83	801413	7.741	ppbv	100
64) n-propylbenzene	14.915	120	909224	8.867	ppbv	99
65) tert-Butylbenzene	16.088	119	3181217	8.810	ppbv	100
66) Benzyl Chloride	16.323	91	208358	8.879	ppbv #	96
67) sec-Butylbenzene	16.635	105	4586861	8.883	ppbv	100
69) p-Isopropyltoluene	16.989	119	3750691	9.327	ppbv	100
70) n-Butylbenzene	17.883	91	4213643	9.511	ppbv	100
71) 2-Chlorotoluene	14.796	91	2776094	8.705	ppbv	100
72) 4-Ethyltoluene	15.188	105	2943837	9.151	ppbv	99
73) 1,3,5-Trimethylbenzene	15.346	105	2621941	8.998	ppbv	96
74) 1,2,4-Trimethylbenzene	16.105	105	2921259	8.791	ppbv	98
75) 1,3-Dichlorobenzene	16.323	146	1612609	8.960	ppbv	99
76) 1,4-Dichlorobenzene	16.468	146	1581894	9.215	ppbv	99
77) 1,2-Dichlorobenzene	17.140	146	1607013	9.289	ppbv	100
78) Hexachloro-1,3-Butadiene	22.628	225	1126249	8.877	ppbv	100
79) Naphthalene	21.384	128	2326260	11.833	ppbv	98
80) Naphthalene,2-methyl-	24.371	142	419051	8.417	ppbv	96
81) 1,2,4-Trichlorobenzene	21.137	180	1226649	10.131	ppbv	99

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

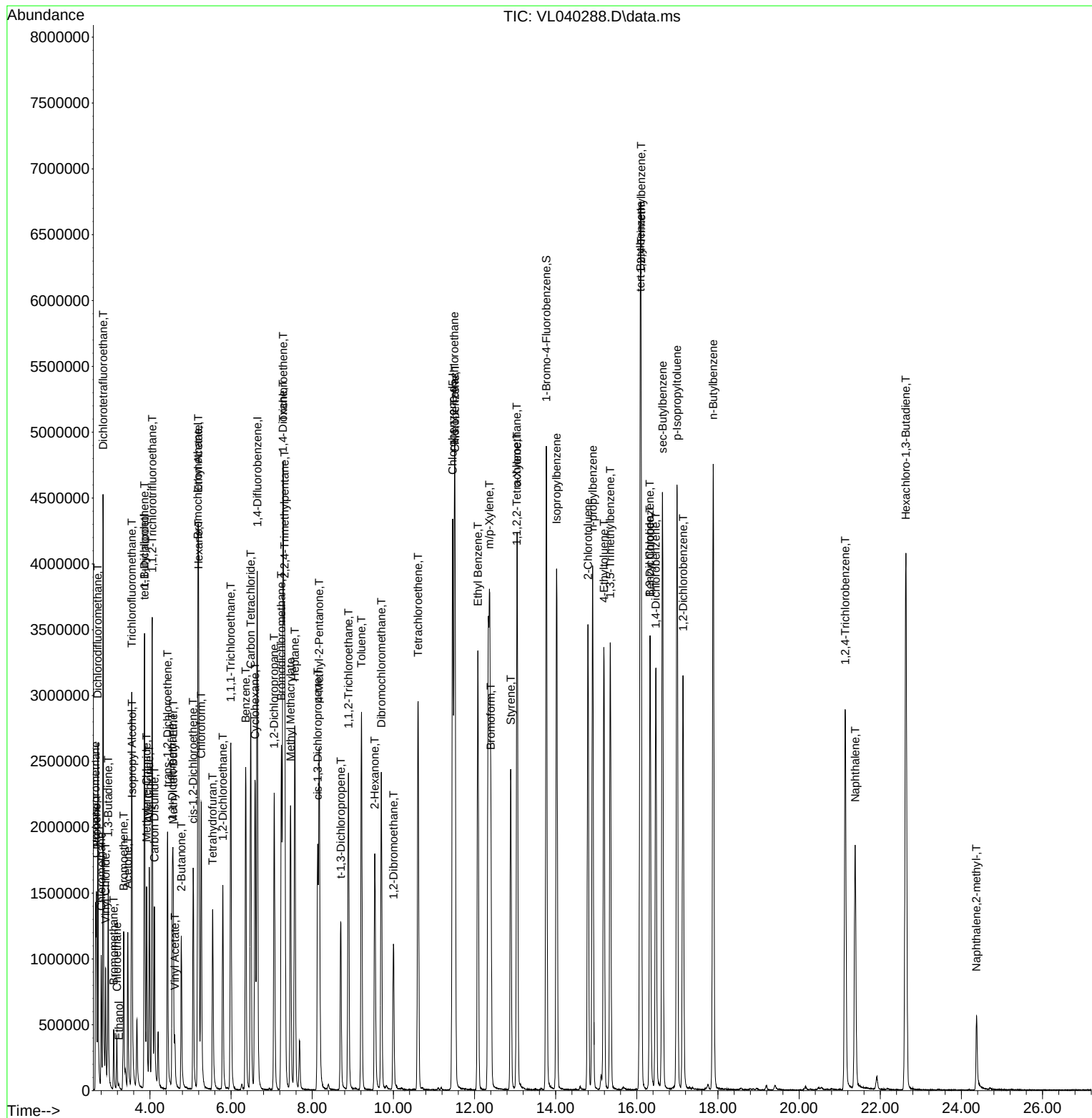
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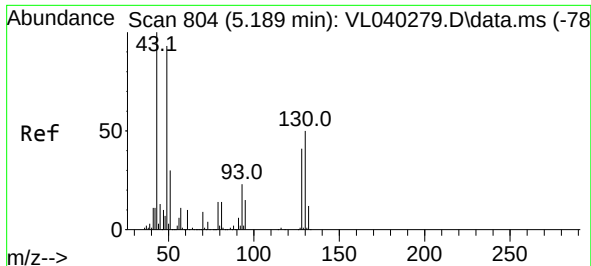
Instrument :
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 ClientSampleId :
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Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 03/17/2023
 Supervised By :Mahesh Dadoda 03/17/2023

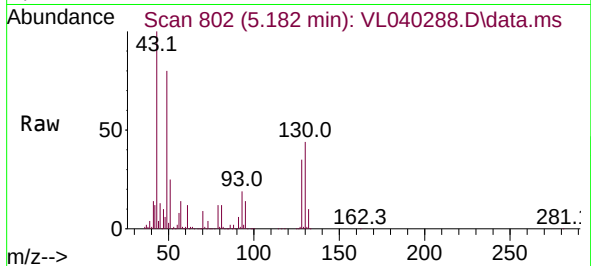
Quant Time: Mar 17 04:13:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
 QLast Update : Wed Mar 15 16:14:43 2023
 Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.007 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

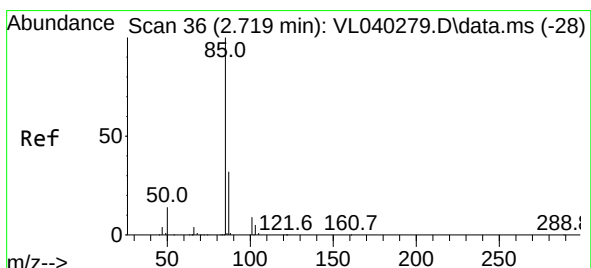
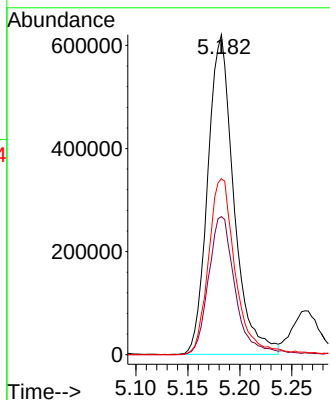
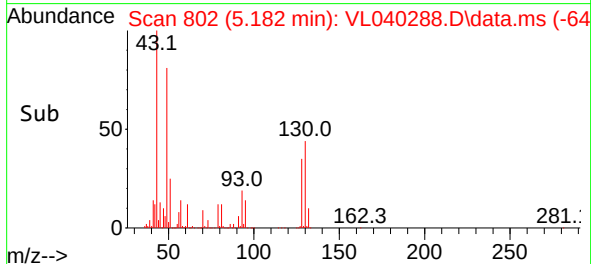
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



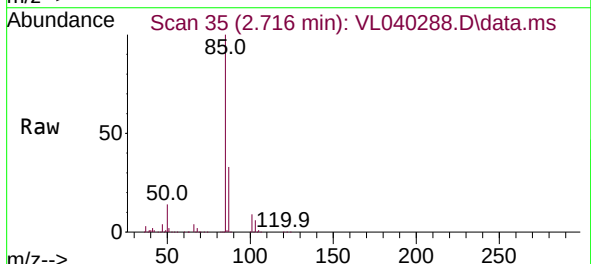
Tgt Ion: 49 Resp: 108338
Ion Ratio Lower Upper
49 100
128 44.9 22.4 67.3
130 58.0 28.7 86.1

Manual Integrations
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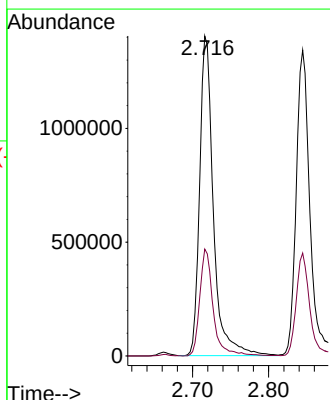
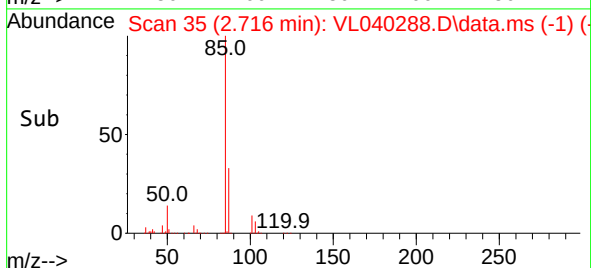
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

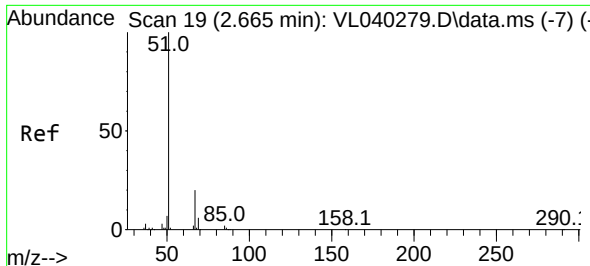


#2
Dichlorodifluoromethane
Concen: 8.310 ppbv
RT: 2.716 min Scan# 35
Delta R.T. -0.003 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11



Tgt Ion: 85 Resp: 1766348
Ion Ratio Lower Upper
85 100
87 33.3 25.5 38.3





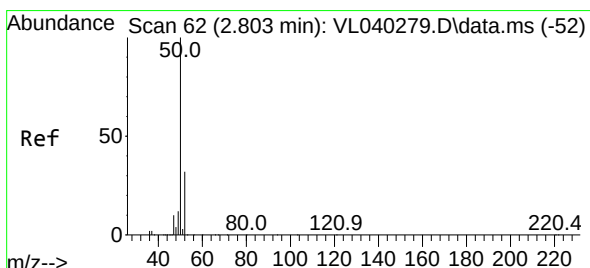
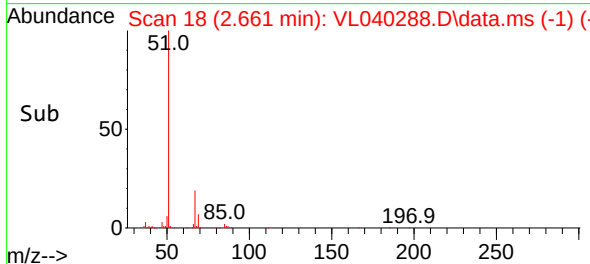
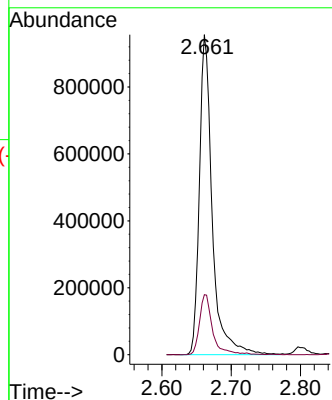
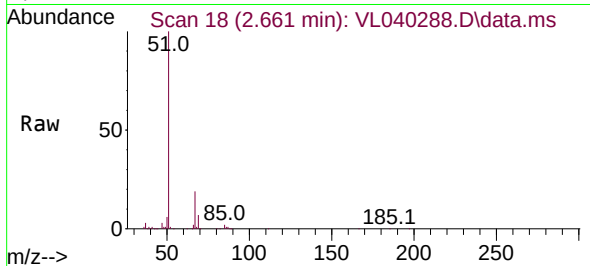
#3
Chlorodifluoromethane
Concen: 9.032 ppbv
RT: 2.661 min Scan# 11
Delta R.T. -0.004 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 51 Resp: 1230528
Ion Ratio Lower Upper
51 100
67 19.3 16.0 24.0

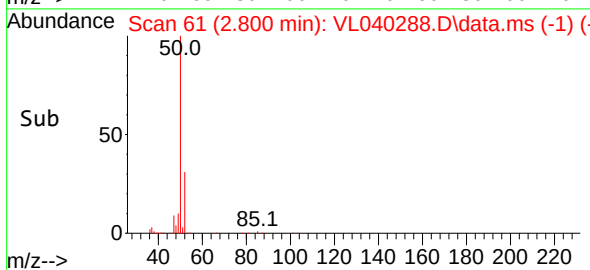
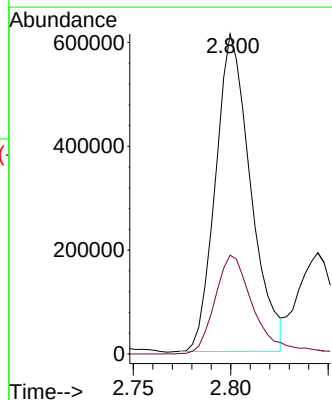
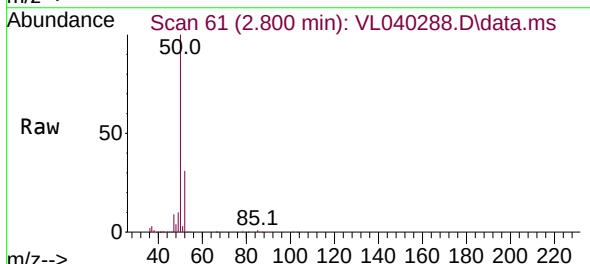
Manual Integrations
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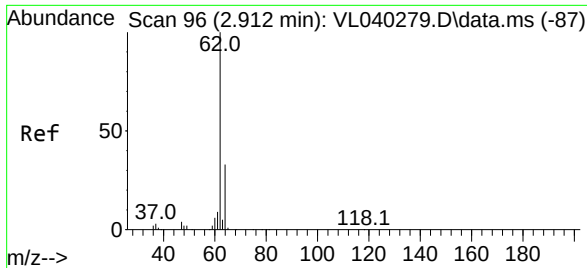
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#4
Chloromethane
Concen: 9.113 ppbv
RT: 2.800 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

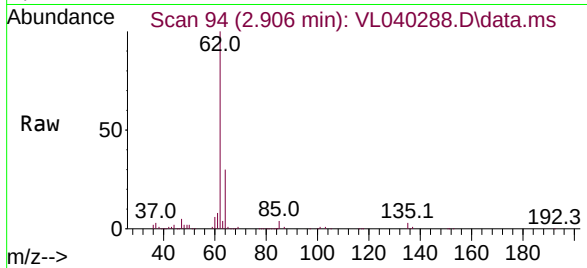
Tgt Ion: 50 Resp: 766628
Ion Ratio Lower Upper
50 100
52 31.0 25.9 38.9





#5
 Vinyl Chloride
 Concen: 9.753 ppbv
 RT: 2.906 min Scan# 94
 Delta R.T. -0.006 min
 Lab File: VL040288.D
 Acq: 16 Mar 2023 9:11

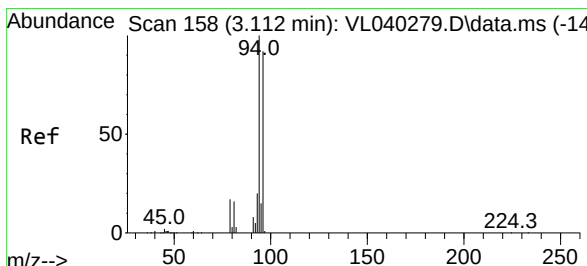
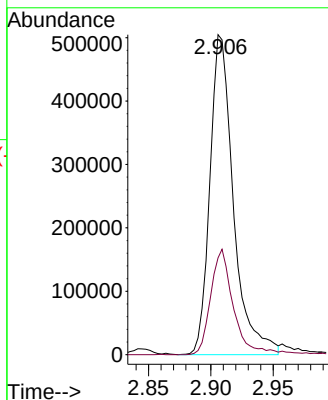
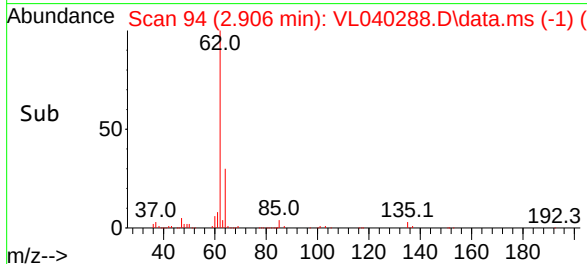
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



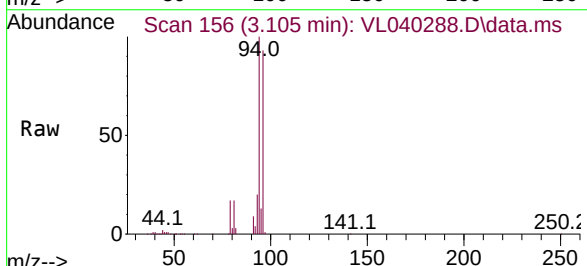
Tgt Ion: 62 Resp: 664285
 Ion Ratio Lower Upper
 62 100
 64 30.3 26.4 39.6

Manual Integrations
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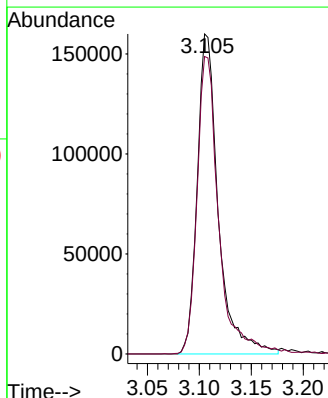
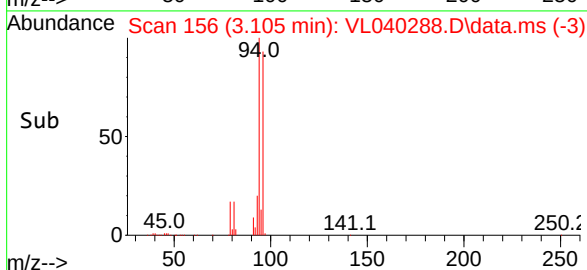
Reviewed By :Semsettin Yesilyurt 03/17/2023
 Supervised By :Mahesh Dadoda 03/17/2023

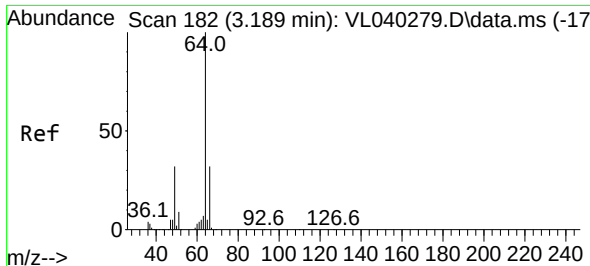


#6
 Bromomethane
 Concen: 9.555 ppbv
 RT: 3.105 min Scan# 156
 Delta R.T. -0.007 min
 Lab File: VL040288.D
 Acq: 16 Mar 2023 9:11



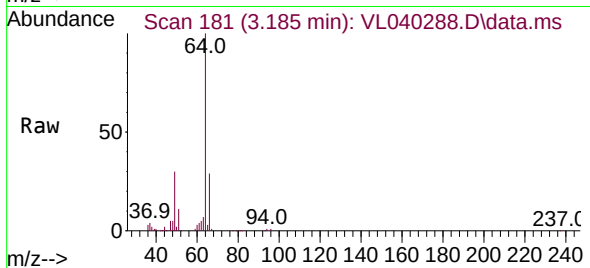
Tgt Ion: 94 Resp: 225701
 Ion Ratio Lower Upper
 94 100
 96 92.8 73.7 110.5





#7
Chloroethane
Concen: 9.156 ppbv
RT: 3.185 min Scan# 11
Delta R.T. -0.004 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

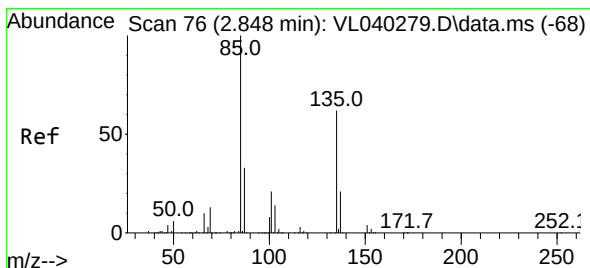
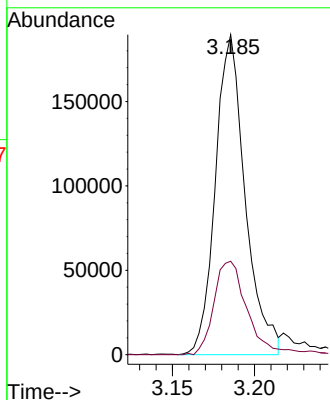
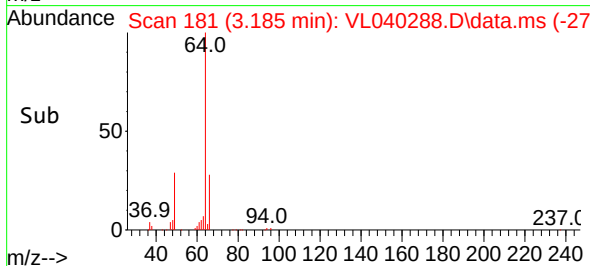
Instrument :
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ClientSampleId :
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Tgt Ion: 64 Resp: 239420
Ion Ratio Lower Upper
64 100
66 29.2 25.5 38.3

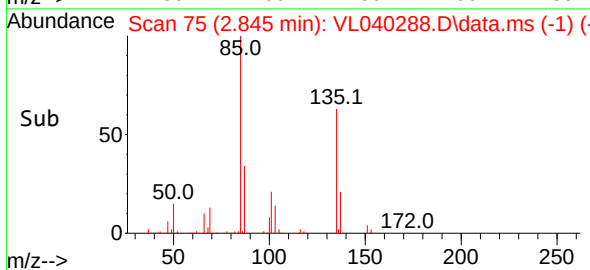
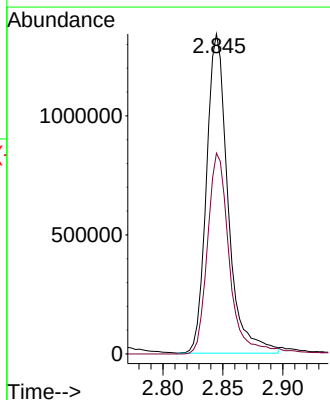
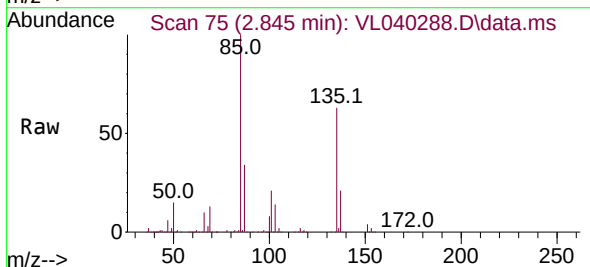
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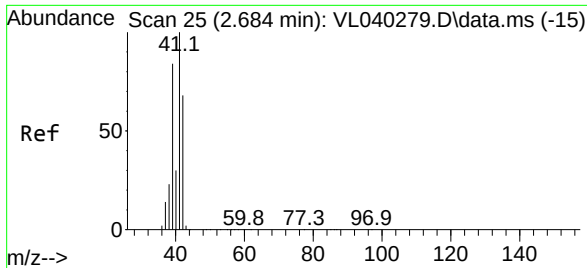
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#8
Dichlorotetrafluoroethane
Concen: 9.194 ppbv
RT: 2.845 min Scan# 75
Delta R.T. -0.003 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

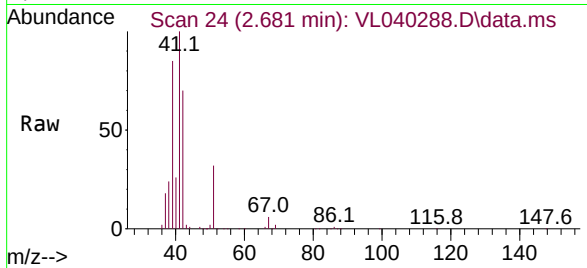
Tgt Ion: 85 Resp: 1672882
Ion Ratio Lower Upper
85 100
135 65.3 52.0 78.0





#9
 Propene
 Concen: 9.716 ppbv
 RT: 2.681 min Scan# 24
 Delta R.T. -0.003 min
 Lab File: VL040288.D
 Acq: 16 Mar 2023 9:11

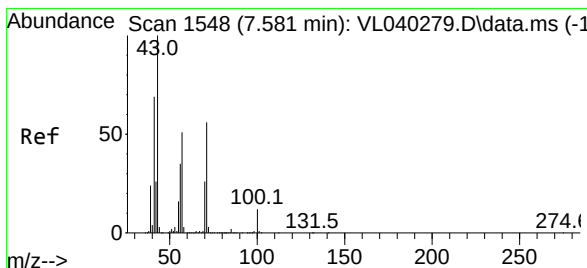
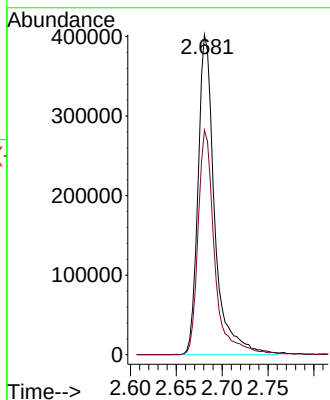
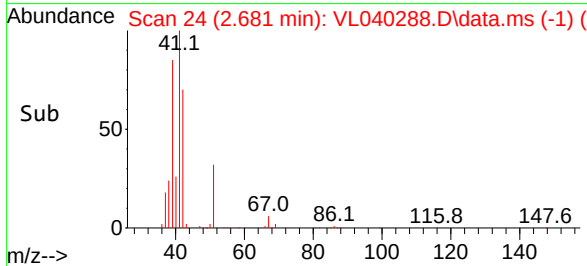
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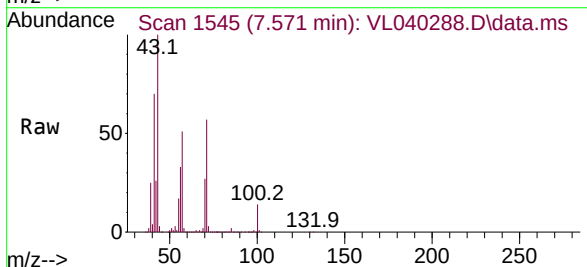
Tgt Ion: 41 Resp: 50710
 Ion Ratio Lower Upper
 41 100
 42 70.4 59.0 88.4

Manual Integrations
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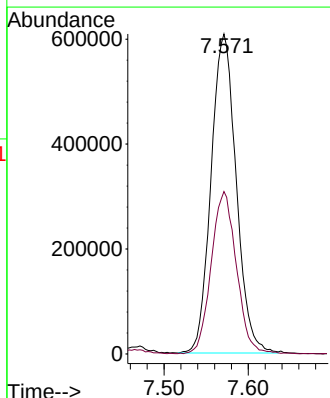
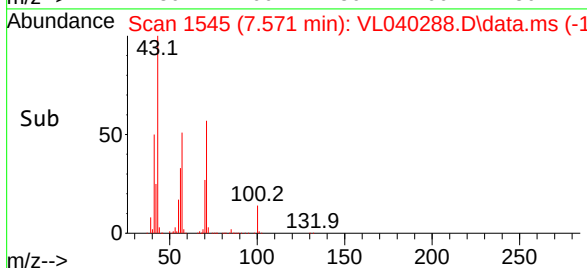
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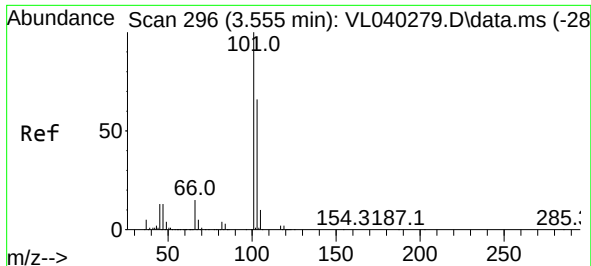


#10
 Heptane
 Concen: 10.022 ppbv
 RT: 7.571 min Scan# 1545
 Delta R.T. -0.010 min
 Lab File: VL040288.D
 Acq: 16 Mar 2023 9:11



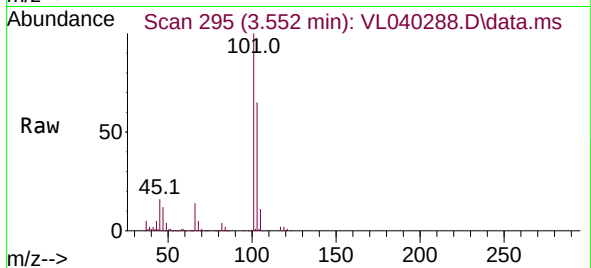
Tgt Ion: 43 Resp: 1258095
 Ion Ratio Lower Upper
 43 100
 57 51.1 41.7 62.5





#11
Trichlorofluoromethane
Concen: 9.227 ppbv
RT: 3.552 min Scan# 296
Delta R.T. -0.003 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

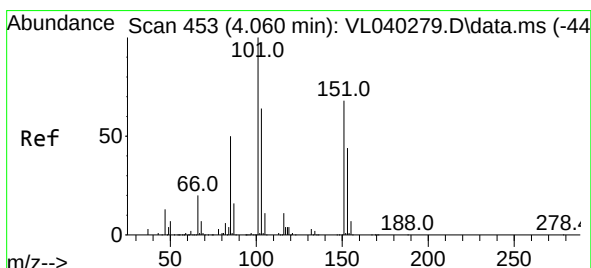
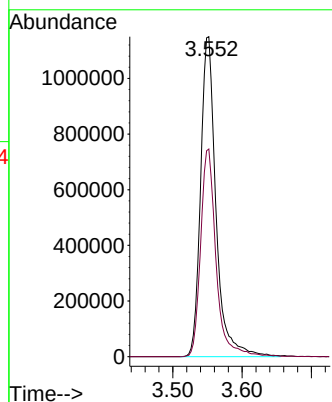
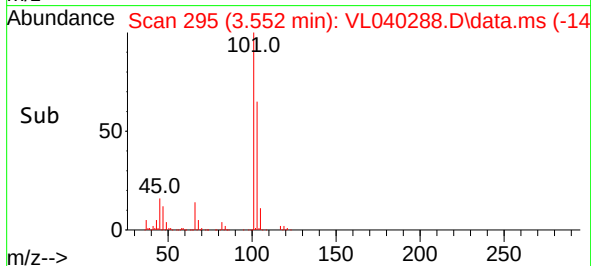
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



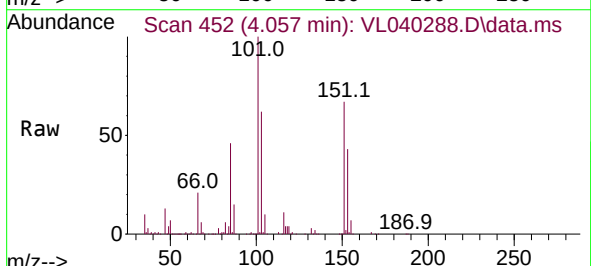
Tgt Ion:101 Resp: 1777050
Ion Ratio Lower Upper
101 100
103 64.9 53.1 79.7

Manual Integrations
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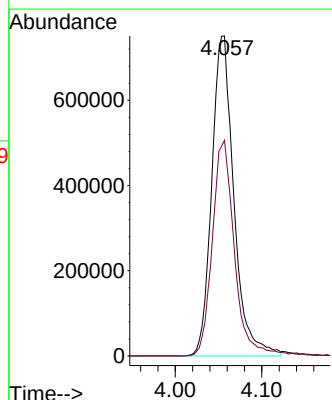
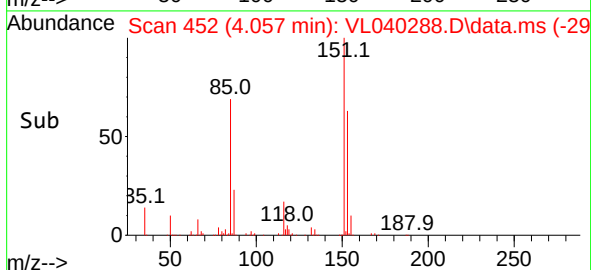
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

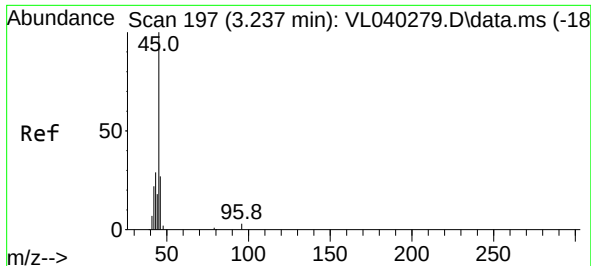


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.206 ppbv
RT: 4.057 min Scan# 452
Delta R.T. -0.003 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11



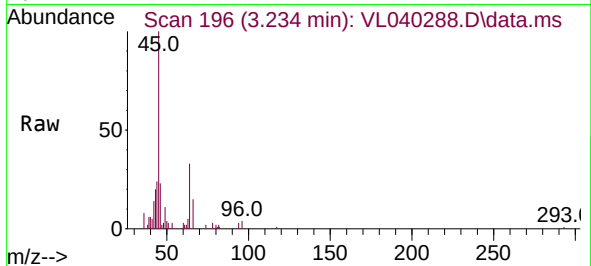
Tgt Ion:101 Resp: 1331552
Ion Ratio Lower Upper
101 100
151 67.6 53.2 79.8





#13
Ethanol
Concen: 7.148 ppbv
RT: 3.234 min Scan# 197
Delta R.T. -0.003 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

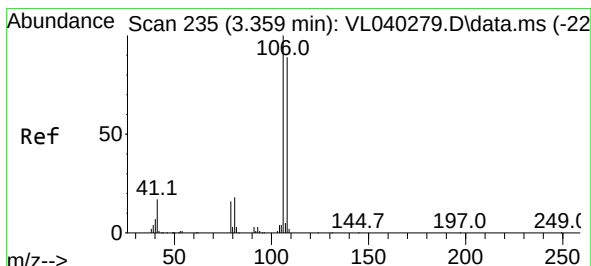
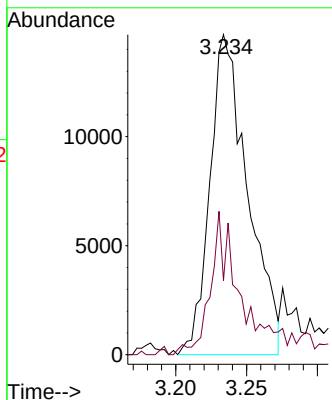
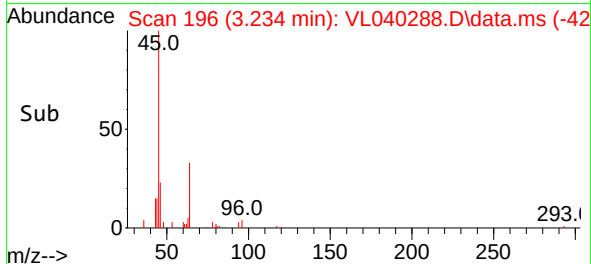
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



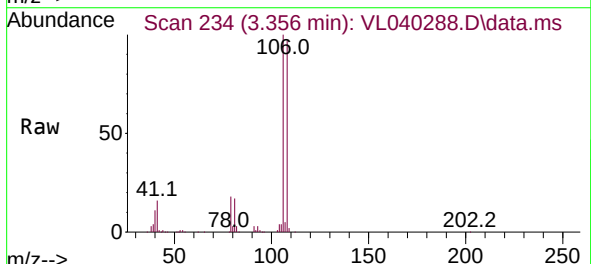
Tgt Ion: 45 Resp: 27360
Ion Ratio Lower Upper
45 100
46 40.4 15.0 60.2

Manual Integrations
APPROVED

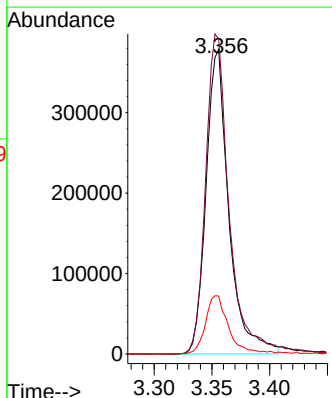
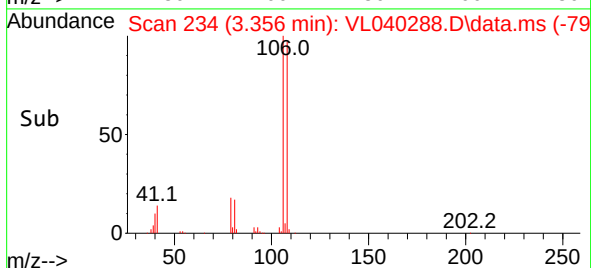
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

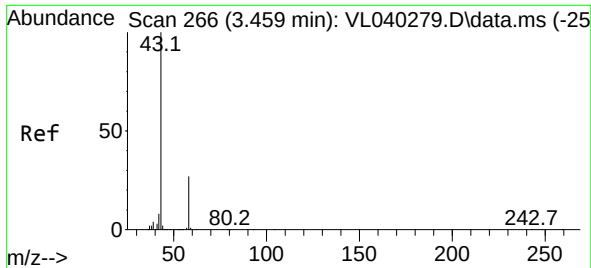


#14
Bromoethene
Concen: 9.640 ppbv
RT: 3.356 min Scan# 234
Delta R.T. -0.003 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11



Tgt Ion:108 Resp: 520090
Ion Ratio Lower Upper
108 100
106 110.0 85.8 128.8
79 20.3 15.8 23.6





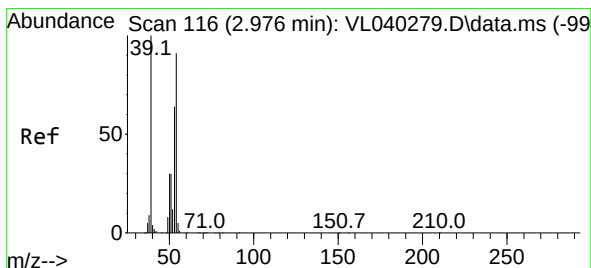
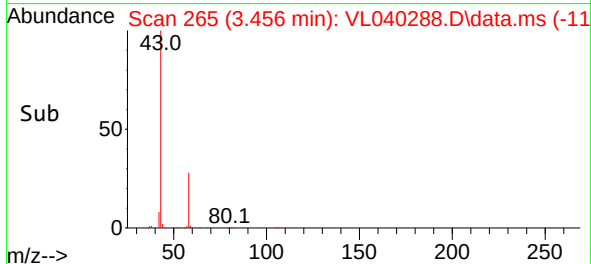
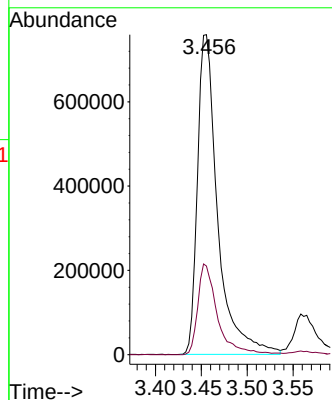
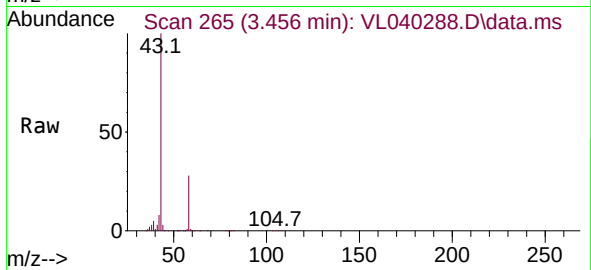
#15
Acetone
Concen: 8.823 ppbv
RT: 3.456 min Scan# 20
Delta R.T. -0.003 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 116364
Ion Ratio Lower Upper
43 100
58 27.7 21.8 32.8

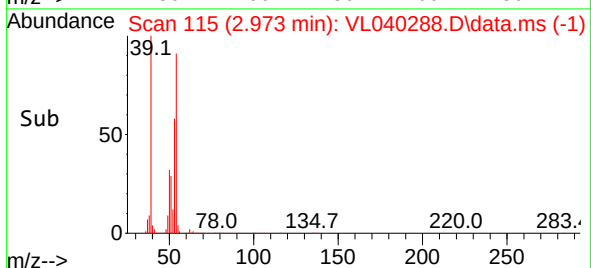
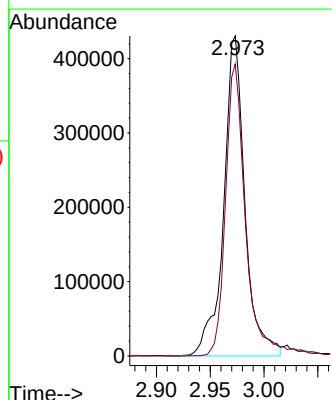
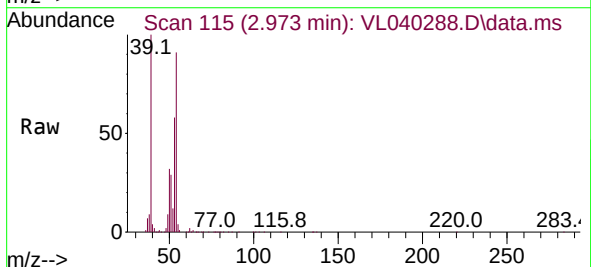
Manual Integrations
APPROVED

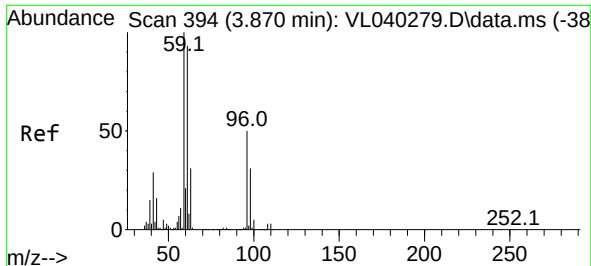
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#16
1,3-Butadiene
Concen: 9.896 ppbv
RT: 2.973 min Scan# 115
Delta R.T. -0.003 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Tgt Ion: 39 Resp: 593301
Ion Ratio Lower Upper
39 100
54 86.9 68.4 102.6





#17

tert-Butyl alcohol

Concen: 10.184 ppbv

RT: 3.864 min Scan# 392

Delta R.T. -0.006 min

Lab File: VL040288.D

Acq: 16 Mar 2023 9:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 1276629

Ion Ratio Lower Upper

59 100

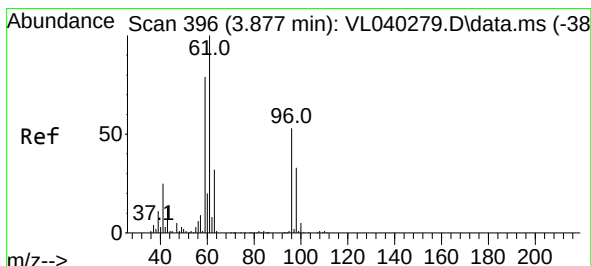
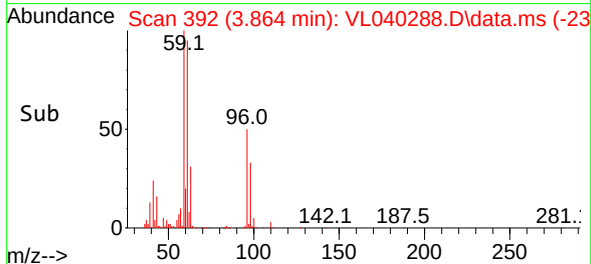
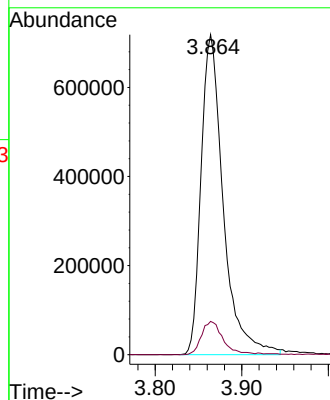
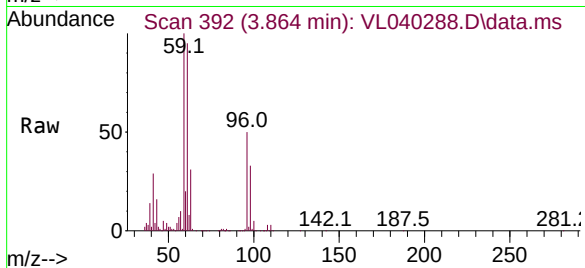
57 10.4 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#18

1,1-Dichloroethene

Concen: 9.599 ppbv

RT: 3.867 min Scan# 393

Delta R.T. -0.010 min

Lab File: VL040288.D

Acq: 16 Mar 2023 9:11

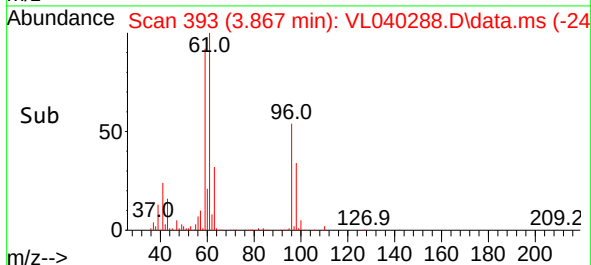
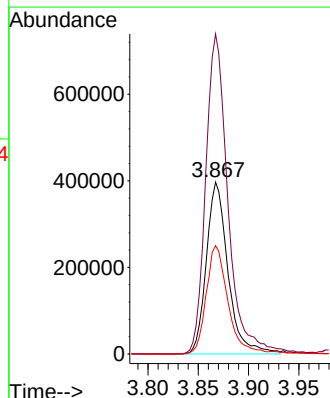
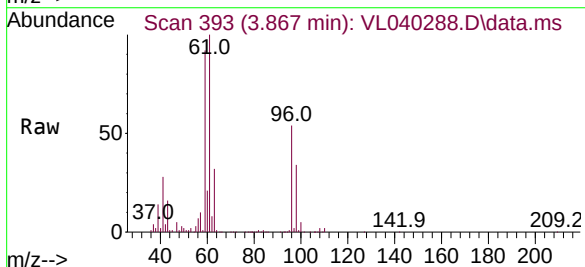
Tgt Ion: 96 Resp: 595631

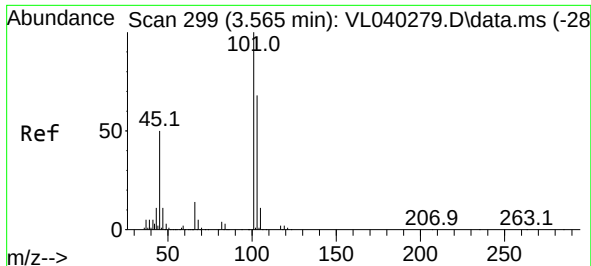
Ion Ratio Lower Upper

96 100

61 186.1 150.6 226.0

98 63.0 50.3 75.5





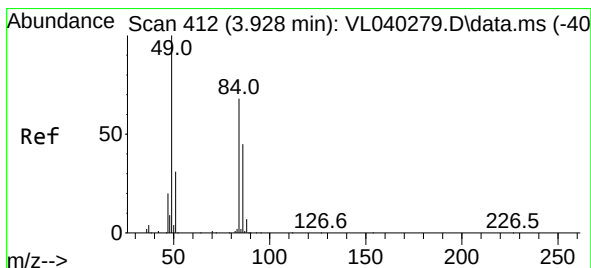
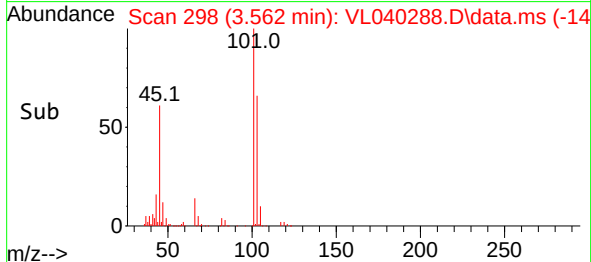
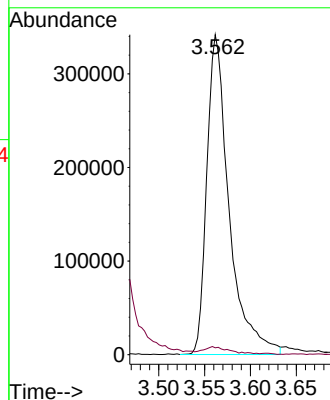
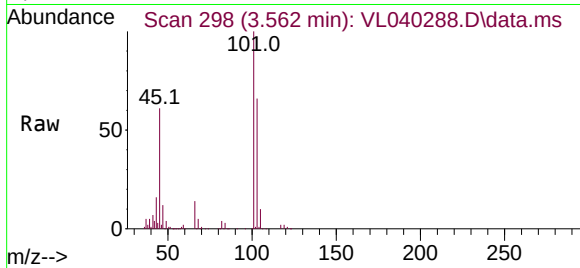
#19
Isopropyl Alcohol
Concen: 9.143 ppbv
RT: 3.562 min Scan# 299
Delta R.T. -0.003 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 45 Resp: 577632
Ion Ratio Lower Upper
45 100
58 2.7 2.7 4.1

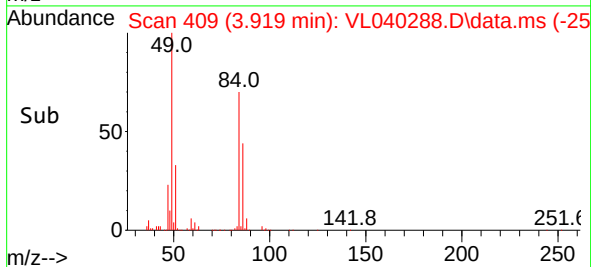
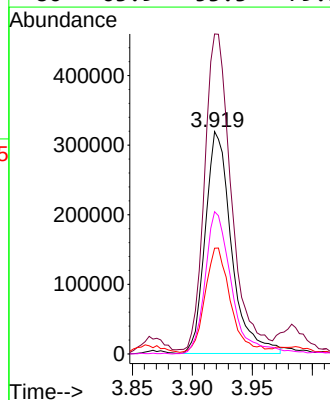
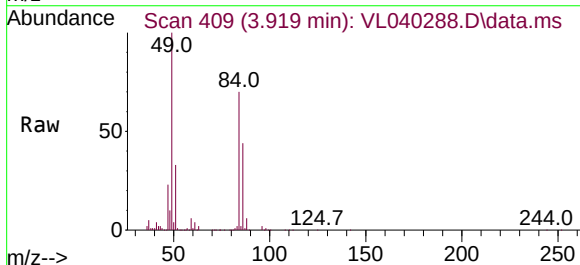
Manual Integrations
APPROVED

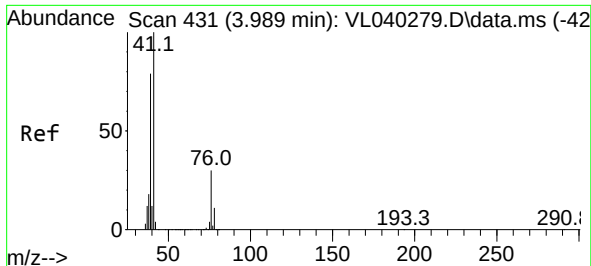
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#20
Methylene Chloride
Concen: 8.739 ppbv
RT: 3.919 min Scan# 409
Delta R.T. -0.009 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

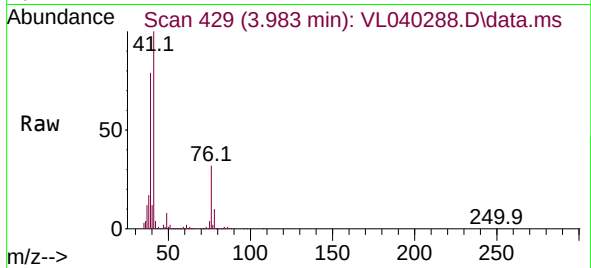
Tgt Ion: 84 Resp: 484924
Ion Ratio Lower Upper
84 100
49 142.2 117.5 176.3
51 46.9 36.9 55.3
86 63.9 53.3 79.9





#21
 Allyl Chloride
 Concen: 9.806 ppbv
 RT: 3.983 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL040288.D
 Acq: 16 Mar 2023 9:11

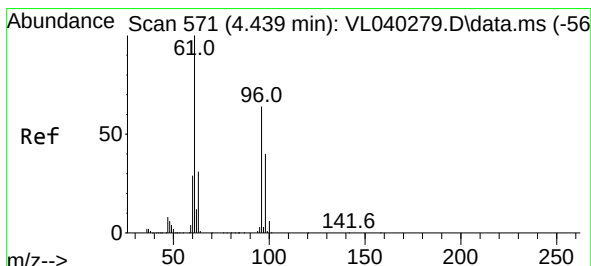
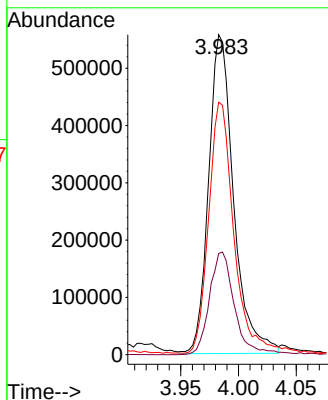
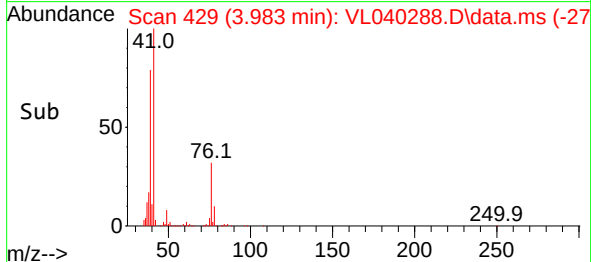
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 837792
 Ion Ratio Lower Upper
 41 100
 76 32.5 25.4 38.0
 39 80.2 65.4 98.2

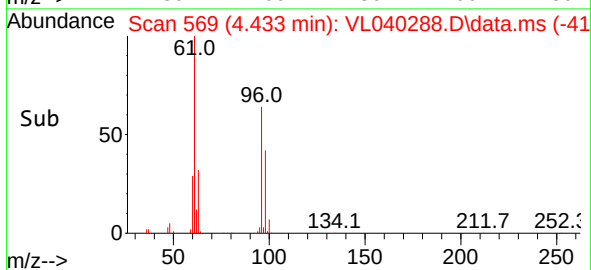
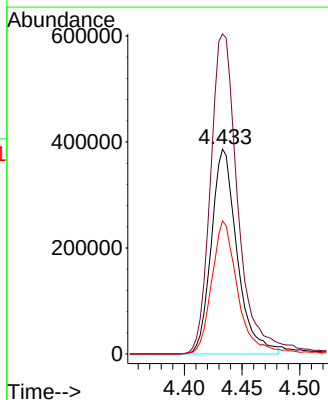
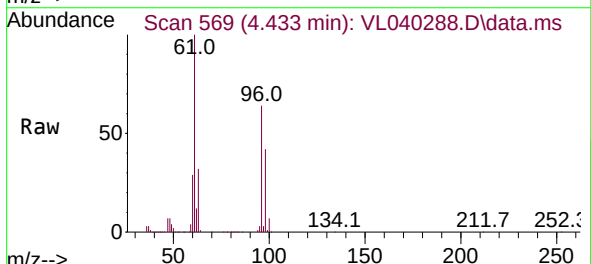
Manual Integrations
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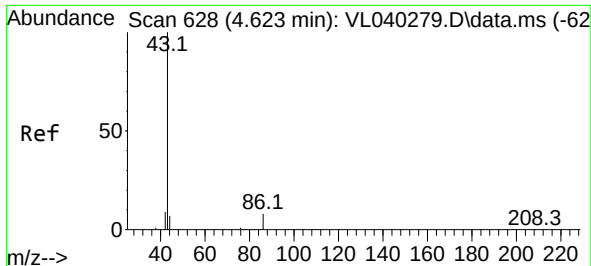
Reviewed By :Semsettin Yesilyurt 03/17/2023
 Supervised By :Mahesh Dadoda 03/17/2023



#22
 trans-1,2-Dichloroethene
 Concen: 9.514 ppbv
 RT: 4.433 min Scan# 569
 Delta R.T. -0.006 min
 Lab File: VL040288.D
 Acq: 16 Mar 2023 9:11

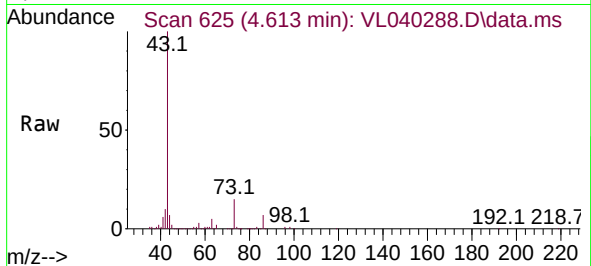
Tgt Ion: 96 Resp: 600862
 Ion Ratio Lower Upper
 96 100
 61 156.2 125.4 188.2
 98 65.0 49.8 74.6





#23
 Vinyl Acetate
 Concen: 10.012 ppbv
 RT: 4.613 min Scan# 61
 Delta R.T. -0.010 min
 Lab File: VL040288.D
 Acq: 16 Mar 2023 9:11

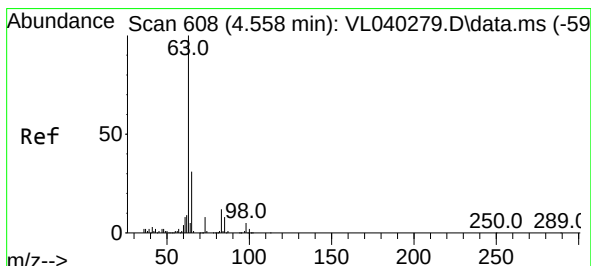
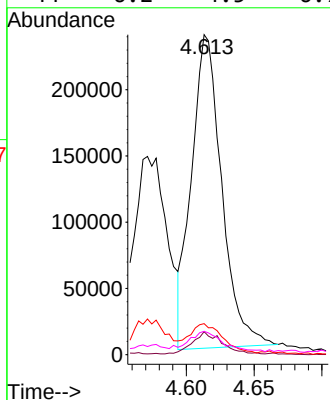
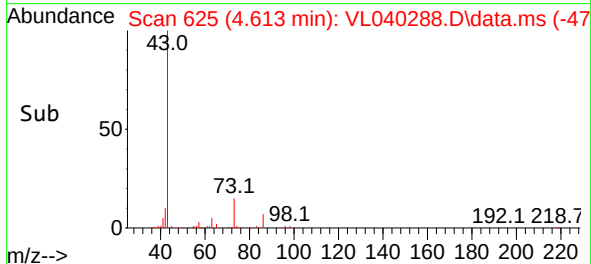
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



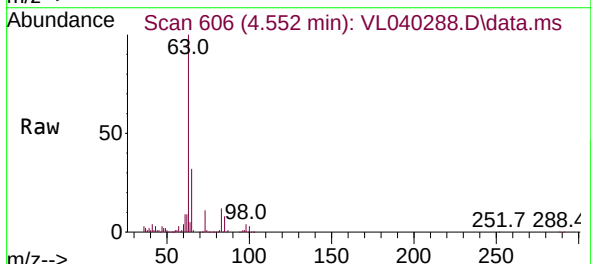
Tgt Ion: 43 Resp: 367364
 Ion Ratio Lower Upper
 43 100
 86 7.3 5.0 7.4
 42 9.3 9.1 13.7
 44 6.2 4.5 6.7

Manual Integrations
 APPROVED

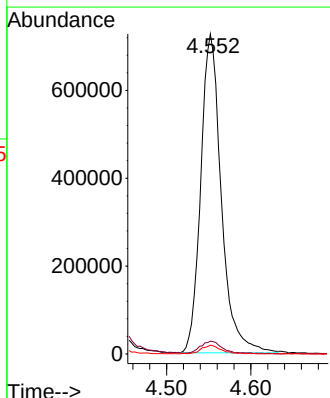
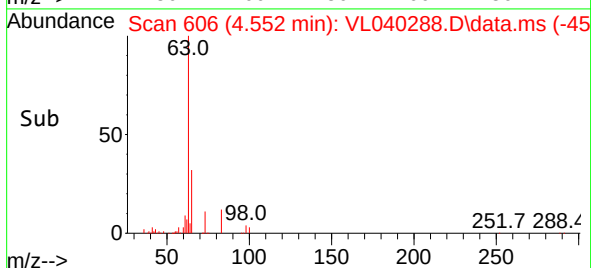
Reviewed By :Semsettin Yesilyurt 03/17/2023
 Supervised By :Mahesh Dadoda 03/17/2023

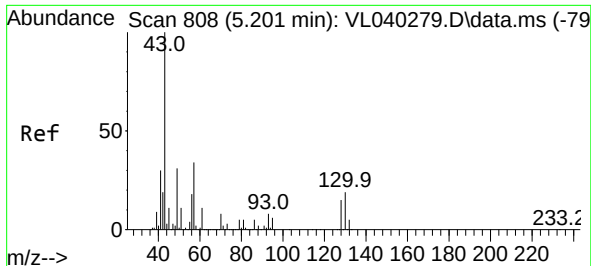


#24
 1,1-Dichloroethane
 Concen: 9.438 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. -0.006 min
 Lab File: VL040288.D
 Acq: 16 Mar 2023 9:11



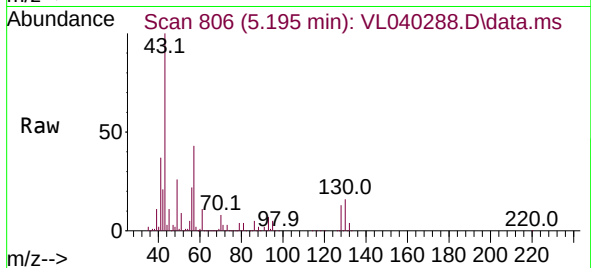
Tgt Ion: 63 Resp: 1235310
 Ion Ratio Lower Upper
 63 100
 98 3.9 2.4 7.2
 100 2.7 1.2 3.6





#25
Ethyl Acetate
Concen: 8.967 ppbv
RT: 5.195 min Scan# 806
Delta R.T. -0.006 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

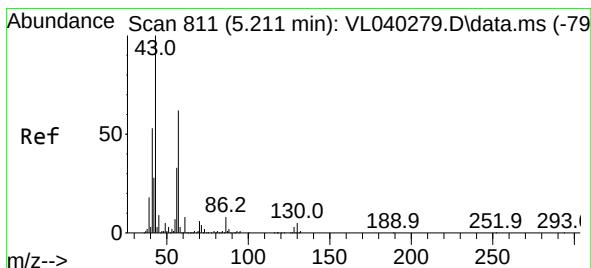
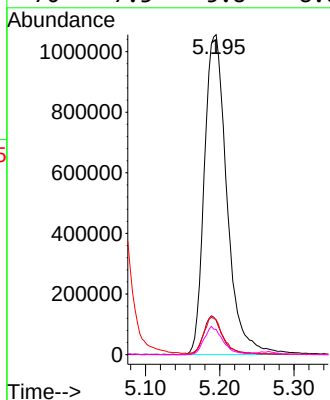
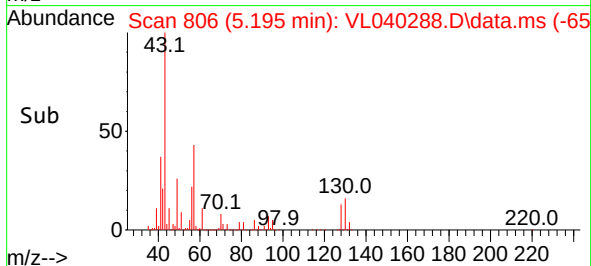
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 2214092
Ion Ratio Lower Upper
43 100
45 10.7 8.6 12.8
61 10.5 8.4 12.6
70 7.3 5.8 8.6

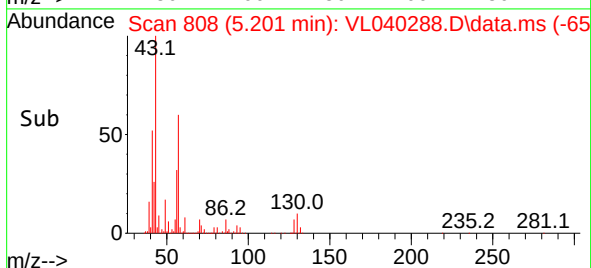
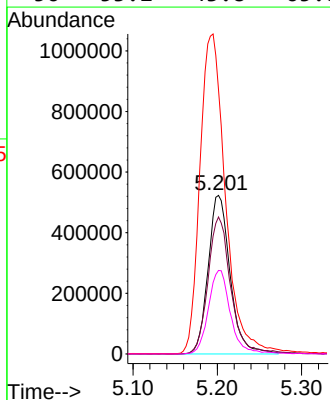
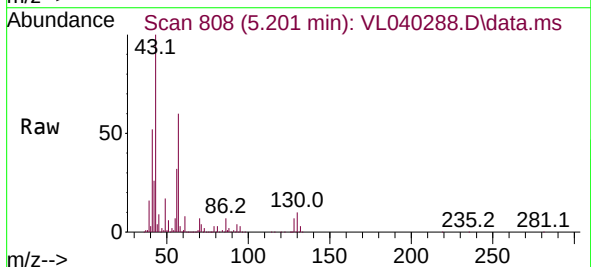
Manual Integrations
APPROVED

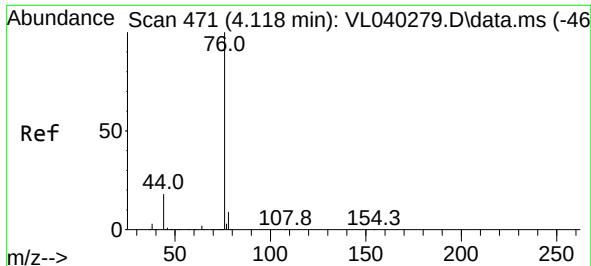
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#26
Hexane
Concen: 9.360 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.010 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

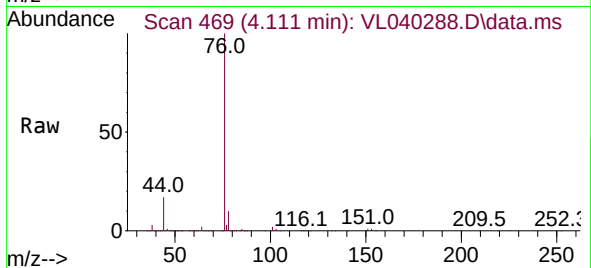
Tgt Ion: 57 Resp: 948709
Ion Ratio Lower Upper
57 100
41 89.8 73.5 110.3
43 235.9 196.3 294.5
56 53.2 43.8 65.8





#27
Carbon Disulfide
Concen: 10.609 ppbv
RT: 4.111 min Scan# 409
Delta R.T. -0.007 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

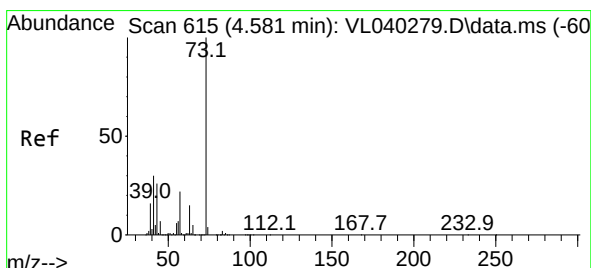
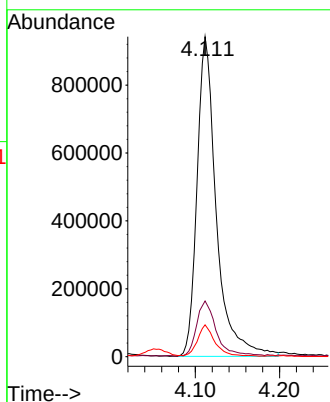
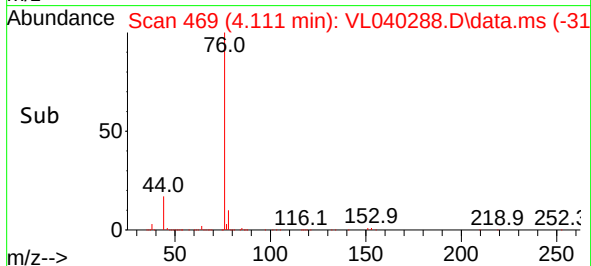
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



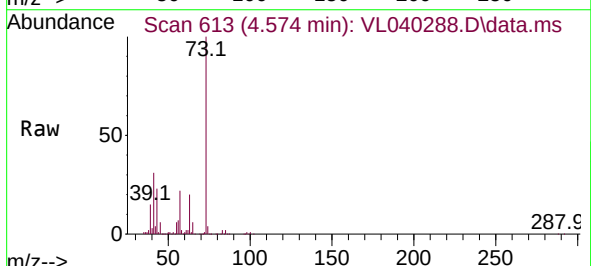
Tgt Ion: 76 Resp: 150196
Ion Ratio Lower Upper
76 100
44 17.7 15.2 22.8
78 9.2 7.6 11.4

Manual Integrations
APPROVED

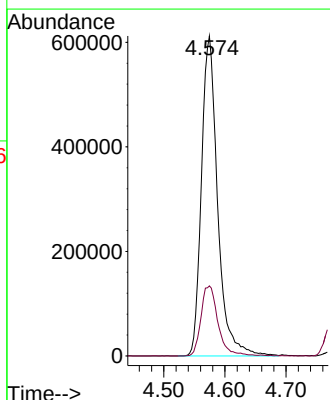
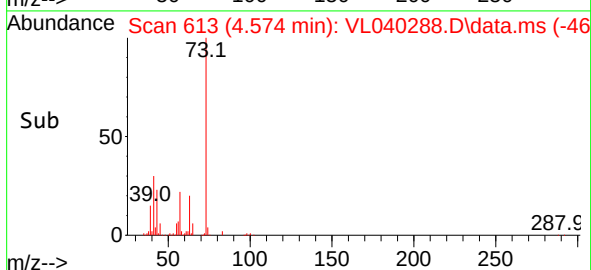
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

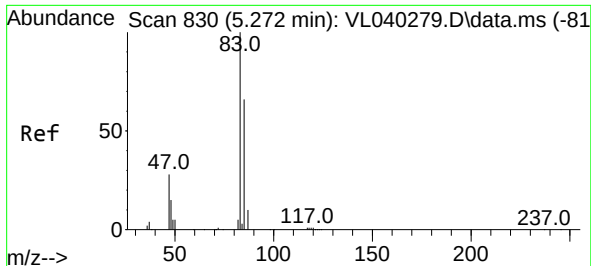


#28
Methyl tert-Butyl Ether
Concen: 9.677 ppbv
RT: 4.574 min Scan# 613
Delta R.T. -0.007 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11



Tgt Ion: 73 Resp: 1126233
Ion Ratio Lower Upper
73 100
57 23.3 18.4 27.6





#29

Chloroform

Concen: 8.449 ppbv

RT: 5.266 min Scan# 81

Delta R.T. -0.006 min

Lab File: VL040288.D

Acq: 16 Mar 2023 9:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 151214

Ion Ratio Lower Upper

83 100

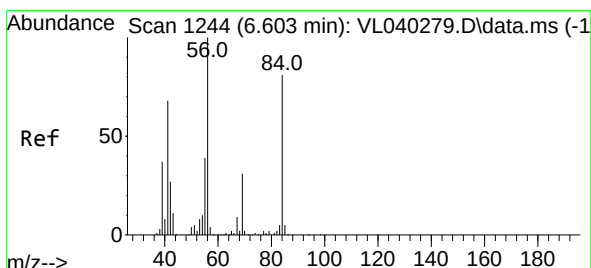
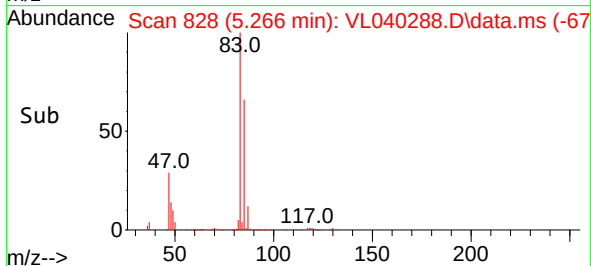
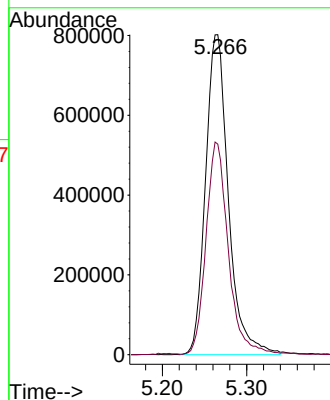
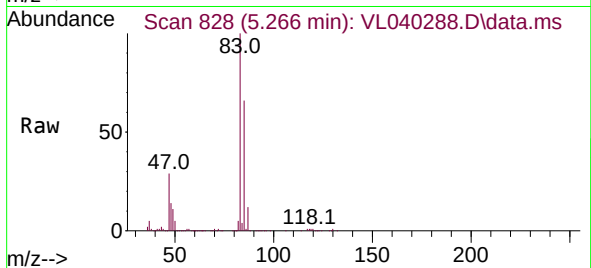
85 65.7 52.8 79.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#30

Cyclohexane

Concen: 10.023 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. -0.009 min

Lab File: VL040288.D

Acq: 16 Mar 2023 9:11

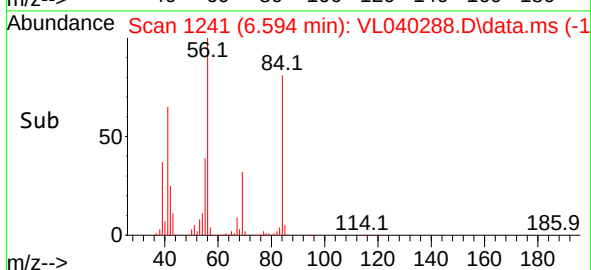
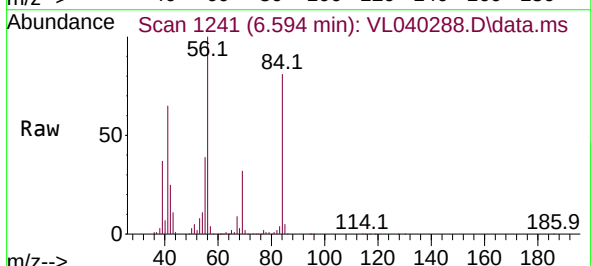
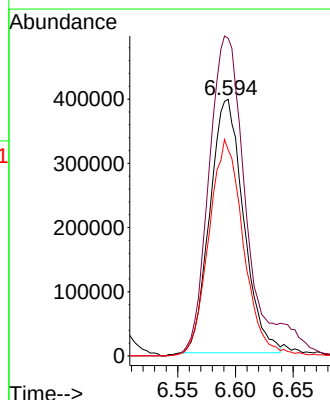
Tgt Ion: 84 Resp: 800531

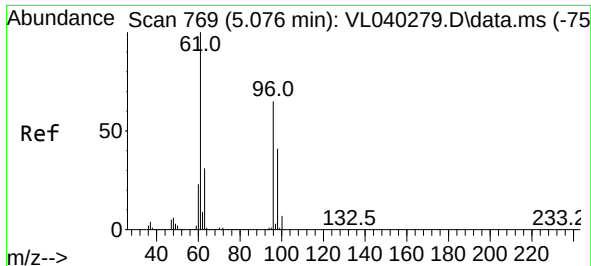
Ion Ratio Lower Upper

84 100

56 142.7 109.0 163.4

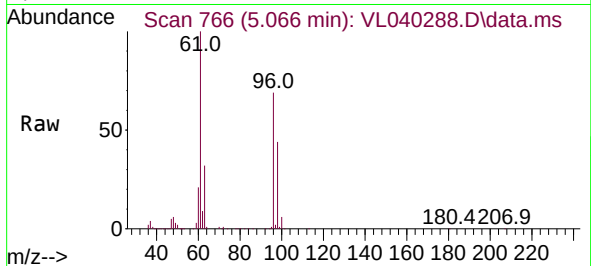
41 87.9 67.9 101.9





#31
 cis-1,2-Dichloroethene
 Concen: 9.421 ppbv
 RT: 5.066 min Scan# 766
 Delta R.T. -0.010 min
 Lab File: VL040288.D
 Acq: 16 Mar 2023 9:11

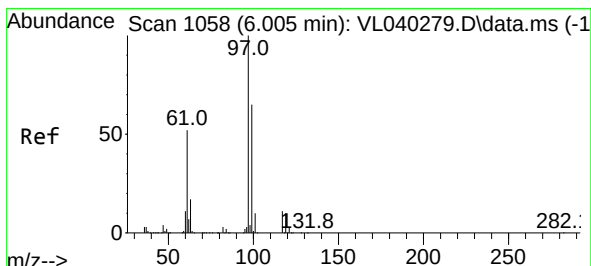
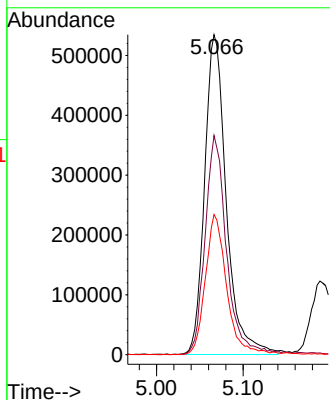
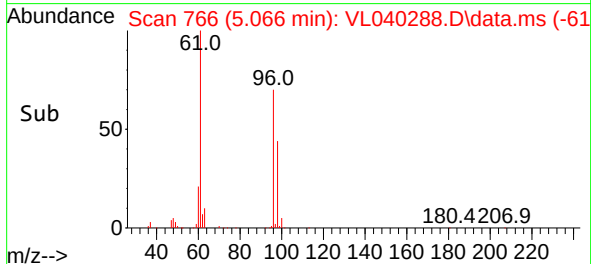
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



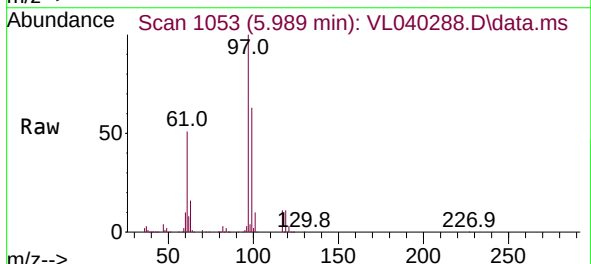
Tgt Ion: 61 Resp: 929933
 Ion Ratio Lower Upper
 61 100
 96 68.4 51.8 77.8
 98 43.7 32.5 48.7

Manual Integrations
 APPROVED

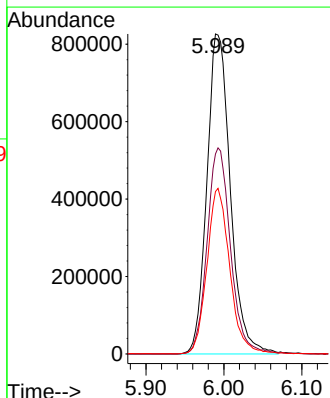
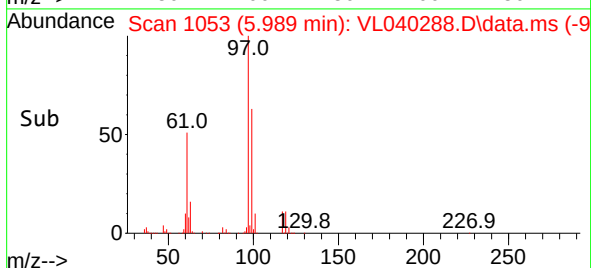
Reviewed By :Semsettin Yesilyurt 03/17/2023
 Supervised By :Mahesh Dadoda 03/17/2023

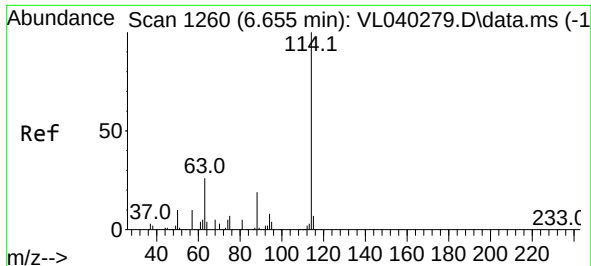


#32
 1,1,1-Trichloroethane
 Concen: 10.079 ppbv
 RT: 5.989 min Scan# 1053
 Delta R.T. -0.016 min
 Lab File: VL040288.D
 Acq: 16 Mar 2023 9:11



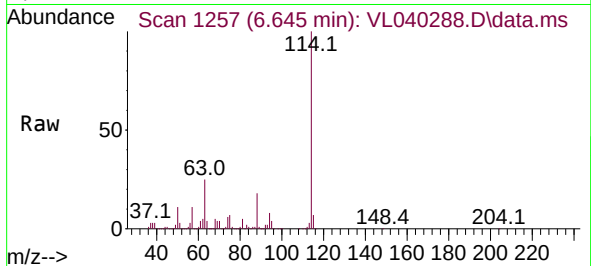
Tgt Ion: 97 Resp: 1728251
 Ion Ratio Lower Upper
 97 100
 99 64.4 52.2 78.2
 61 50.8 41.4 62.2





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 114
Delta R.T. -0.010 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

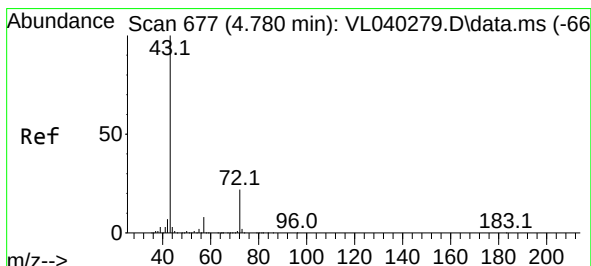
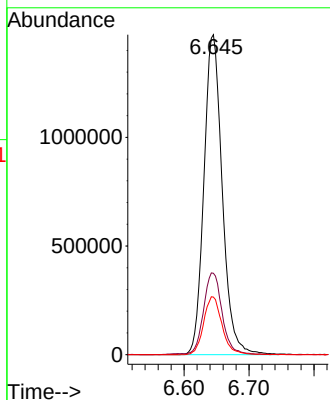
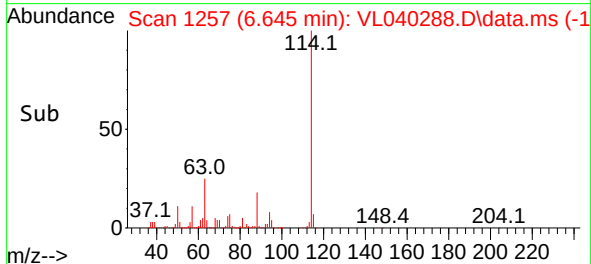
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:114 Resp: 2896544
Ion Ratio Lower Upper
114 100
63 26.3 21.2 31.8
88 18.2 14.5 21.7

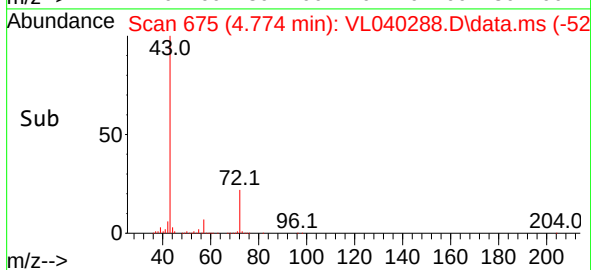
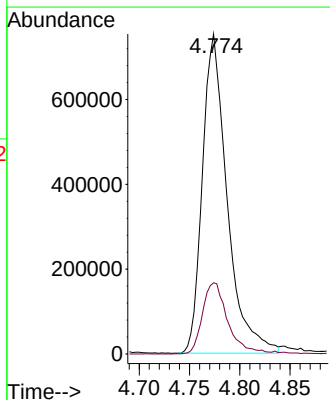
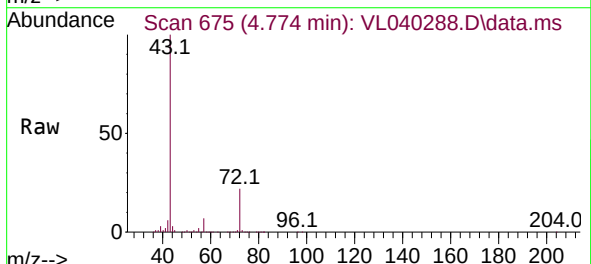
Manual Integrations
APPROVED

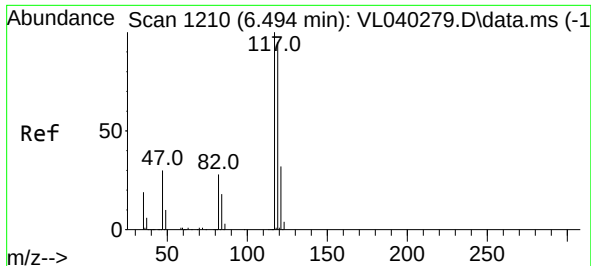
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#34
2-Butanone
Concen: 9.005 ppbv
RT: 4.774 min Scan# 675
Delta R.T. -0.006 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

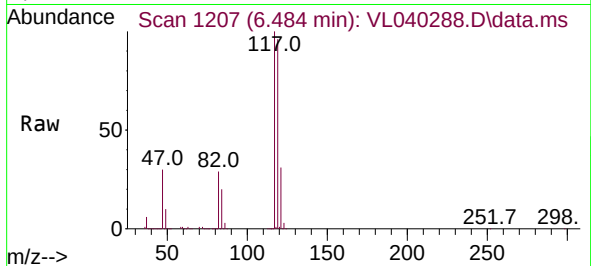
Tgt Ion: 43 Resp: 1287286
Ion Ratio Lower Upper
43 100
72 23.5 18.3 27.5





#35
Carbon Tetrachloride
Concen: 9.831 ppbv
RT: 6.484 min Scan# 1169
Delta R.T. -0.010 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

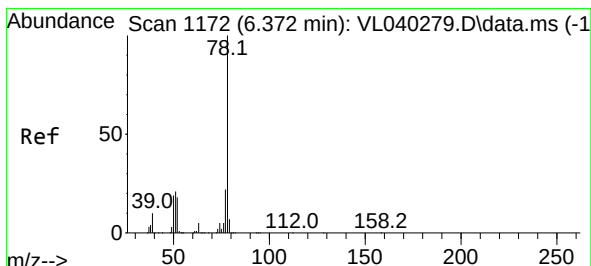
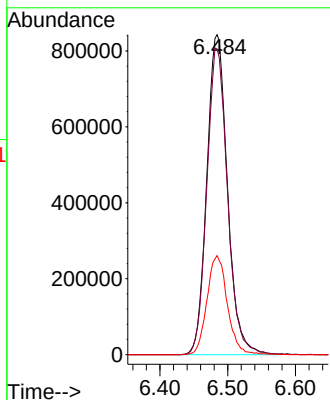
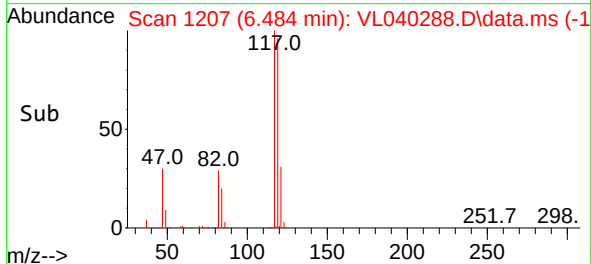
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 1786960
Ion Ratio Lower Upper
117 100
119 95.6 76.4 114.6
121 31.0 25.6 38.4

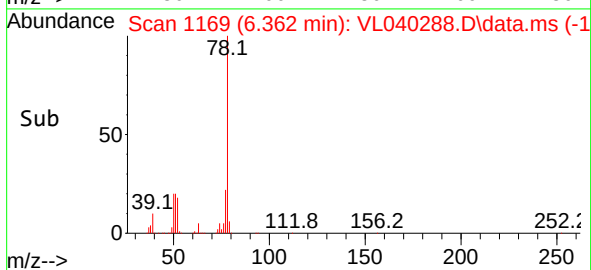
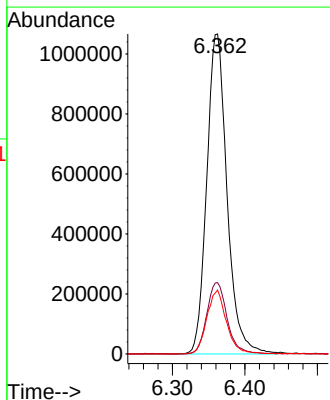
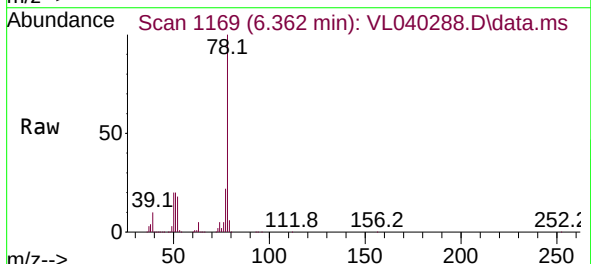
Manual Integrations
APPROVED

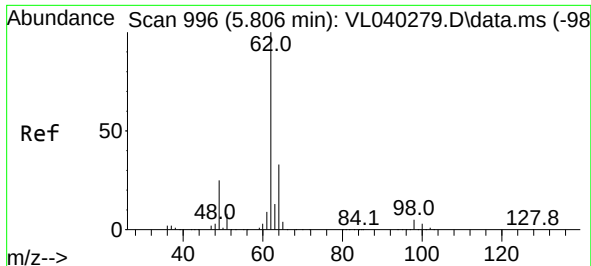
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#36
Benzene
Concen: 9.401 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.010 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Tgt Ion: 78 Resp: 2075248
Ion Ratio Lower Upper
78 100
77 22.3 17.8 26.8
50 19.9 15.4 23.2





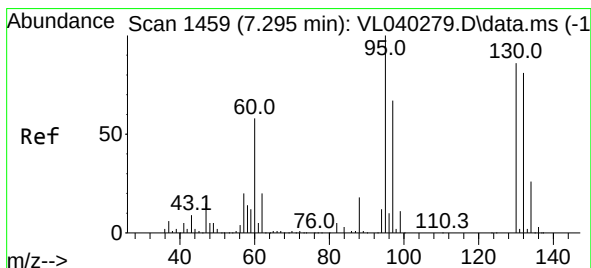
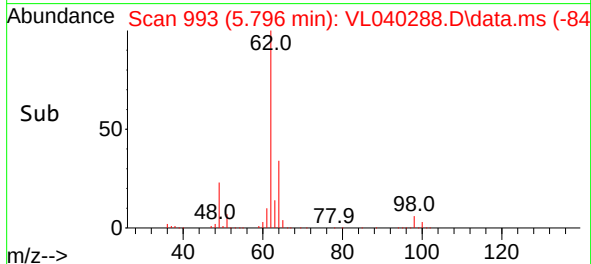
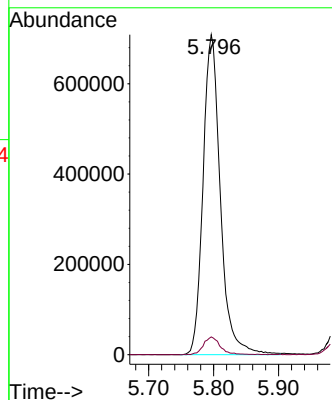
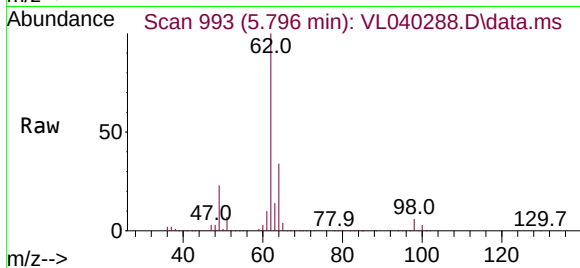
#37
1,2-Dichloroethane
Concen: 9.179 ppbv
RT: 5.796 min Scan# 996
Delta R.T. -0.010 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 131871
Ion Ratio Lower Upper
62 100
98 5.5 4.3 6.5

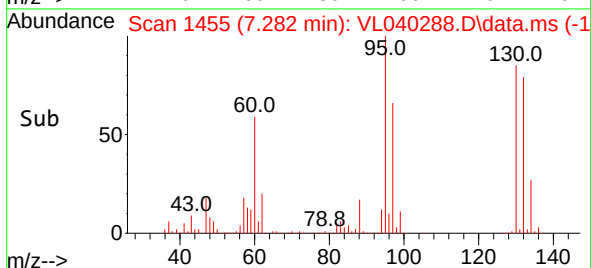
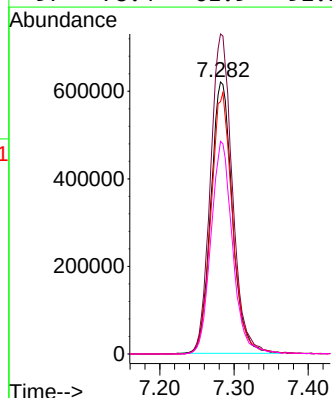
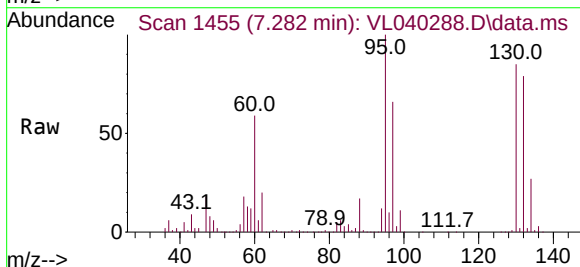
Manual Integrations
APPROVED

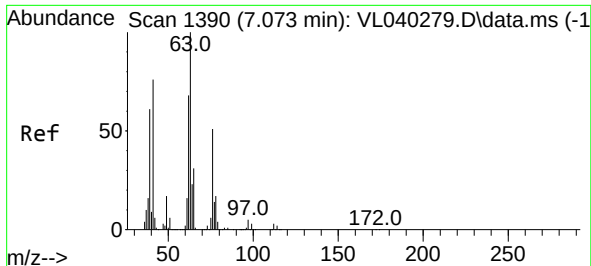
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#38
Trichloroethene
Concen: 10.336 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. -0.013 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Tgt Ion:130 Resp: 1246804
Ion Ratio Lower Upper
130 100
95 117.9 93.0 139.4
132 93.0 75.3 112.9
97 78.4 61.9 92.9





#39

1,2-Dichloropropane

Concen: 9.159 ppbv

RT: 7.063 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL040288.D

Acq: 16 Mar 2023 9:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 79324

Ion Ratio Lower Upper

63 100

41 78.9 60.8 91.2

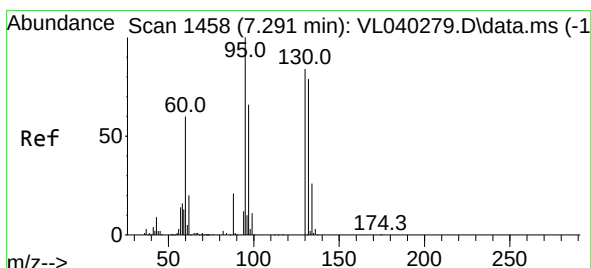
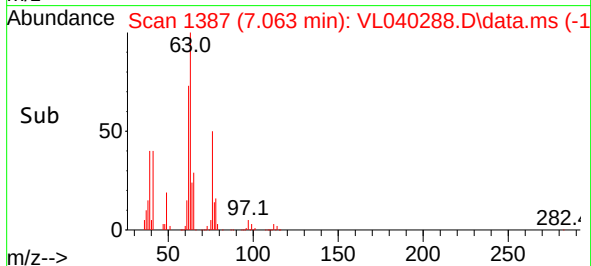
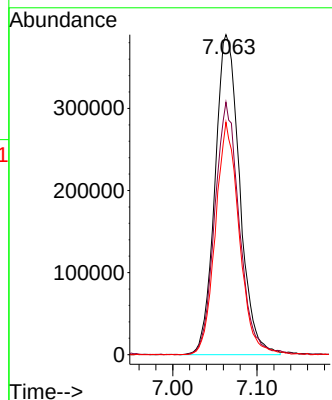
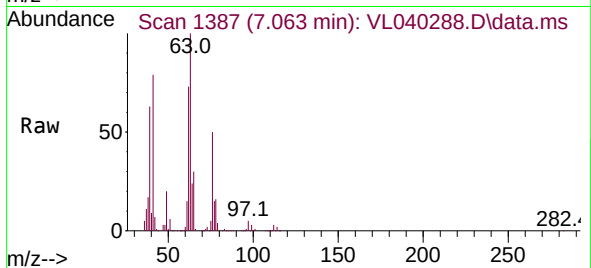
62 72.6 54.1 81.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#40

1,4-Dioxane

Concen: 8.743 ppbv

RT: 7.279 min Scan# 1454

Delta R.T. -0.012 min

Lab File: VL040288.D

Acq: 16 Mar 2023 9:11

Tgt Ion: 88 Resp: 299556

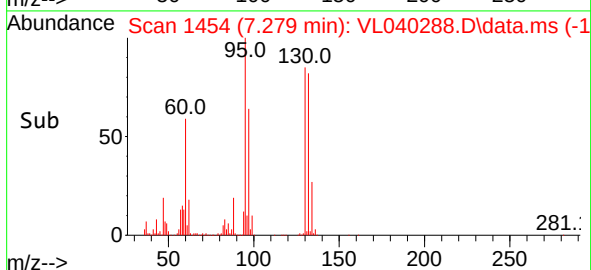
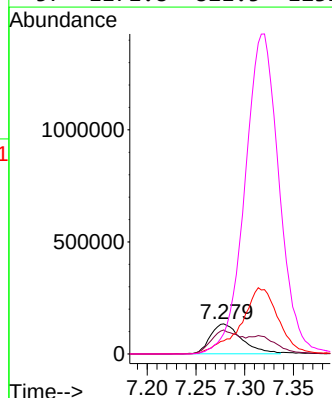
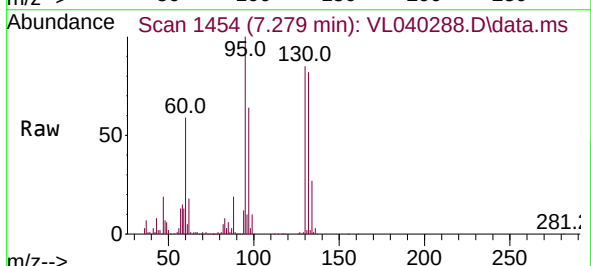
Ion Ratio Lower Upper

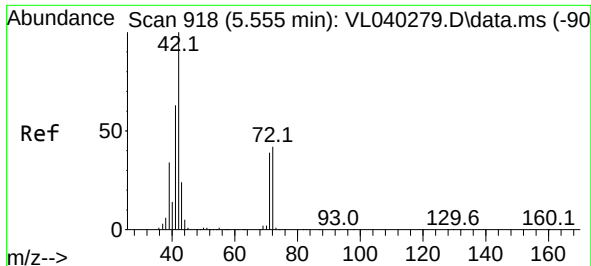
88 100

58 129.0 96.0 144.0

43 265.9 187.6 281.4

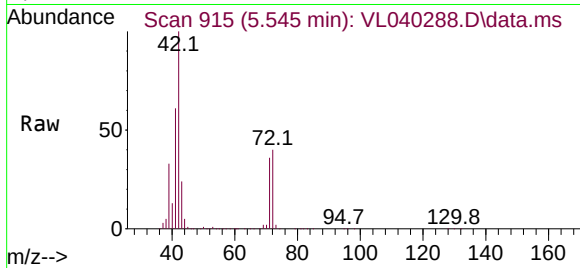
57 1171.8 821.5 1232.3





#41
Tetrahydrofuran
Concen: 9.323 ppbv
RT: 5.545 min Scan# 918
Delta R.T. -0.010 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

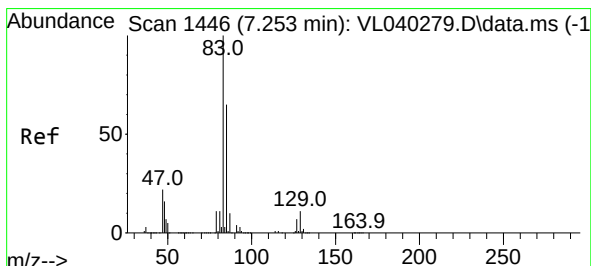
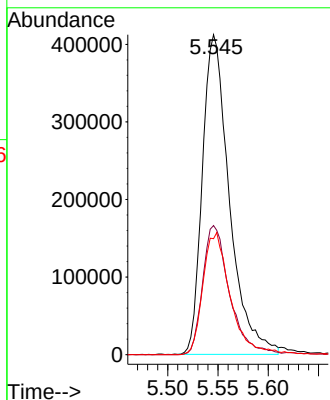
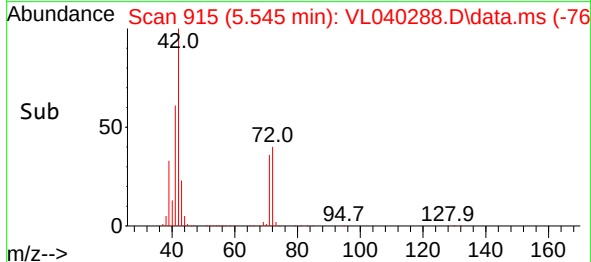
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 76915
Ion Ratio Lower Upper
42 100
72 40.8 32.6 49.0
71 39.3 31.0 46.4

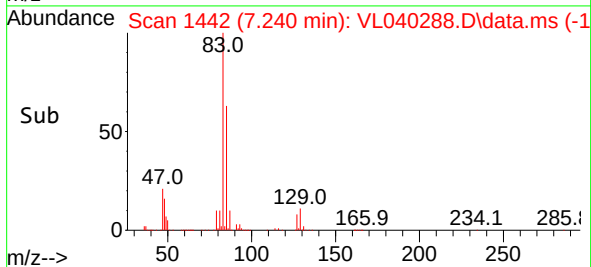
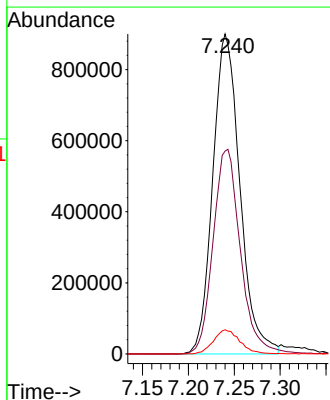
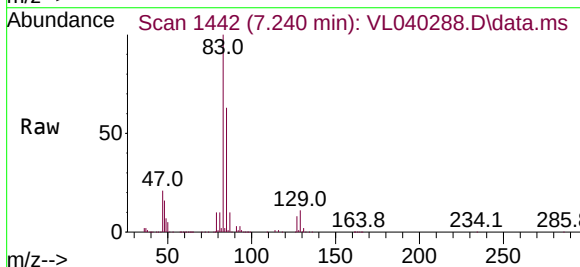
Manual Integrations
APPROVED

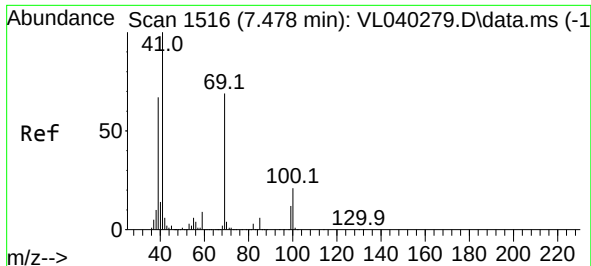
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#42
Bromodichloromethane
Concen: 9.422 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. -0.013 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

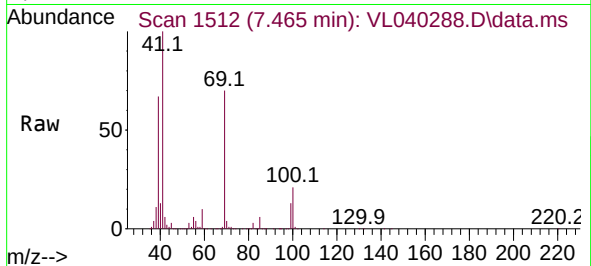
Tgt Ion: 83 Resp: 1849921
Ion Ratio Lower Upper
83 100
85 63.4 52.1 78.1
127 7.6 5.8 8.6





#43
Methyl Methacrylate
Concen: 10.042 ppbv
RT: 7.465 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

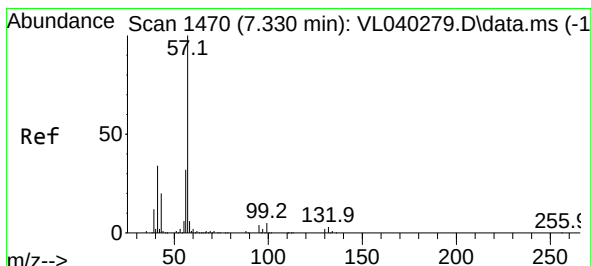
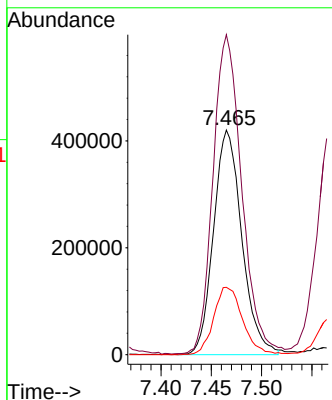
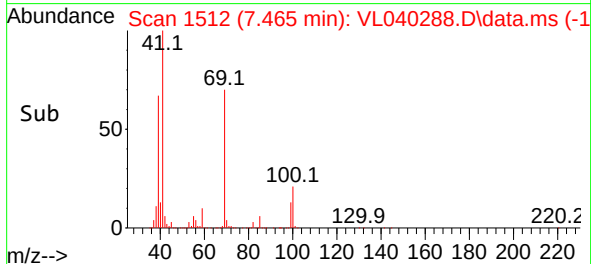
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



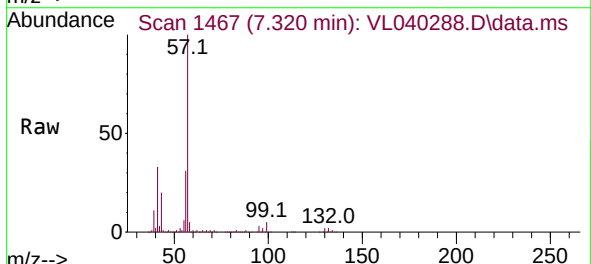
Tgt Ion: 69 Resp: 823775
Ion Ratio Lower Upper
69 100
41 144.9 116.9 175.3
100 30.7 24.2 36.4

Manual Integrations
APPROVED

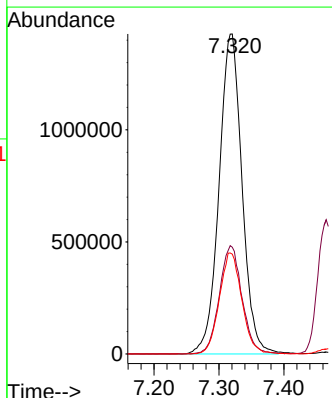
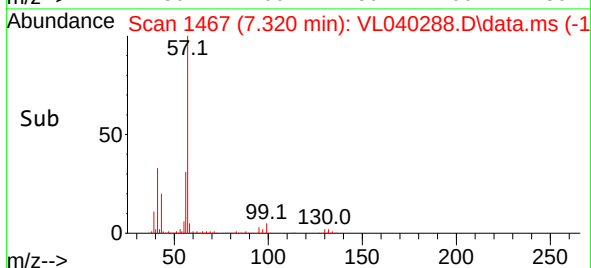
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

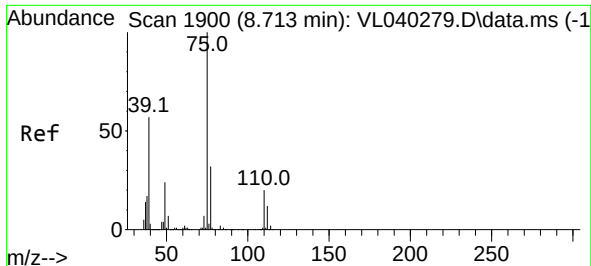


#44
2,2,4-Trimethylpentane
Concen: 9.513 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. -0.010 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11



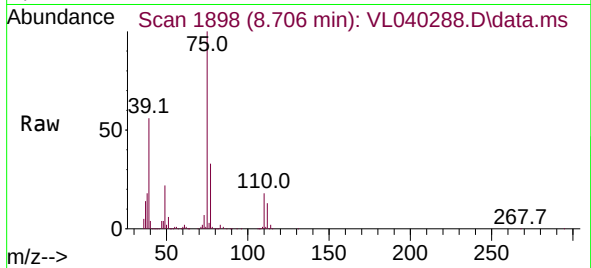
Tgt Ion: 57 Resp: 3501229
Ion Ratio Lower Upper
57 100
41 33.5 26.8 40.2
56 31.0 25.0 37.6





#45
t-1,3-Dichloropropene
Concen: 10.769 ppbv
RT: 8.706 min Scan# 11
Delta R.T. -0.007 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

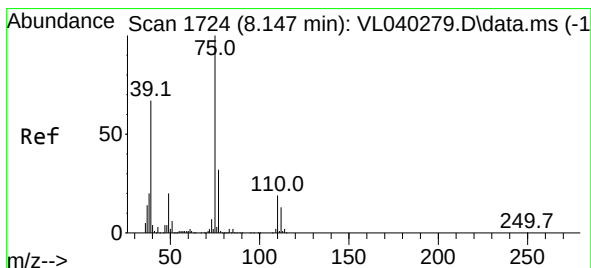
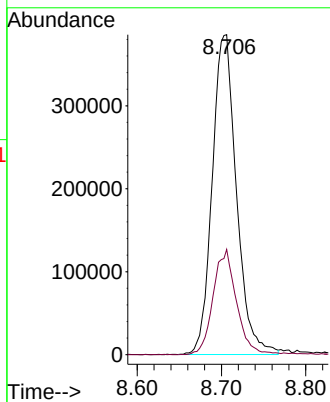
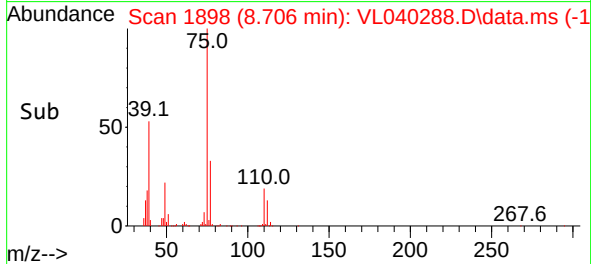
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 75 Resp: 770074
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.0

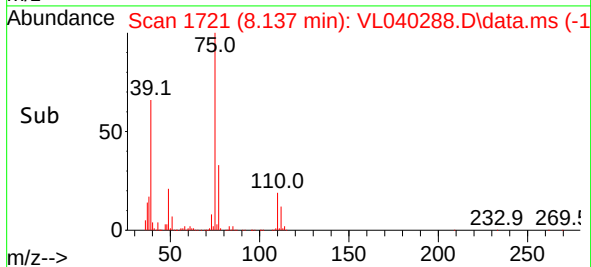
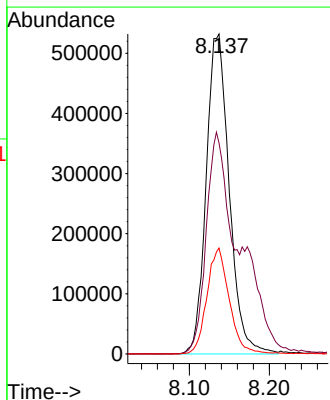
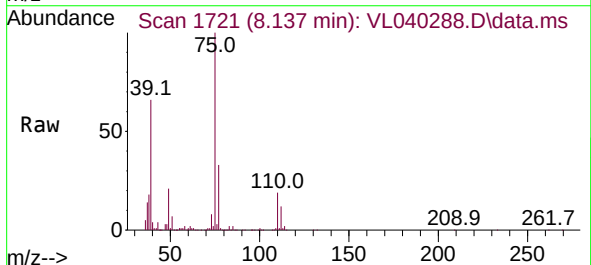
Manual Integrations
APPROVED

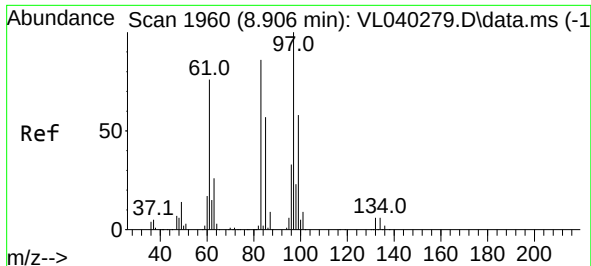
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#46
cis-1,3-Dichloropropene
Concen: 10.496 ppbv
RT: 8.137 min Scan# 1721
Delta R.T. -0.010 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

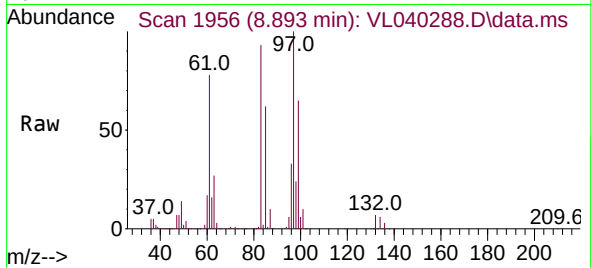
Tgt Ion: 75 Resp: 1065870
Ion Ratio Lower Upper
75 100
39 65.8 53.9 80.9
77 33.1 25.3 37.9





#47
1,1,2-Trichloroethane
Concen: 9.154 ppbv
RT: 8.893 min Scan# 1960
Delta R.T. -0.013 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

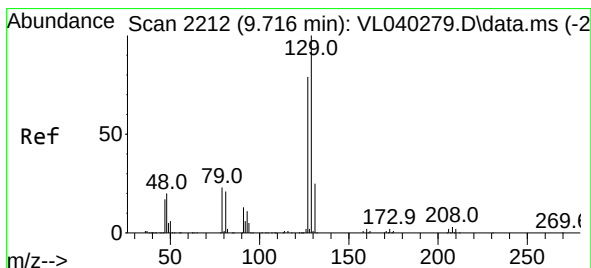
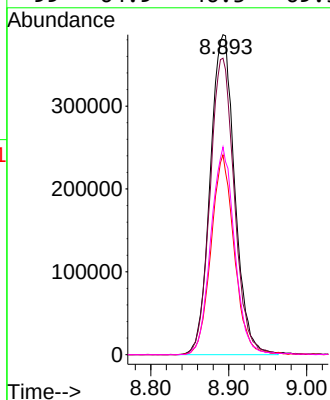
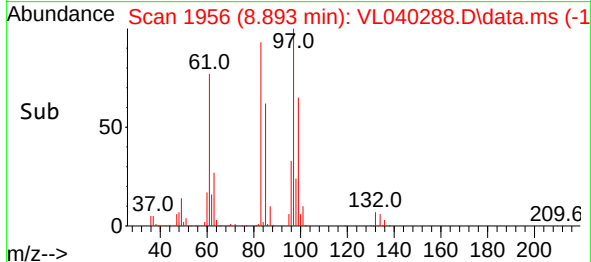
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



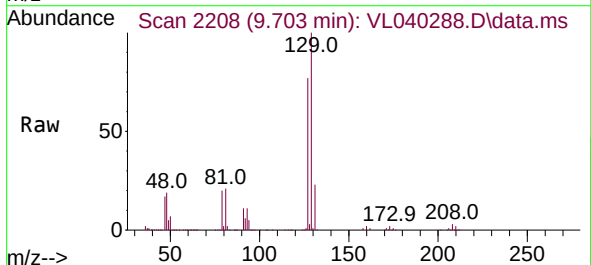
Tgt Ion: 97 Resp: 845910
Ion Ratio Lower Upper
97 100
83 92.6 68.6 103.0
85 62.4 46.0 69.0
99 64.9 46.3 69.5

Manual Integrations
APPROVED

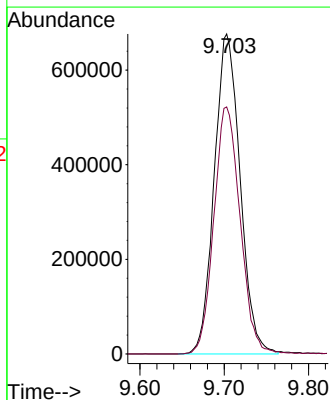
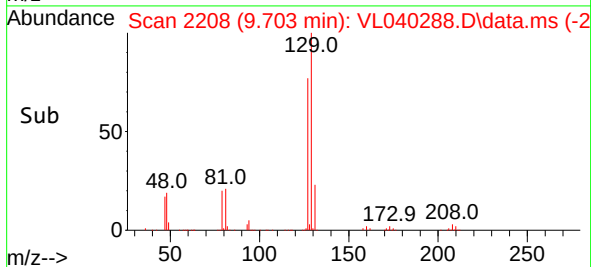
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

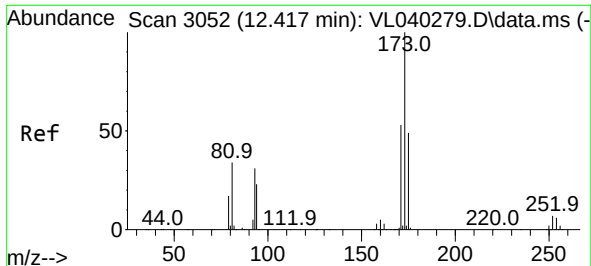


#48
Dibromochloromethane
Concen: 9.474 ppbv
RT: 9.703 min Scan# 2208
Delta R.T. -0.013 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11



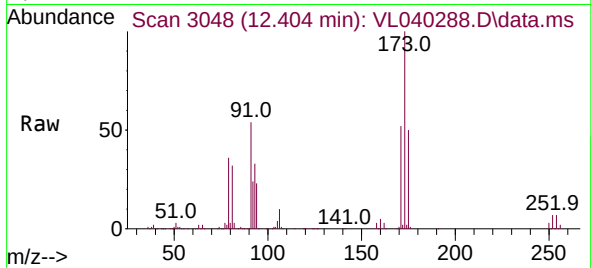
Tgt Ion:129 Resp: 1440616
Ion Ratio Lower Upper
129 100
127 78.7 39.1 117.5





#49
Bromoform
Concen: 9.312 ppbv
RT: 12.404 min Scan# 3052
Delta R.T. -0.013 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

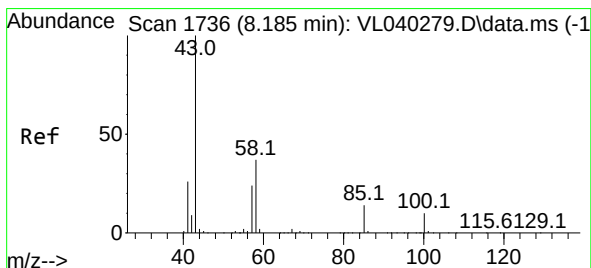
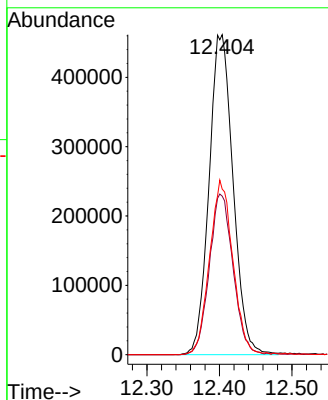
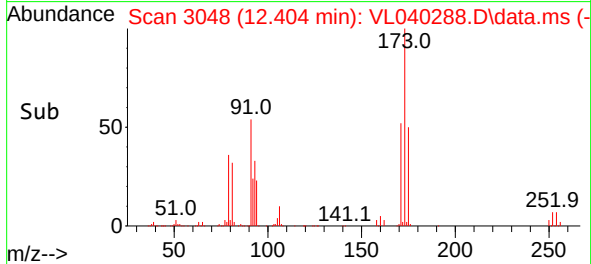
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:173 Resp: 1063498
Ion Ratio Lower Upper
173 100
175 49.7 39.8 59.8
171 53.2 42.2 63.4

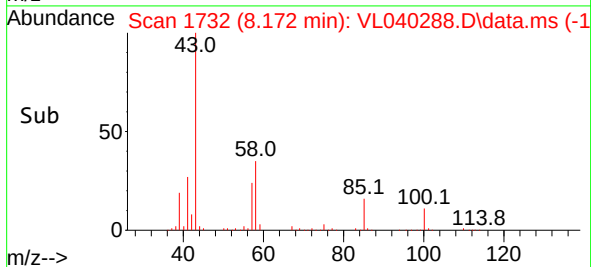
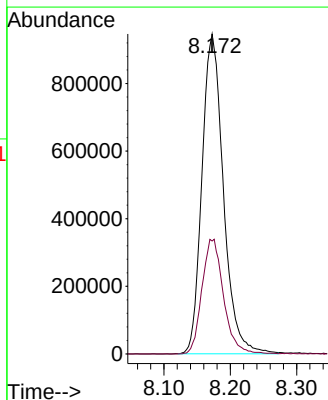
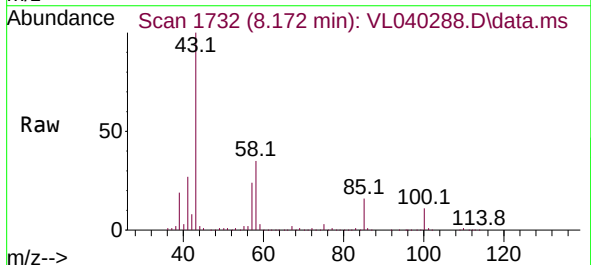
Manual Integrations
APPROVED

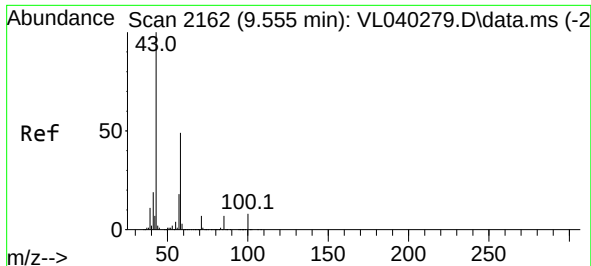
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#50
4-Methyl-2-Pentanone
Concen: 9.612 ppbv
RT: 8.172 min Scan# 1732
Delta R.T. -0.013 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

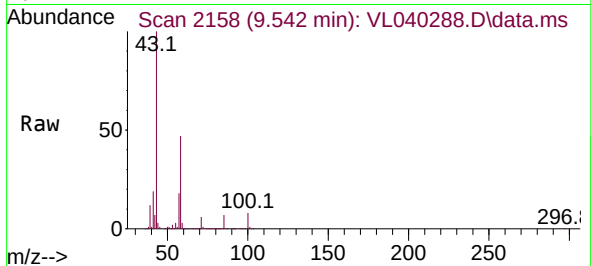
Tgt Ion: 43 Resp: 2126458
Ion Ratio Lower Upper
43 100
58 36.3 29.2 43.8





#51
2-Hexanone
Concen: 9.469 ppbv
RT: 9.542 min Scan# 2162
Delta R.T. -0.013 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

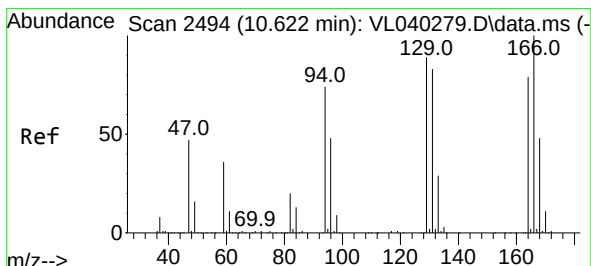
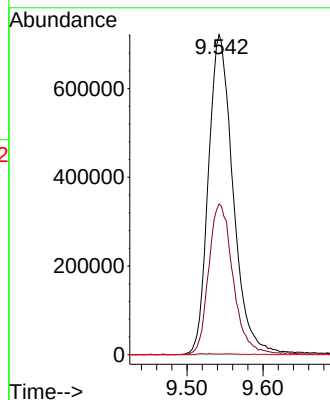
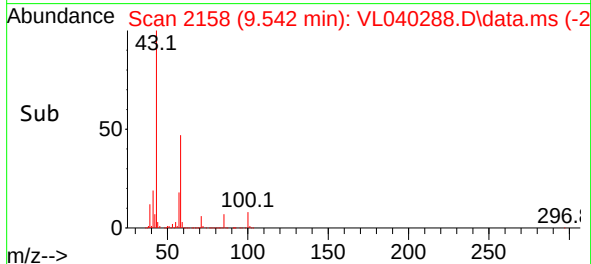
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 1622800
Ion Ratio Lower Upper
43 100
58 47.3 38.0 57.0
98 0.4 0.5 0.7

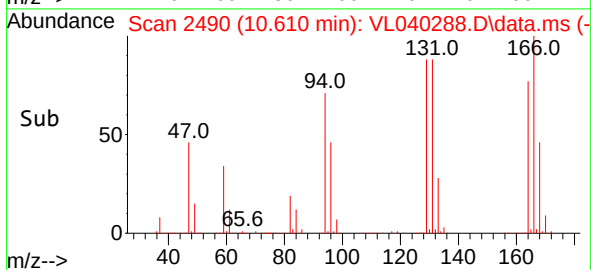
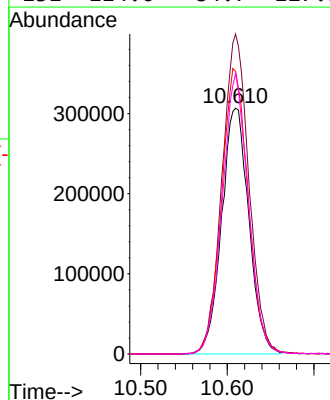
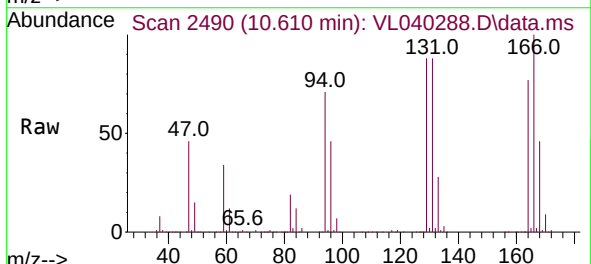
Manual Integrations
APPROVED

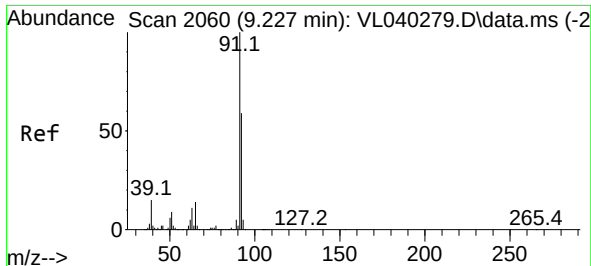
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#52
Tetrachloroethene
Concen: 10.024 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. -0.012 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Tgt Ion:164 Resp: 669435
Ion Ratio Lower Upper
164 100
166 130.2 101.8 152.6
129 114.9 90.2 135.2
131 114.0 84.7 127.1





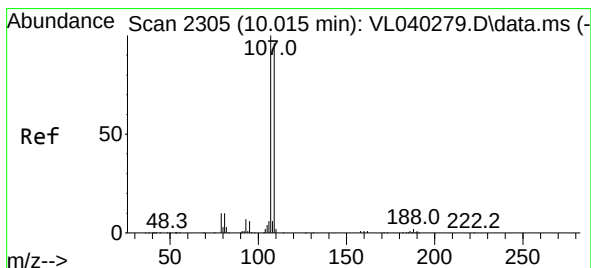
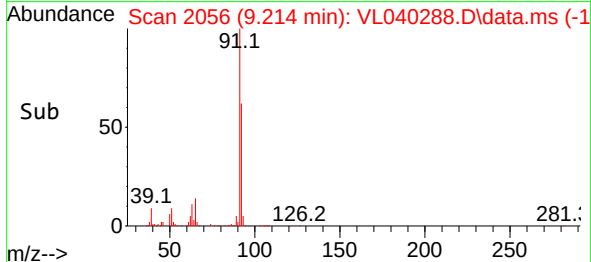
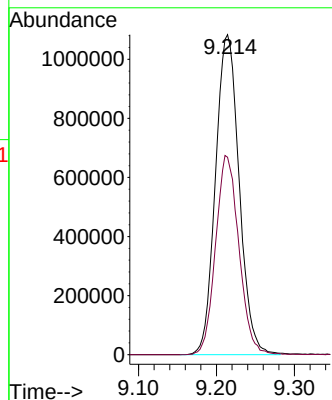
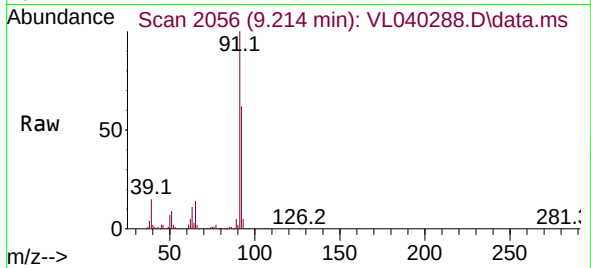
#53
Toluene
Concen: 9.882 ppbv
RT: 9.214 min Scan# 2060
Delta R.T. -0.013 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 228596
Ion Ratio Lower Upper
91 100
92 61.3 48.0 72.0

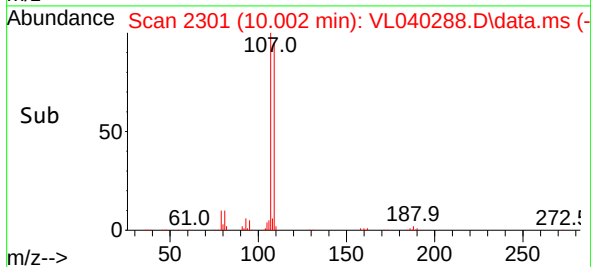
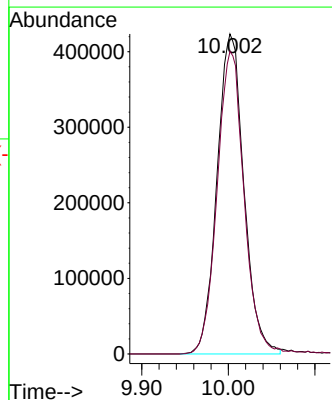
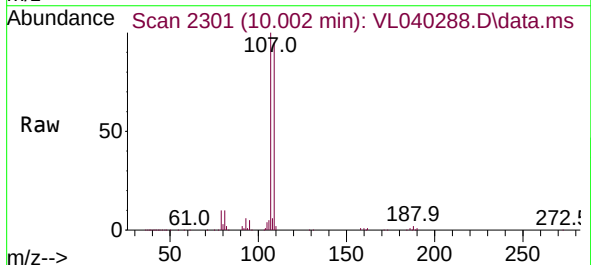
Manual Integrations
APPROVED

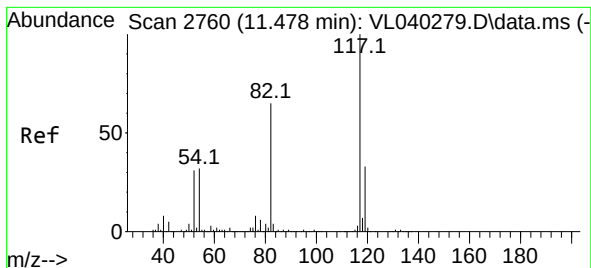
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#54
1,2-Dibromoethane
Concen: 9.592 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. -0.013 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Tgt Ion:107 Resp: 912380
Ion Ratio Lower Upper
107 100
109 94.5 77.0 115.6





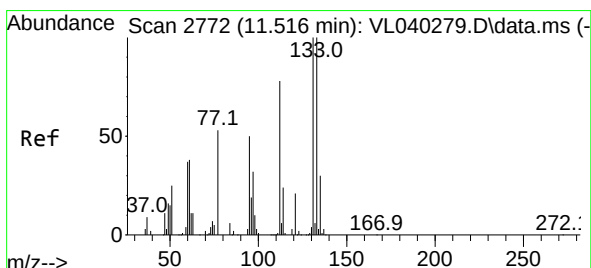
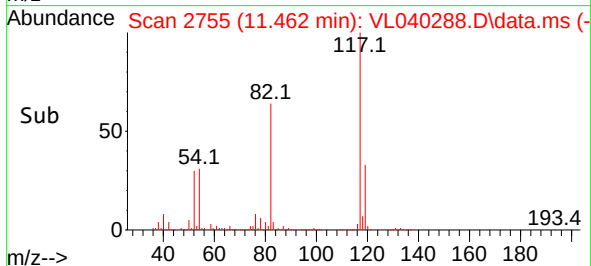
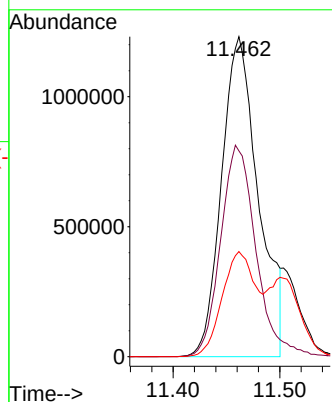
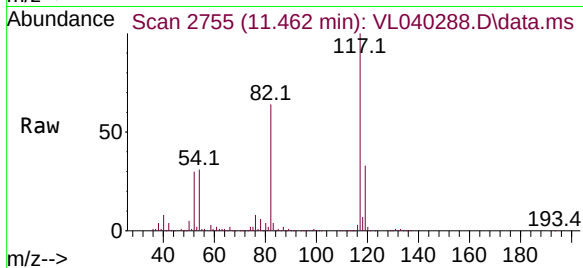
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.462 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 2950719
Ion Ratio Lower Upper
117 100
82 63.9 51.4 77.2
119 30.2 24.0 36.0

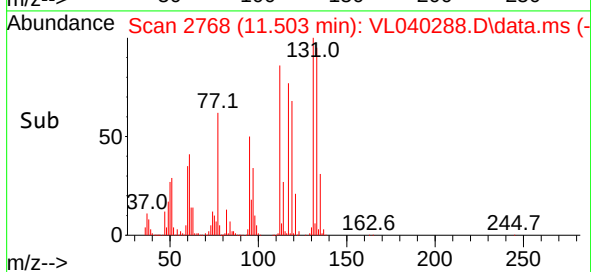
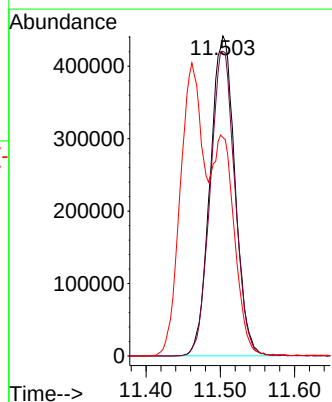
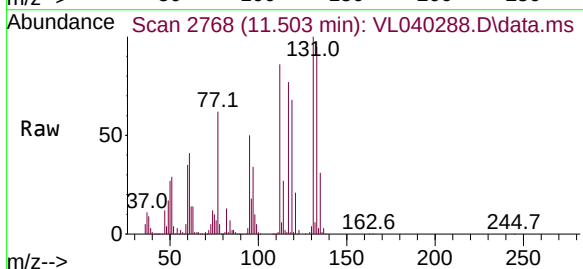
Manual Integrations
APPROVED

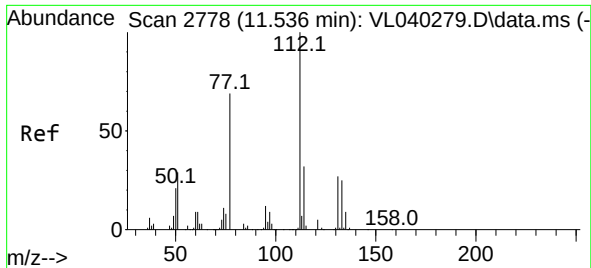
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 8.264 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. -0.013 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

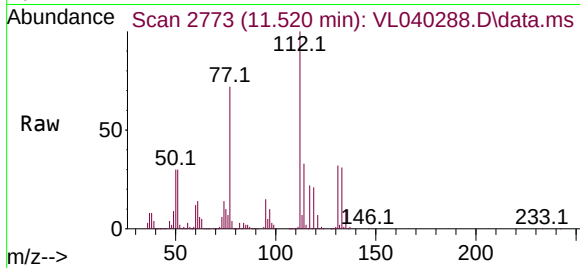
Tgt Ion:131 Resp: 1025859
Ion Ratio Lower Upper
131 100
133 94.8 76.5 114.7
119 62.2 47.9 71.9





#57
Chlorobenzene
Concen: 8.128 ppbv
RT: 11.520 min Scan# 211
Delta R.T. -0.016 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

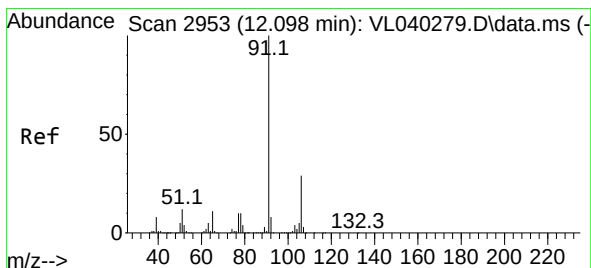
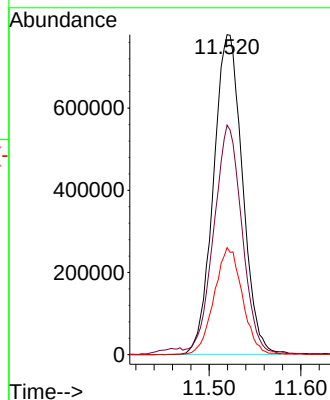
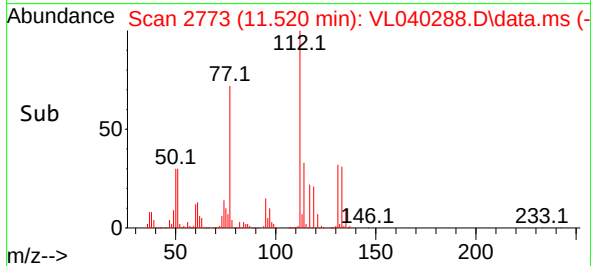
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 1706094
Ion Ratio Lower Upper
112 100
77 71.4 56.2 84.2
114 33.4 29.0 35.4

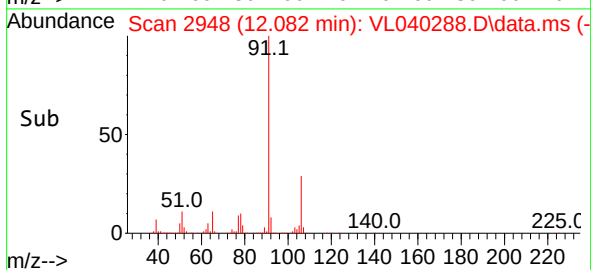
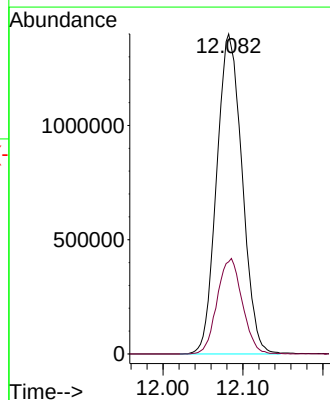
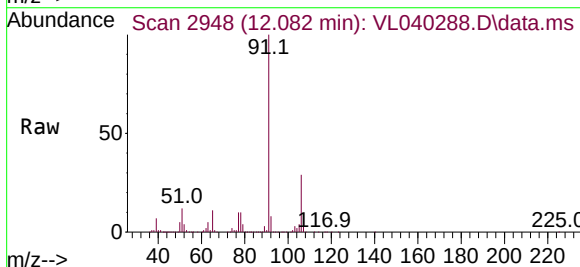
Manual Integrations
APPROVED

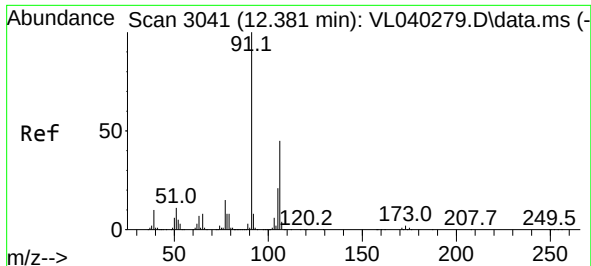
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#58
Ethyl Benzene
Concen: 9.200 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. -0.016 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Tgt Ion: 91 Resp: 3090951
Ion Ratio Lower Upper
91 100
106 28.8 23.4 35.2





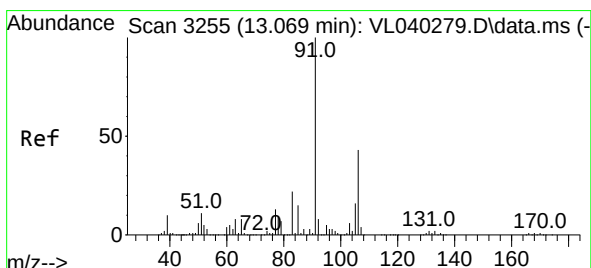
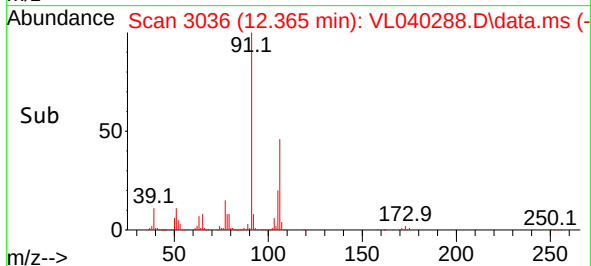
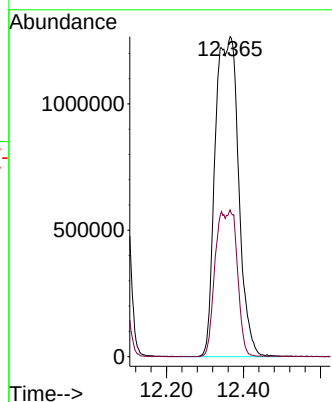
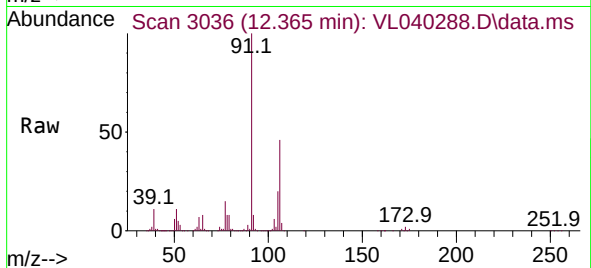
#59
m/p-Xylene
Concen: 17.316 ppbv m
RT: 12.365 min Scan# 3041
Delta R.T. -0.016 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 5329618
Ion Ratio Lower Upper
91 100
106 43.0 34.0 51.0

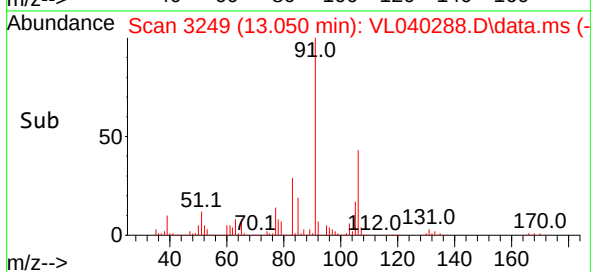
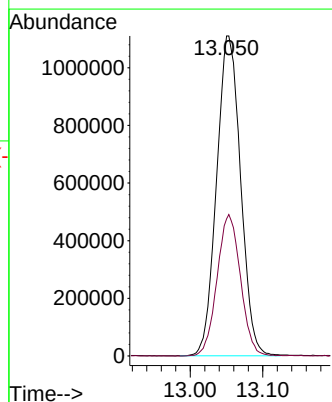
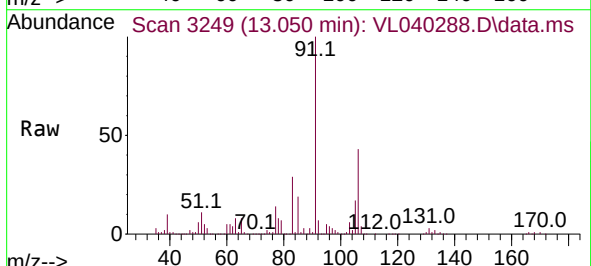
Manual Integrations
APPROVED

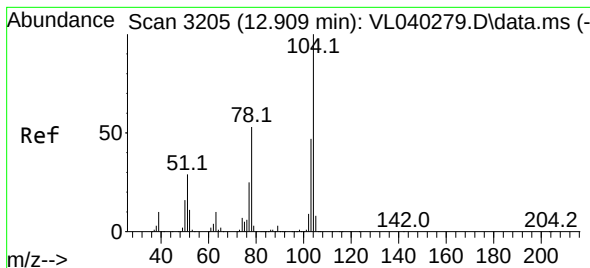
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#60
o-Xylene
Concen: 8.675 ppbv
RT: 13.050 min Scan# 3249
Delta R.T. -0.019 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Tgt Ion: 91 Resp: 2552487
Ion Ratio Lower Upper
91 100
106 43.2 21.7 65.1





#61

Styrene

Concen: 9.557 ppbv

RT: 12.892 min Scan# 31

Delta R.T. -0.017 min

Lab File: VL040288.D

Acq: 16 Mar 2023 9:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 1426894

Ion Ratio Lower Upper

104 100

78 54.1 43.7 65.5

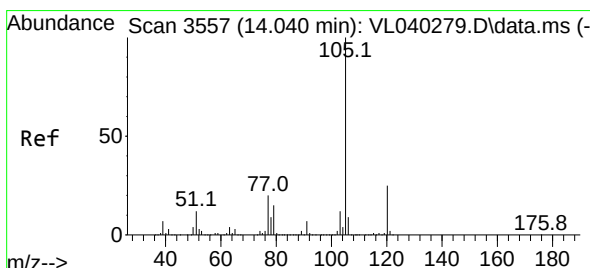
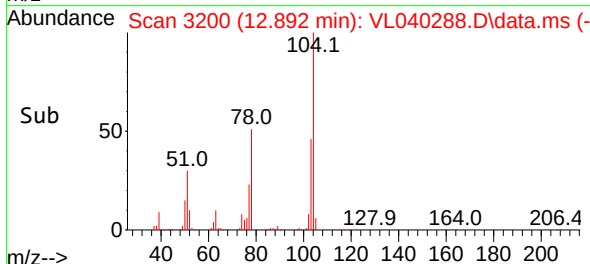
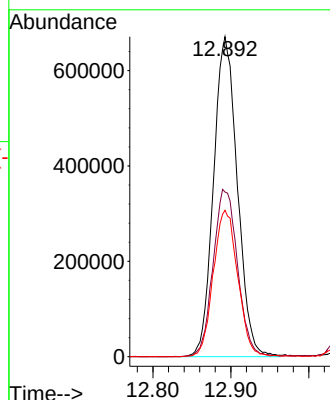
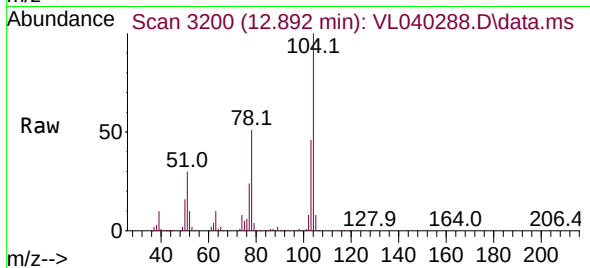
103 47.1 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#62

Isopropylbenzene

Concen: 8.528 ppbv

RT: 14.024 min Scan# 3552

Delta R.T. -0.016 min

Lab File: VL040288.D

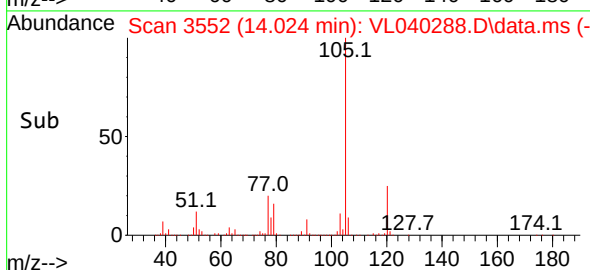
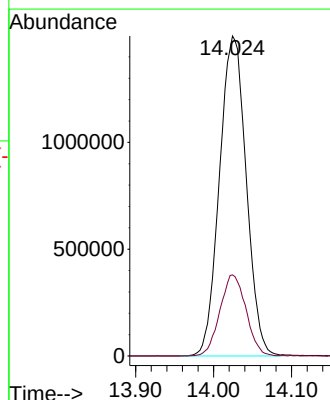
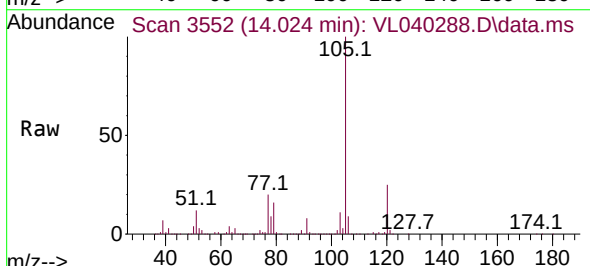
Acq: 16 Mar 2023 9:11

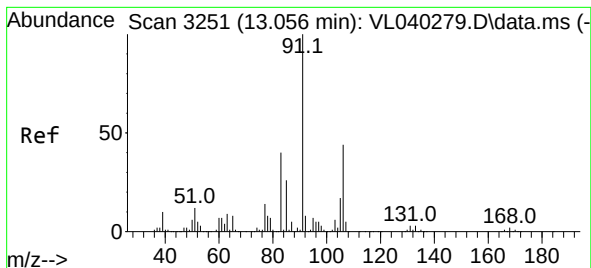
Tgt Ion:105 Resp: 3573101

Ion Ratio Lower Upper

105 100

120 24.8 19.9 29.9





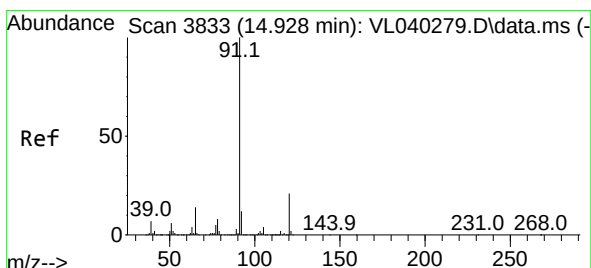
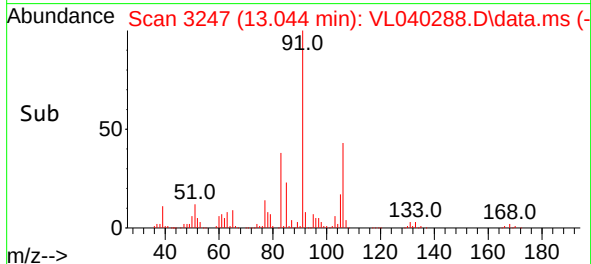
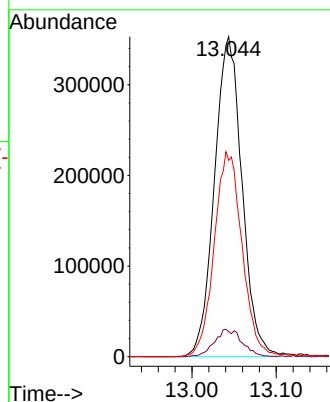
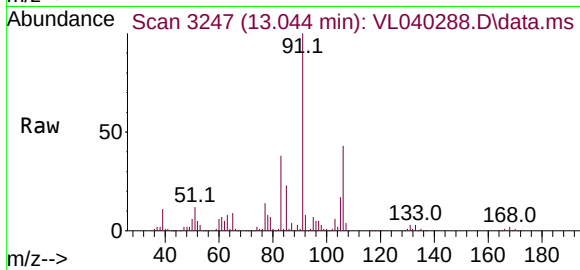
#63
1,1,2,2-Tetrachloroethane
Concen: 7.741 ppbv
RT: 13.044 min Scan# 31
Delta R.T. -0.012 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 80141
Ion Ratio Lower Upper
83 100
131 8.7 4.3 12.9
85 65.1 32.7 98.1

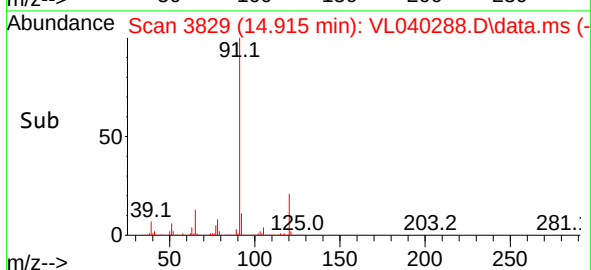
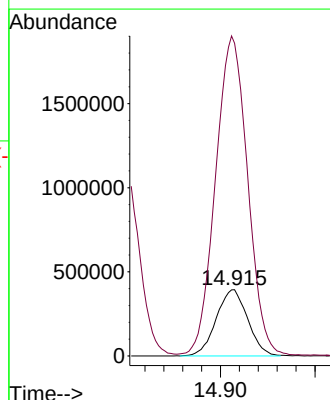
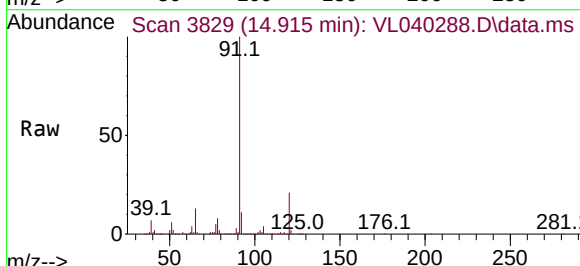
Manual Integrations
APPROVED

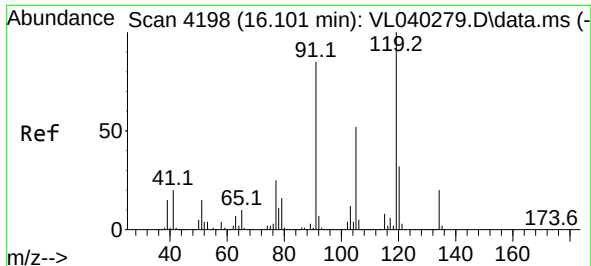
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#64
n-propylbenzene
Concen: 8.867 ppbv
RT: 14.915 min Scan# 3829
Delta R.T. -0.013 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

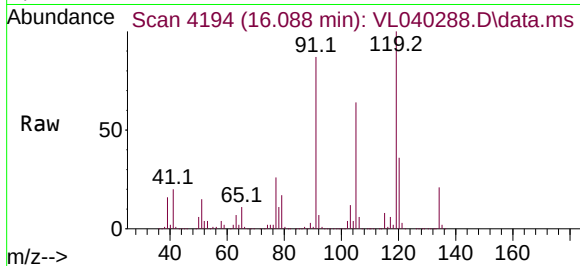
Tgt Ion:120 Resp: 909224
Ion Ratio Lower Upper
120 100
91 495.3 399.0 598.6





#65
tert-Butylbenzene
Concen: 8.810 ppbv
RT: 16.088 min Scan# 4198
Delta R.T. -0.013 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

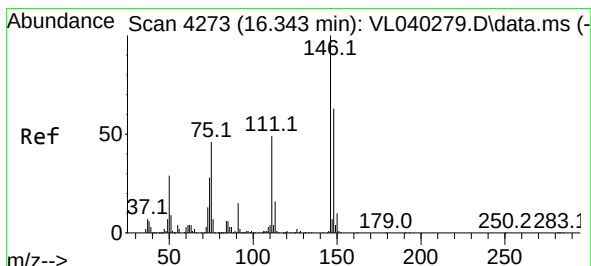
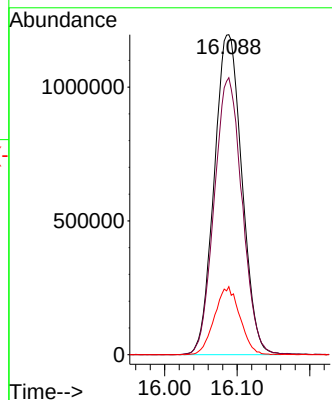
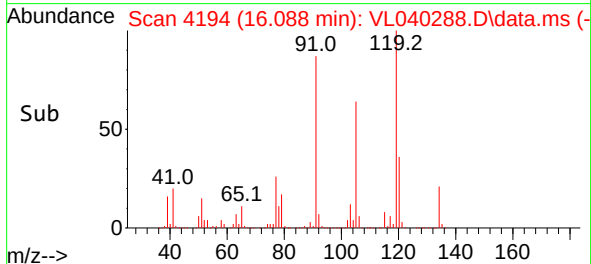
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



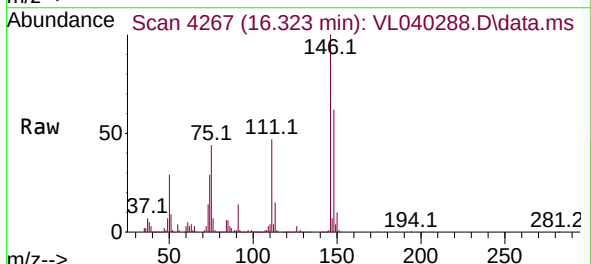
Tgt Ion: 119 Resp: 318121
Ion Ratio Lower Upper
119 100
91 87.1 69.4 104.2
134 19.5 15.8 23.6

Manual Integrations
APPROVED

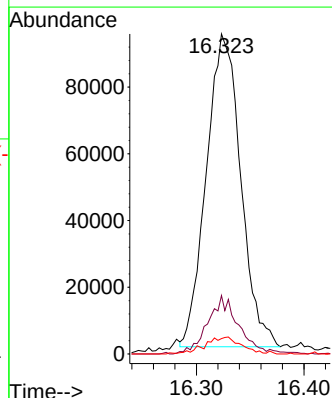
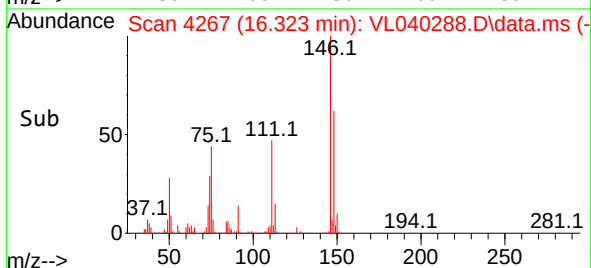
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

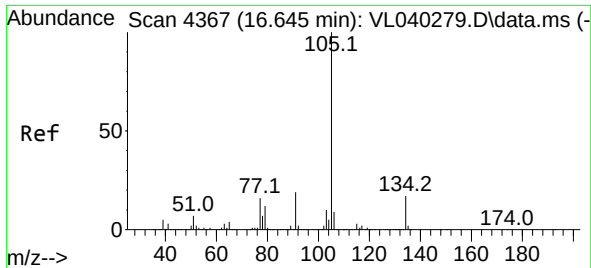


#66
Benzyl Chloride
Concen: 8.879 ppbv
RT: 16.323 min Scan# 4267
Delta R.T. -0.020 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11



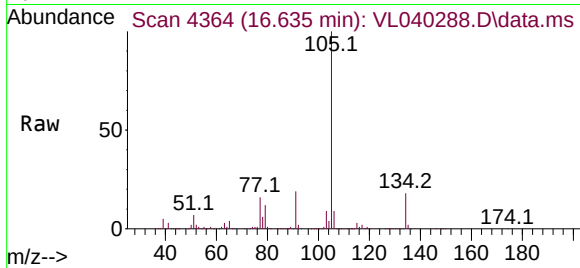
Tgt Ion: 91 Resp: 208358
Ion Ratio Lower Upper
91 100
126 17.0 12.1 18.1
128 5.8 3.8 5.6#





#67
 sec-Butylbenzene
 Concen: 8.883 ppbv
 RT: 16.635 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL040288.D
 Acq: 16 Mar 2023 9:11

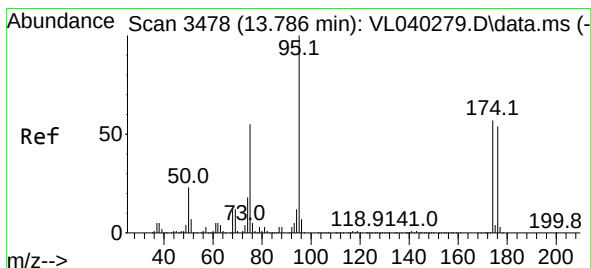
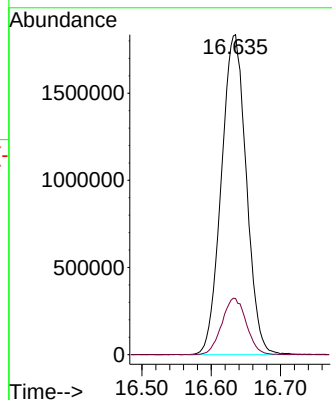
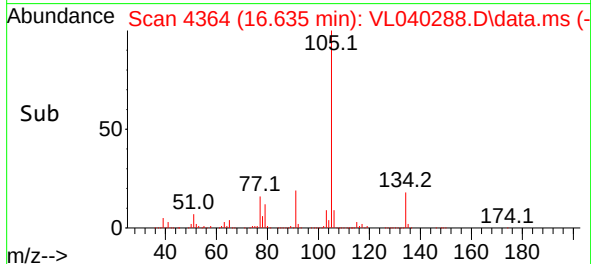
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:105 Resp: 458686
 Ion Ratio Lower Upper
 105 100
 134 17.4 14.0 21.0

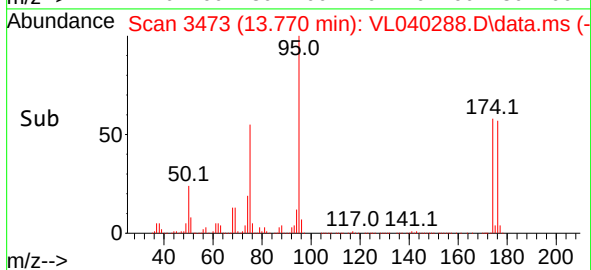
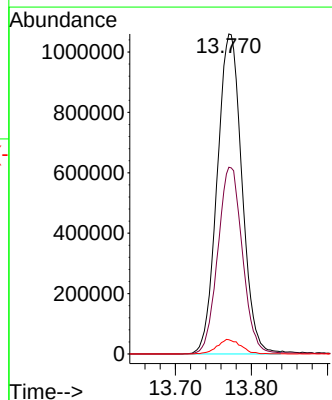
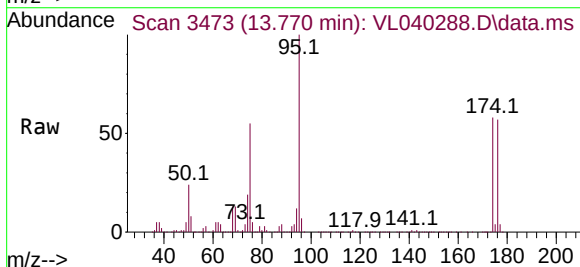
Manual Integrations
 APPROVED

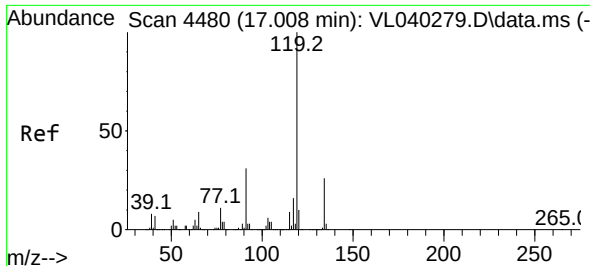
Reviewed By :Semsettin Yesilyurt 03/17/2023
 Supervised By :Mahesh Dadoda 03/17/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.677 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. -0.016 min
 Lab File: VL040288.D
 Acq: 16 Mar 2023 9:11

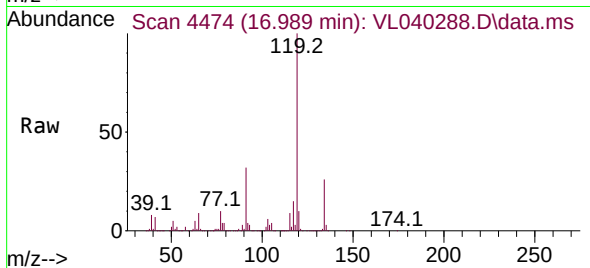
Tgt Ion: 95 Resp: 2391071
 Ion Ratio Lower Upper
 95 100
 174 58.6 47.0 70.6
 175 4.4 3.4 5.2





#69
p-Isopropyltoluene
Concen: 9.327 ppbv
RT: 16.989 min Scan# 4480
Delta R.T. -0.019 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

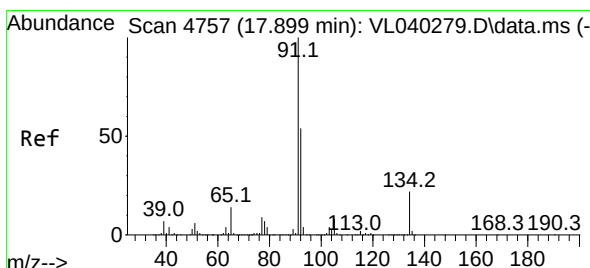
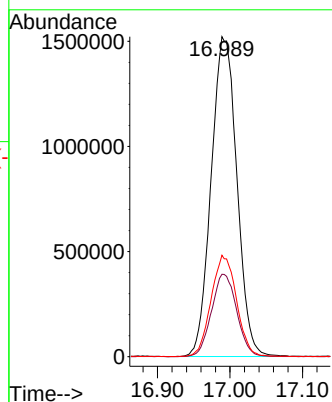
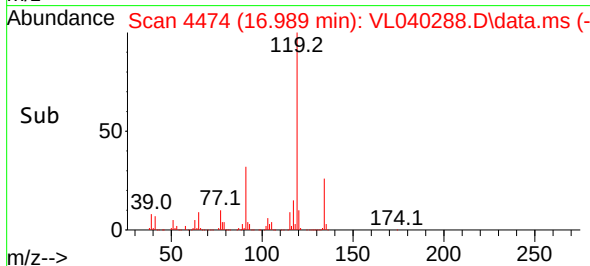
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



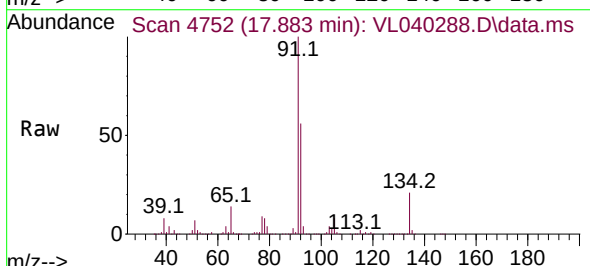
Tgt Ion:119 Resp: 375069
Ion Ratio Lower Upper
119 100
134 25.4 20.2 30.2
91 31.4 25.1 37.7

Manual Integrations
APPROVED

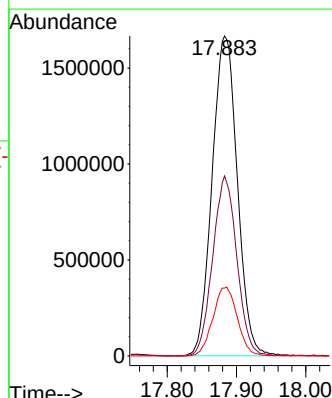
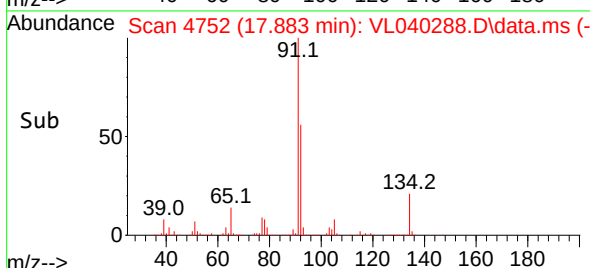
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

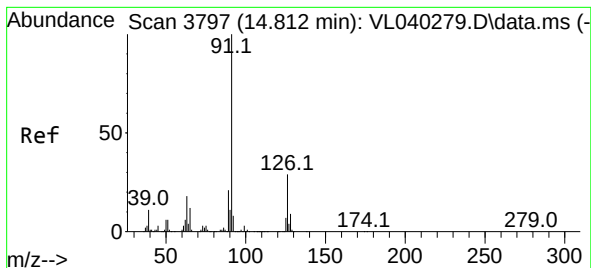


#70
n-Butylbenzene
Concen: 9.511 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. -0.016 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11



Tgt Ion: 91 Resp: 4213643
Ion Ratio Lower Upper
91 100
92 53.9 42.9 64.3
134 21.0 16.8 25.2





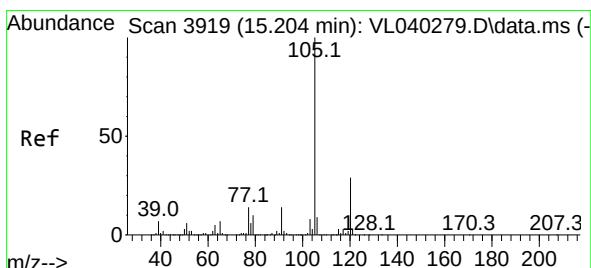
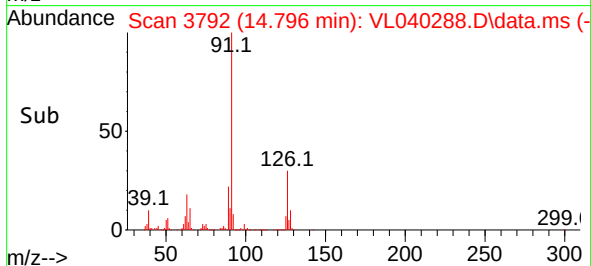
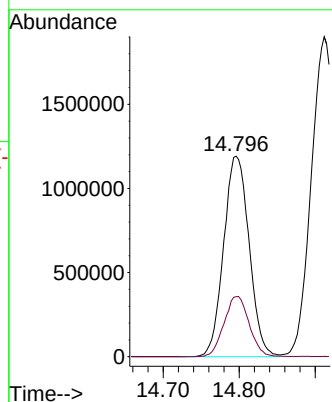
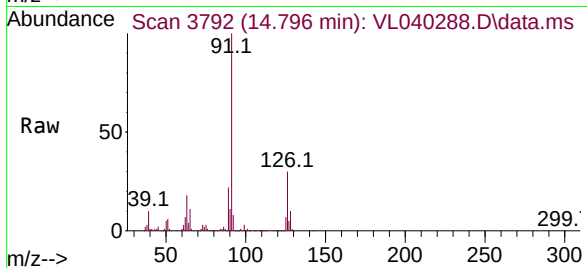
#71
2-Chlorotoluene
Concen: 8.705 ppbv
RT: 14.796 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2776094
Ion Ratio Lower Upper
91 100
126 29.8 11.8 47.4

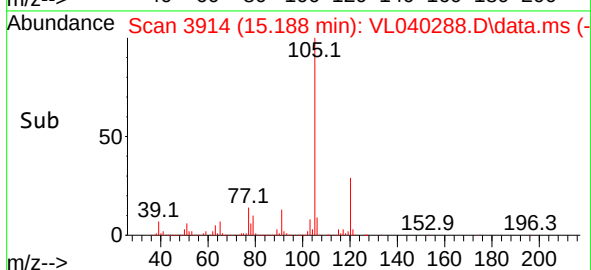
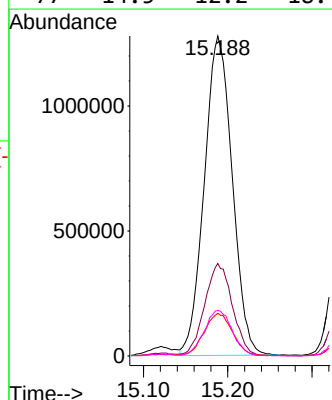
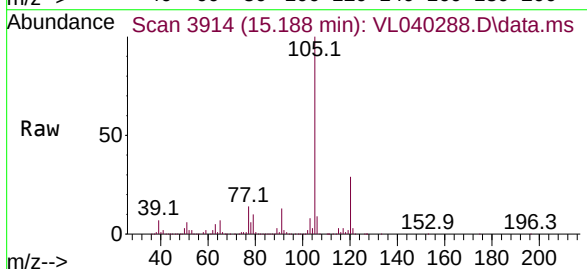
Manual Integrations
APPROVED

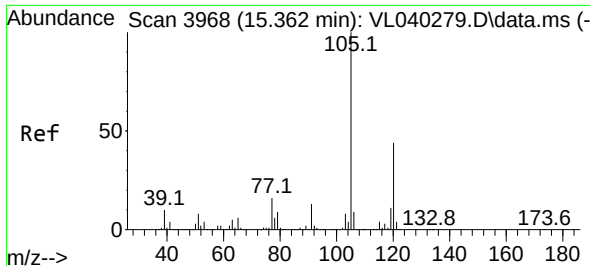
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#72
4-Ethyltoluene
Concen: 9.151 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. -0.016 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

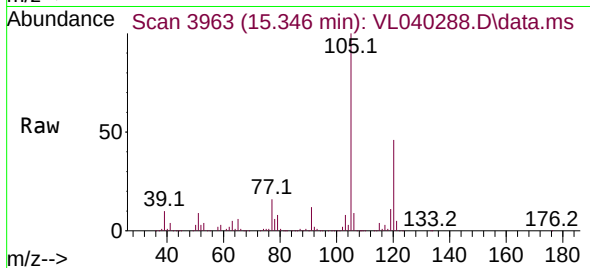
Tgt Ion:105 Resp: 2943837
Ion Ratio Lower Upper
105 100
120 29.6 23.7 35.5
91 13.5 11.6 17.4
77 14.5 12.2 18.4





#73
1,3,5-Trimethylbenzene
Concen: 8.998 ppbv
RT: 15.346 min Scan# 3968
Delta R.T. -0.016 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

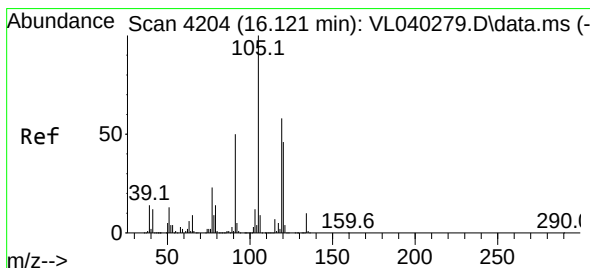
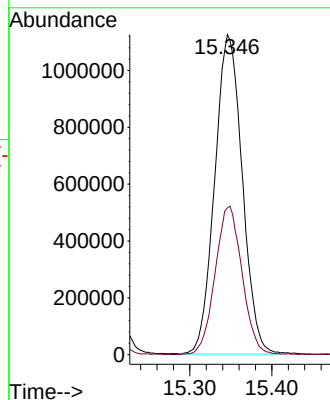
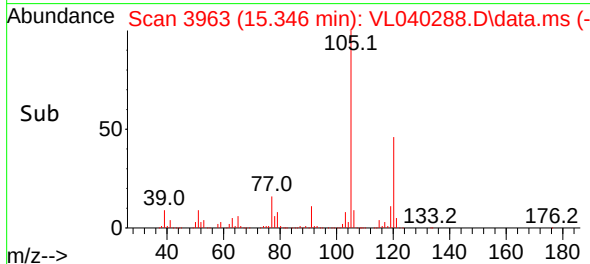
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



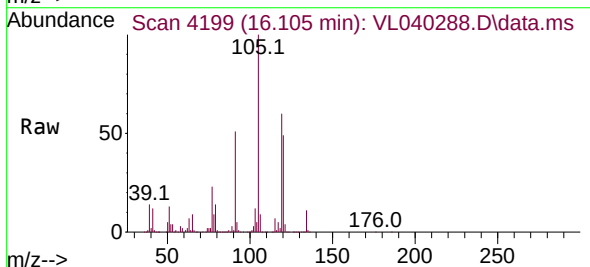
Tgt Ion:105 Resp: 262194
Ion Ratio Lower Upper
105 100
120 45.9 34.9 52.3

Manual Integrations
APPROVED

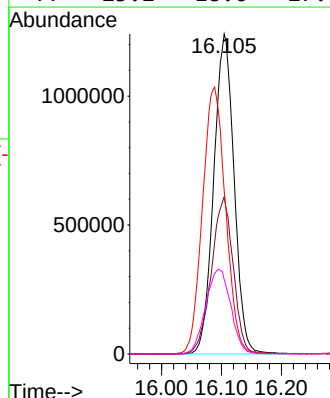
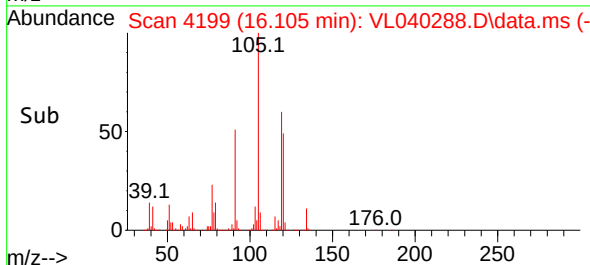
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

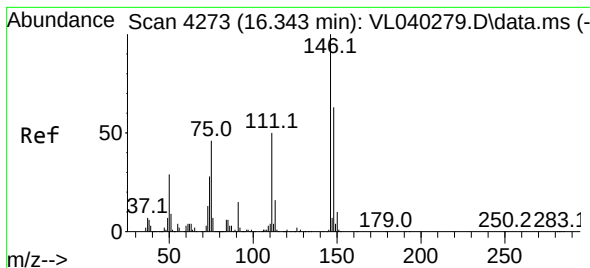


#74
1,2,4-Trimethylbenzene
Concen: 8.791 ppbv
RT: 16.105 min Scan# 4199
Delta R.T. -0.016 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11



Tgt Ion:105 Resp: 2921259
Ion Ratio Lower Upper
105 100
120 49.0 36.6 54.8
91 50.8 39.9 59.9
77 23.2 18.6 27.8





#75

1,3-Dichlorobenzene

Concen: 8.960 ppbv

RT: 16.323 min Scan# 41

Delta R.T. -0.020 min

Lab File: VL040288.D

Acq: 16 Mar 2023 9:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 1612609

Ion Ratio Lower Upper

146 100

111 49.2 24.3 73.0

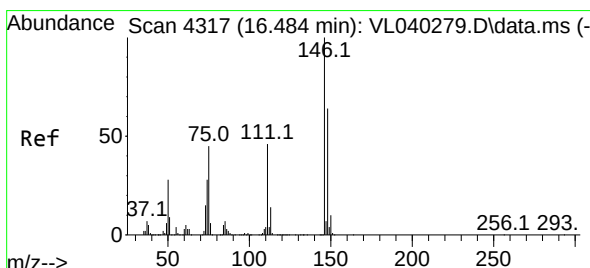
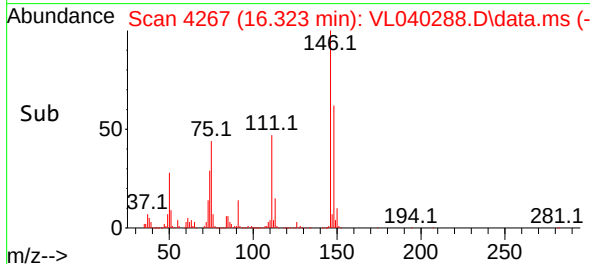
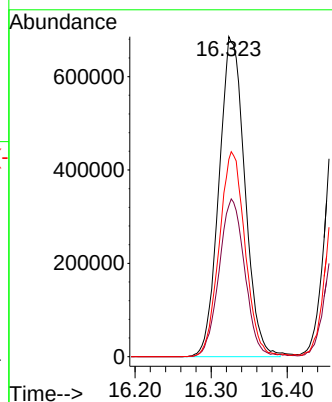
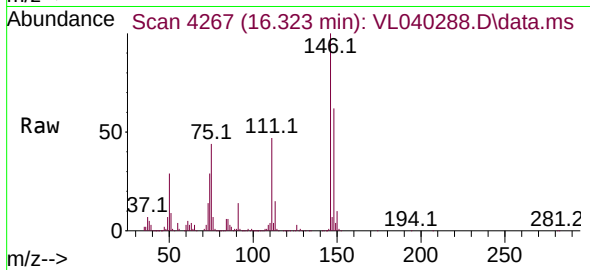
148 64.4 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#76

1,4-Dichlorobenzene

Concen: 9.215 ppbv

RT: 16.468 min Scan# 4312

Delta R.T. -0.016 min

Lab File: VL040288.D

Acq: 16 Mar 2023 9:11

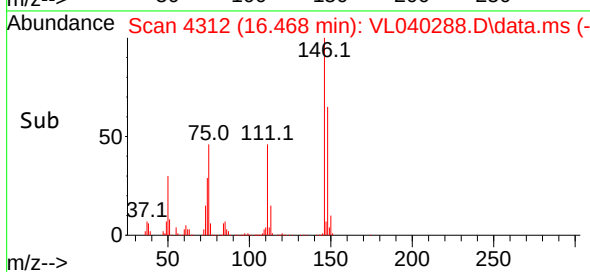
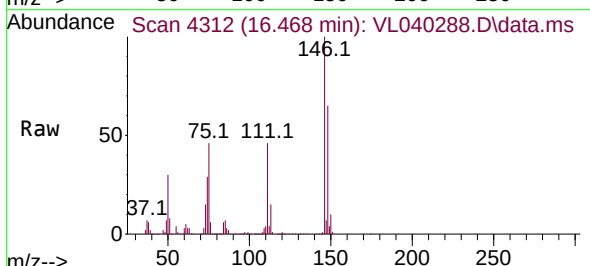
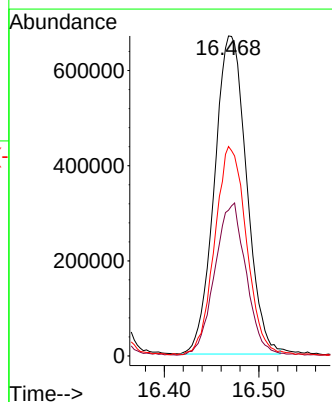
Tgt Ion:146 Resp: 1581894

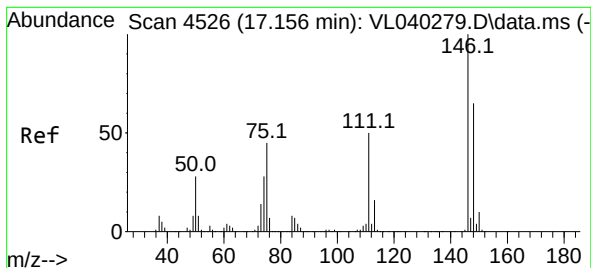
Ion Ratio Lower Upper

146 100

111 47.6 23.8 71.2

148 66.0 32.5 97.5





#77

1,2-Dichlorobenzene

Concen: 9.289 ppbv

RT: 17.140 min Scan# 4526

Delta R.T. -0.016 min

Lab File: VL040288.D

Acq: 16 Mar 2023 9:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 160701

Ion Ratio Lower Upper

146 100

111 50.7 25.2 75.6

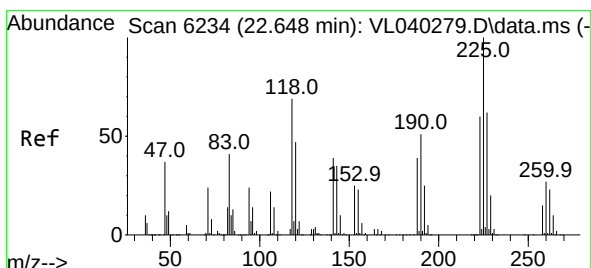
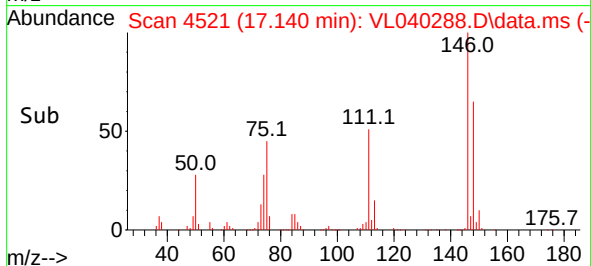
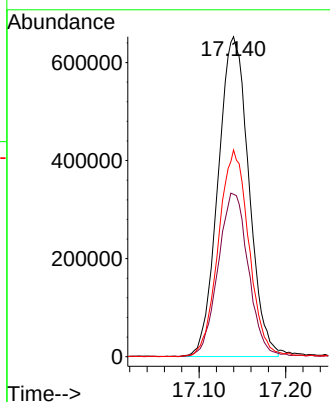
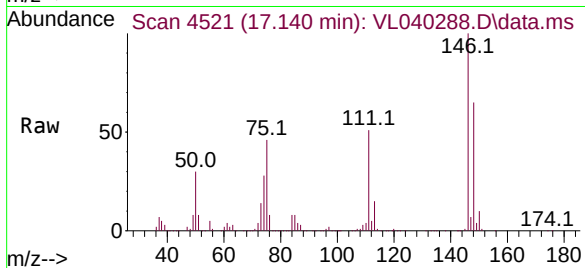
148 64.3 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/17/2023

Supervised By :Mahesh Dadoda 03/17/2023



#78

Hexachloro-1,3-Butadiene

Concen: 8.877 ppbv

RT: 22.628 min Scan# 6228

Delta R.T. -0.020 min

Lab File: VL040288.D

Acq: 16 Mar 2023 9:11

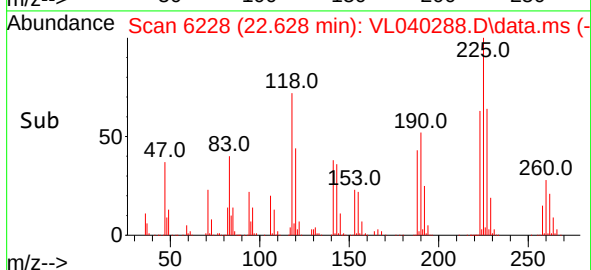
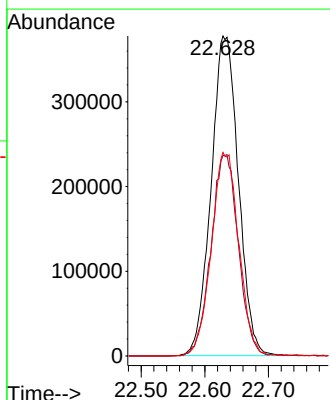
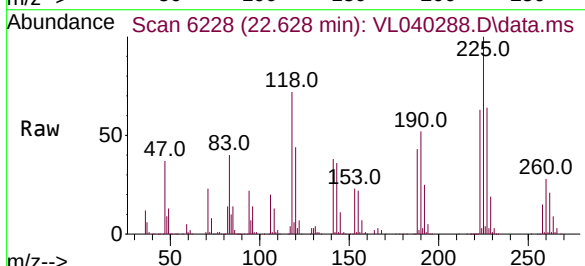
Tgt Ion:225 Resp: 1126249

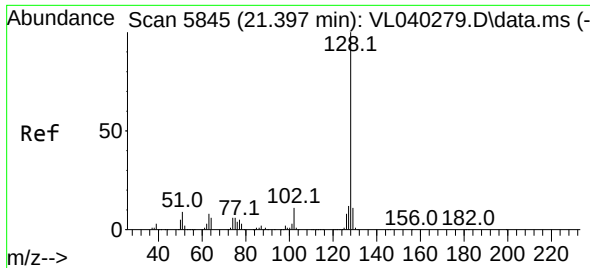
Ion Ratio Lower Upper

225 100

223 63.3 51.0 76.6

227 64.2 51.4 77.2





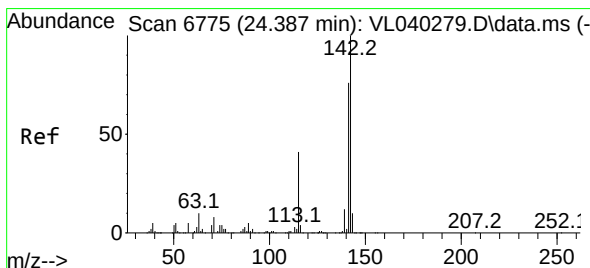
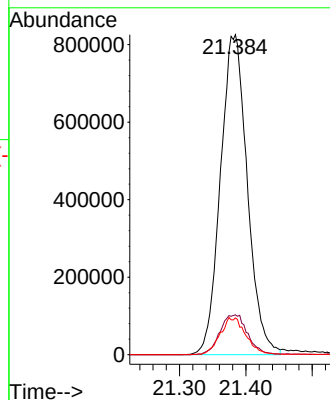
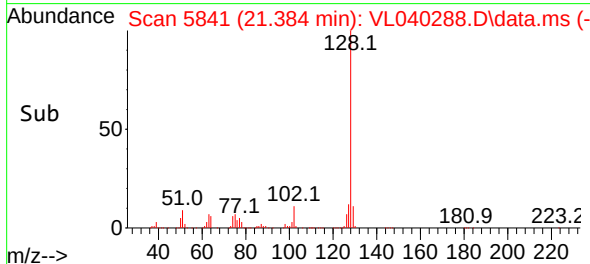
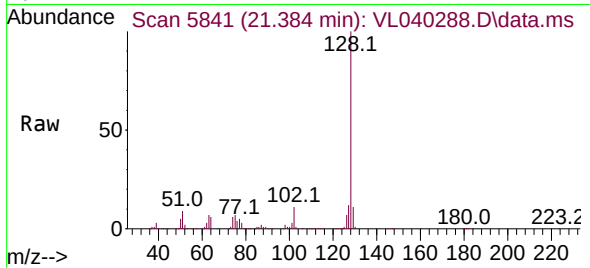
#79
Naphthalene
Concen: 11.833 ppbv
RT: 21.384 min Scan# 5845
Delta R.T. -0.013 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:128 Resp: 232626
Ion Ratio Lower Upper
128 100
127 12.5 9.6 14.4
129 11.5 8.6 13.0

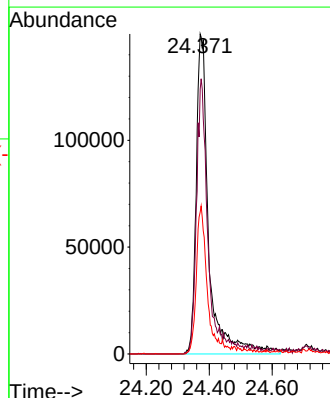
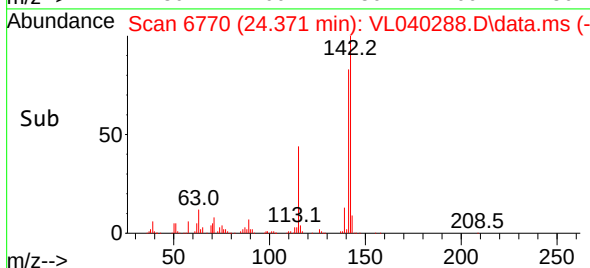
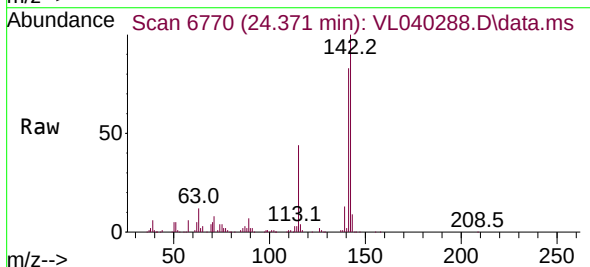
Manual Integrations
APPROVED

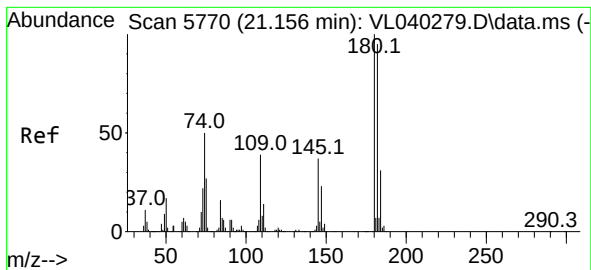
Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023



#80
Naphthalene,2-methyl-
Concen: 8.417 ppbv
RT: 24.371 min Scan# 6770
Delta R.T. -0.016 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

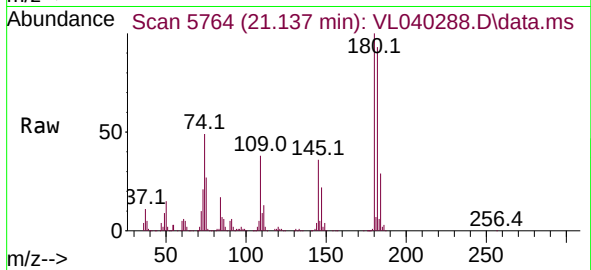
Tgt Ion:142 Resp: 419051
Ion Ratio Lower Upper
142 100
141 78.5 65.5 98.3
115 39.8 33.5 50.3





#81
1,2,4-Trichlorobenzene
Concen: 10.131 ppbv
RT: 21.137 min Scan# 51
Delta R.T. -0.019 min
Lab File: VL040288.D
Acq: 16 Mar 2023 9:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:180 Resp: 1226649
Ion Ratio Lower Upper
180 100
182 94.7 76.1 114.1
184 30.0 24.4 36.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/17/2023
Supervised By :Mahesh Dadoda 03/17/2023

