

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062223\
 Data File : VL040484.D
 Acq On : 22 Jun 2023 13:23
 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 :Krupa Patel 06/27/2023
 Supervised By :Mahesh Dadoda 06/27/2023

Quant Time: Jun 23 01:30:23 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M

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

QLast Update : Tue Jun 06 06:22:12 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	996351	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.642	114	2522065	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.449	117	2498199m	10.000	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.760 95 1956871 9.491 ppbv -0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 94.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.722	85	2072666	9.558	ppbv	99
3) Chlorodifluoromethane	2.668	51	1503892	9.216	ppbv	99
4) Chloromethane	2.806	50	596907	9.449	ppbv	98
5) Vinyl Chloride	2.912	62	636786	10.101	ppbv	96
6) Bromomethane	3.111	94	311960	9.559	ppbv	98
7) Chloroethane	3.189	64	222404	9.446	ppbv	99
8) Dichlorotetrafluoroethane	2.851	85	1619035	9.454	ppbv	99
9) Propene	2.687	41	440017	8.744	ppbv	96
10) Heptane	7.565	43	1204817	10.578	ppbv	100
11) Trichlorofluoromethane	3.552	101	1660740	9.405	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.053	101	1233389	9.999	ppbv	100
13) Ethanol	3.234	45	103204	9.904	ppbv	99
14) Bromoethene	3.359	108	496571	9.625	ppbv	100
15) Acetone	3.459	43	1055848	8.786	ppbv	98
16) 1,3-Butadiene	2.976	39	583328	9.973	ppbv	98
17) tert-Butyl alcohol	3.867	59	956175	9.679	ppbv	99
18) 1,1-Dichloroethene	3.867	96	532582	9.690	ppbv	97
19) Isopropyl Alcohol	3.565	45	574573	9.920	ppbv	100
20) Methylene Chloride	3.922	84	450519	8.784	ppbv	95
21) Allyl Chloride	3.986	41	675879	9.957	ppbv	99
22) trans-1,2-Dichloroethene	4.433	96	571629	10.137	ppbv	95
23) Vinyl Acetate	4.613	43	1187633	10.118	ppbv	98
24) 1,1-Dichloroethane	4.552	63	1141490	9.695	ppbv	99
25) Ethyl Acetate	5.192	43	2081668	9.559	ppbv	100
26) Hexane	5.198	57	949989	9.213	ppbv	99
27) Carbon Disulfide	4.111	76	1344996	10.429	ppbv	100
28) Methyl tert-Butyl Ether	4.574	73	795877	10.026	ppbv	100
29) Chloroform	5.259	83	1659951	9.450	ppbv	98
30) Cyclohexane	6.587	84	818100	9.845	ppbv	97
31) cis-1,2-Dichloroethene	5.063	61	986846	10.003	ppbv	99
32) 1,1,1-Trichloroethane	5.989	97	1673722	9.653	ppbv	100
34) 2-Butanone	4.774	43	1128651	9.280	ppbv	99
35) Carbon Tetrachloride	6.481	117	1735650	10.098	ppbv	97
36) Benzene	6.356	78	1997556	9.957	ppbv	99
37) 1,2-Dichloroethane	5.793	62	1271346	9.727	ppbv	99
38) Trichloroethene	7.275	130	827676	10.889	ppbv	98
39) 1,2-Dichloropropane	7.060	63	763643	9.874	ppbv	98
40) 1,4-Dioxane	7.275	88	217153	9.913	ppbv #	100
41) Tetrahydrofuran	5.542	42	679422	10.221	ppbv	99
42) Bromodichloromethane	7.233	83	1816207	10.091	ppbv	98
43) Methyl Methacrylate	7.458	69	788667	10.944	ppbv	99
44) 2,2,4-Trimethylpentane	7.311	57	3305730	10.083	ppbv	99
45) t-1,3-Dichloropropene	8.693	75	626513	11.774	ppbv	98

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Quant Time: Jun 23 01:30:23 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M

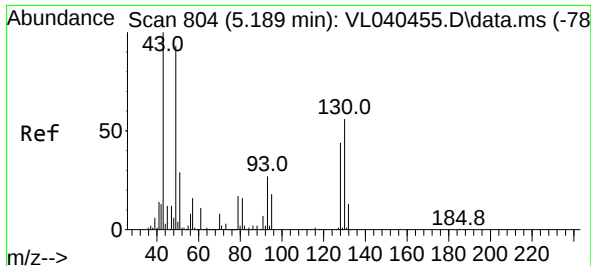
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Jun 06 06:22:12 2023

Response via : Initial Calibration

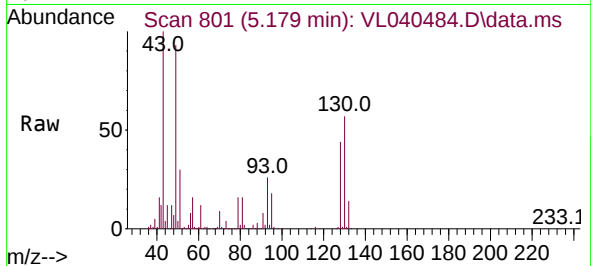
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.127	75	742043	11.439	ppbv	98
47) 1,1,2-Trichloroethane	8.883	97	849437	9.994	ppbv	97
48) Dibromochloromethane	9.693	129	1436676	10.573	ppbv	100
49) Bromoform	12.391	173	1097331	10.673	ppbv	100
50) 4-Methyl-2-Pentanone	8.163	43	1732478	10.636	ppbv	100
51) 2-Hexanone	9.536	43	1218760	10.778	ppbv	98
52) Tetrachloroethene	10.597	164	707146	11.226	ppbv	97
53) Toluene	9.208	91	2327238	11.014	ppbv	100
54) 1,2-Dibromoethane	9.992	107	1251137	11.229	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.494	131	1088551	9.271	ppbv	99
57) Chlorobenzene	11.510	112	1822276	9.651	ppbv	99
58) Ethyl Benzene	12.072	91	3205120	10.589	ppbv	98
59) m/p-Xylene	12.355	91	5625707m	20.223	ppbv	
60) o-Xylene	13.043	91	2669628	10.118	ppbv	99
61) Styrene	12.883	104	1349848	11.888	ppbv	99
62) Isopropylbenzene	14.011	105	3893631	9.927	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.031	83	1663499	9.737	ppbv	99
64) n-propylbenzene	14.899	120	1005999	10.102	ppbv	97
65) tert-Butylbenzene	16.075	119	3392118	10.081	ppbv	99
66) Benzyl Chloride	16.310	91	251611	9.703	ppbv	98
67) sec-Butylbenzene	16.619	105	4874182	9.934	ppbv	99
69) p-Isopropyltoluene	16.976	119	3982433	10.213	ppbv	99
70) n-Butylbenzene	17.870	91	4394452	10.096	ppbv	100
71) 2-Chlorotoluene	14.783	91	3022744	10.379	ppbv	99
72) 4-Ethyltoluene	15.178	105	3174996	10.684	ppbv	99
73) 1,3,5-Trimethylbenzene	15.336	105	2737803	10.423	ppbv	99
74) 1,2,4-Trimethylbenzene	16.092	105	3061662	9.908	ppbv	98
75) 1,3-Dichlorobenzene	16.313	146	1716009	9.900	ppbv	99
76) 1,4-Dichlorobenzene	16.455	146	1692559	10.042	ppbv	99
77) 1,2-Dichlorobenzene	17.127	146	1613331	9.853	ppbv	99
78) Hexachloro-1,3-Butadiene	22.619	225	1119888	8.868	ppbv	99
79) Naphthalene	21.361	128	2244623	12.612	ppbv	99
80) Naphthalene,2-methyl-	24.358	142	629884	11.794	ppbv	96
81) 1,2,4-Trichlorobenzene	21.120	180	1186372	10.761	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.010 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

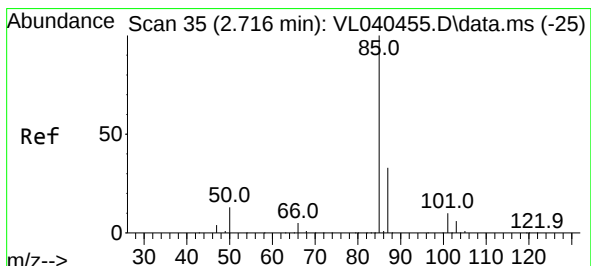
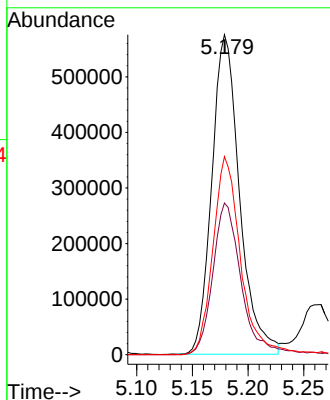
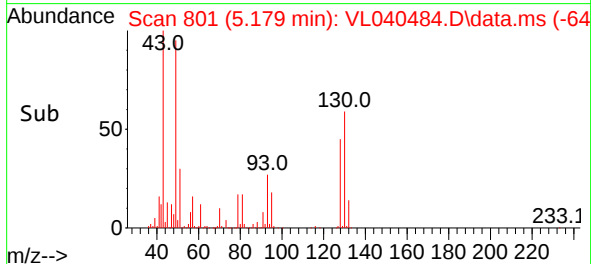
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



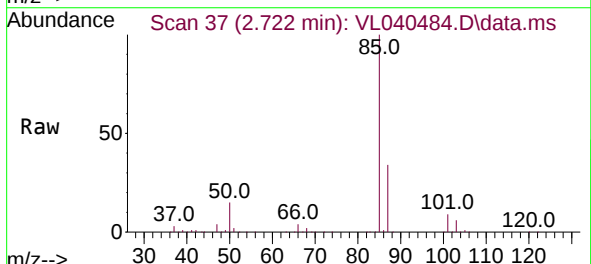
Tgt Ion: 49 Resp: 99635
Ion Ratio Lower Upper
49 100
128 49.2 24.7 74.1
130 62.8 31.4 94.2

Manual Integrations
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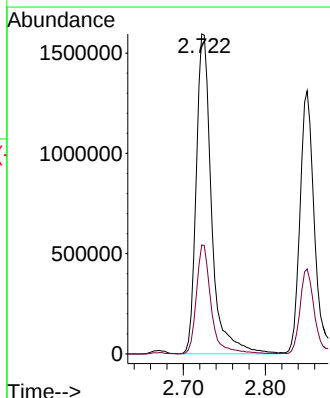
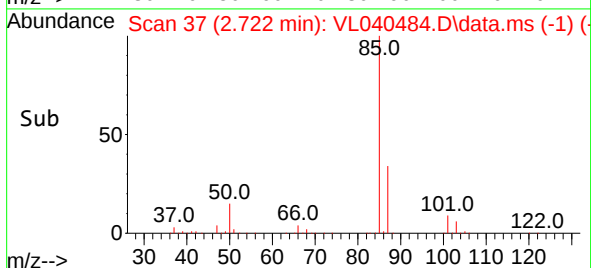
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

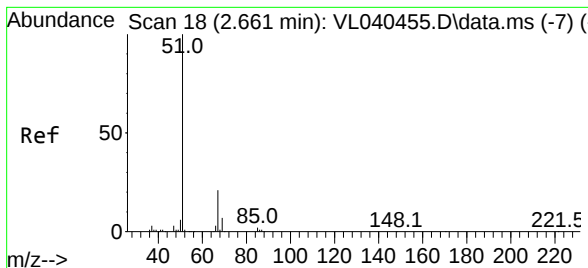


#2
Dichlorodifluoromethane
Concen: 9.558 ppbv
RT: 2.722 min Scan# 37
Delta R.T. 0.006 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23



Tgt Ion: 85 Resp: 2072666
Ion Ratio Lower Upper
85 100
87 34.0 26.6 39.8





#3

Chlorodifluoromethane

Concen: 9.216 ppbv

RT: 2.668 min Scan# 20

Delta R.T. 0.006 min

Lab File: VL040484.D

Acq: 22 Jun 2023 13:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 51 Resp: 150389

Ion Ratio Lower Upper

51 100

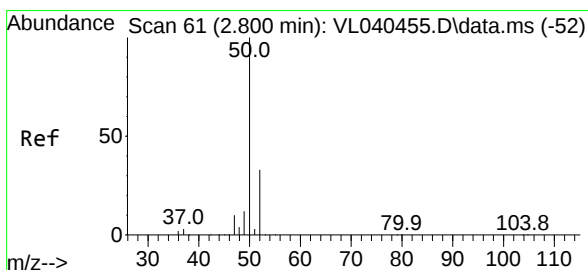
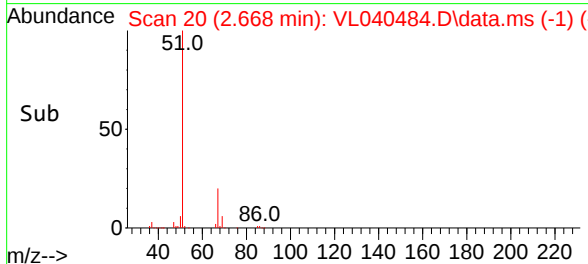
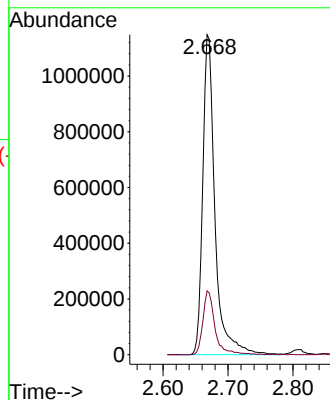
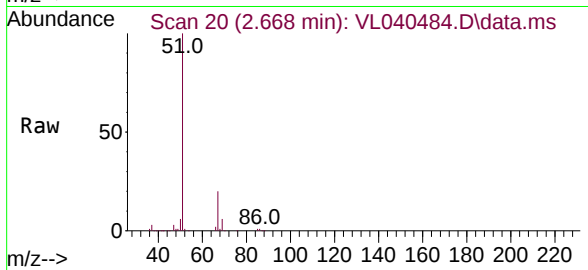
67 19.9 16.3 24.5

Manual Integrations

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Reviewed By :Krupa Patel 06/27/2023

Supervised By :Mahesh Dadoda 06/27/2023



#4

Chloromethane

Concen: 9.449 ppbv

RT: 2.806 min Scan# 63

Delta R.T. 0.006 min

Lab File: VL040484.D

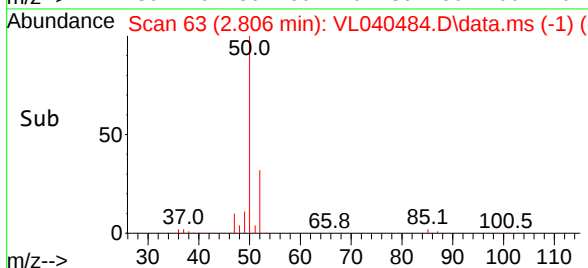
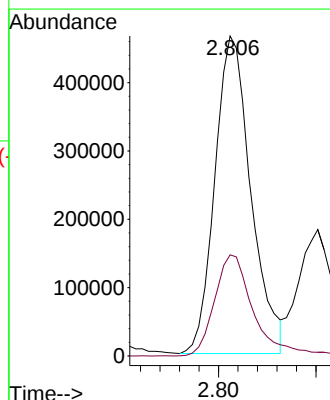
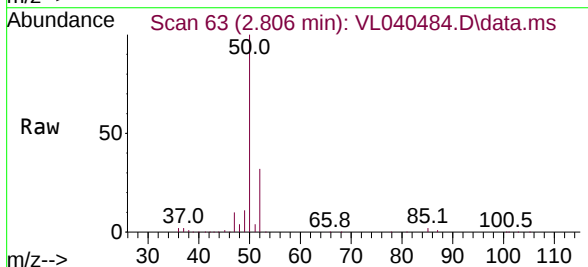
Acq: 22 Jun 2023 13:23

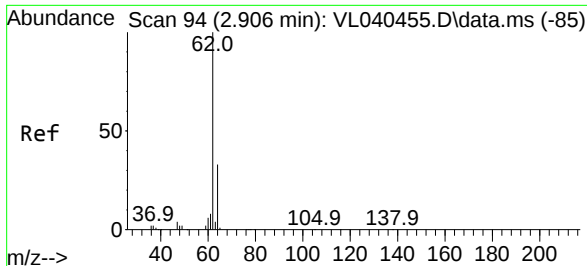
Tgt Ion: 50 Resp: 596907

Ion Ratio Lower Upper

50 100

52 31.8 26.3 39.5





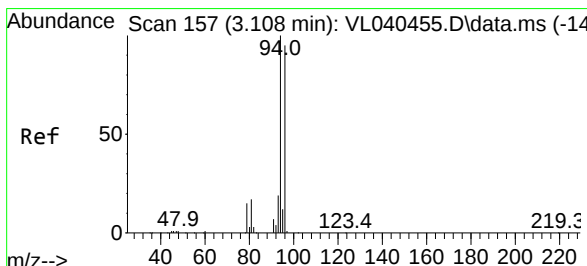
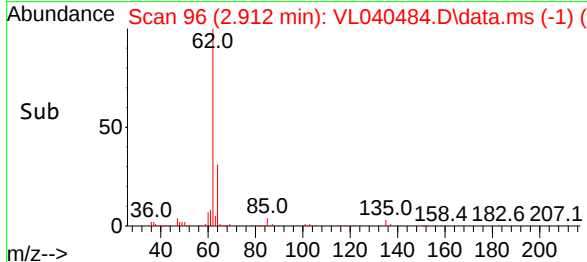
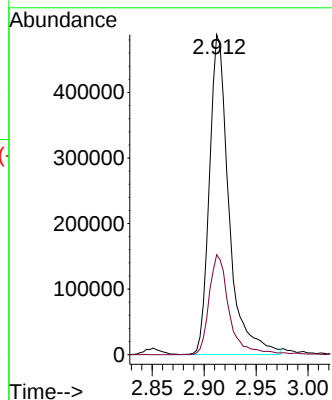
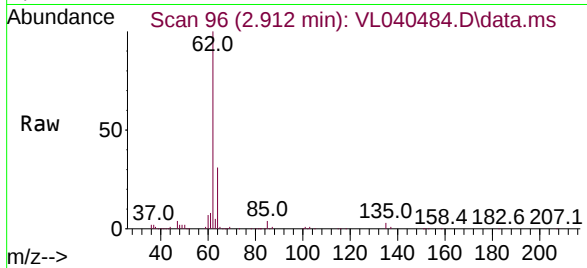
#5
 Vinyl Chloride
 Concen: 10.101 ppbv
 RT: 2.912 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: VL040484.D
 Acq: 22 Jun 2023 13:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 636780
 Ion Ratio Lower Upper
 62 100
 64 31.3 26.8 40.2

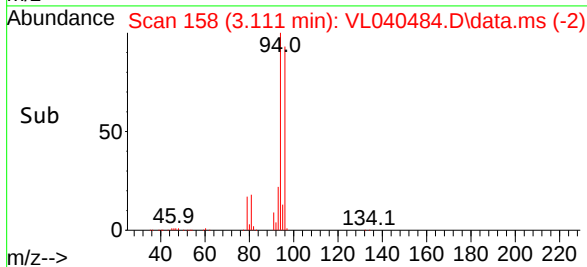
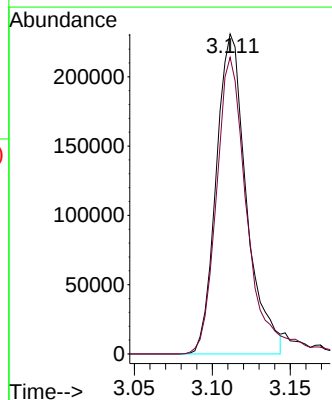
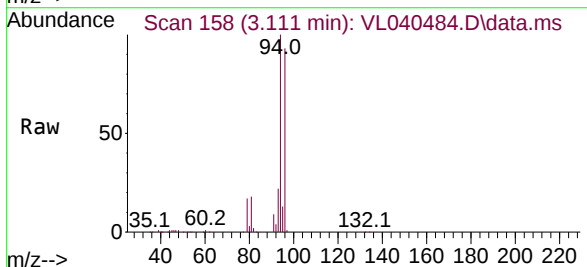
Manual Integrations
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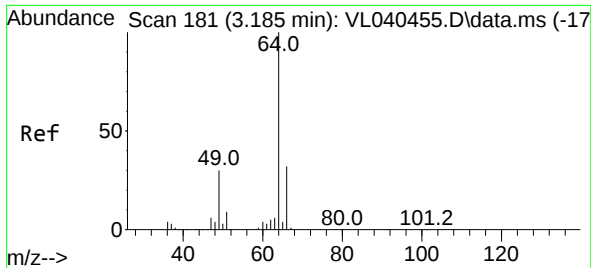
Reviewed By :Krupa Patel 06/27/2023
 Supervised By :Mahesh Dadoda 06/27/2023



#6
 Bromomethane
 Concen: 9.559 ppbv
 RT: 3.111 min Scan# 158
 Delta R.T. 0.003 min
 Lab File: VL040484.D
 Acq: 22 Jun 2023 13:23

Tgt Ion: 94 Resp: 311960
 Ion Ratio Lower Upper
 94 100
 96 92.7 75.8 113.8





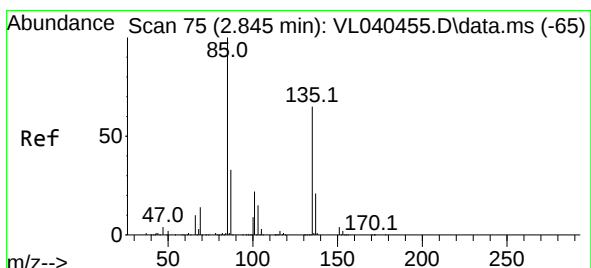
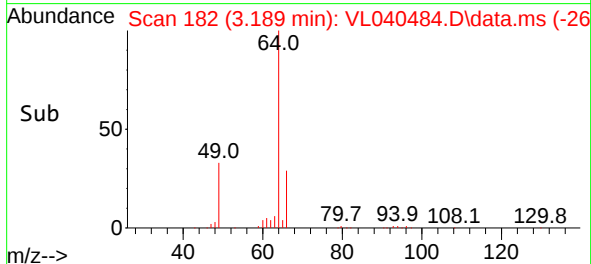
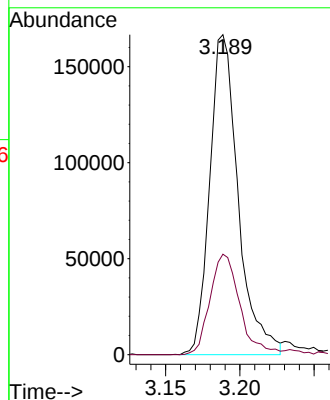
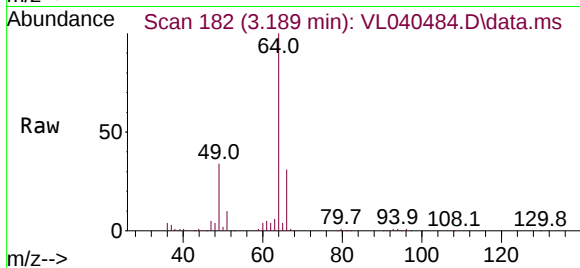
#7
Chloroethane
Concen: 9.446 ppbv
RT: 3.189 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 222404
Ion Ratio Lower Upper
64 100
66 31.4 25.6 38.4

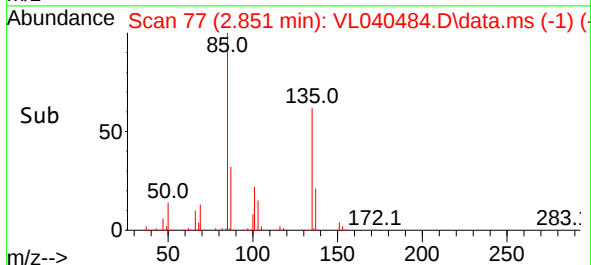
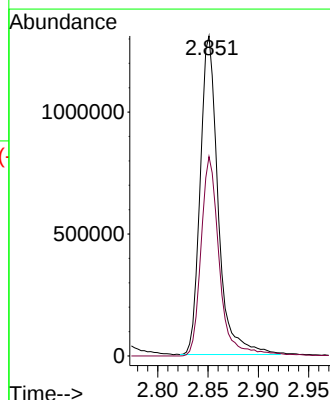
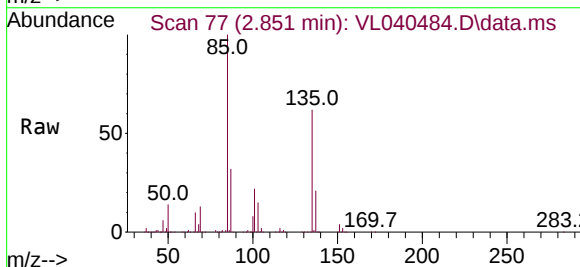
Manual Integrations
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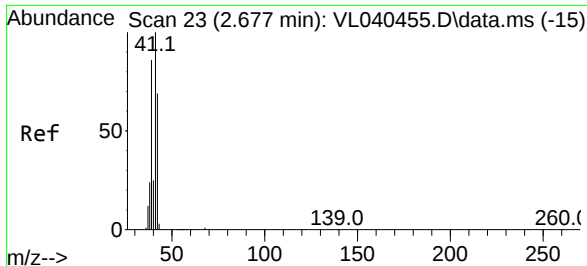
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#8
Dichlorotetrafluoroethane
Concen: 9.454 ppbv
RT: 2.851 min Scan# 77
Delta R.T. 0.006 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Tgt Ion: 85 Resp: 1619035
Ion Ratio Lower Upper
85 100
135 64.6 52.0 78.0





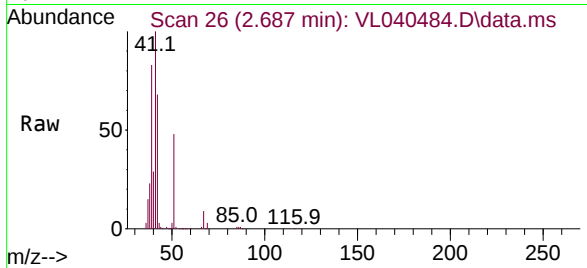
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 Propene
 Concen: 8.744 ppbv
 RT: 2.687 min Scan# 20
 Delta R.T. 0.010 min
 Lab File: VL040484.D
 Acq: 22 Jun 2023 13:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



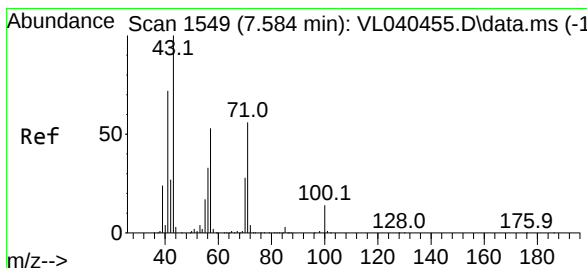
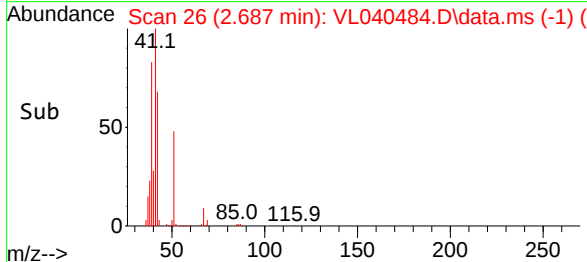
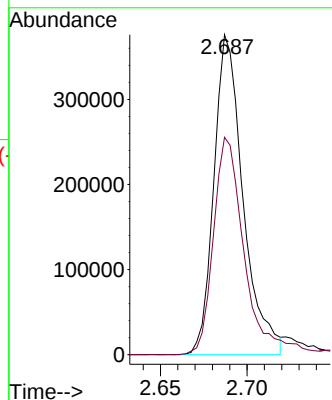
Tgt Ion: 41 Resp: 440017
 Ion Ratio Lower Upper
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 42 73.8 56.2 84.2

Manual Integrations

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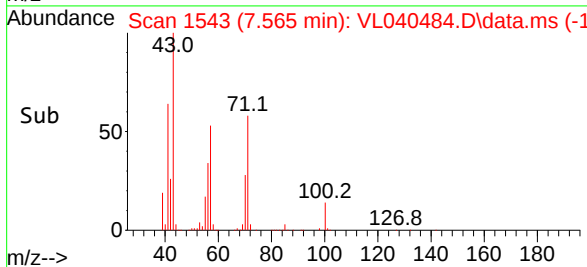
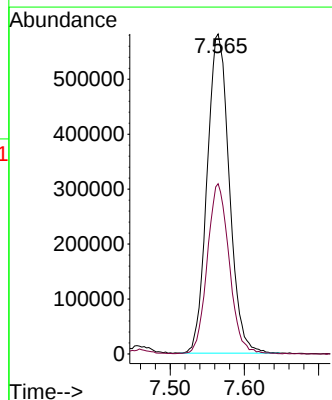
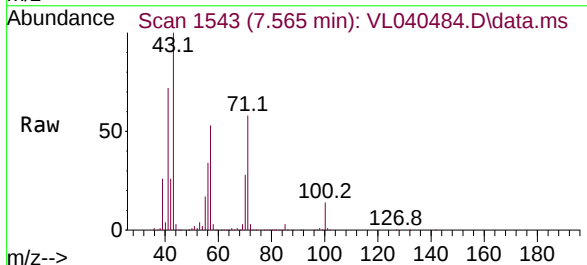
Reviewed By :Krupa Patel 06/27/2023

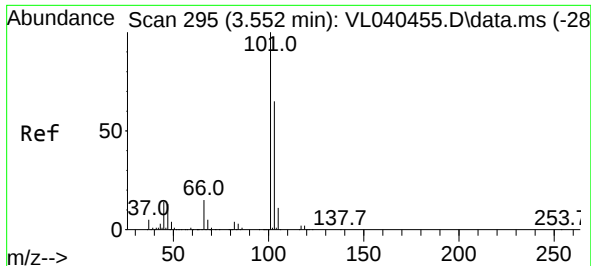
Supervised By :Mahesh Dadoda 06/27/2023



#10
 Heptane
 Concen: 10.578 ppbv
 RT: 7.565 min Scan# 1543
 Delta R.T. -0.019 min
 Lab File: VL040484.D
 Acq: 22 Jun 2023 13:23

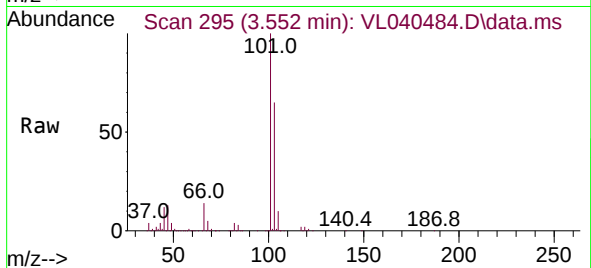
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 Ion Ratio Lower Upper
 43 100
 57 53.1 42.5 63.7





#11
 Trichlorofluoromethane
 Concen: 9.405 ppbv
 RT: 3.552 min Scan# 295
 Delta R.T. -0.000 min
 Lab File: VL040484.D
 Acq: 22 Jun 2023 13:23

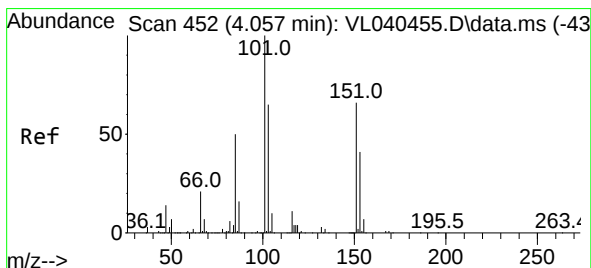
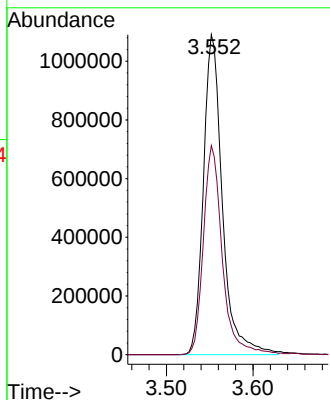
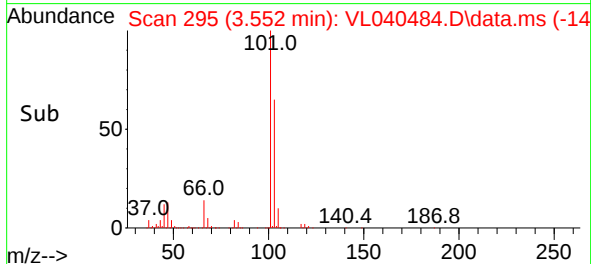
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



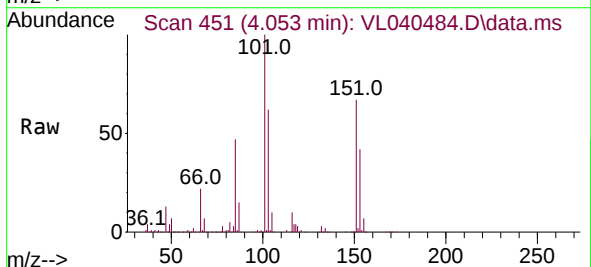
Tgt Ion:101 Resp: 1660740
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.7 77.5

Manual Integrations
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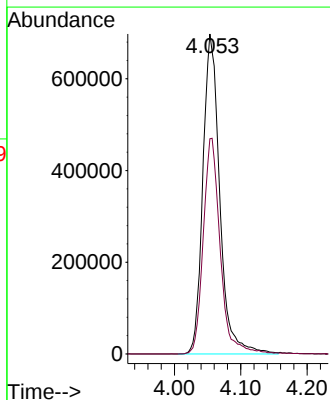
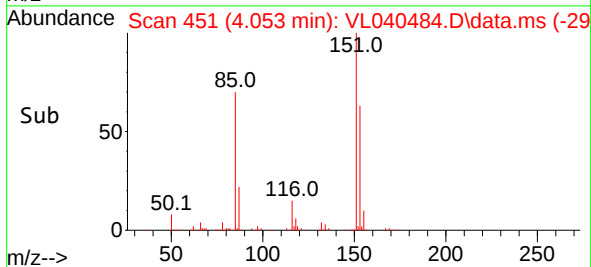
Reviewed By :Krupa Patel 06/27/2023
 Supervised By :Mahesh Dadoda 06/27/2023

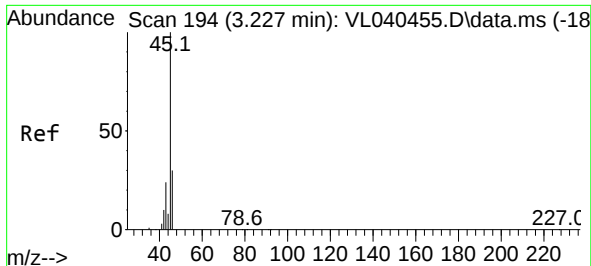


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.999 ppbv
 RT: 4.053 min Scan# 451
 Delta R.T. -0.003 min
 Lab File: VL040484.D
 Acq: 22 Jun 2023 13:23



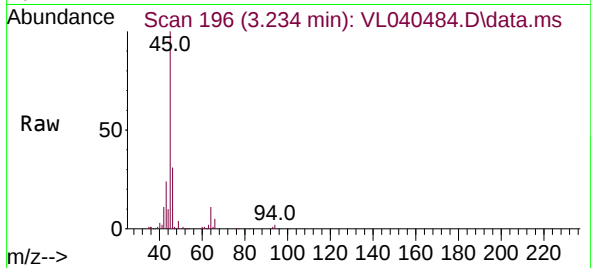
Tgt Ion:101 Resp: 1233389
 Ion Ratio Lower Upper
 101 100
 151 67.8 54.3 81.5





#13
Ethanol
Concen: 9.904 ppbv
RT: 3.234 min Scan# 194
Delta R.T. 0.006 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

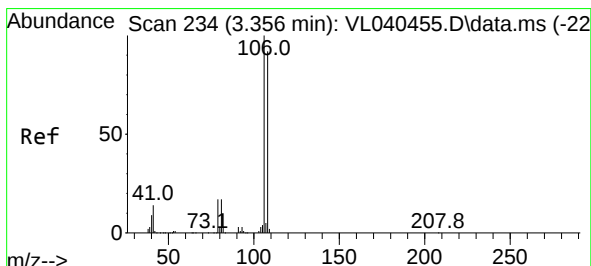
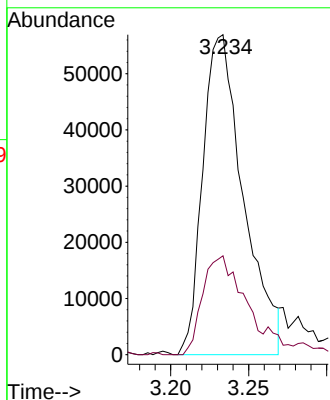
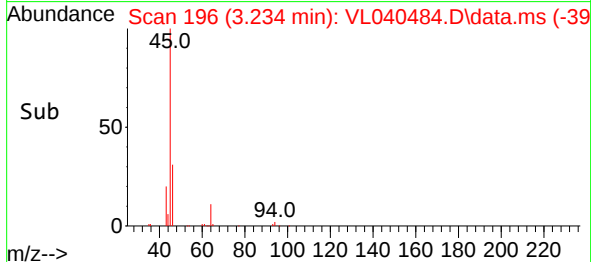
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



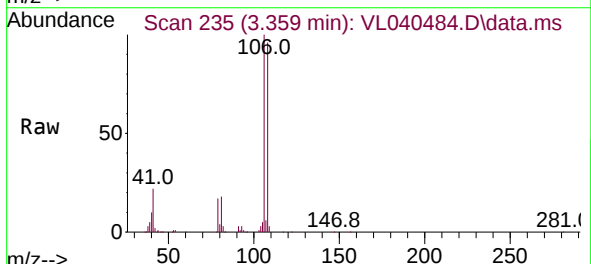
Tgt Ion: 45 Resp: 103204
Ion Ratio Lower Upper
45 100
46 36.7 14.5 58.1

Manual Integrations
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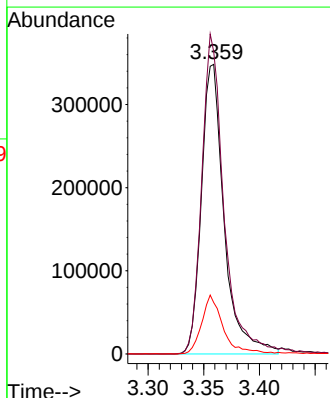
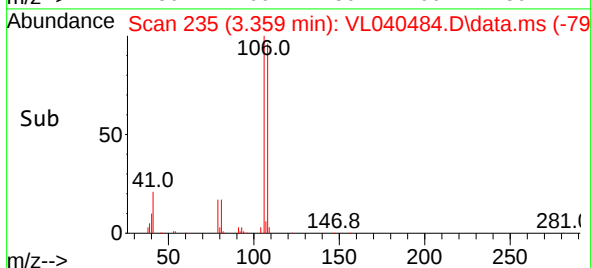
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

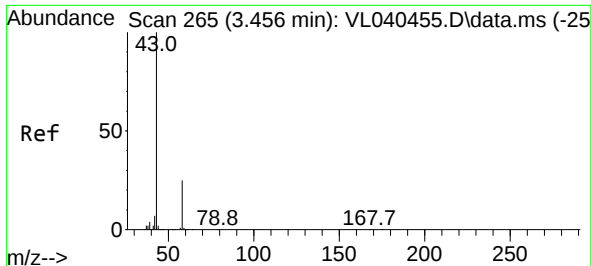


#14
Bromoethene
Concen: 9.625 ppbv
RT: 3.359 min Scan# 235
Delta R.T. 0.003 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23



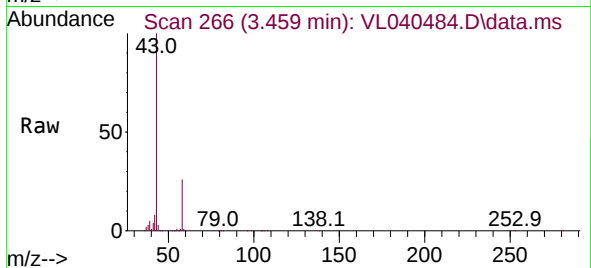
Tgt Ion:108 Resp: 496571
Ion Ratio Lower Upper
108 100
106 109.3 87.4 131.0
79 20.0 15.9 23.9





#15
Acetone
Concen: 8.786 ppbv
RT: 3.459 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

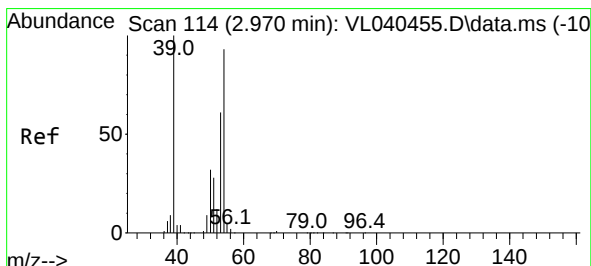
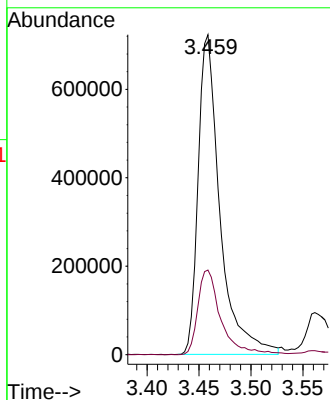
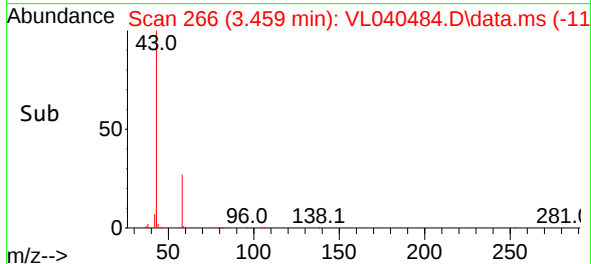
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



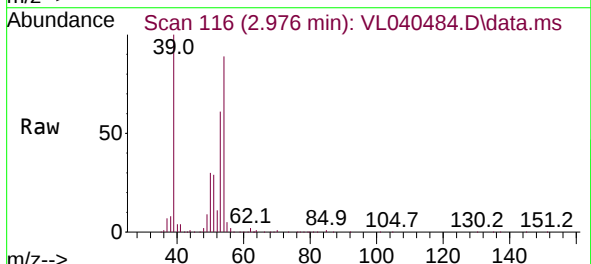
Tgt Ion: 43 Resp: 105584
Ion Ratio Lower Upper
43 100
58 27.9 21.6 32.4

Manual Integrations
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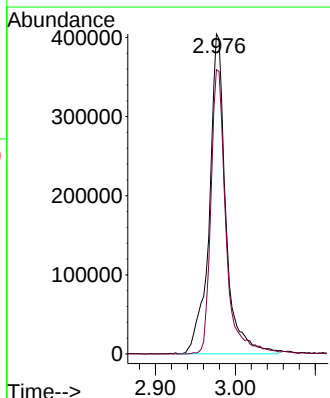
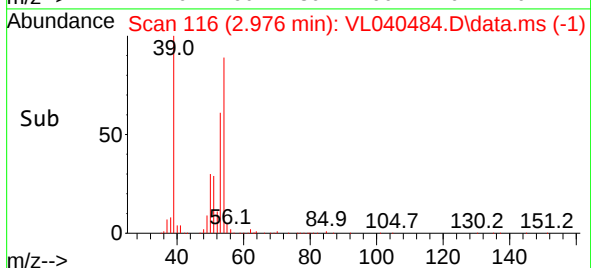
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

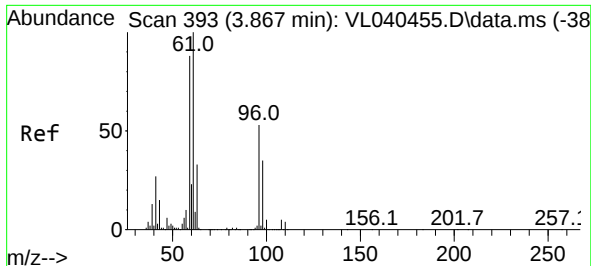


#16
1,3-Butadiene
Concen: 9.973 ppbv
RT: 2.976 min Scan# 116
Delta R.T. 0.006 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23



Tgt Ion: 39 Resp: 583328
Ion Ratio Lower Upper
39 100
54 81.6 66.9 100.3





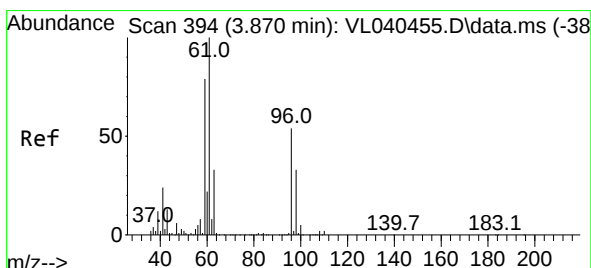
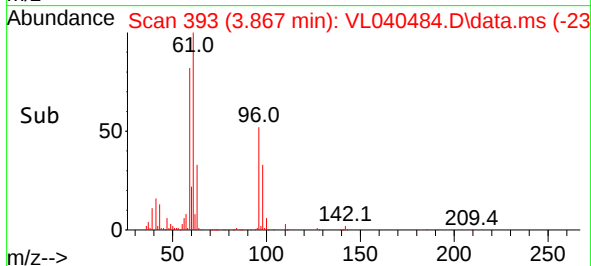
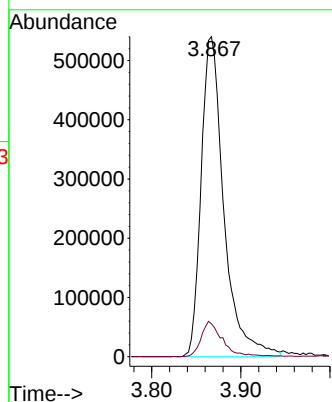
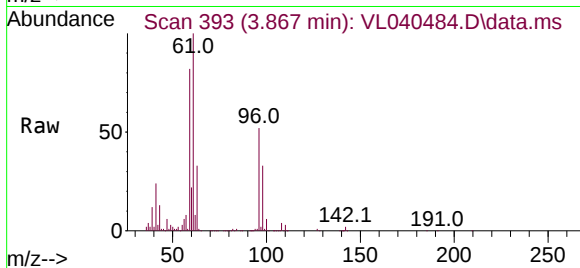
#17
tert-Butyl alcohol
Concen: 9.679 ppbv
RT: 3.867 min Scan# 393
Delta R.T. -0.000 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 59 Resp: 95617
Ion Ratio Lower Upper
59 100
57 10.6 8.8 13.2

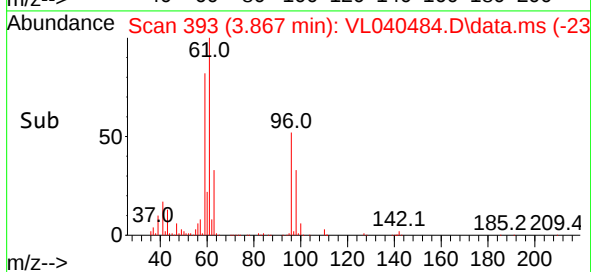
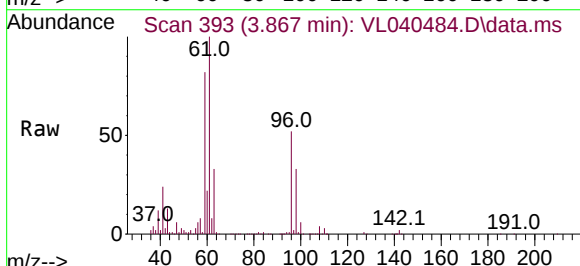
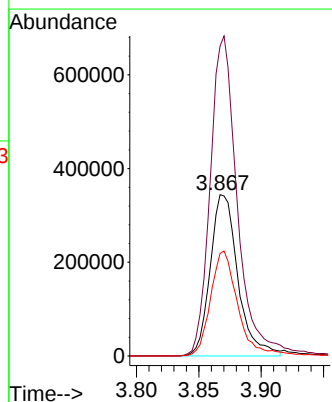
Manual Integrations
APPROVED

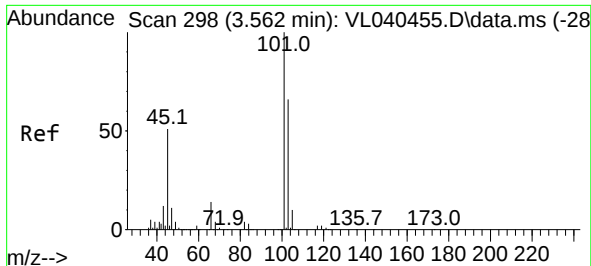
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#18
1,1-Dichloroethene
Concen: 9.690 ppbv
RT: 3.867 min Scan# 393
Delta R.T. -0.003 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

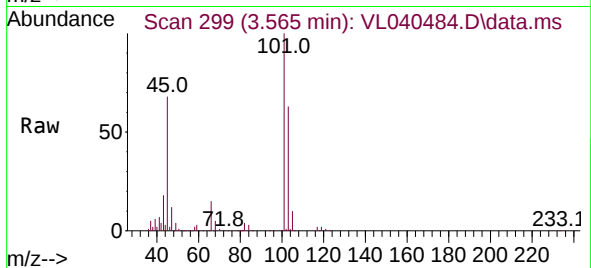
Tgt Ion: 96 Resp: 532582
Ion Ratio Lower Upper
96 100
61 191.9 149.5 224.3
98 63.6 48.7 73.1





#19
Isopropyl Alcohol
Concen: 9.920 ppbv
RT: 3.565 min Scan# 298
Delta R.T. 0.003 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

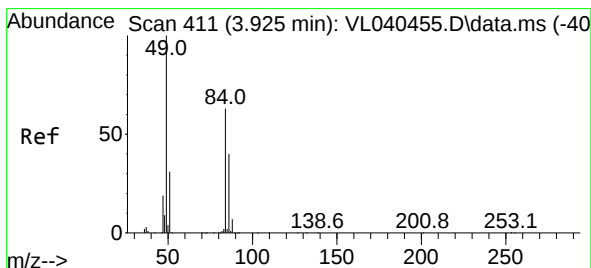
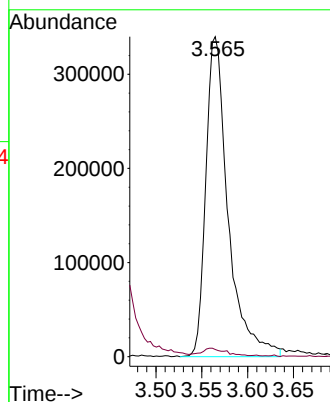
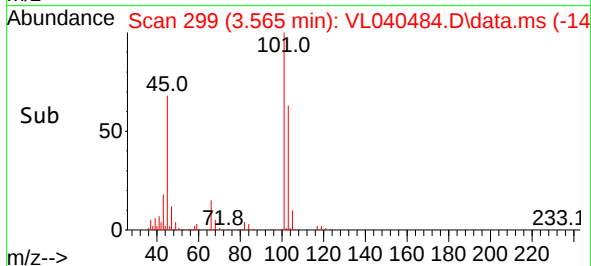
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



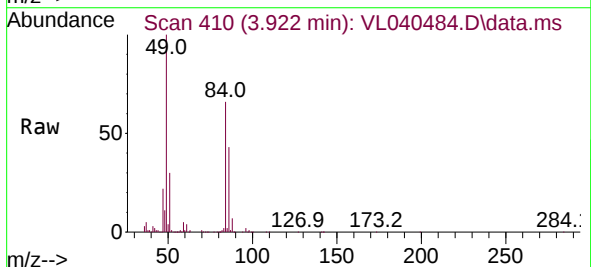
Tgt Ion: 45 Resp: 57457
Ion Ratio Lower Upper
45 100
58 3.2 2.6 4.0

Manual Integrations
APPROVED

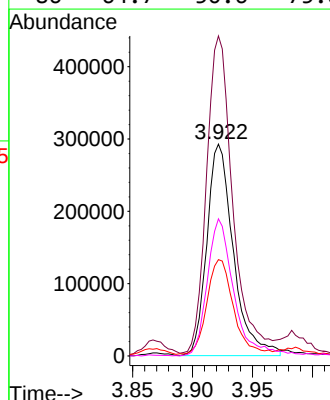
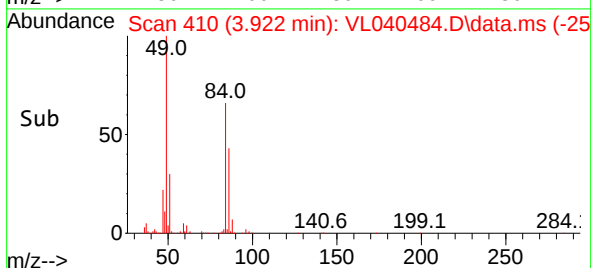
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

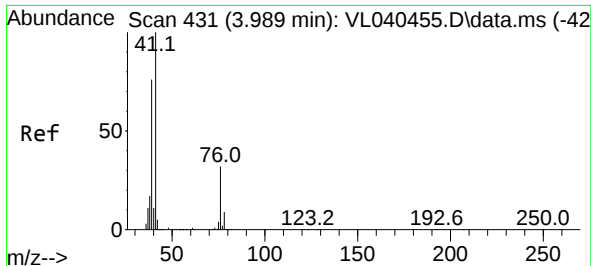


#20
Methylene Chloride
Concen: 8.784 ppbv
RT: 3.922 min Scan# 410
Delta R.T. -0.003 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23



Tgt Ion: 84 Resp: 450519
Ion Ratio Lower Upper
84 100
49 150.0 126.2 189.2
51 44.5 38.7 58.1
86 64.7 50.6 75.8





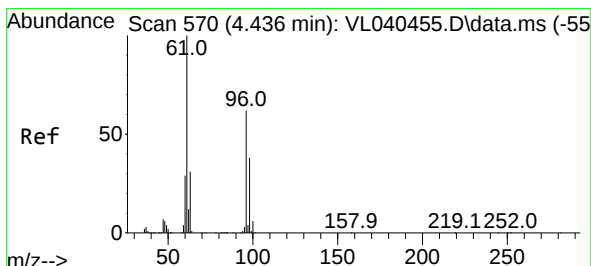
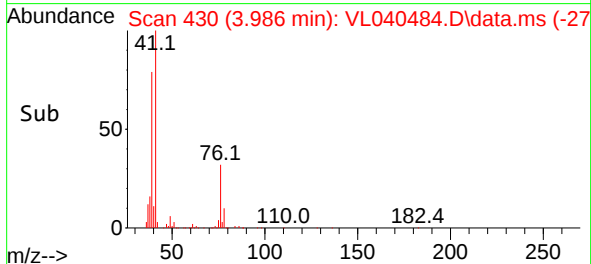
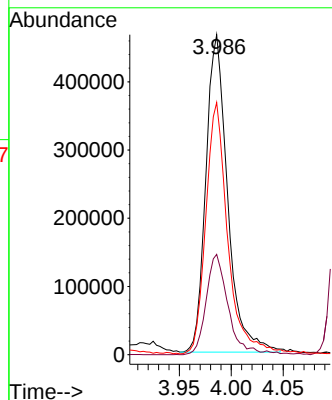
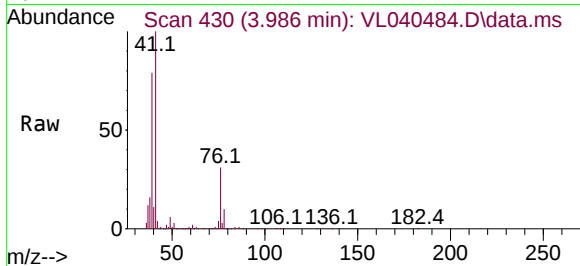
#21
 Allyl Chloride
 Concen: 9.957 ppbv
 RT: 3.986 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL040484.D
 Acq: 22 Jun 2023 13:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 675879
 Ion Ratio Lower Upper
 41 100
 76 32.3 26.1 39.1
 39 80.4 63.9 95.9

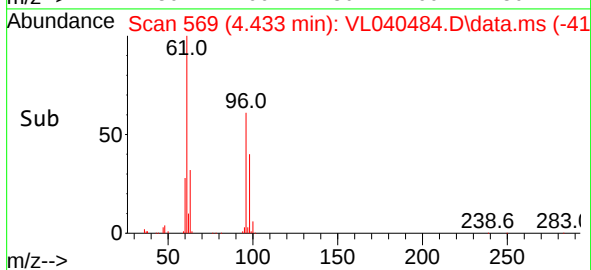
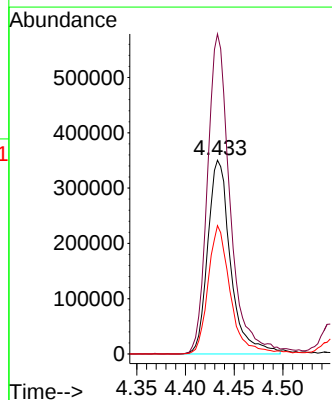
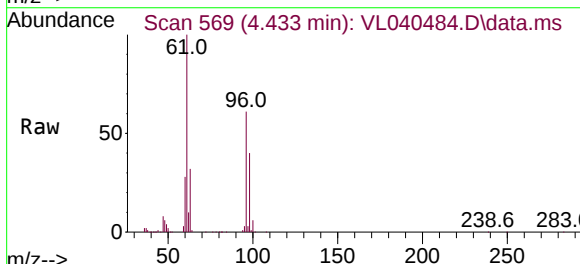
Manual Integrations
 APPROVED

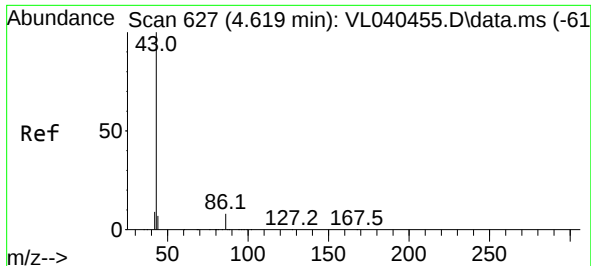
Reviewed By :Krupa Patel 06/27/2023
 Supervised By :Mahesh Dadoda 06/27/2023



#22
 trans-1,2-Dichloroethene
 Concen: 10.137 ppbv
 RT: 4.433 min Scan# 569
 Delta R.T. -0.003 min
 Lab File: VL040484.D
 Acq: 22 Jun 2023 13:23

Tgt Ion: 96 Resp: 571629
 Ion Ratio Lower Upper
 96 100
 61 165.2 128.1 192.1
 98 66.2 48.2 72.4





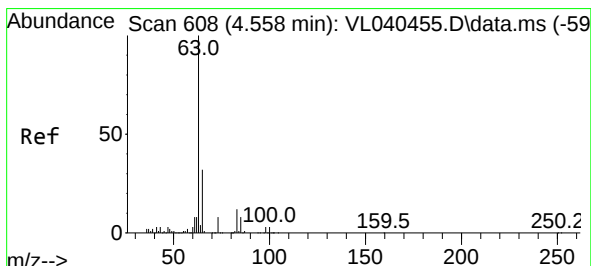
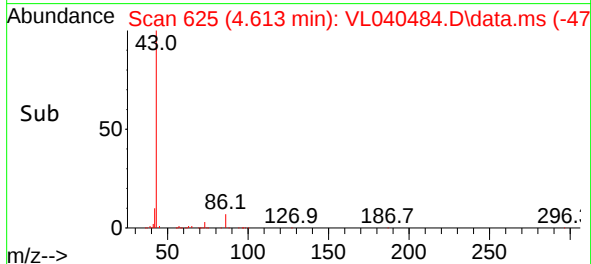
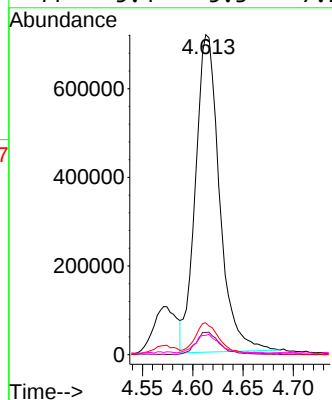
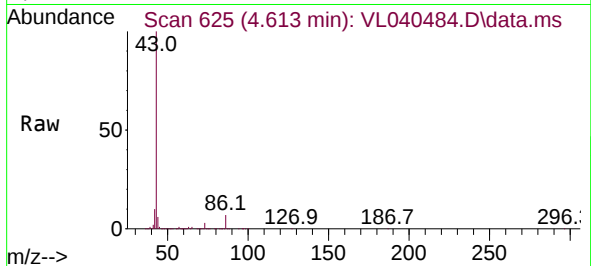
#23
 Vinyl Acetate
 Concen: 10.118 ppbv
 RT: 4.613 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: VL040484.D
 Acq: 22 Jun 2023 13:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 118763
 Ion Ratio Lower Upper
 43 100
 86 7.0 5.8 8.6
 42 9.7 7.4 11.2
 44 5.4 5.3 7.9

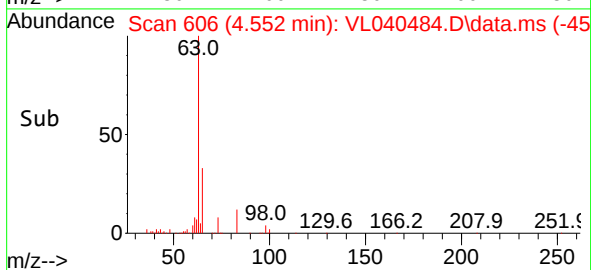
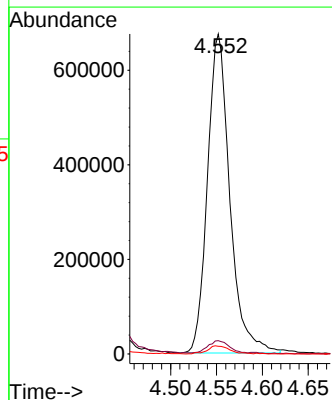
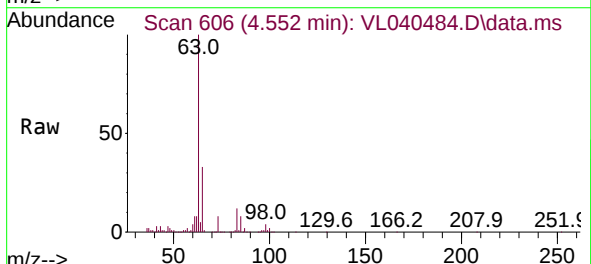
Manual Integrations
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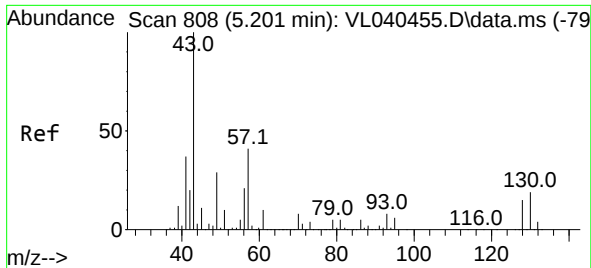
Reviewed By :Krupa Patel 06/27/2023
 Supervised By :Mahesh Dadoda 06/27/2023



#24
 1,1-Dichloroethane
 Concen: 9.695 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. -0.007 min
 Lab File: VL040484.D
 Acq: 22 Jun 2023 13:23

Tgt Ion: 63 Resp: 1141490
 Ion Ratio Lower Upper
 63 100
 98 4.0 1.8 5.5
 100 2.4 1.4 4.0





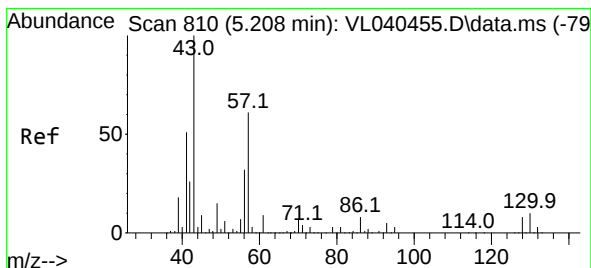
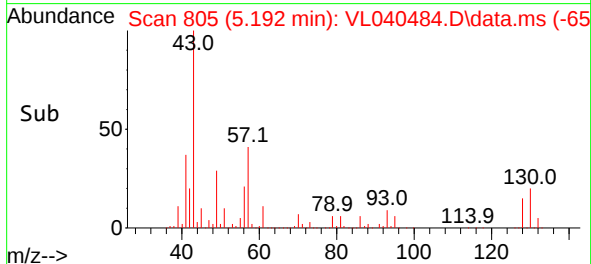
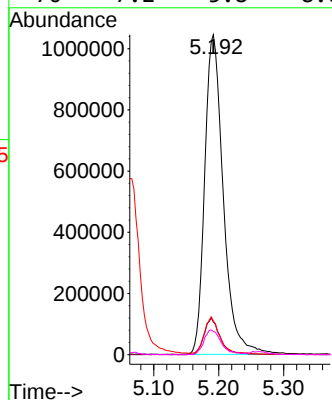
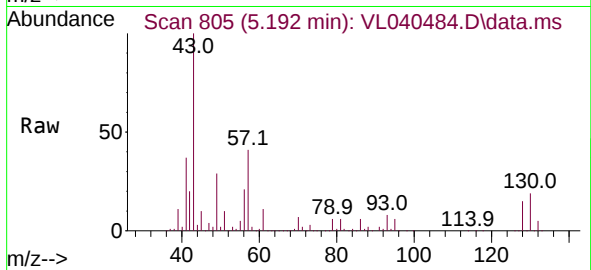
#25
Ethyl Acetate
Concen: 9.559 ppbv
RT: 5.192 min Scan# 805
Delta R.T. -0.010 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 208166
Ion Ratio Lower Upper
43 100
45 10.1 8.0 12.0
61 10.1 8.1 12.1
70 7.2 5.8 8.6

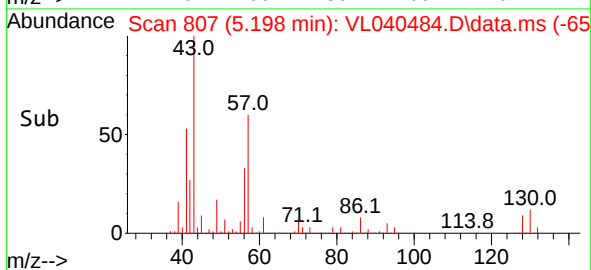
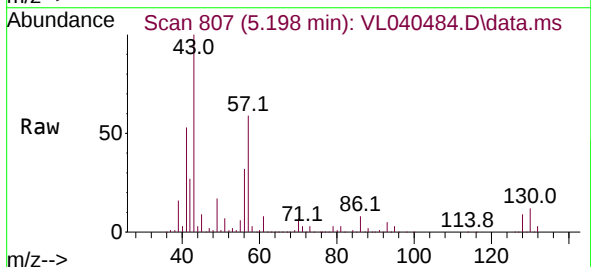
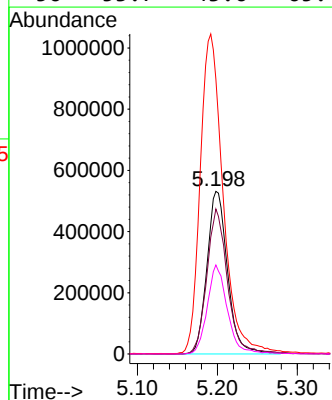
Manual Integrations
APPROVED

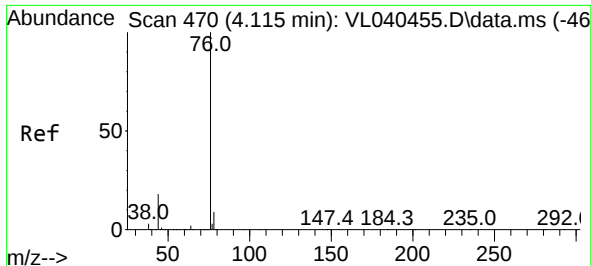
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#26
Hexane
Concen: 9.213 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.010 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

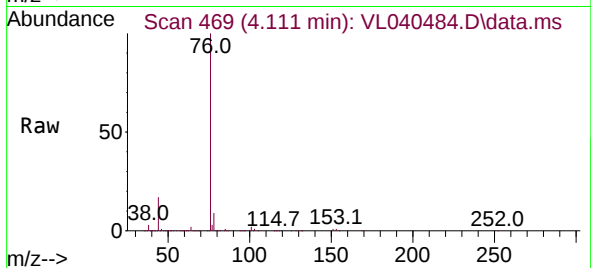
Tgt Ion: 57 Resp: 949989
Ion Ratio Lower Upper
57 100
41 90.6 73.0 109.6
43 219.8 177.5 266.3
56 53.7 43.6 65.4





#27
Carbon Disulfide
Concen: 10.429 ppbv
RT: 4.111 min Scan# 40
Delta R.T. -0.003 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

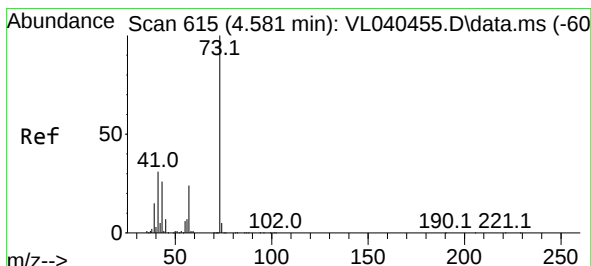
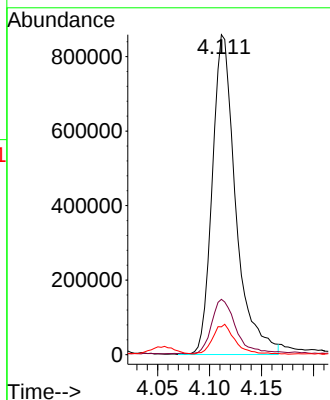
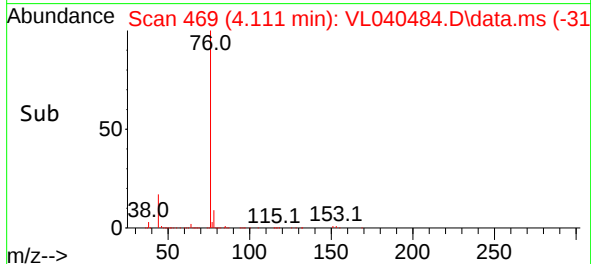
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 1344990
Ion Ratio Lower Upper
76 100
44 18.2 14.6 22.0
78 9.5 7.6 11.4

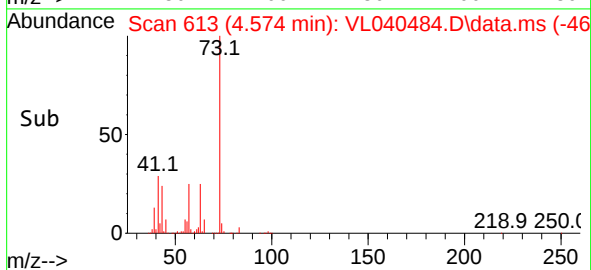
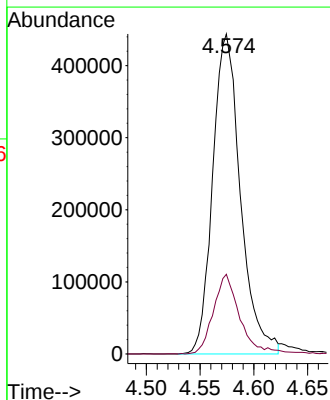
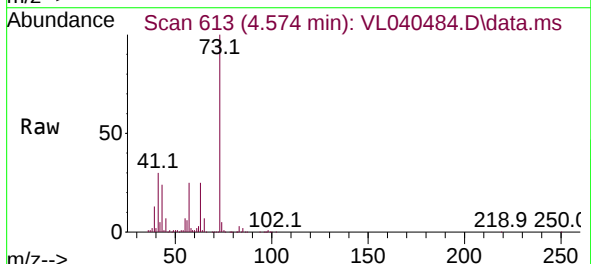
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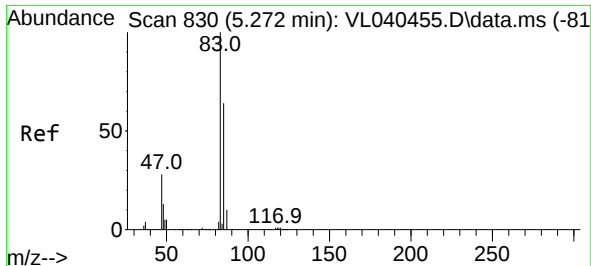
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#28
Methyl tert-Butyl Ether
Concen: 10.026 ppbv
RT: 4.574 min Scan# 613
Delta R.T. -0.007 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Tgt Ion: 73 Resp: 795877
Ion Ratio Lower Upper
73 100
57 23.9 19.0 28.4





#29

Chloroform

Concen: 9.450 ppbv

RT: 5.259 min Scan# 81

Delta R.T. -0.013 min

Lab File: VL040484.D

Acq: 22 Jun 2023 13:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 165995

Ion Ratio Lower Upper

83 100

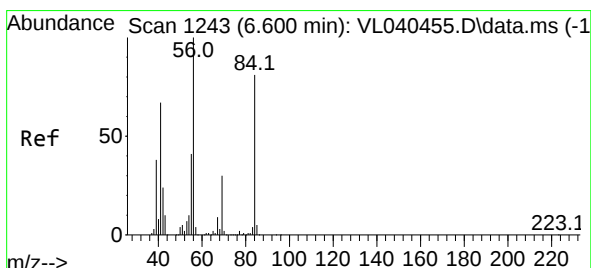
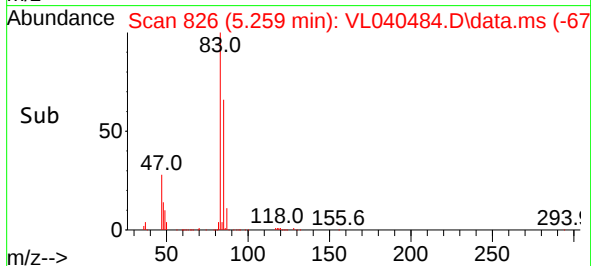
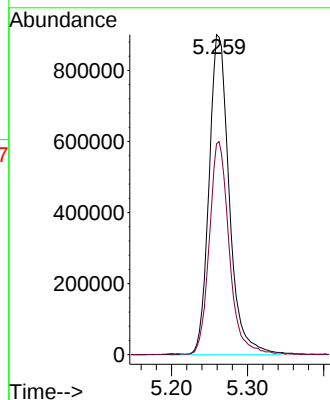
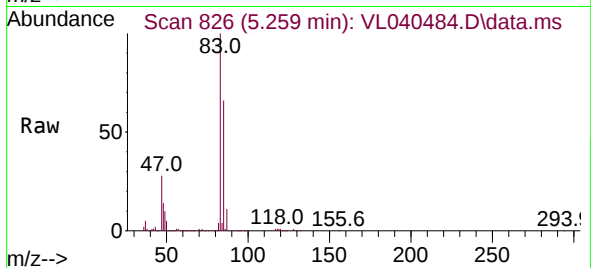
85 65.6 51.1 76.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/27/2023

Supervised By :Mahesh Dadoda 06/27/2023



#30

Cyclohexane

Concen: 9.845 ppbv

RT: 6.587 min Scan# 1239

Delta R.T. -0.013 min

Lab File: VL040484.D

Acq: 22 Jun 2023 13:23

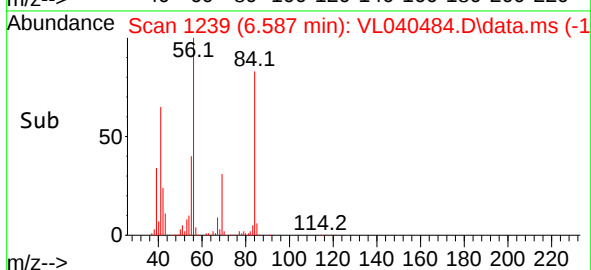
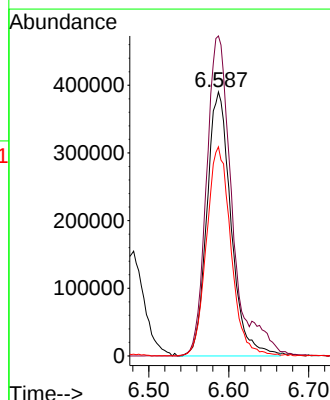
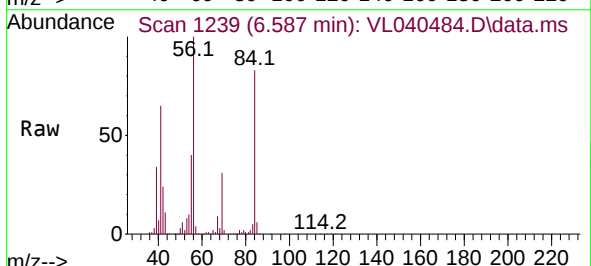
Tgt Ion: 84 Resp: 818100

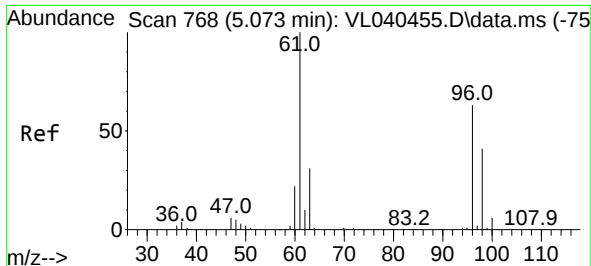
Ion Ratio Lower Upper

84 100

56 130.1 106.0 159.0

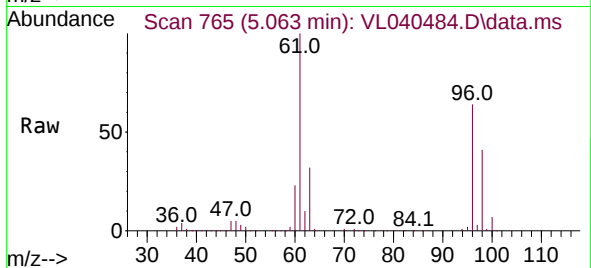
41 80.1 66.8 100.2





#31
 cis-1,2-Dichloroethene
 Concen: 10.003 ppbv
 RT: 5.063 min Scan# 768
 Delta R.T. -0.010 min
 Lab File: VL040484.D
 Acq: 22 Jun 2023 13:23

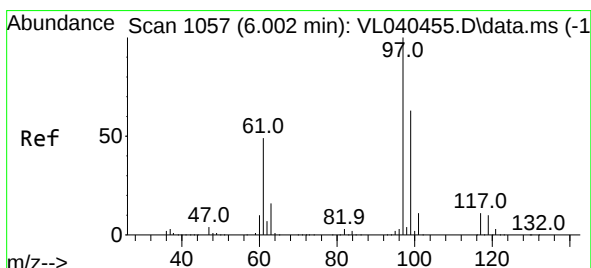
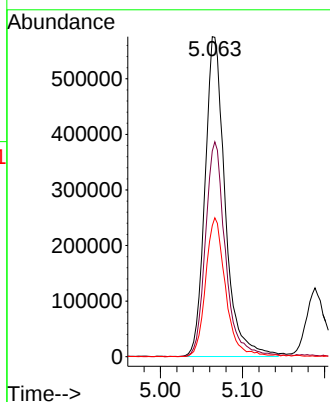
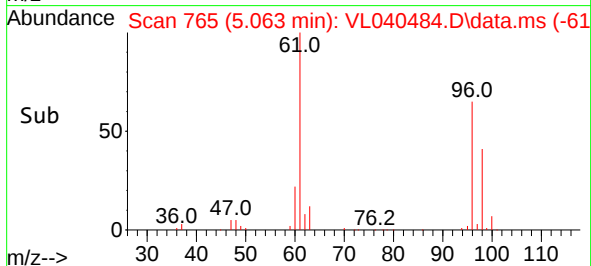
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 61 Resp: 986840
 Ion Ratio Lower Upper
 61 100
 96 64.2 50.2 75.4
 98 41.0 32.9 49.3

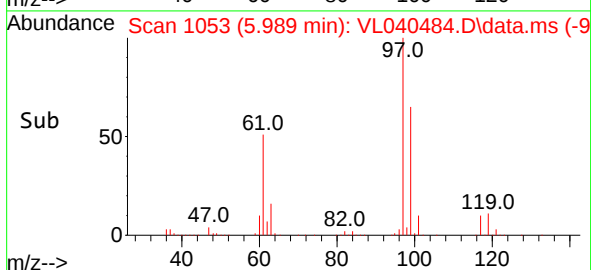
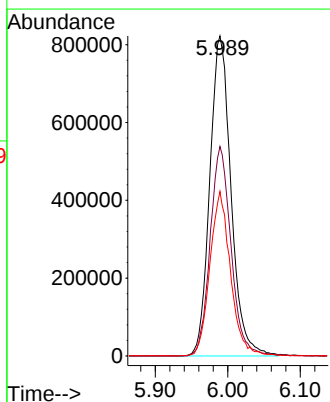
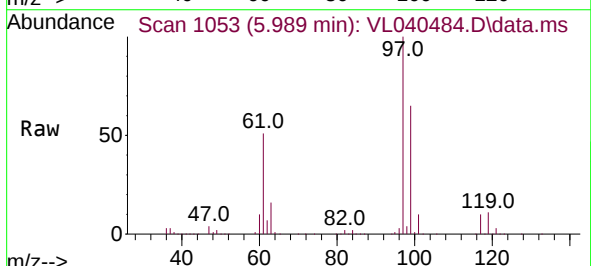
Manual Integrations
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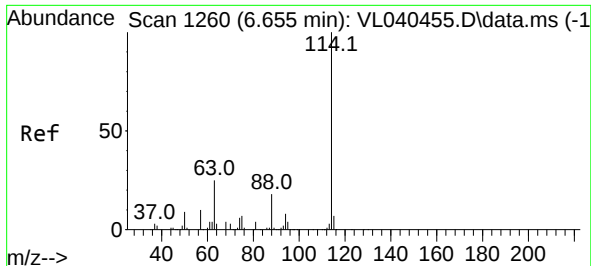
Reviewed By :Krupa Patel 06/27/2023
 Supervised By :Mahesh Dadoda 06/27/2023



#32
 1,1,1-Trichloroethane
 Concen: 9.653 ppbv
 RT: 5.989 min Scan# 1053
 Delta R.T. -0.013 min
 Lab File: VL040484.D
 Acq: 22 Jun 2023 13:23

Tgt Ion: 97 Resp: 1673722
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.5 77.3
 61 50.1 39.7 59.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 114

Delta R.T. -0.013 min

Lab File: VL040484.D

Acq: 22 Jun 2023 13:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 252206

Ion Ratio Lower Upper

114 100

63 26.1 21.0 31.6

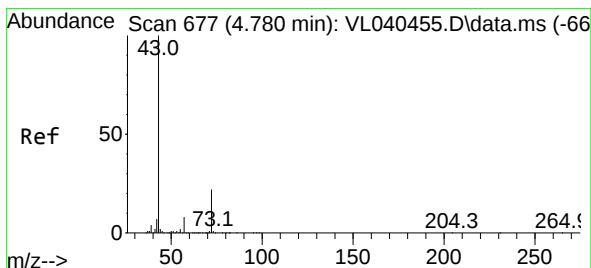
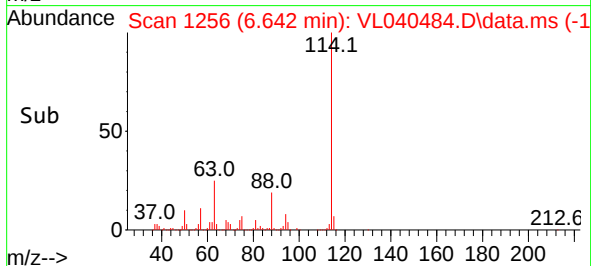
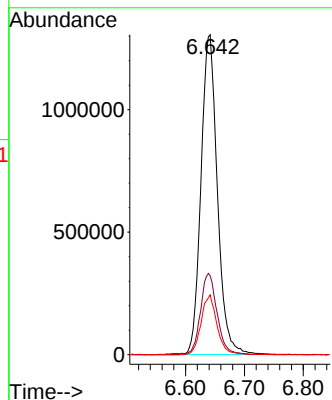
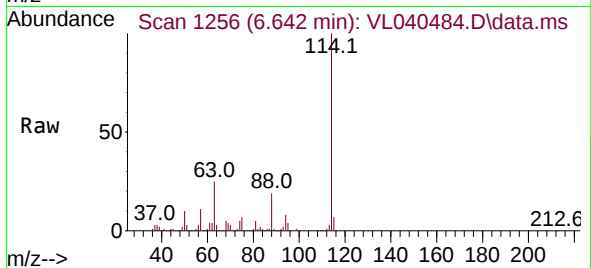
88 18.1 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/27/2023

Supervised By :Mahesh Dadoda 06/27/2023



#34

2-Butanone

Concen: 9.280 ppbv

RT: 4.774 min Scan# 675

Delta R.T. -0.007 min

Lab File: VL040484.D

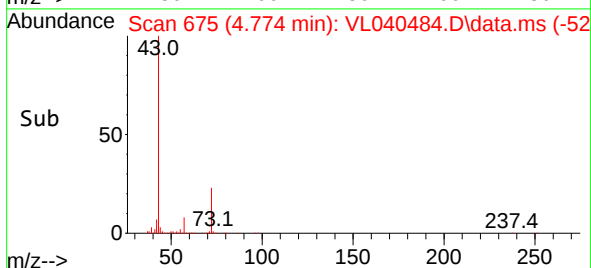
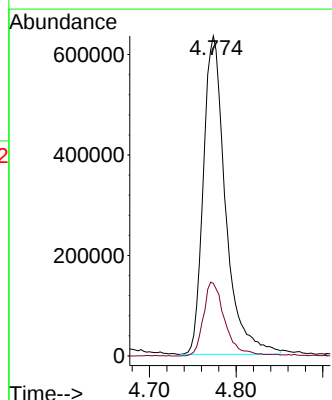
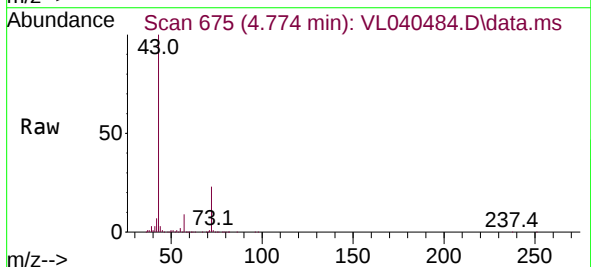
Acq: 22 Jun 2023 13:23

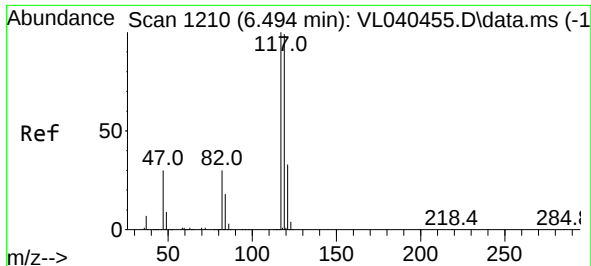
Tgt Ion: 43 Resp: 1128651

Ion Ratio Lower Upper

43 100

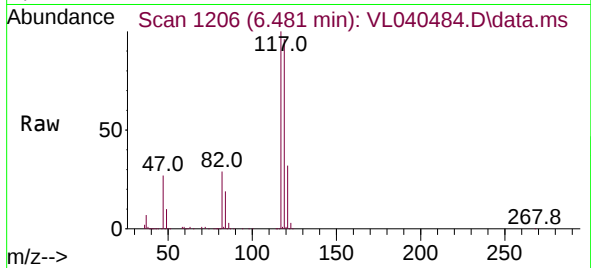
72 23.1 18.1 27.1





#35
Carbon Tetrachloride
Concen: 10.098 ppbv
RT: 6.481 min Scan# 1167
Delta R.T. -0.013 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

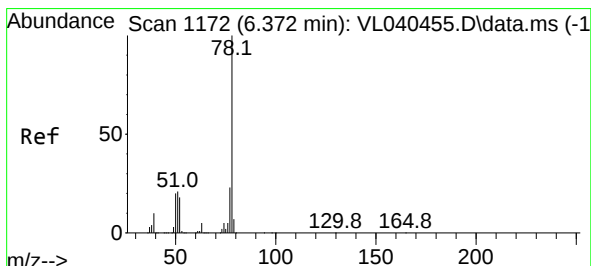
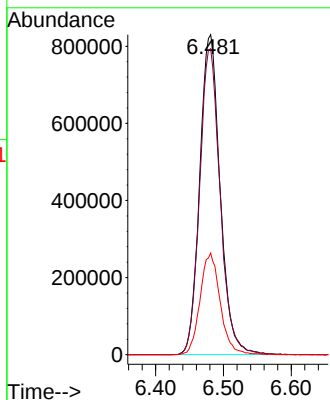
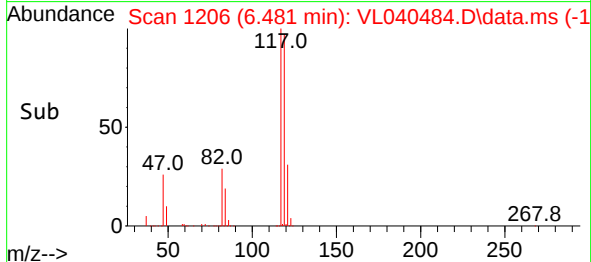
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 1735656
Ion Ratio Lower Upper
117 100
119 95.6 79.1 118.7
121 31.7 26.0 39.0

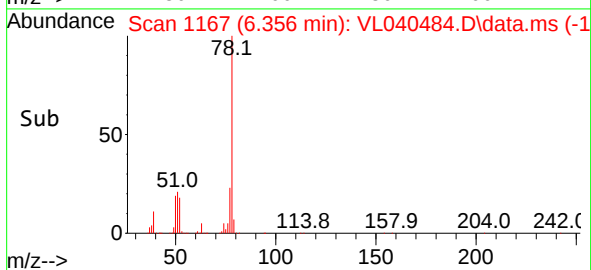
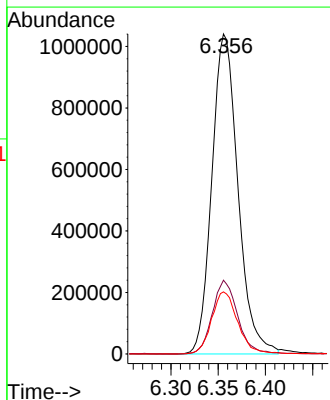
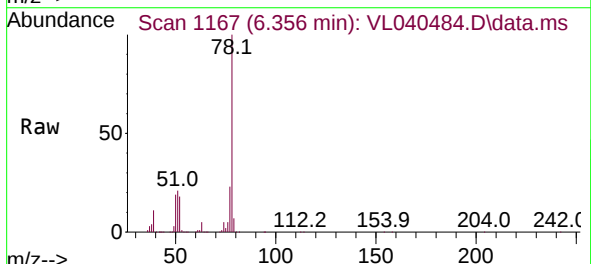
Manual Integrations
APPROVED

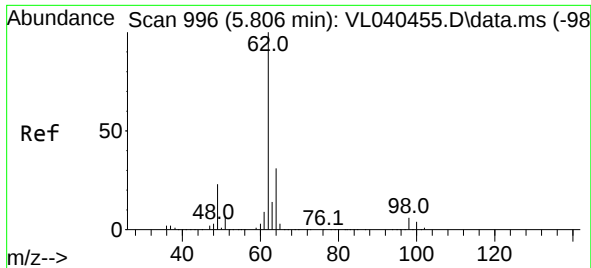
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#36
Benzene
Concen: 9.957 ppbv
RT: 6.356 min Scan# 1167
Delta R.T. -0.016 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

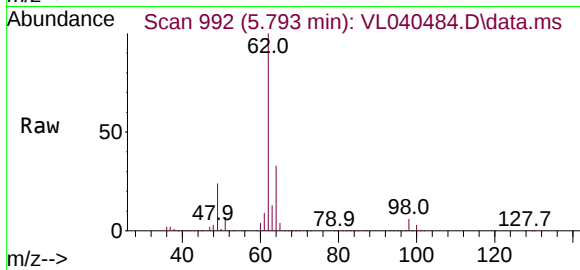
Tgt Ion: 78 Resp: 1997556
Ion Ratio Lower Upper
78 100
77 23.1 18.5 27.7
50 19.4 16.1 24.1





#37
1,2-Dichloroethane
Concen: 9.727 ppbv
RT: 5.793 min Scan# 996
Delta R.T. -0.013 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

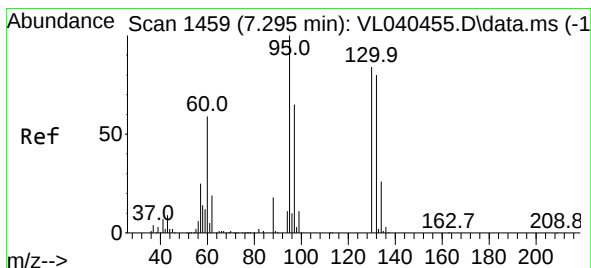
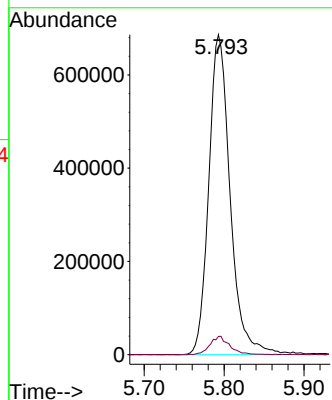
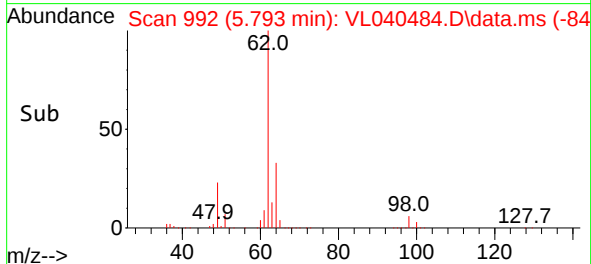
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



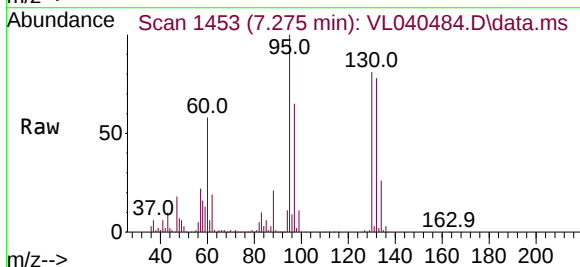
Tgt Ion: 62 Resp: 1271340
Ion Ratio Lower Upper
62 100
98 5.4 4.6 6.8

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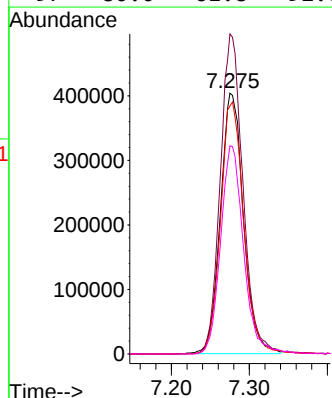
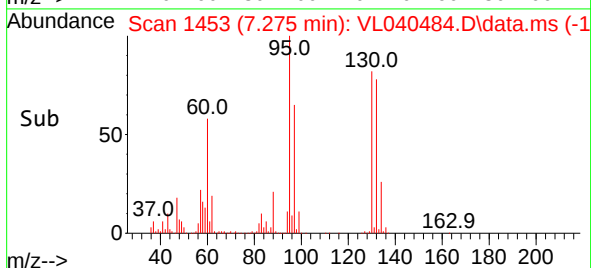
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

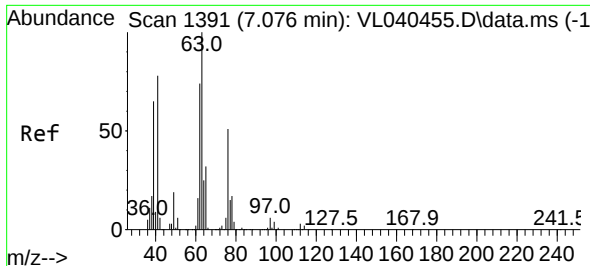


#38
Trichloroethene
Concen: 10.889 ppbv
RT: 7.275 min Scan# 1453
Delta R.T. -0.019 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23



Tgt Ion:130 Resp: 827676
Ion Ratio Lower Upper
130 100
95 122.9 95.4 143.0
132 95.2 76.3 114.5
97 80.0 61.8 92.6





#39

1,2-Dichloropropane

Concen: 9.874 ppbv

RT: 7.060 min Scan# 11

Delta R.T. -0.016 min

Lab File: VL040484.D

Acq: 22 Jun 2023 13:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 76364

Ion Ratio Lower Upper

63 100

41 76.9 62.2 93.2

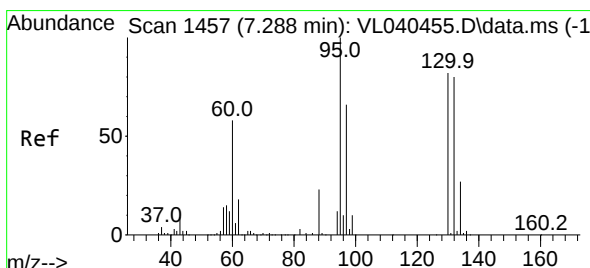
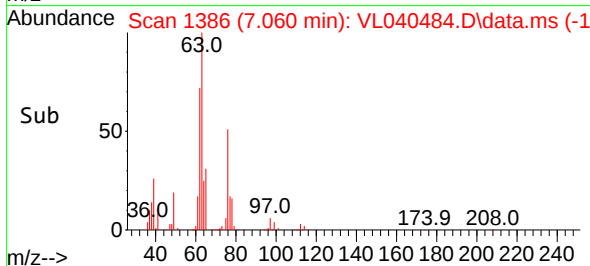
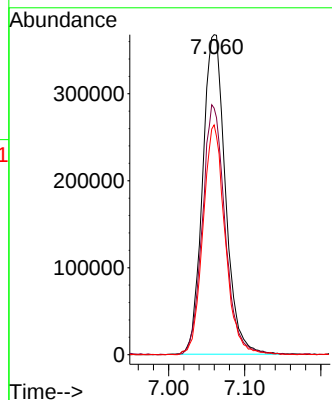
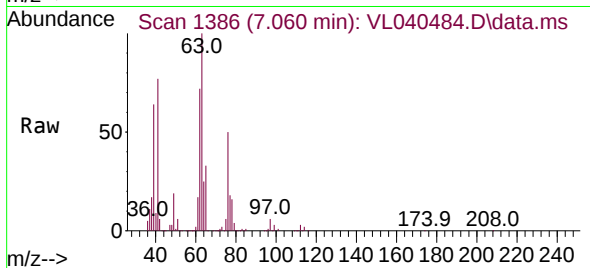
62 71.7 59.0 88.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/27/2023

Supervised By :Mahesh Dadoda 06/27/2023



#40

1,4-Dioxane

Concen: 9.913 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. -0.013 min

Lab File: VL040484.D

Acq: 22 Jun 2023 13:23

Tgt Ion: 88 Resp: 217153

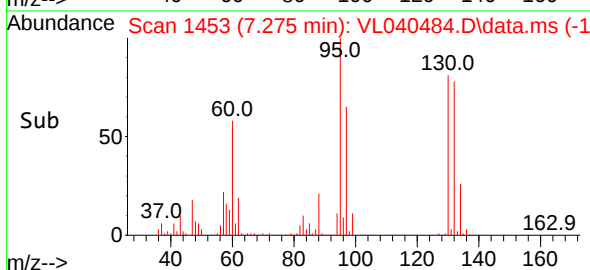
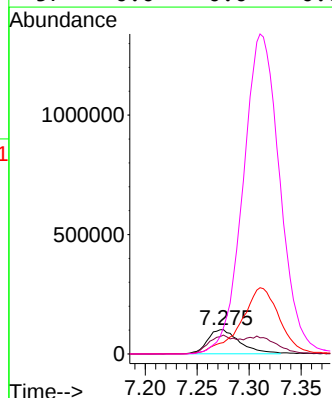
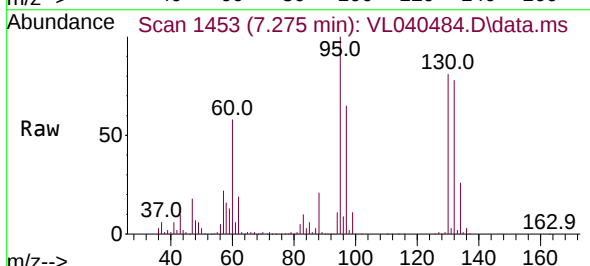
Ion Ratio Lower Upper

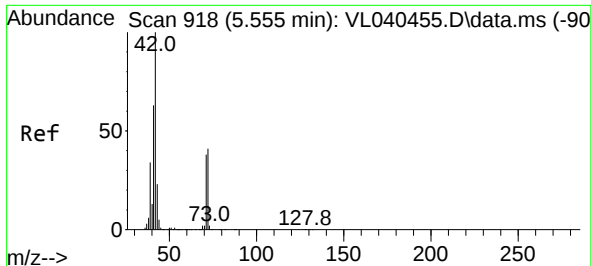
88 100

58 72.7 0.0 0.0#

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 10.221 ppbv

RT: 5.542 min Scan# 918

Delta R.T. -0.013 min

Lab File: VL040484.D

Acq: 22 Jun 2023 13:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 42 Resp: 67942

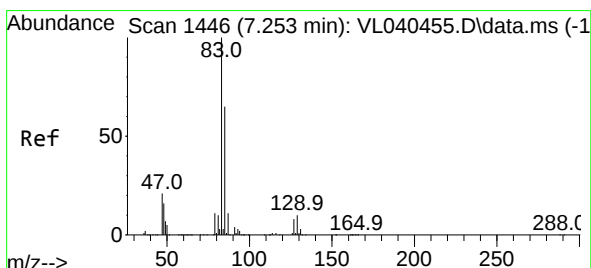
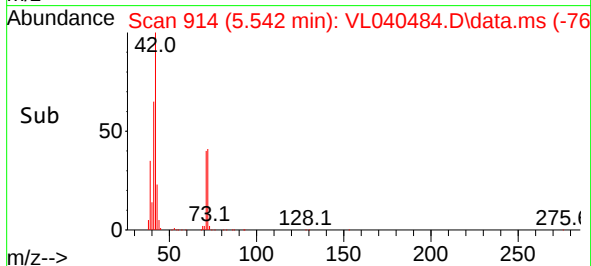
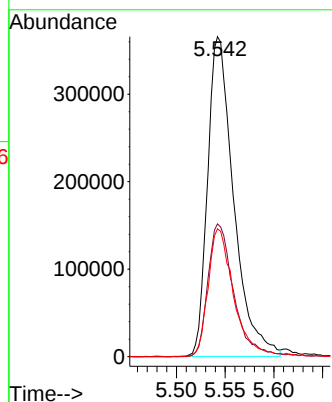
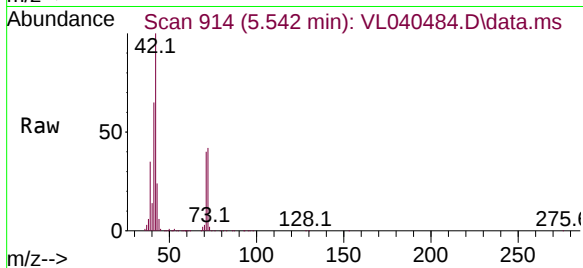
Ion	Ratio	Lower	Upper
42	100		
72	41.5	33.8	50.8
71	39.9	32.3	48.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/27/2023

Supervised By :Mahesh Dadoda 06/27/2023



#42

Bromodichloromethane

Concen: 10.091 ppbv

RT: 7.233 min Scan# 1440

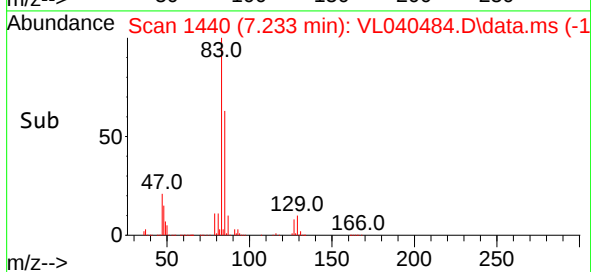
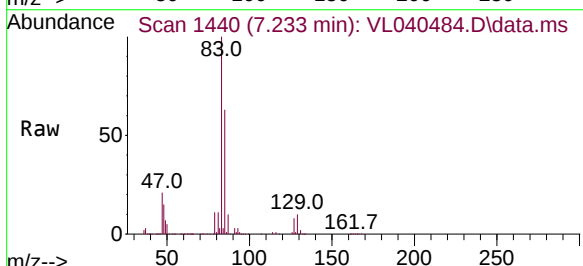
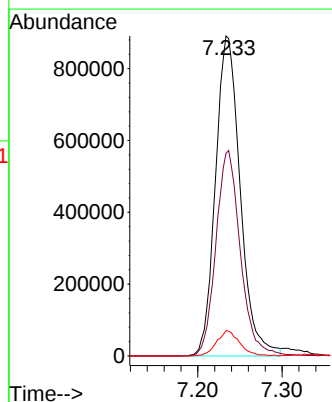
Delta R.T. -0.019 min

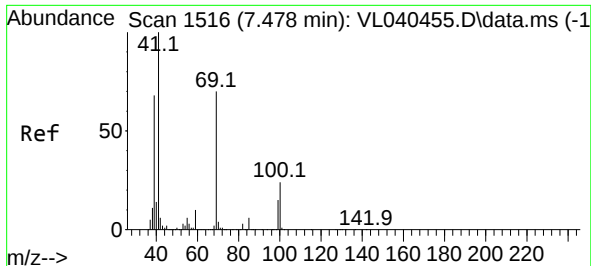
Lab File: VL040484.D

Acq: 22 Jun 2023 13:23

Tgt Ion: 83 Resp: 1816207

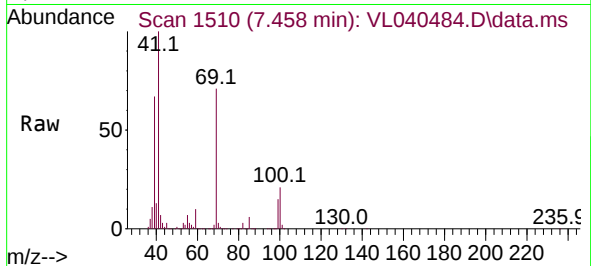
Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.8	77.6
127	7.9	6.1	9.1





#43
Methyl Methacrylate
Concen: 10.944 ppbv
RT: 7.458 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

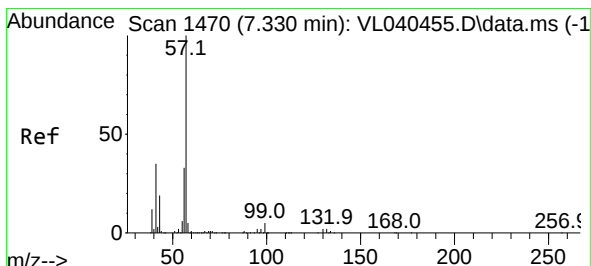
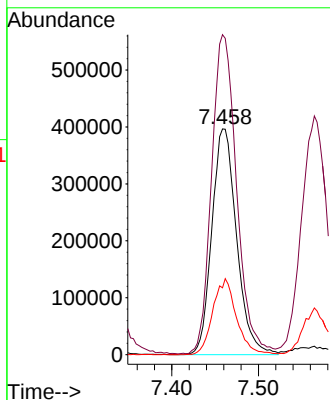
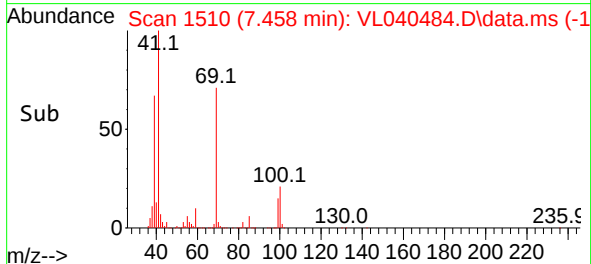
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



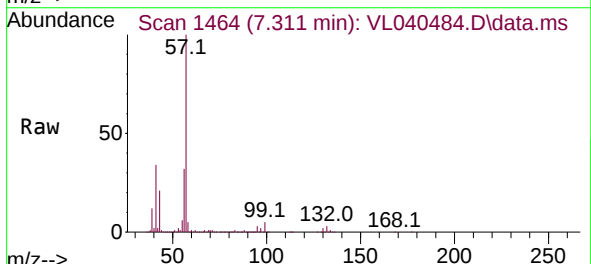
Tgt Ion: 69 Resp: 78866
Ion Ratio Lower Upper
69 100
41 143.7 114.3 171.5
100 32.2 25.4 38.2

Manual Integrations
APPROVED

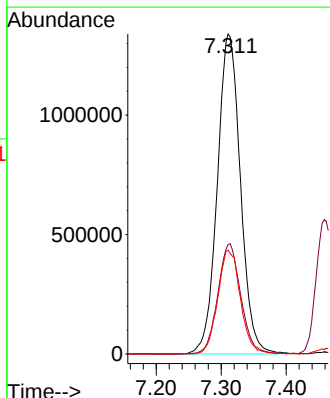
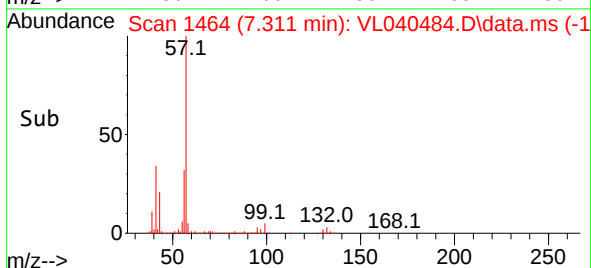
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

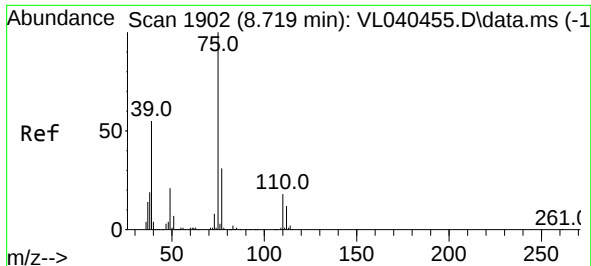


#44
2,2,4-Trimethylpentane
Concen: 10.083 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. -0.019 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23



Tgt Ion: 57 Resp: 3305730
Ion Ratio Lower Upper
57 100
41 34.2 27.8 41.8
56 31.8 25.3 37.9





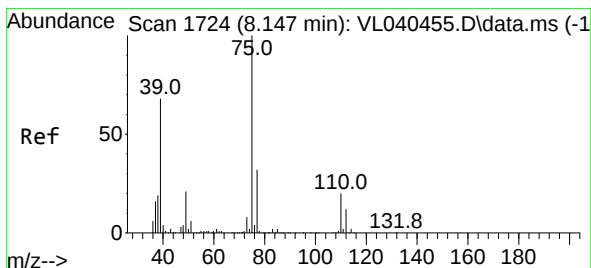
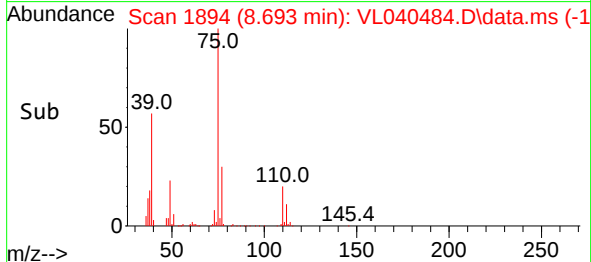
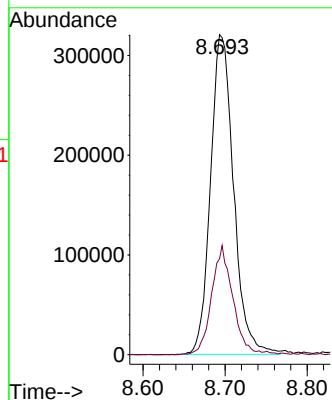
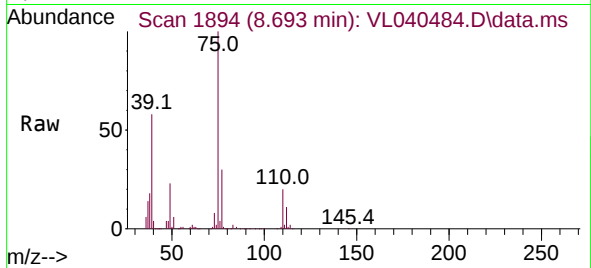
#45
t-1,3-Dichloropropene
Concen: 11.774 ppbv
RT: 8.693 min Scan# 1718
Delta R.T. -0.026 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 62651
Ion Ratio Lower Upper
75 100
77 30.0 25.0 37.4

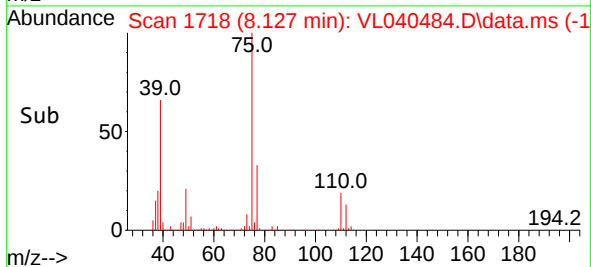
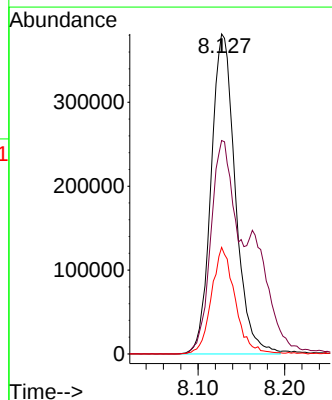
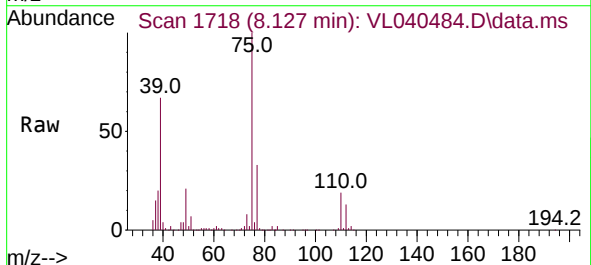
Manual Integrations
APPROVED

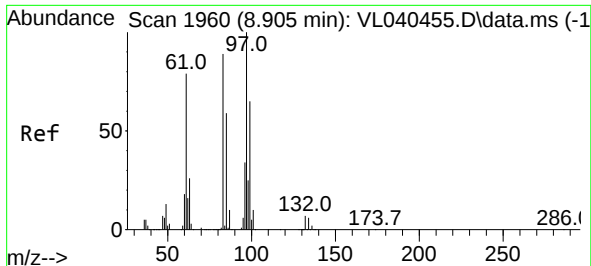
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#46
cis-1,3-Dichloropropene
Concen: 11.439 ppbv
RT: 8.127 min Scan# 1718
Delta R.T. -0.019 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Tgt Ion: 75 Resp: 742043
Ion Ratio Lower Upper
75 100
39 66.5 54.2 81.4
77 33.3 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 9.994 ppbv

RT: 8.883 min Scan# 1960

Delta R.T. -0.023 min

Lab File: VL040484.D

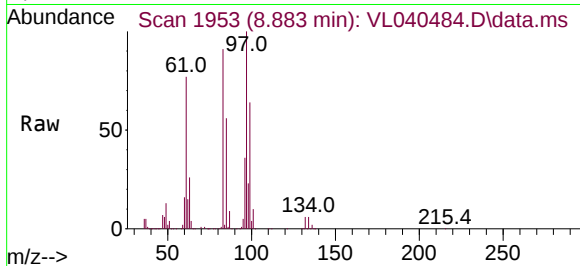
Acq: 22 Jun 2023 13:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 97 Resp: 84943

Ion Ratio Lower Upper

97 100

83 91.5 71.4 107.2

85 56.1 47.2 70.8

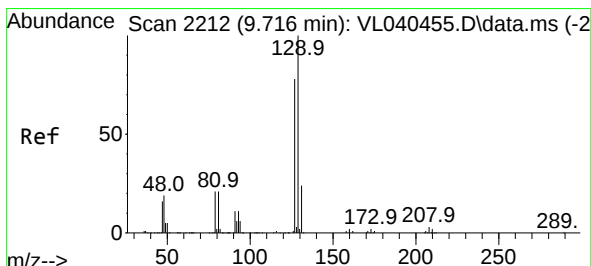
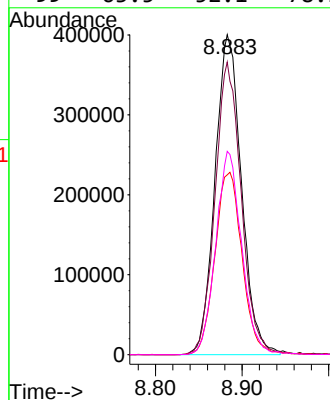
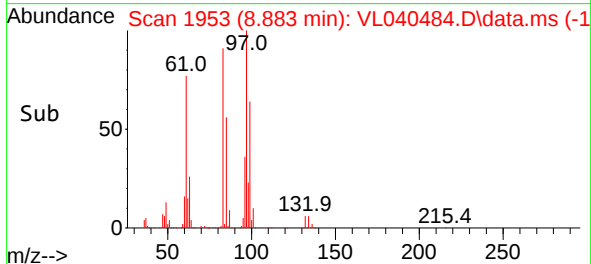
99 63.5 52.1 78.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/27/2023

Supervised By :Mahesh Dadoda 06/27/2023



#48

Dibromochloromethane

Concen: 10.573 ppbv

RT: 9.693 min Scan# 2205

Delta R.T. -0.023 min

Lab File: VL040484.D

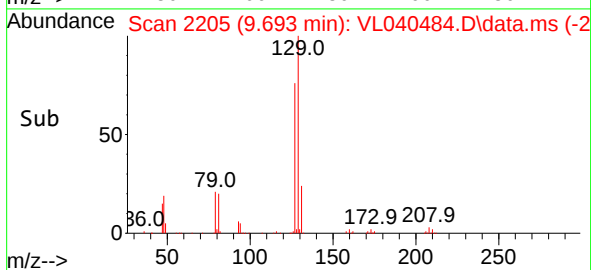
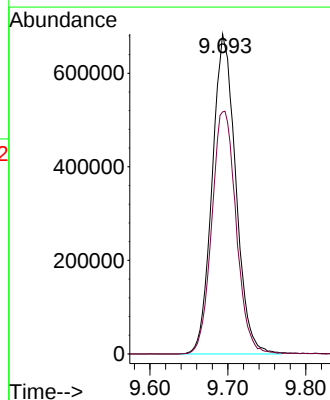
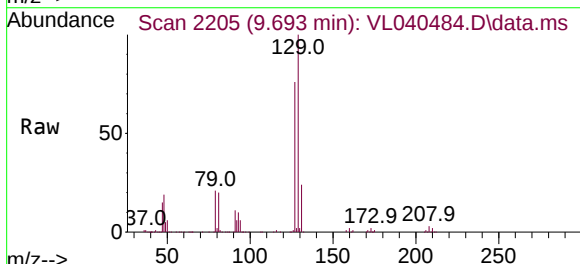
Acq: 22 Jun 2023 13:23

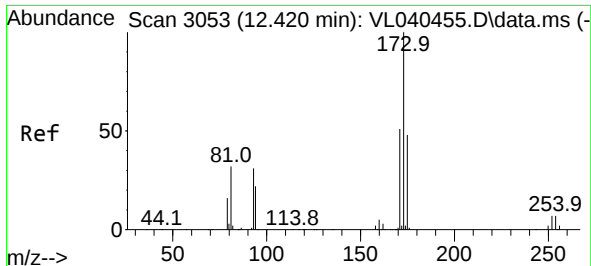
Tgt Ion:129 Resp: 1436676

Ion Ratio Lower Upper

129 100

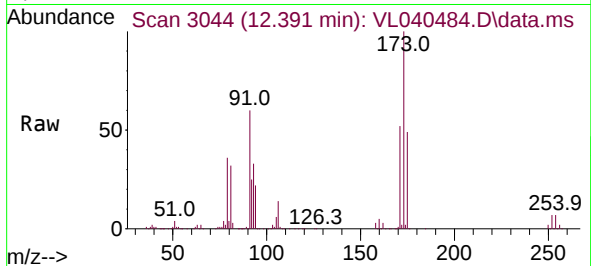
127 78.7 39.4 118.1





#49
Bromoform
Concen: 10.673 ppbv
RT: 12.391 min Scan# 3053
Delta R.T. -0.029 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

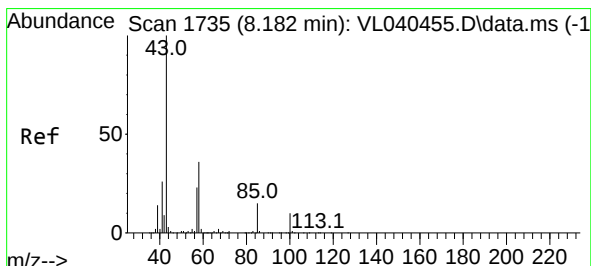
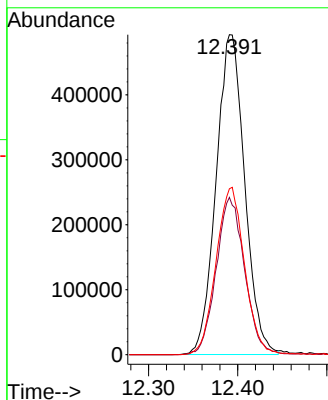
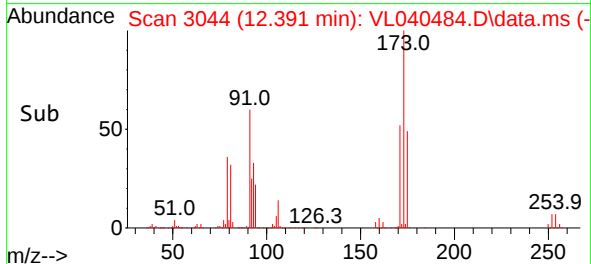
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:173 Resp: 109733
Ion Ratio Lower Upper
173 100
175 49.1 39.2 58.8
171 52.5 42.2 63.2

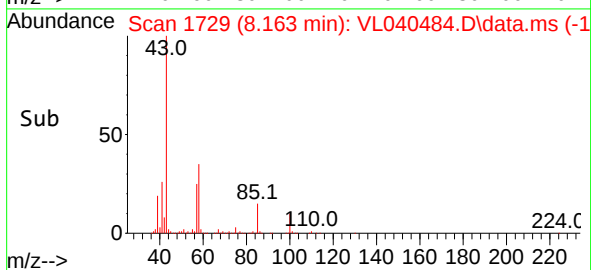
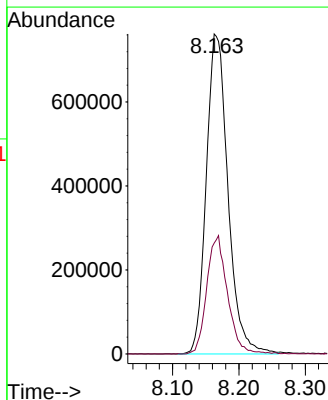
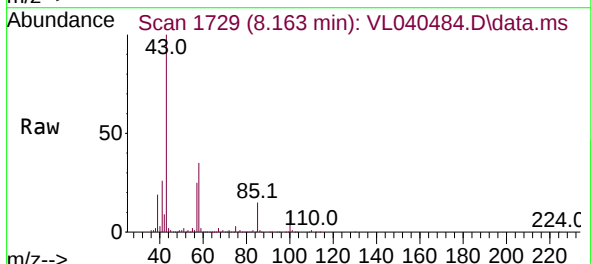
Manual Integrations
APPROVED

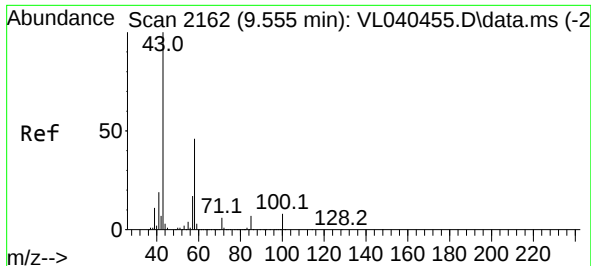
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#50
4-Methyl-2-Pentanone
Concen: 10.636 ppbv
RT: 8.163 min Scan# 1729
Delta R.T. -0.019 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

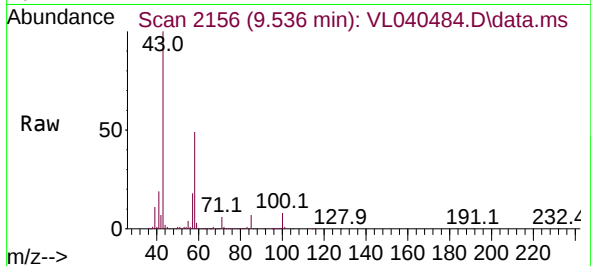
Tgt Ion: 43 Resp: 1732478
Ion Ratio Lower Upper
43 100
58 35.4 28.2 42.4





#51
2-Hexanone
Concen: 10.778 ppbv
RT: 9.536 min Scan# 2162
Delta R.T. -0.019 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

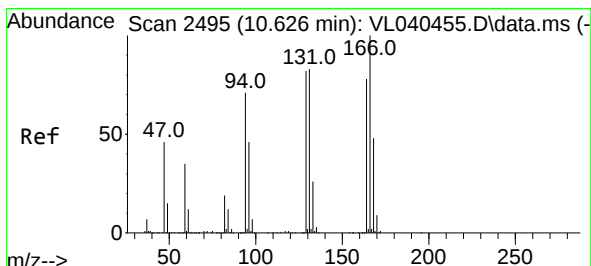
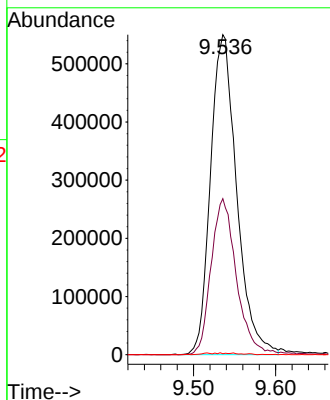
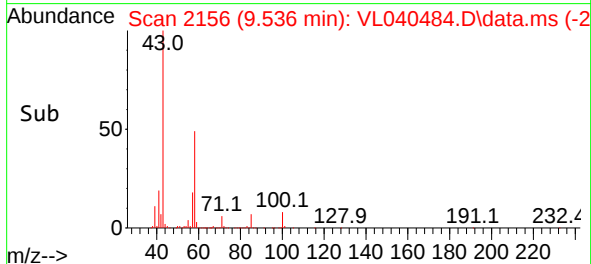
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 1218760
Ion Ratio Lower Upper
43 100
58 47.5 37.1 55.7
98 0.7 0.5 0.7

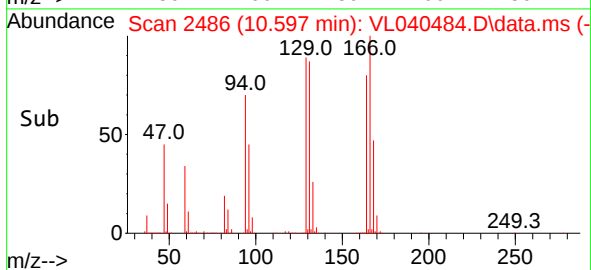
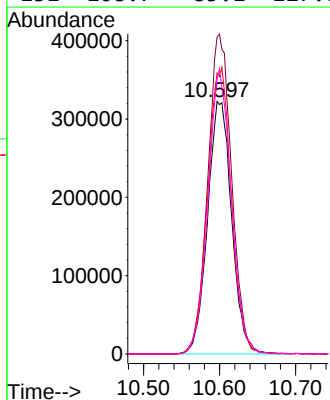
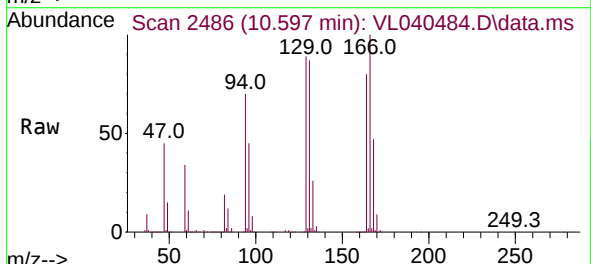
Manual Integrations
APPROVED

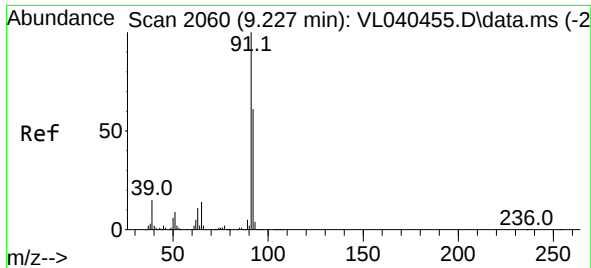
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#52
Tetrachloroethene
Concen: 11.226 ppbv
RT: 10.597 min Scan# 2486
Delta R.T. -0.029 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Tgt Ion:164 Resp: 707146
Ion Ratio Lower Upper
164 100
166 125.5 102.7 154.1
129 111.1 84.6 126.8
131 108.7 85.1 127.7





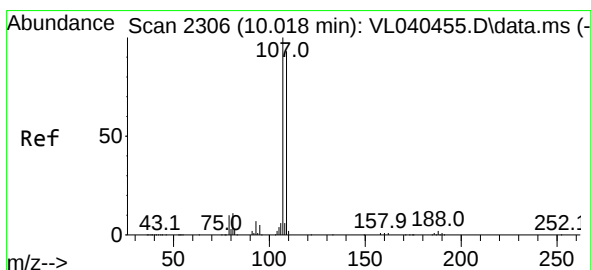
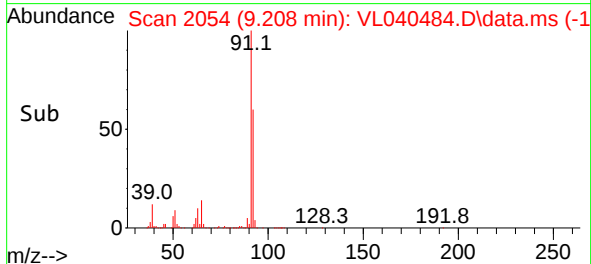
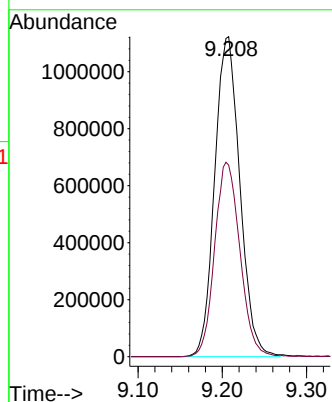
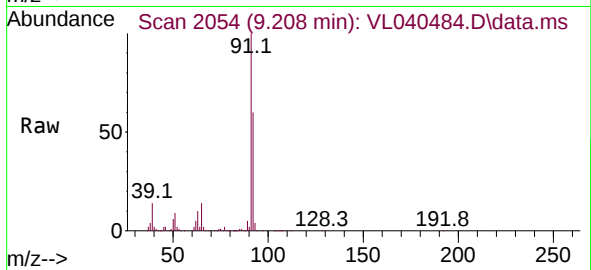
#53
Toluene
Concen: 11.014 ppbv
RT: 9.208 min Scan# 2060
Delta R.T. -0.019 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2327238
Ion Ratio Lower Upper
91 100
92 61.2 49.1 73.7

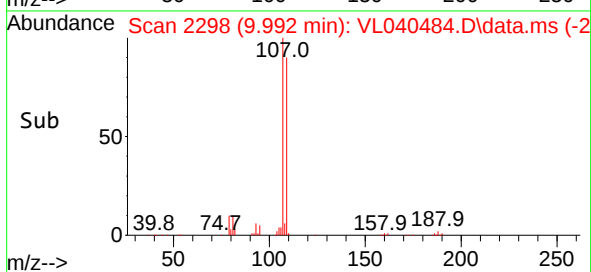
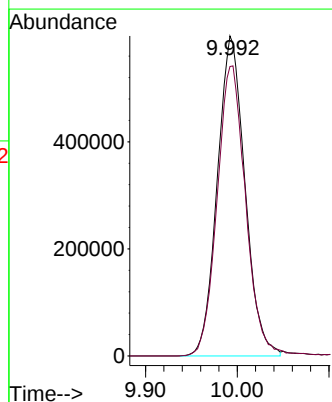
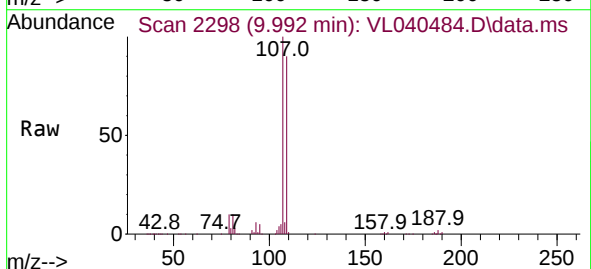
Manual Integrations
APPROVED

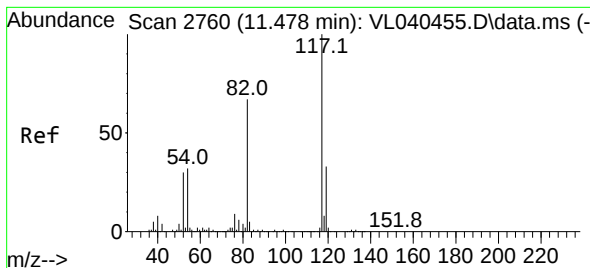
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#54
1,2-Dibromoethane
Concen: 11.229 ppbv
RT: 9.992 min Scan# 2298
Delta R.T. -0.026 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

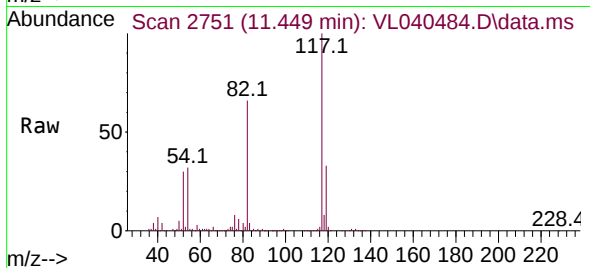
Tgt Ion:107 Resp: 1251137
Ion Ratio Lower Upper
107 100
109 90.4 74.5 111.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.449 min Scan# 2760
Delta R.T. -0.029 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

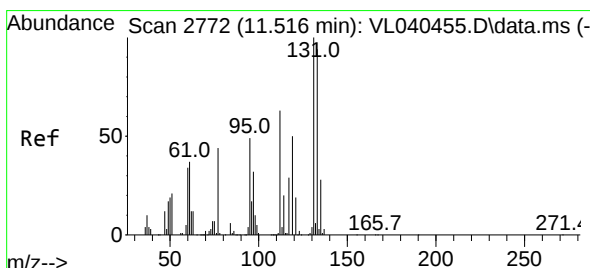
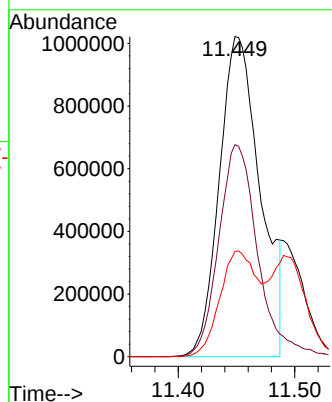
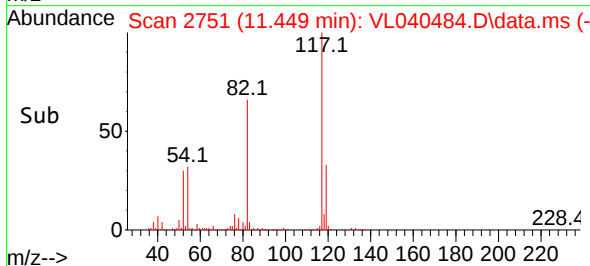
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



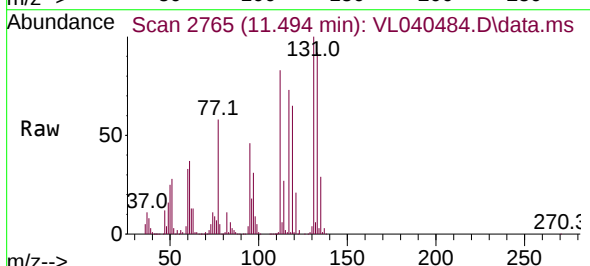
Tgt Ion:117 Resp: 2498199
Ion Ratio Lower Upper
117 100
82 63.2 53.0 79.4
119 33.0 24.4 36.6

Manual Integrations
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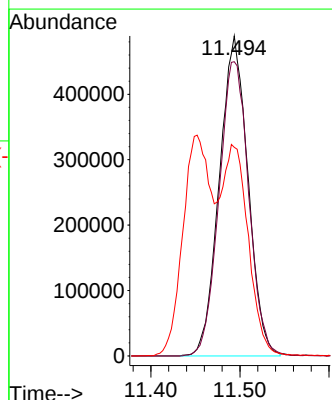
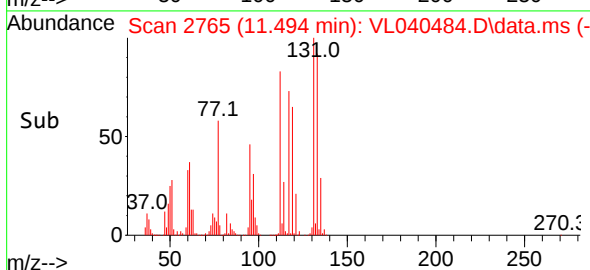
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

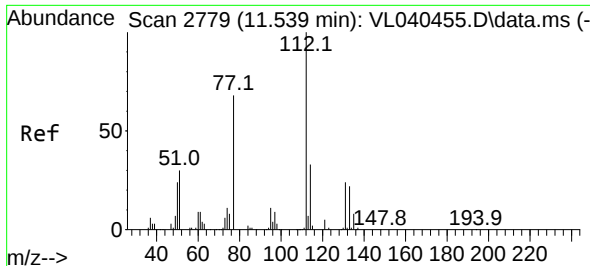


#56
1,1,1,2-Tetrachloroethane
Concen: 9.271 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. -0.023 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23



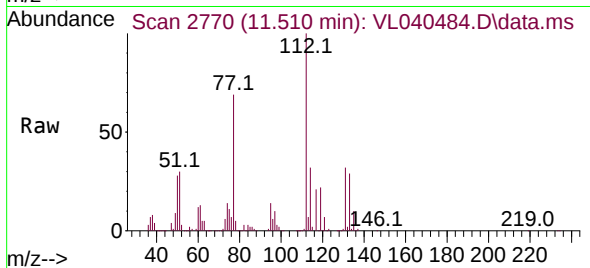
Tgt Ion:131 Resp: 1088551
Ion Ratio Lower Upper
131 100
133 96.0 75.7 113.5
119 65.3 51.4 77.2





#57
Chlorobenzene
Concen: 9.651 ppbv
RT: 11.510 min Scan# 21
Delta R.T. -0.029 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

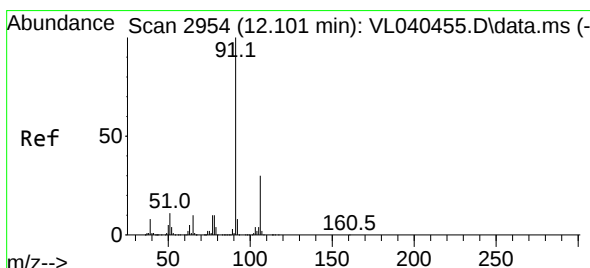
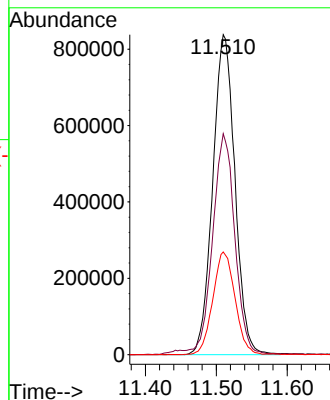
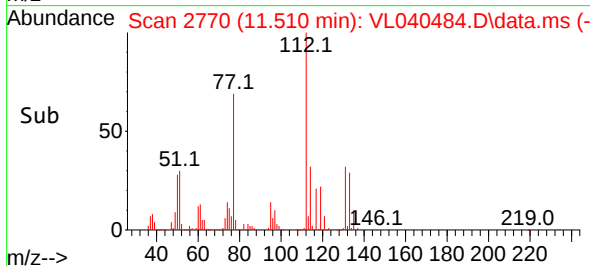
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 112 Resp: 1822270
Ion Ratio Lower Upper
112 100
77 68.8 55.4 83.2
114 32.0 30.0 36.6

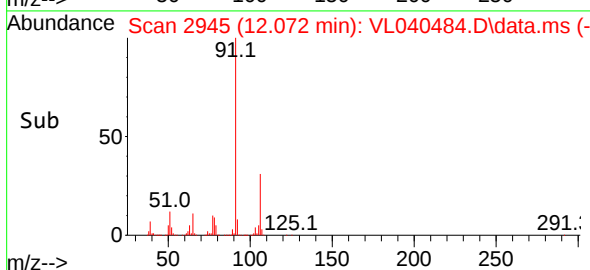
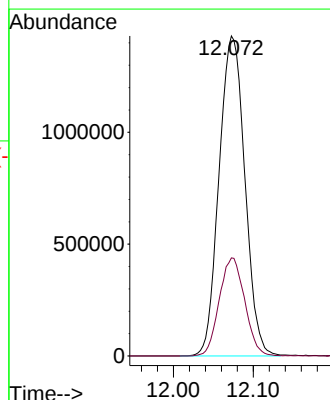
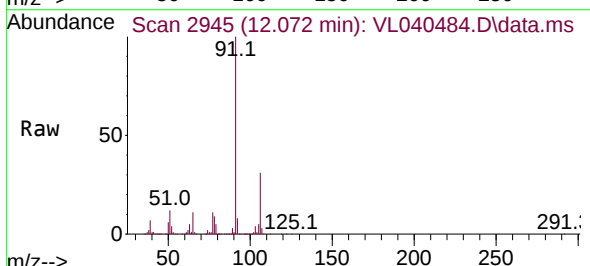
Manual Integrations
APPROVED

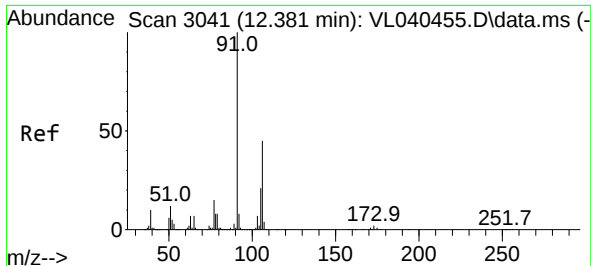
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#58
Ethyl Benzene
Concen: 10.589 ppbv
RT: 12.072 min Scan# 2945
Delta R.T. -0.029 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Tgt Ion: 91 Resp: 3205120
Ion Ratio Lower Upper
91 100
106 30.7 23.7 35.5





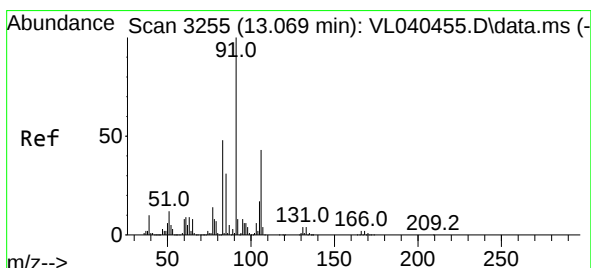
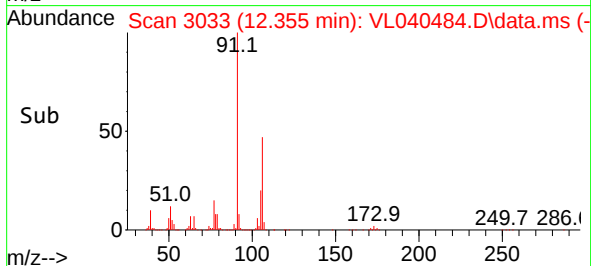
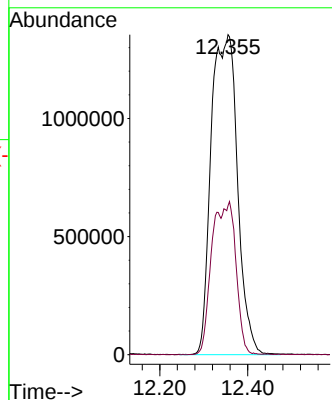
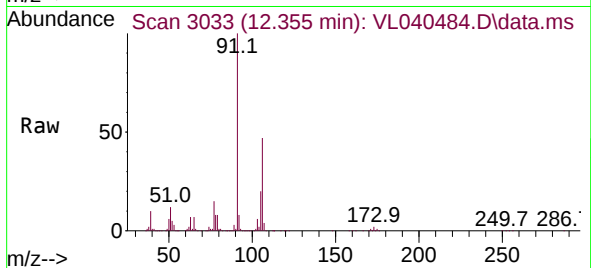
#59
m/p-Xylene
Concen: 20.223 ppbv m
RT: 12.355 min Scan# 3041
Delta R.T. -0.026 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 562570
Ion Ratio Lower Upper
91 100
106 43.9 34.6 52.0

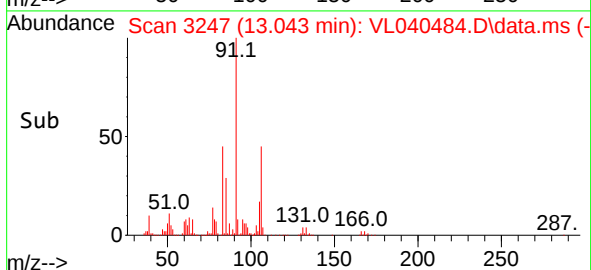
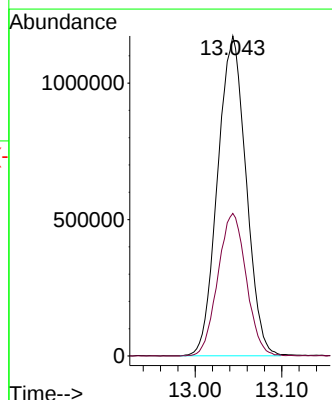
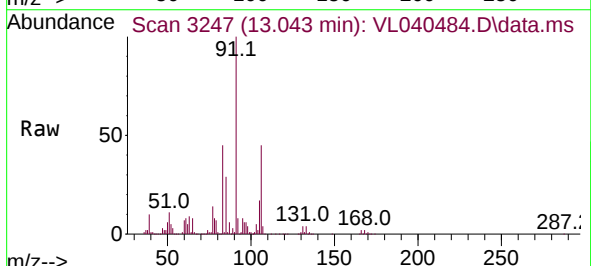
Manual Integrations
APPROVED

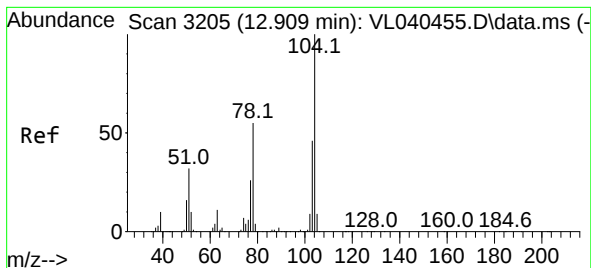
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#60
o-Xylene
Concen: 10.118 ppbv
RT: 13.043 min Scan# 3247
Delta R.T. -0.026 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Tgt Ion: 91 Resp: 2669628
Ion Ratio Lower Upper
91 100
106 44.6 22.1 66.1





#61

Styrene

Concen: 11.888 ppbv

RT: 12.883 min Scan# 3197

Delta R.T. -0.026 min

Lab File: VL040484.D

Acq: 22 Jun 2023 13:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 134984

Ion Ratio Lower Upper

104 100

78 53.0 43.1 64.7

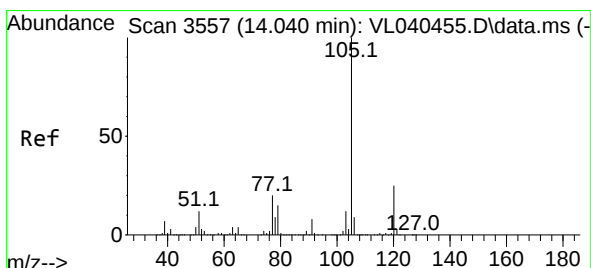
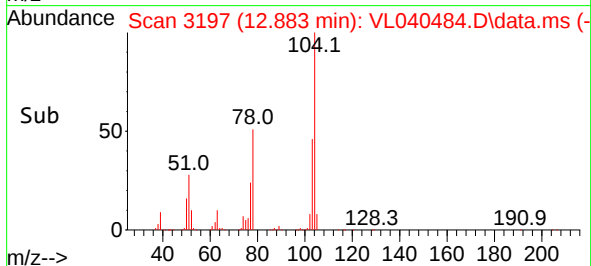
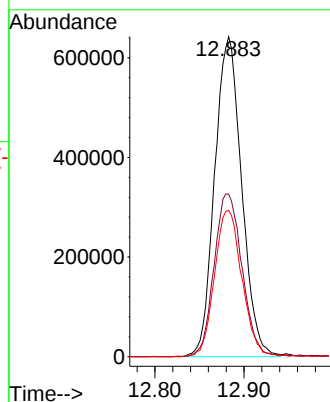
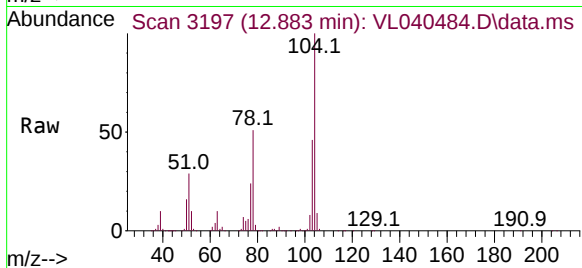
103 46.7 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/27/2023

Supervised By :Mahesh Dadoda 06/27/2023



#62

Isopropylbenzene

Concen: 9.927 ppbv

RT: 14.011 min Scan# 3548

Delta R.T. -0.029 min

Lab File: VL040484.D

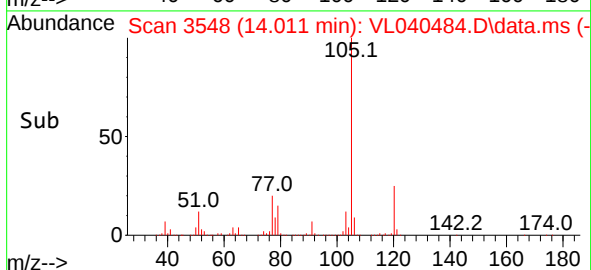
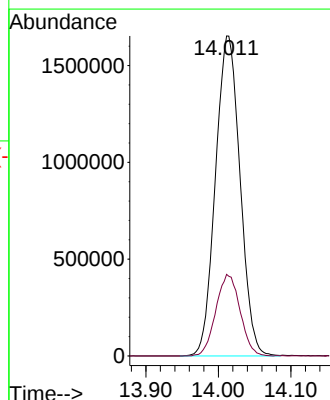
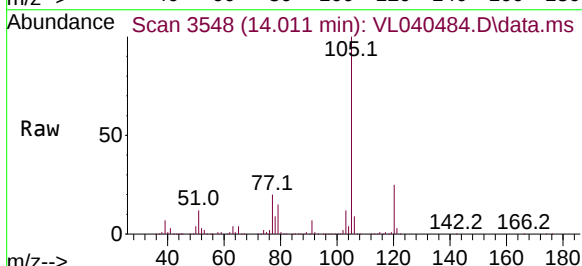
Acq: 22 Jun 2023 13:23

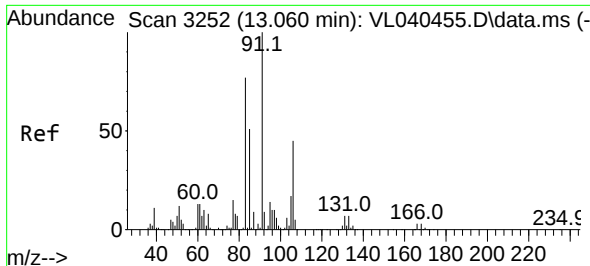
Tgt Ion:105 Resp: 3893631

Ion Ratio Lower Upper

105 100

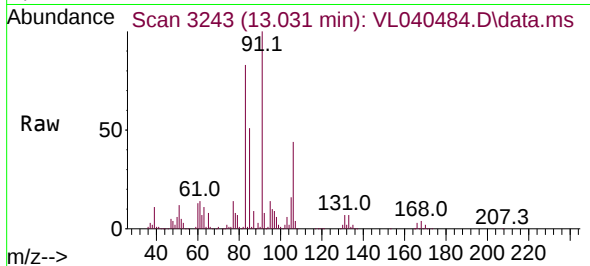
120 25.1 20.2 30.4





#63
1,1,2,2-Tetrachloroethane
Concen: 9.737 ppbv
RT: 13.031 min Scan# 31
Delta R.T. -0.029 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

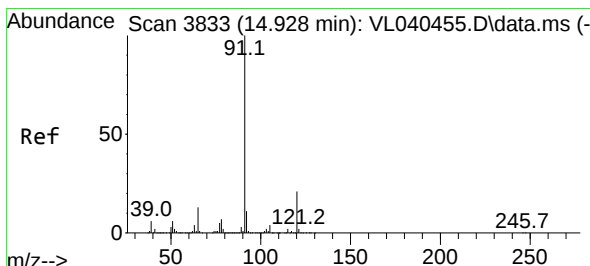
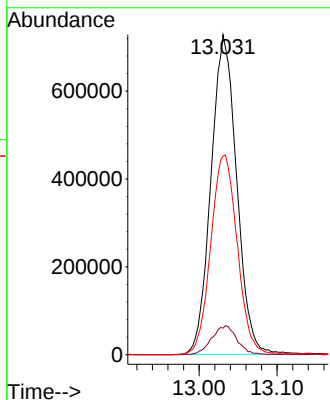
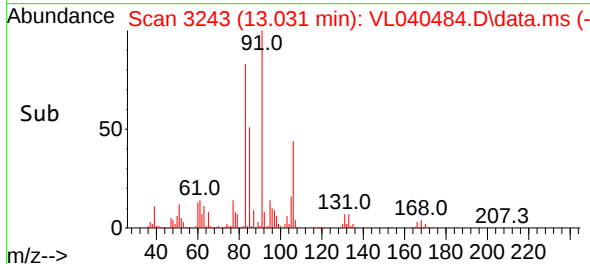
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 83 Resp: 1663499
Ion Ratio Lower Upper
83 100
131 9.1 4.5 13.7
85 64.9 33.0 99.0

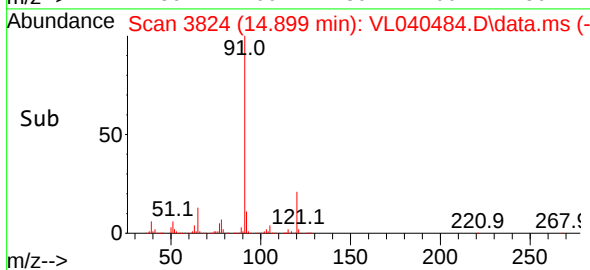
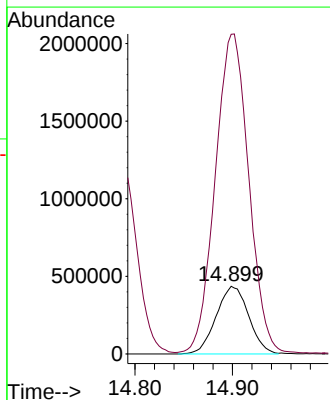
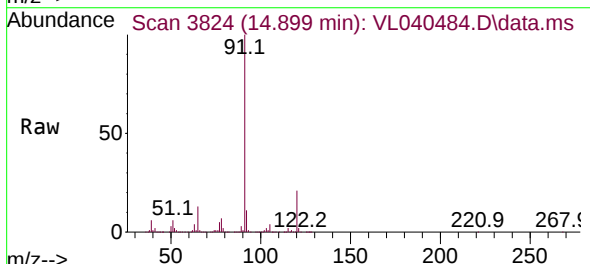
Manual Integrations
APPROVED

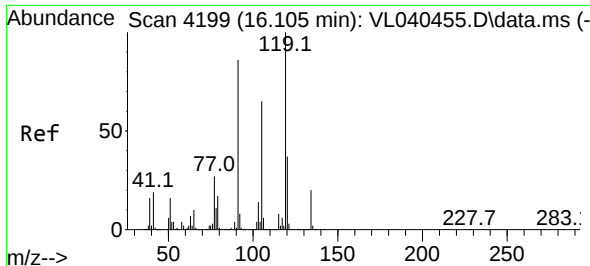
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#64
n-propylbenzene
Concen: 10.102 ppbv
RT: 14.899 min Scan# 3824
Delta R.T. -0.029 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Tgt Ion:120 Resp: 1005999
Ion Ratio Lower Upper
120 100
91 492.5 388.5 582.7





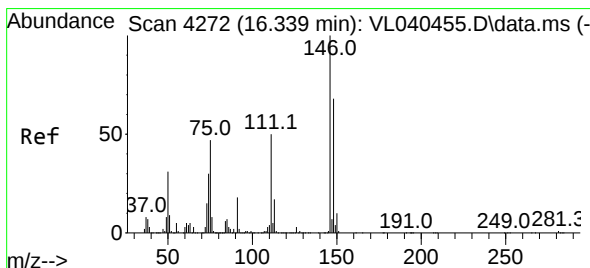
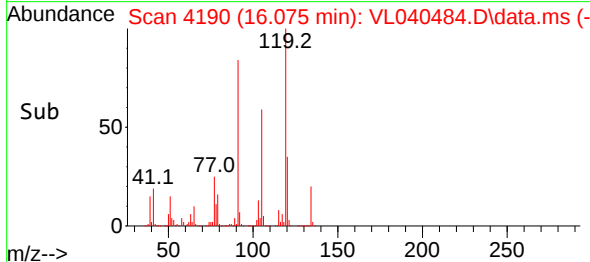
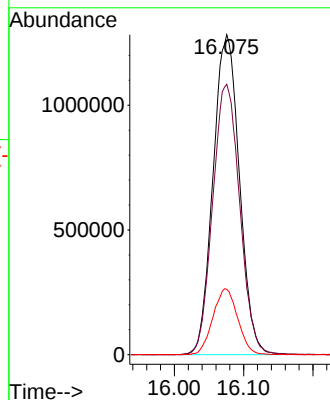
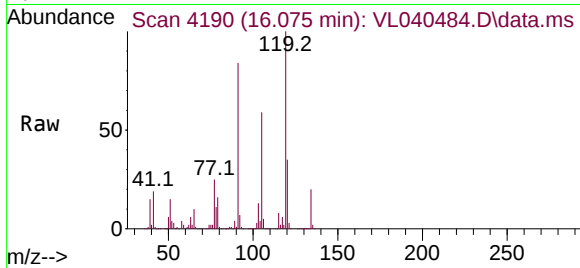
#65
tert-Butylbenzene
Concen: 10.081 ppbv
RT: 16.075 min Scan# 4199
Delta R.T. -0.029 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 3392118
Ion Ratio Lower Upper
119 100
91 86.7 70.5 105.7
134 19.4 15.6 23.4

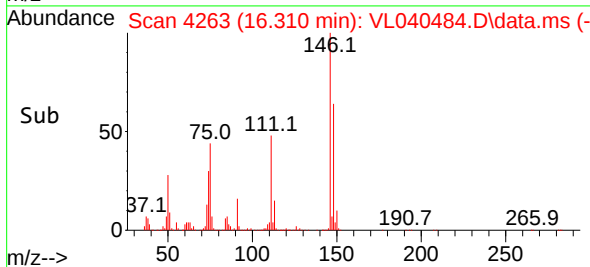
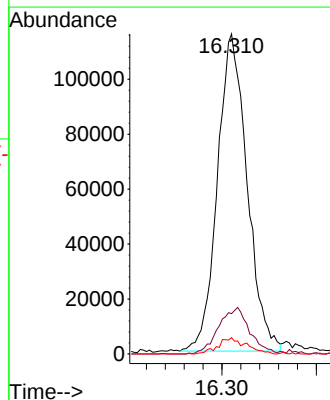
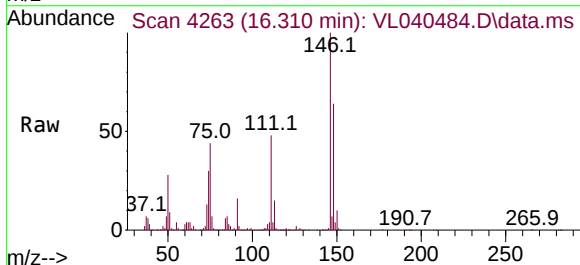
Manual Integrations
APPROVED

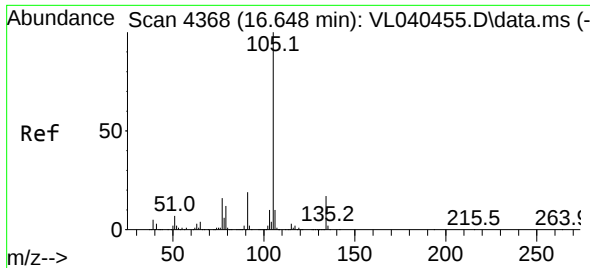
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#66
Benzyl Chloride
Concen: 9.703 ppbv
RT: 16.310 min Scan# 4263
Delta R.T. -0.029 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

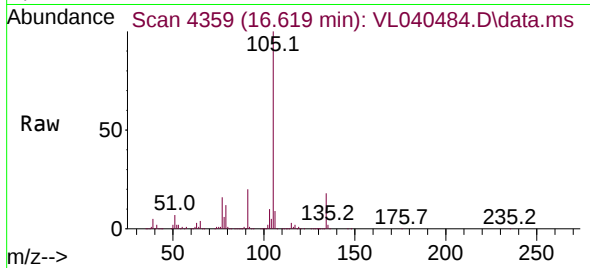
Tgt Ion: 91 Resp: 251611
Ion Ratio Lower Upper
91 100
126 15.4 13.2 19.8
128 5.0 4.6 6.8





#67
 sec-Butylbenzene
 Concen: 9.934 ppbv
 RT: 16.619 min Scan# 4368
 Delta R.T. -0.029 min
 Lab File: VL040484.D
 Acq: 22 Jun 2023 13:23

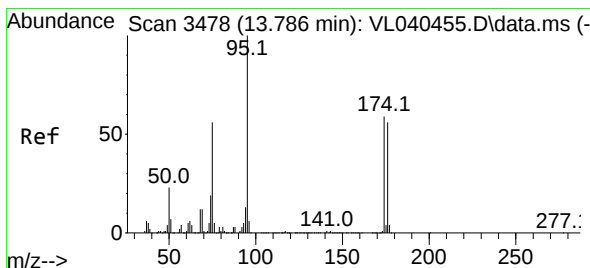
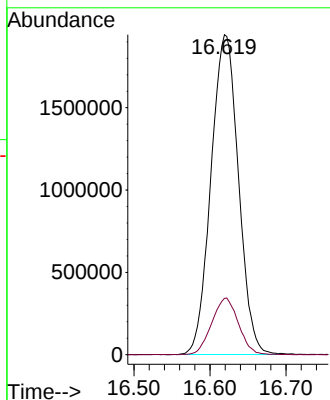
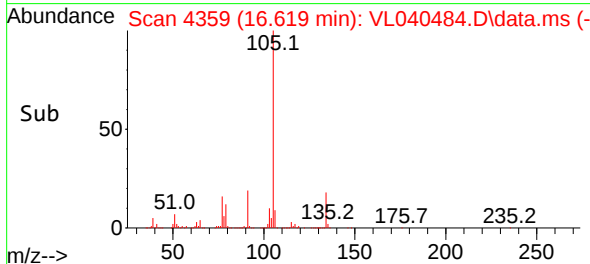
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



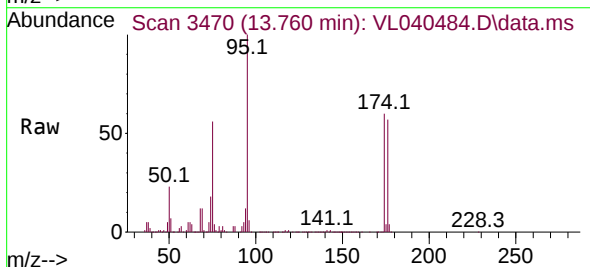
Tgt Ion:105 Resp: 487418
 Ion Ratio Lower Upper
 105 100
 134 17.3 14.0 21.0

Manual Integrations
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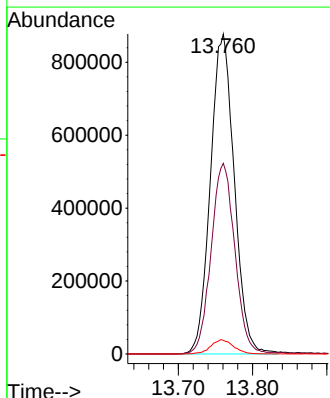
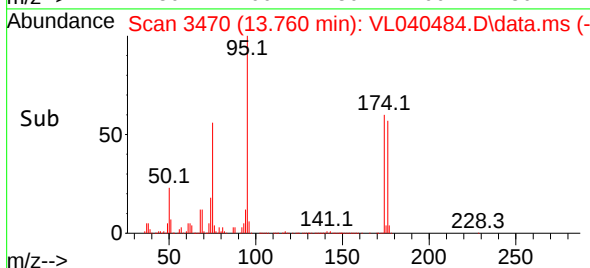
Reviewed By :Krupa Patel 06/27/2023
 Supervised By :Mahesh Dadoda 06/27/2023

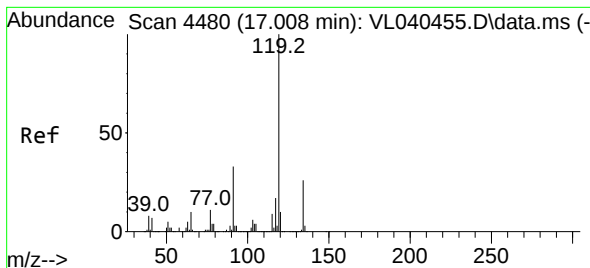


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.491 ppbv
 RT: 13.760 min Scan# 3470
 Delta R.T. -0.026 min
 Lab File: VL040484.D
 Acq: 22 Jun 2023 13:23



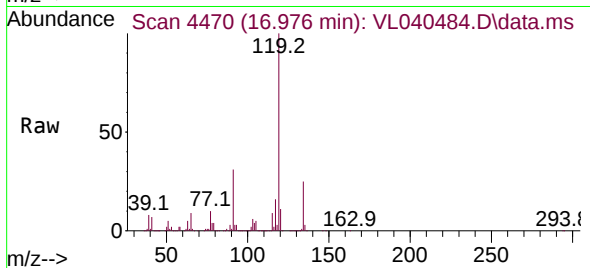
Tgt Ion: 95 Resp: 1956871
 Ion Ratio Lower Upper
 95 100
 174 60.0 47.7 71.5
 175 4.3 3.5 5.3





#69
p-Isopropyltoluene
Concen: 10.213 ppbv
RT: 16.976 min Scan# 4480
Delta R.T. -0.032 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

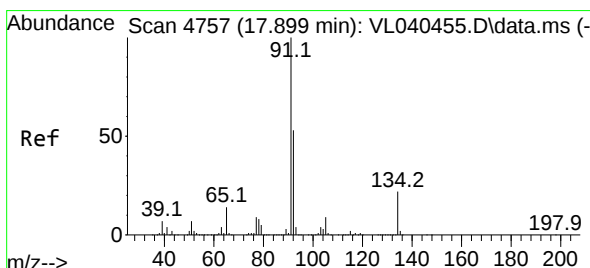
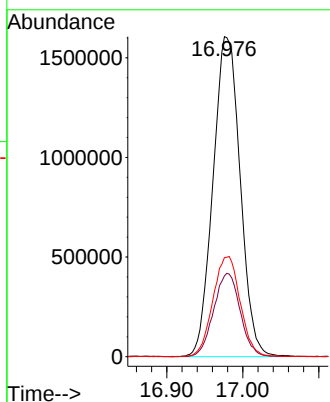
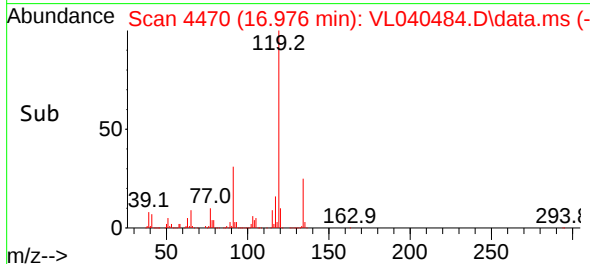
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



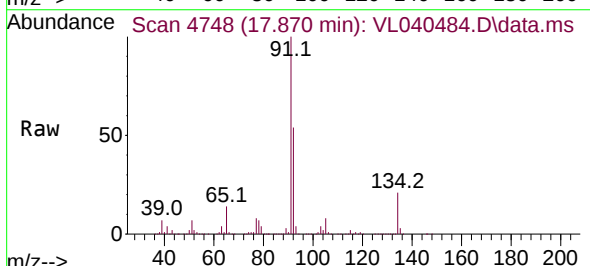
Tgt Ion:119 Resp: 398243
Ion Ratio Lower Upper
119 100
134 25.5 20.3 30.5
91 31.4 25.5 38.3

Manual Integrations
APPROVED

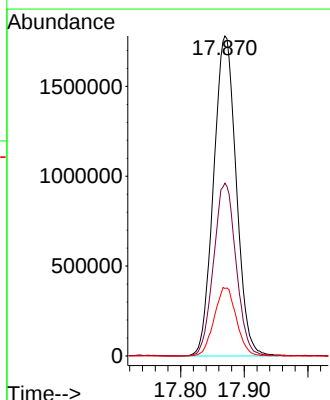
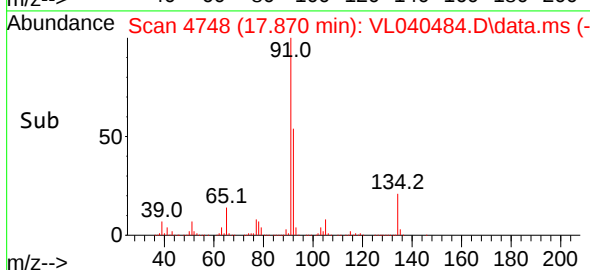
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

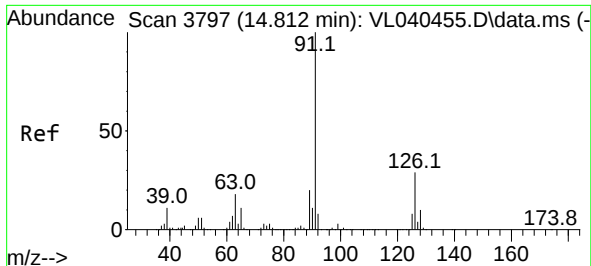


#70
n-Butylbenzene
Concen: 10.096 ppbv
RT: 17.870 min Scan# 4748
Delta R.T. -0.029 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23



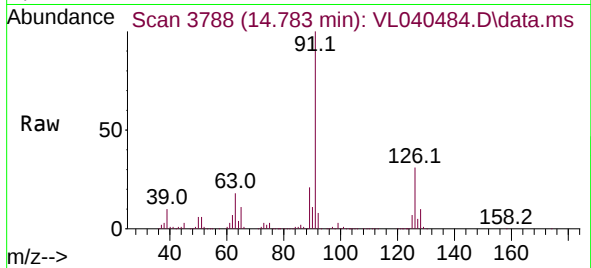
Tgt Ion: 91 Resp: 4394452
Ion Ratio Lower Upper
91 100
92 53.6 42.7 64.1
134 21.1 16.9 25.3





#71
2-Chlorotoluene
Concen: 10.379 ppbv
RT: 14.783 min Scan# 31
Delta R.T. -0.029 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

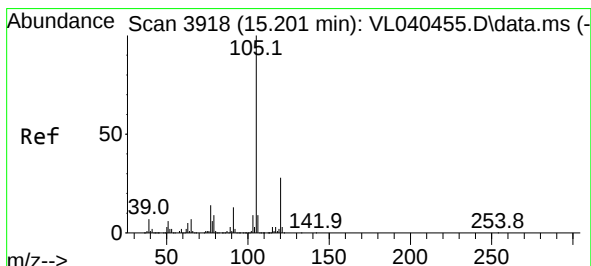
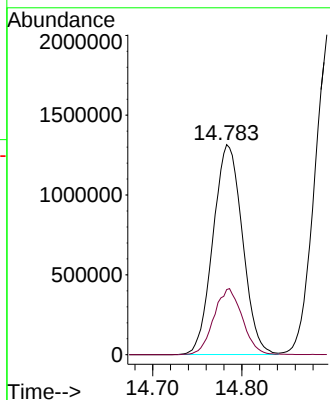
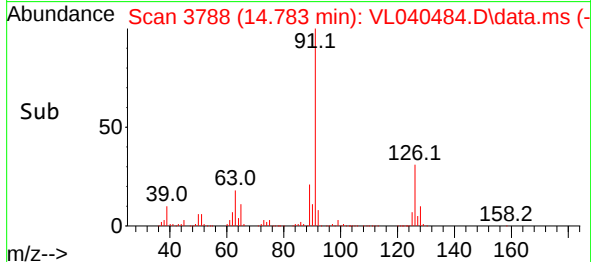
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



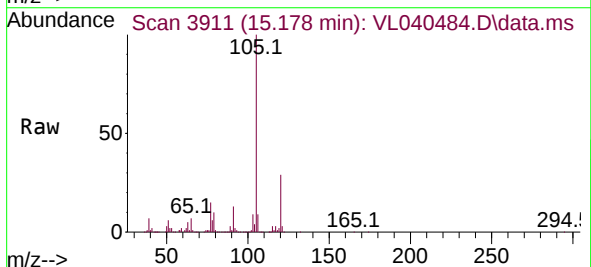
Tgt Ion: 91 Resp: 3022744
Ion Ratio Lower Upper
91 100
126 30.5 12.0 48.2

Manual Integrations
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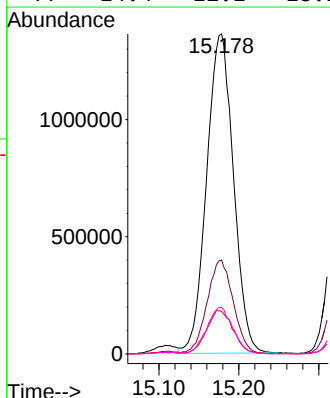
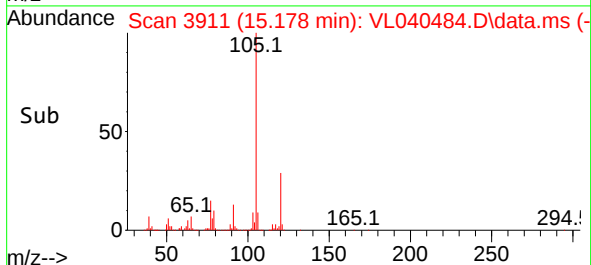
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

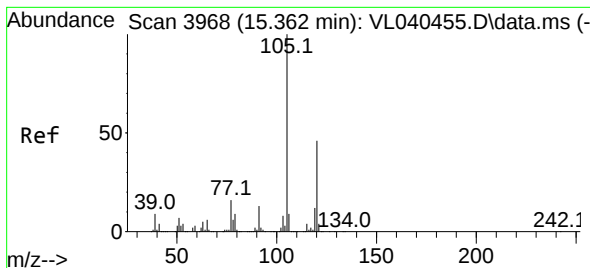


#72
4-Ethyltoluene
Concen: 10.684 ppbv
RT: 15.178 min Scan# 3911
Delta R.T. -0.023 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23



Tgt Ion:105 Resp: 3174996
Ion Ratio Lower Upper
105 100
120 29.6 23.4 35.0
91 14.2 11.1 16.7
77 14.4 12.1 18.1





#73

1,3,5-Trimethylbenzene

Concen: 10.423 ppbv

RT: 15.336 min Scan# 3960

Delta R.T. -0.026 min

Lab File: VL040484.D

Acq: 22 Jun 2023 13:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 273780

Ion Ratio Lower Upper

105 100

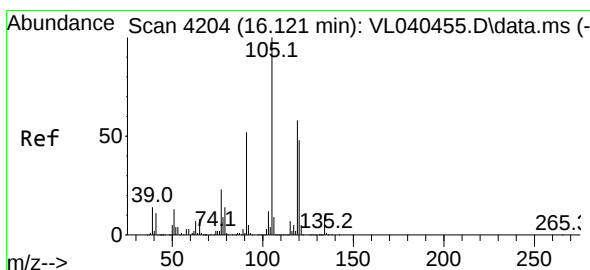
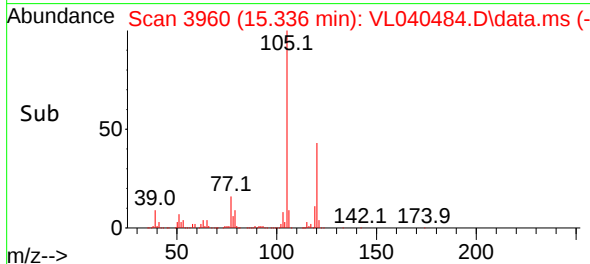
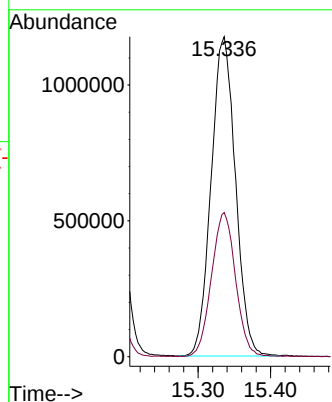
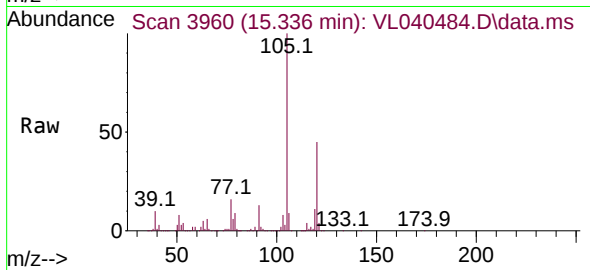
120 45.1 36.4 54.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/27/2023

Supervised By :Mahesh Dadoda 06/27/2023



#74

1,2,4-Trimethylbenzene

Concen: 9.908 ppbv

RT: 16.092 min Scan# 4195

Delta R.T. -0.029 min

Lab File: VL040484.D

Acq: 22 Jun 2023 13:23

Tgt Ion:105 Resp: 3061662

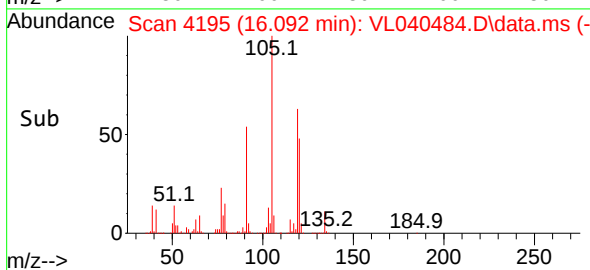
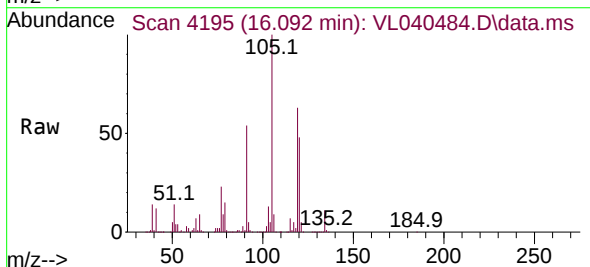
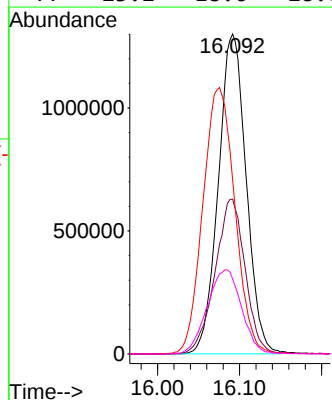
Ion Ratio Lower Upper

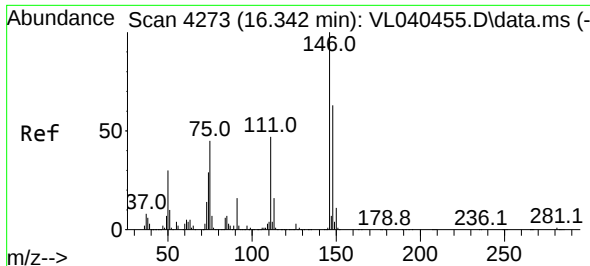
105 100

120 48.2 38.4 57.6

91 53.9 41.3 61.9

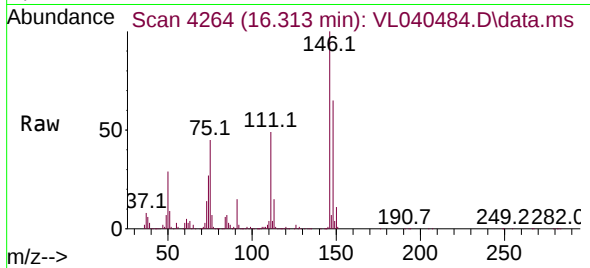
77 23.2 18.6 28.0





#75
1,3-Dichlorobenzene
Concen: 9.900 ppbv
RT: 16.313 min Scan# 41
Delta R.T. -0.029 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

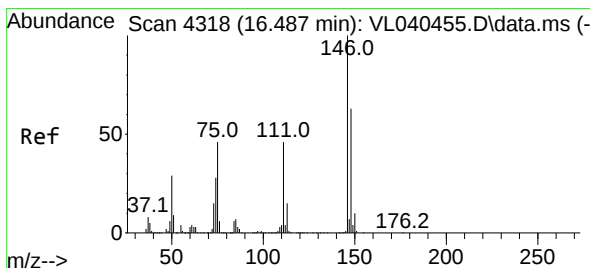
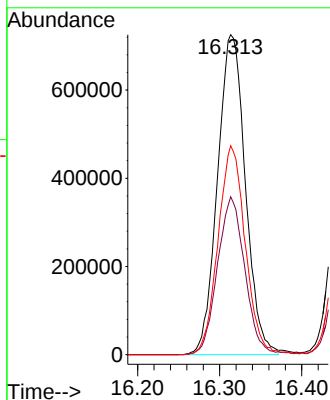
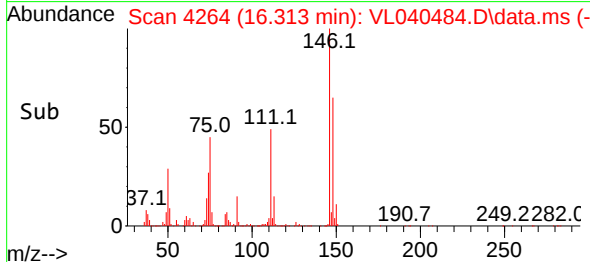
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:146 Resp: 1716009
Ion Ratio Lower Upper
146 100
111 48.5 24.6 73.8
148 63.9 32.4 97.2

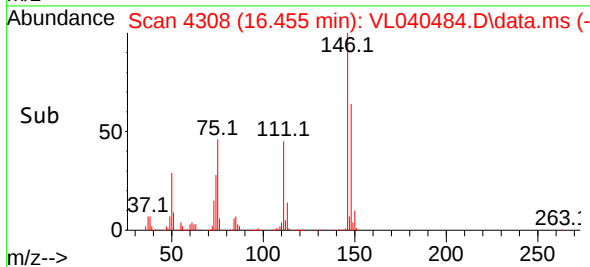
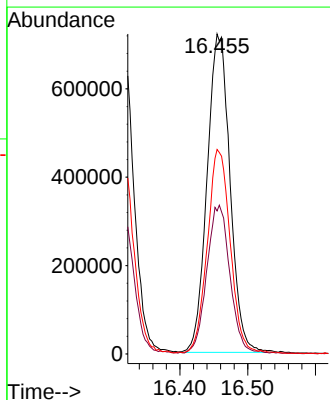
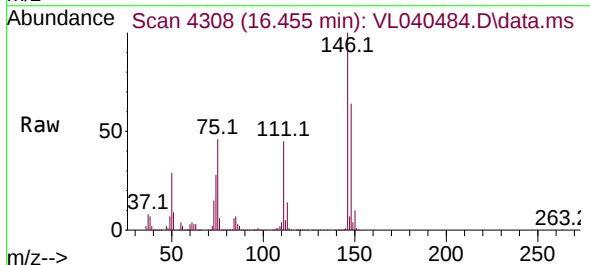
Manual Integrations
APPROVED

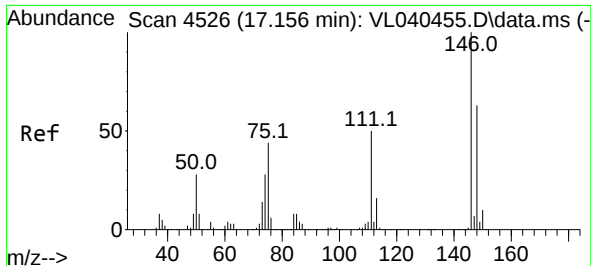
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023



#76
1,4-Dichlorobenzene
Concen: 10.042 ppbv
RT: 16.455 min Scan# 4308
Delta R.T. -0.032 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

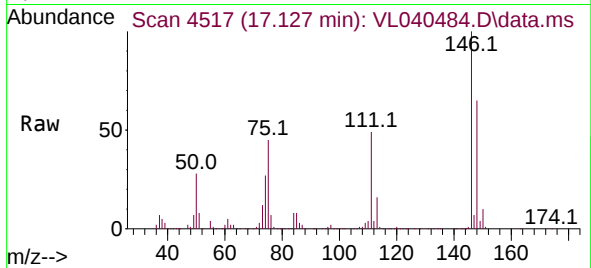
Tgt Ion:146 Resp: 1692559
Ion Ratio Lower Upper
146 100
111 47.7 23.8 71.5
148 65.0 32.9 98.6





#77
1,2-Dichlorobenzene
Concen: 9.853 ppbv
RT: 17.127 min Scan# 4517
Delta R.T. -0.029 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

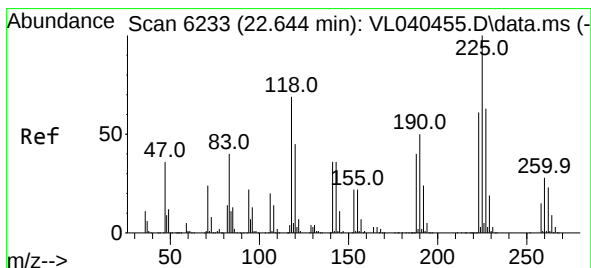
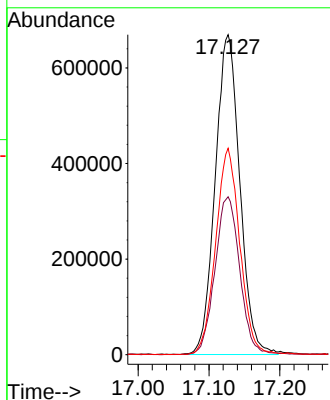
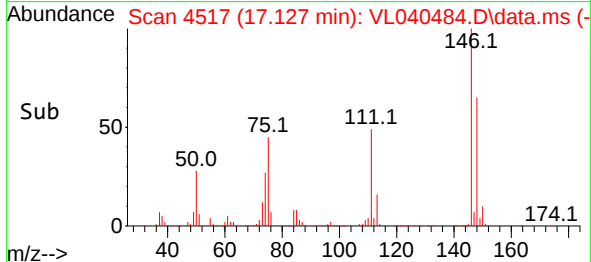
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



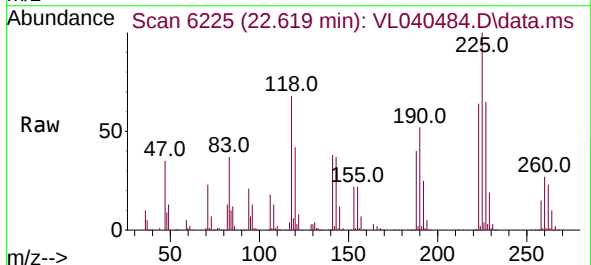
Tgt Ion:146 Resp: 161333
Ion Ratio Lower Upper
146 100
111 49.9 25.1 75.3
148 63.5 32.0 96.2

Manual Integrations
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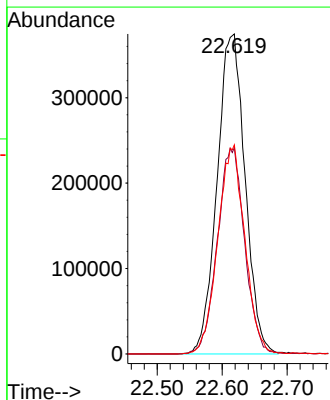
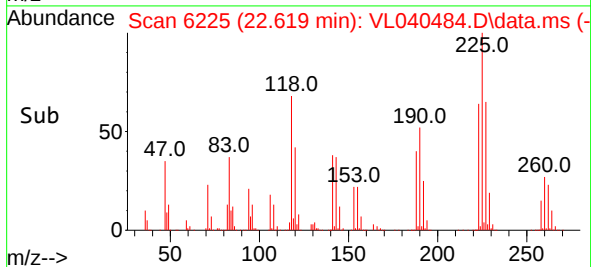
Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

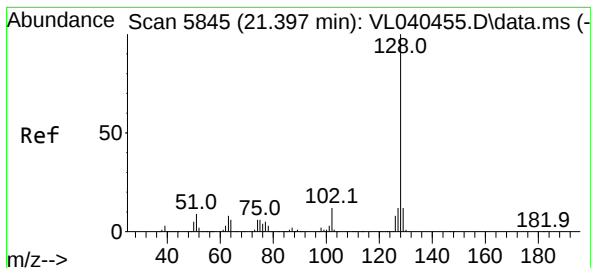


#78
Hexachloro-1,3-Butadiene
Concen: 8.868 ppbv
RT: 22.619 min Scan# 6225
Delta R.T. -0.026 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23



Tgt Ion:225 Resp: 1119888
Ion Ratio Lower Upper
225 100
223 63.1 50.0 75.0
227 63.3 50.9 76.3





#79

Naphthalene

Concen: 12.612 ppbv

RT: 21.361 min Scan# 5834

Delta R.T. -0.036 min

Lab File: VL040484.D

Acq: 22 Jun 2023 13:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:128 Resp: 224462

Ion Ratio Lower Upper

128 100

127 12.5 9.9 14.9

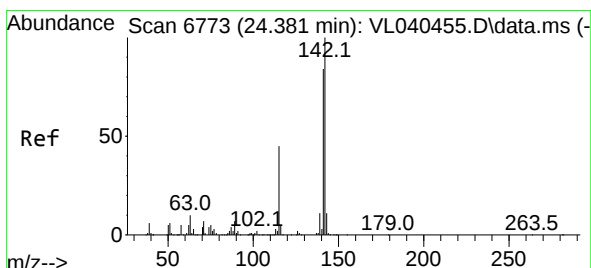
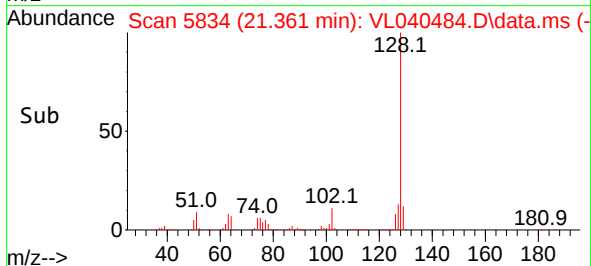
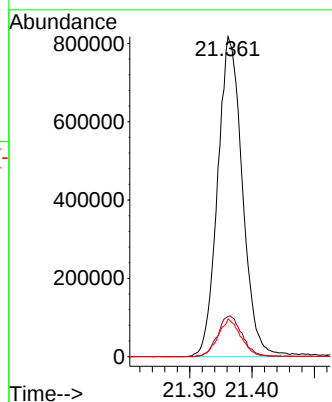
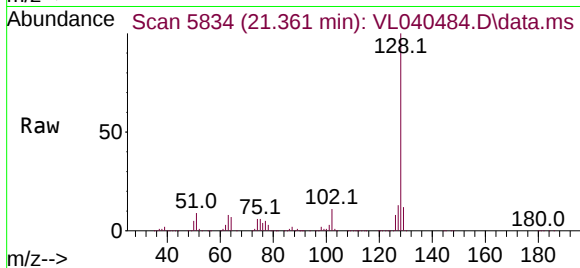
129 11.8 9.2 13.8

Manual Integrations

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Reviewed By :Krupa Patel 06/27/2023

Supervised By :Mahesh Dadoda 06/27/2023



#80

Naphthalene,2-methyl-

Concen: 11.794 ppbv

RT: 24.358 min Scan# 6766

Delta R.T. -0.023 min

Lab File: VL040484.D

Acq: 22 Jun 2023 13:23

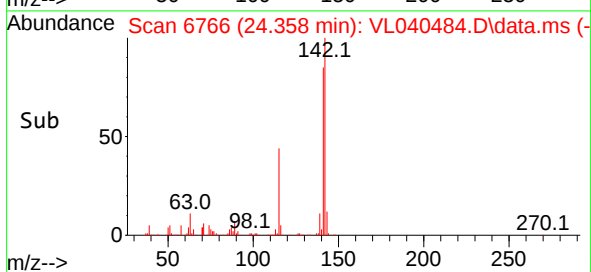
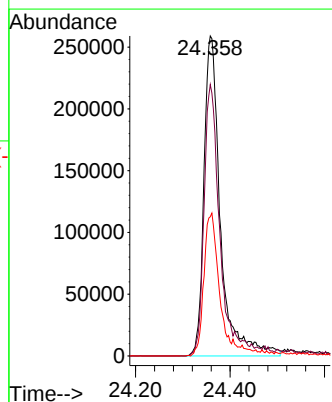
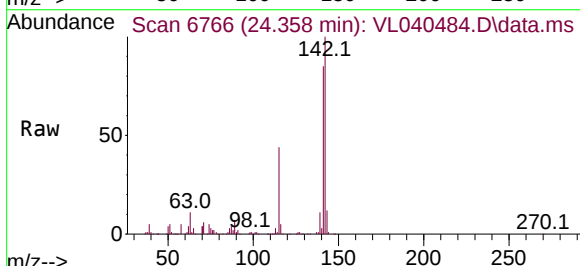
Tgt Ion:142 Resp: 629884

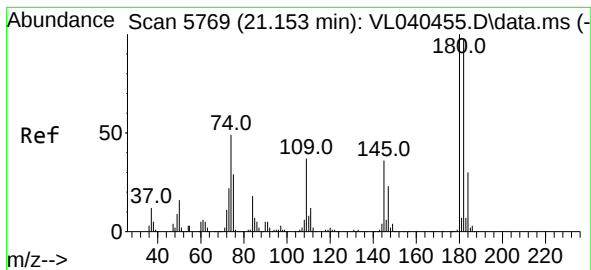
Ion Ratio Lower Upper

142 100

141 84.9 65.4 98.0

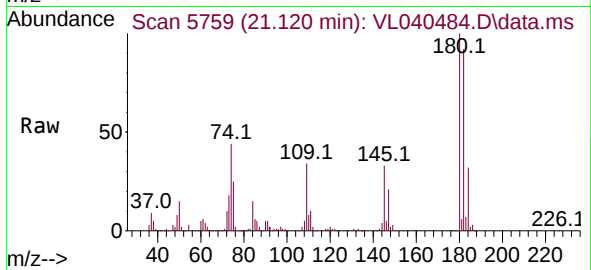
115 43.3 36.6 55.0





#81
1,2,4-Trichlorobenzene
Concen: 10.761 ppbv
RT: 21.120 min Scan# 51
Delta R.T. -0.032 min
Lab File: VL040484.D
Acq: 22 Jun 2023 13:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:180 Resp: 1186372
Ion Ratio Lower Upper
180 100
182 95.6 77.2 115.8
184 30.6 24.4 36.6

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/27/2023
Supervised By :Mahesh Dadoda 06/27/2023

