

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL013023\
 Data File : VL040139.D
 Acq On : 31 Jan 2023 8:43
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/31/2023
 Supervised By : Mahesh Dadoda 01/31/2023

Quant Time: Jan 31 09:13:47 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M

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

QLast Update : Tue Jan 31 05:24:57 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.169	49	836583	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.632	114	2198909	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.449	117	2262688m	10.000	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.761 95 1806209 9.605 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.706	85	1374886	9.373	ppbv	98
3) Chlorodifluoromethane	2.652	51	1016294	10.128	ppbv	99
4) Chloromethane	2.790	50	638013	10.288	ppbv	100
5) Vinyl Chloride	2.899	62	562484	10.698	ppbv	99
6) Bromomethane	3.095	94	196152	10.224	ppbv	91
7) Chloroethane	3.176	64	209549	10.427	ppbv	100
8) Dichlorotetrafluoroethane	2.835	85	1400789	10.230	ppbv	99
9) Propene	2.671	41	404926	9.713	ppbv	96
10) Heptane	7.562	43	1083122	11.273	ppbv	99
11) Trichlorofluoromethane	3.542	101	1519711	10.381	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.044	101	1118647	10.165	ppbv	98
13) Ethanol	3.214	45	31565m	8.226	ppbv	
14) Bromoethene	3.343	108	446181	10.921	ppbv	99
15) Acetone	3.446	43	994127	9.908	ppbv	97
16) 1,3-Butadiene	2.964	39	502581	10.744	ppbv	99
17) tert-Butyl alcohol	3.854	59	1057687	11.321	ppbv	100
18) 1,1-Dichloroethene	3.857	96	496022	10.374	ppbv	93
19) Isopropyl Alcohol	3.552	45	509345	10.376	ppbv	100
20) Methylene Chloride	3.909	84	426184	9.628	ppbv	98
21) Allyl Chloride	3.973	41	708097	10.992	ppbv	97
22) trans-1,2-Dichloroethene	4.423	96	533370	10.917	ppbv	98
23) Vinyl Acetate	4.603	43	337180	10.367	ppbv	99
24) 1,1-Dichloroethane	4.542	63	1029610	10.454	ppbv	99
25) Ethyl Acetate	5.182	43	1929895	10.918	ppbv	100
26) Hexane	5.192	57	830993	10.743	ppbv	98
27) Carbon Disulfide	4.102	76	1252400	12.497	ppbv	99
28) Methyl tert-Butyl Ether	4.565	73	924225	10.621	ppbv	100
29) Chloroform	5.253	83	1443950	11.675	ppbv	99
30) Cyclohexane	6.581	84	687332	11.177	ppbv	99
31) cis-1,2-Dichloroethene	5.057	61	765936	10.228	ppbv	95
32) 1,1,1-Trichloroethane	5.983	97	1448257	11.521	ppbv	100
34) 2-Butanone	4.761	43	1124859	10.815	ppbv	100
35) Carbon Tetrachloride	6.472	117	1521745	12.240	ppbv	99
36) Benzene	6.349	78	1783286	10.959	ppbv	99
37) 1,2-Dichloroethane	5.783	62	1135260	10.854	ppbv	99
38) Trichloroethene	7.272	130	1053026	11.402	ppbv	99
39) 1,2-Dichloropropane	7.050	63	685816	10.775	ppbv	98
40) 1,4-Dioxane	7.266	88	270444	10.706	ppbv	93
41) Tetrahydrofuran	5.533	42	682281	11.365	ppbv	99
42) Bromodichloromethane	7.230	83	1615947	11.442	ppbv	98
43) Methyl Methacrylate	7.452	69	713152	11.943	ppbv	99
44) 2,2,4-Trimethylpentane	7.308	57	2967613	10.966	ppbv	99
45) t-1,3-Dichloropropene	8.693	75	700113	13.148	ppbv	98

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Quant Time: Jan 31 09:13:47 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M

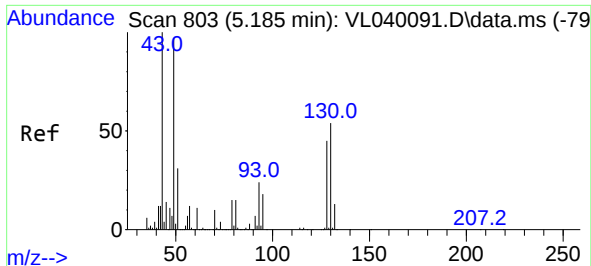
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Jan 31 05:24:57 2023

Response via : Initial Calibration

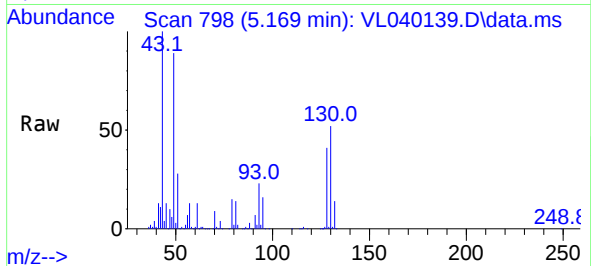
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.124	75	951770	13.081	ppbv	97
47) 1,1,2-Trichloroethane	8.883	97	744756	11.113	ppbv	99
48) Dibromochloromethane	9.693	129	1295858	12.032	ppbv	100
49) Bromoform	12.391	173	1010922	12.184	ppbv	99
50) 4-Methyl-2-Pentanone	8.160	43	1860846	11.374	ppbv	99
51) 2-Hexanone	9.533	43	1469744	11.858	ppbv	99
52) Tetrachloroethene	10.597	164	606382m	11.391	ppbv	
53) Toluene	9.205	91	2011067	11.587	ppbv	99
54) 1,2-Dibromoethane	9.989	107	844377	12.035	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.494	131	929844	10.559	ppbv	97
57) Chlorobenzene	11.510	112	1568149	10.167	ppbv	98
58) Ethyl Benzene	12.073	91	2772824	10.981	ppbv	100
59) m/p-Xylene	12.359	91	4781594m	21.061	ppbv	
60) o-Xylene	13.044	91	2287765	10.616	ppbv	99
61) Styrene	12.883	104	1302974	11.603	ppbv	99
62) Isopropylbenzene	14.018	105	3181377	10.264	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.034	83	754274	9.640	ppbv	100
64) n-propylbenzene	14.899	120	798628	10.365	ppbv	99
65) tert-Butylbenzene	16.076	119	2740913	10.328	ppbv	99
66) Benzyl Chloride	16.314	91	177658	9.796	ppbv #	92
67) sec-Butylbenzene	16.622	105	3842667	10.214	ppbv	100
69) p-Isopropyltoluene	16.982	119	3073112	10.395	ppbv	99
70) n-Butylbenzene	17.873	91	3298141	10.345	ppbv	100
71) 2-Chlorotoluene	14.790	91	2444826	10.255	ppbv	100
72) 4-Ethyltoluene	15.179	105	2529512	10.578	ppbv	98
73) 1,3,5-Trimethylbenzene	15.336	105	2227971	10.348	ppbv	97
74) 1,2,4-Trimethylbenzene	16.095	105	2419501	10.144	ppbv	100
75) 1,3-Dichlorobenzene	16.317	146	1319371	9.960	ppbv	100
76) 1,4-Dichlorobenzene	16.458	146	1290571	9.909	ppbv	99
77) 1,2-Dichlorobenzene	17.130	146	1260653	9.952	ppbv	99
78) Hexachloro-1,3-Butadiene	22.622	225	916779	9.880	ppbv	99
79) Naphthalene	21.371	128	1992617m	14.584	ppbv	
80) Naphthalene,2-methyl-	24.365	142	563972	12.250	ppbv	97
81) 1,2,4-Trichlorobenzene	21.127	180	989126	11.745	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.169 min Scan# 79
Delta R.T. -0.016 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

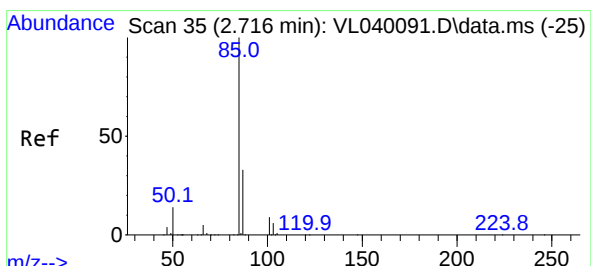
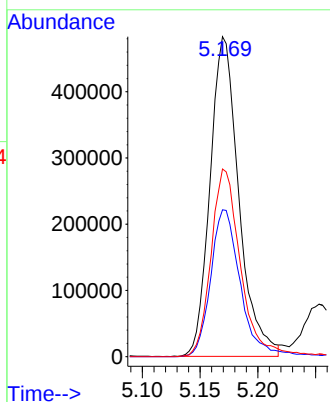
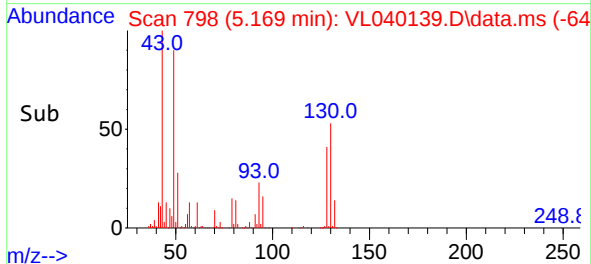
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



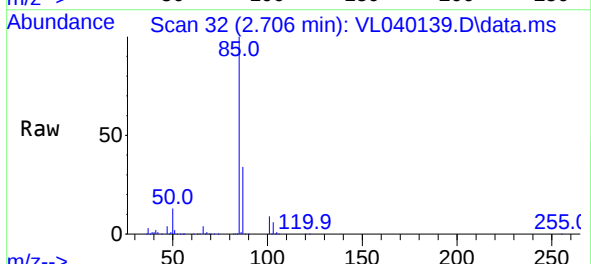
Tgt Ion: 49 Resp: 83658
Ion Ratio Lower Upper
49 100
128 48.4 23.6 71.0
130 61.5 29.8 89.3

Manual Integrations
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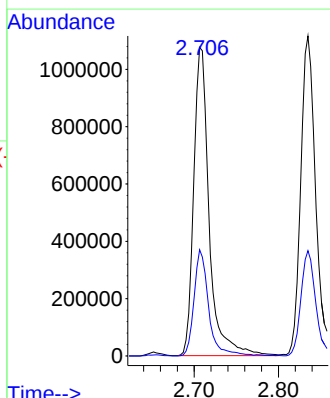
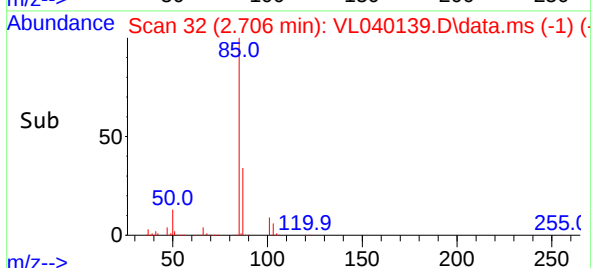
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

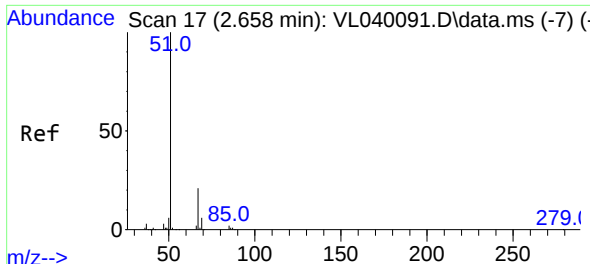


#2
Dichlorodifluoromethane
Concen: 9.373 ppbv
RT: 2.706 min Scan# 32
Delta R.T. -0.010 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43



Tgt Ion: 85 Resp: 1374886
Ion Ratio Lower Upper
85 100
87 34.4 26.5 39.7





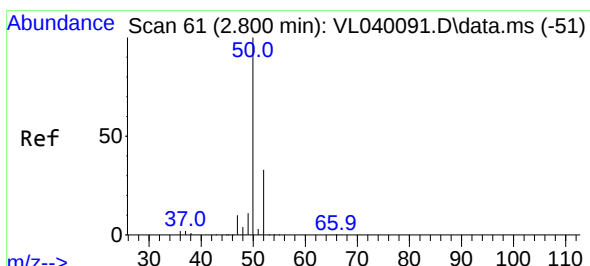
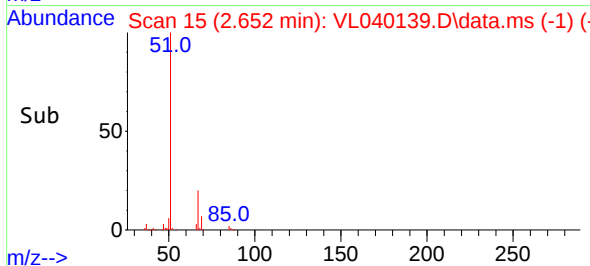
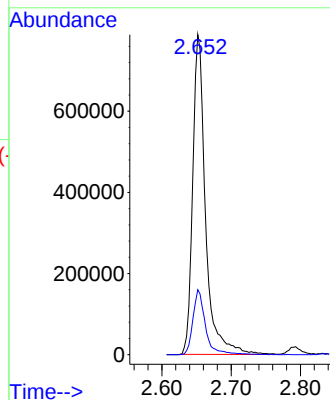
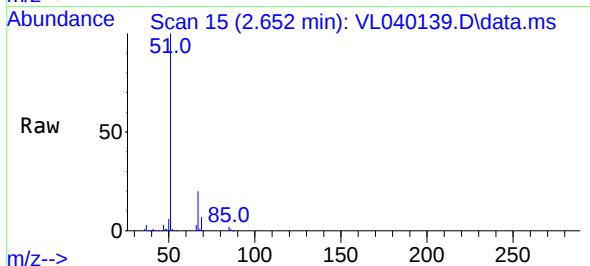
#3
Chlorodifluoromethane
Concen: 10.128 ppbv
RT: 2.652 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 1016294
Ion Ratio Lower Upper
51 100
67 20.0 16.4 24.6

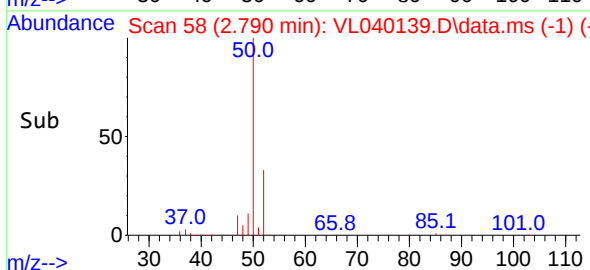
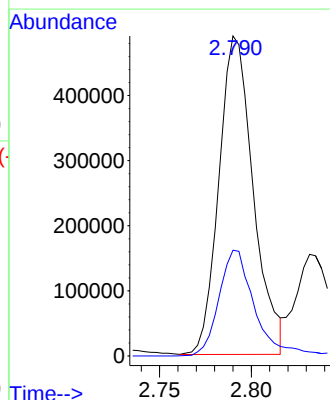
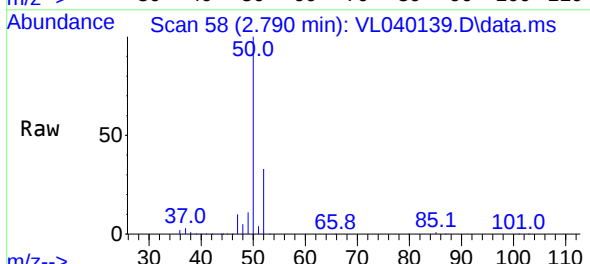
Manual Integrations
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Supervised By :Mahesh Dadoda 01/31/2023

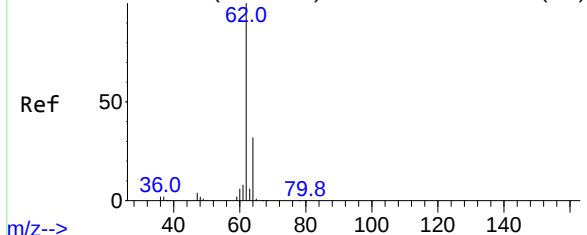


#4
Chloromethane
Concen: 10.288 ppbv
RT: 2.790 min Scan# 58
Delta R.T. -0.010 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

Tgt Ion: 50 Resp: 638013
Ion Ratio Lower Upper
50 100
52 33.2 26.5 39.7



Abundance Scan 94 (2.906 min): VL040091.D\data.ms (-82)



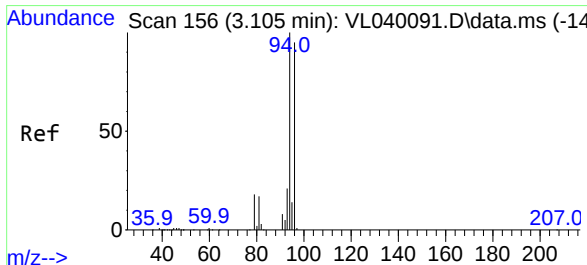
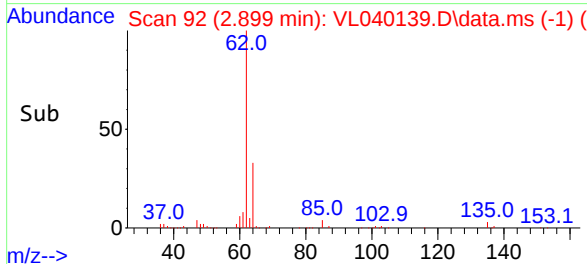
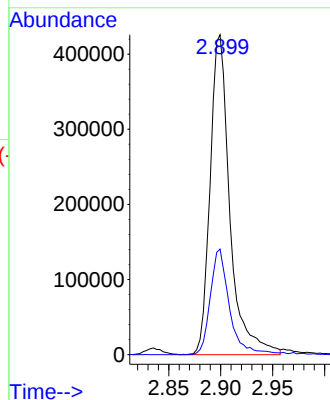
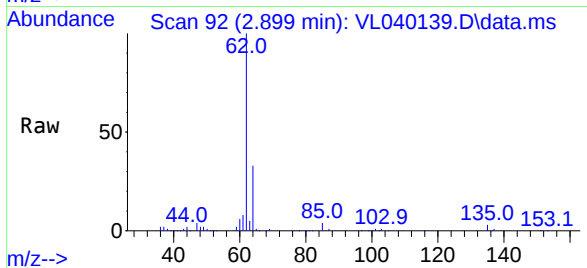
#5
Vinyl Chloride
Concen: 10.698 ppbv
RT: 2.899 min Scan# 91
Delta R.T. -0.006 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 562484
Ion Ratio Lower Upper
62 100
64 33.0 25.8 38.6

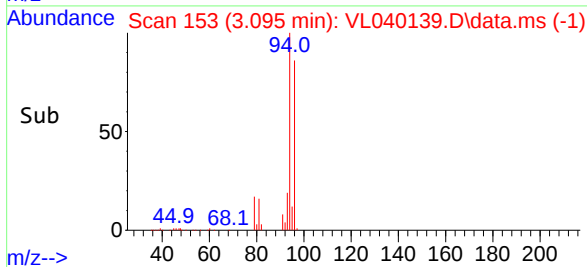
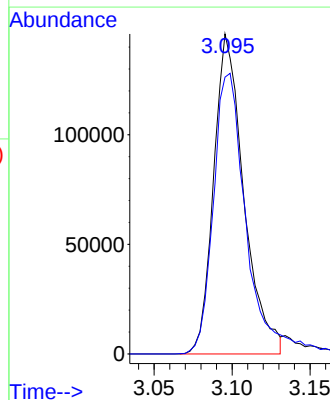
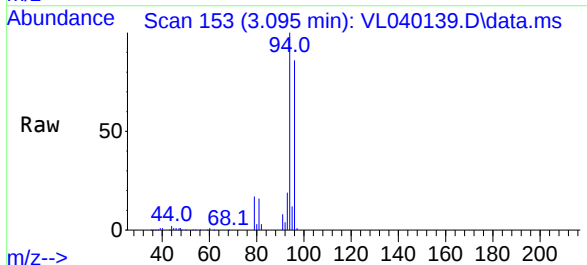
Manual Integrations
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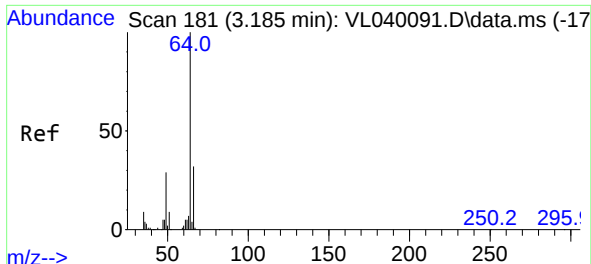
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#6
Bromomethane
Concen: 10.224 ppbv
RT: 3.095 min Scan# 153
Delta R.T. -0.010 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

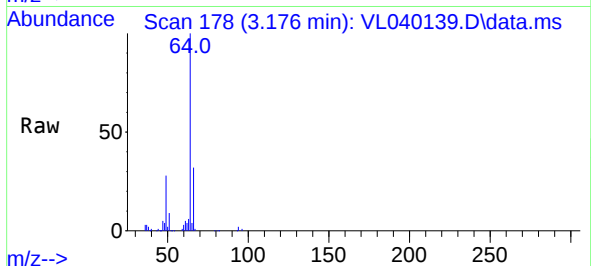
Tgt Ion: 94 Resp: 196152
Ion Ratio Lower Upper
94 100
96 86.4 76.2 114.2





#7
Chloroethane
Concen: 10.427 ppbv
RT: 3.176 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

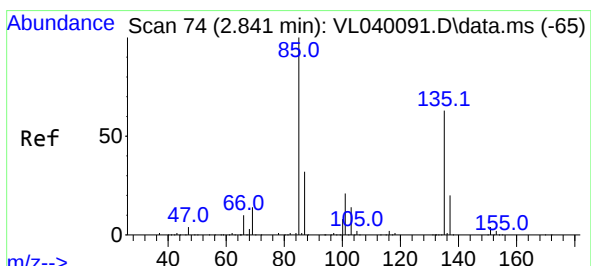
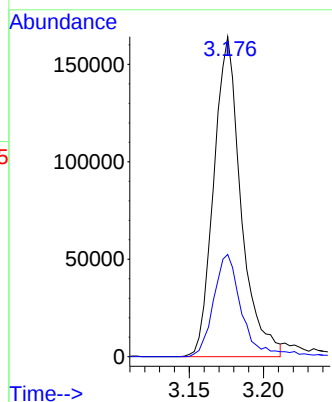
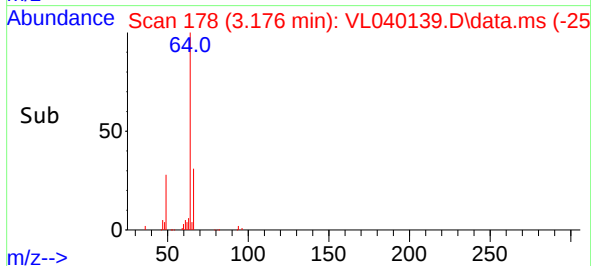
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



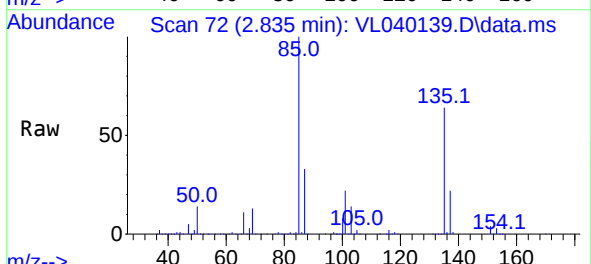
Tgt Ion: 64 Resp: 209549
Ion Ratio Lower Upper
64 100
66 31.9 25.6 38.4

Manual Integrations
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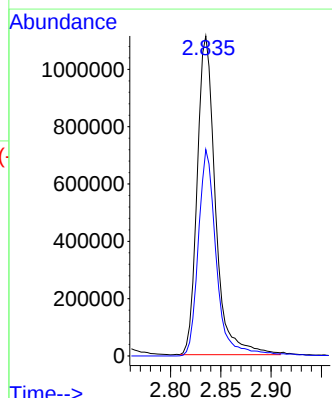
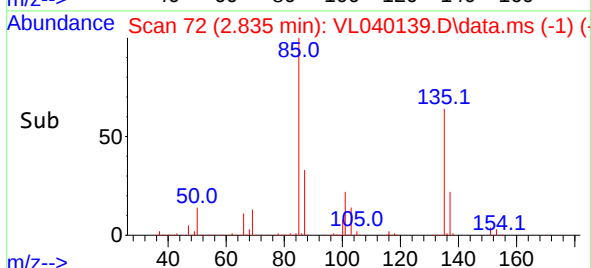
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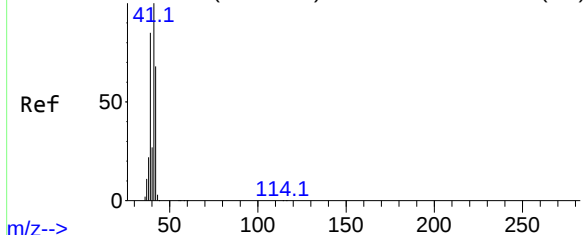
#8
Dichlorotetrafluoroethane
Concen: 10.230 ppbv
RT: 2.835 min Scan# 72
Delta R.T. -0.006 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43



Tgt Ion: 85 Resp: 1400789
Ion Ratio Lower Upper
85 100
135 65.0 51.4 77.2



Abundance Scan 23 (2.677 min): VL040091.D\data.ms (-15)



#9

Propene

Concen: 9.713 ppbv

RT: 2.671 min Scan# 21

Delta R.T. -0.006 min

Lab File: VL040139.D

Acq: 31 Jan 2023 8:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 404920

Ion Ratio Lower Upper

41 100

42 72.9 55.6 83.4

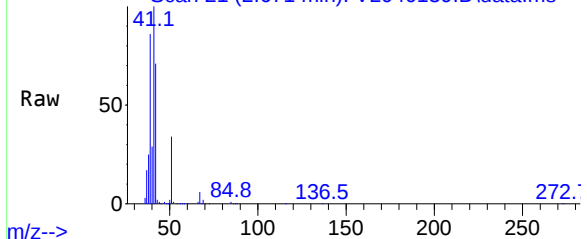
Manual Integrations

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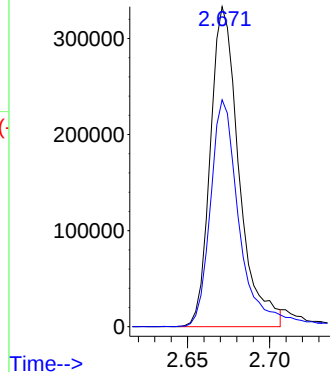
Reviewed By :Semsettin Yesilyurt 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023

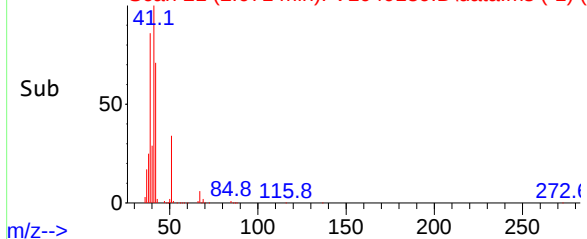
Abundance Scan 21 (2.671 min): VL040139.D\data.ms



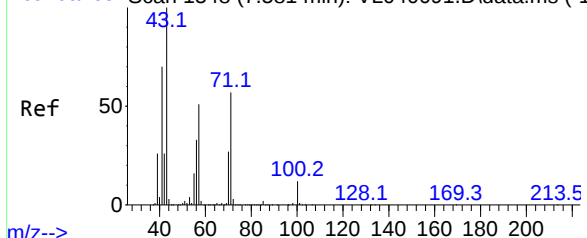
Abundance



Abundance Scan 21 (2.671 min): VL040139.D\data.ms (-1)



Abundance Scan 1548 (7.581 min): VL040091.D\data.ms (-1)



#10

Heptane

Concen: 11.273 ppbv

RT: 7.562 min Scan# 1542

Delta R.T. -0.019 min

Lab File: VL040139.D

Acq: 31 Jan 2023 8:43

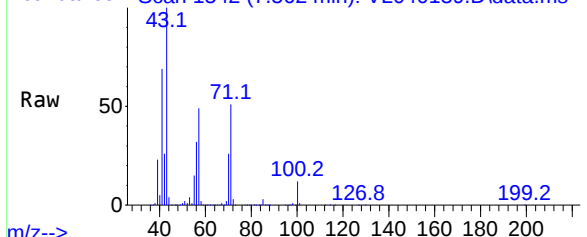
Tgt Ion: 43 Resp: 1083122

Ion Ratio Lower Upper

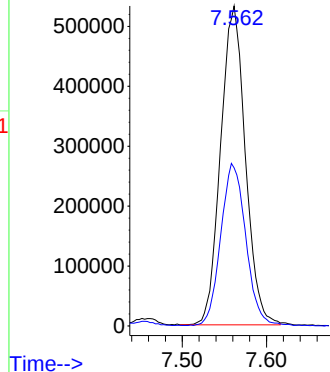
43 100

57 52.1 40.9 61.3

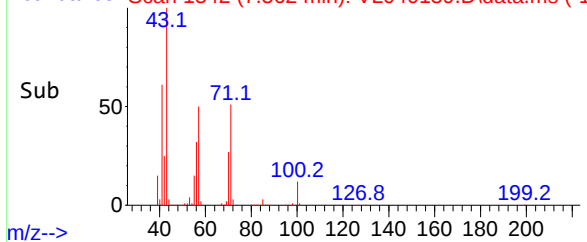
Abundance Scan 1542 (7.562 min): VL040139.D\data.ms

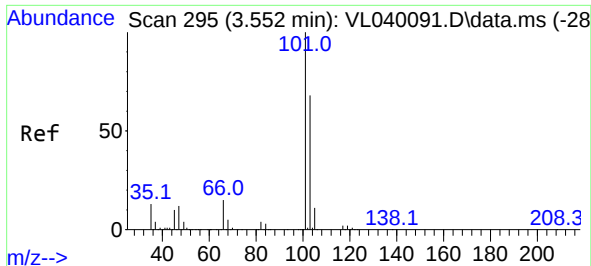


Abundance



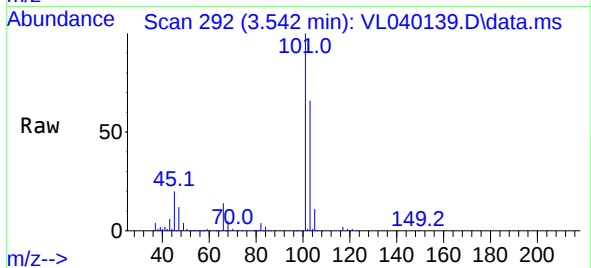
Abundance Scan 1542 (7.562 min): VL040139.D\data.ms (-1)





#11
 Trichlorofluoromethane
 Concen: 10.381 ppbv
 RT: 3.542 min Scan# 295
 Delta R.T. -0.010 min
 Lab File: VL040139.D
 Acq: 31 Jan 2023 8:43

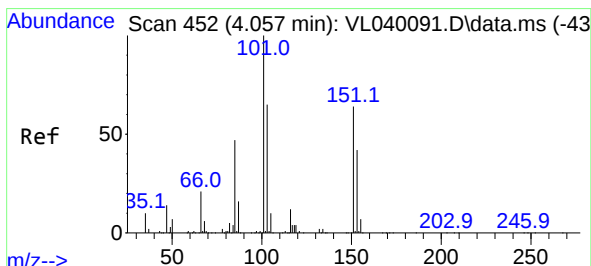
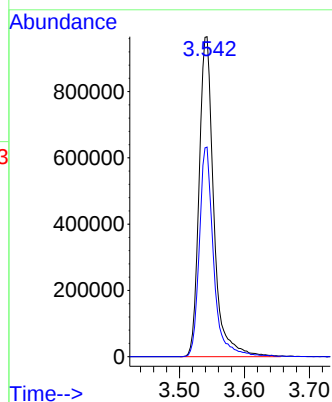
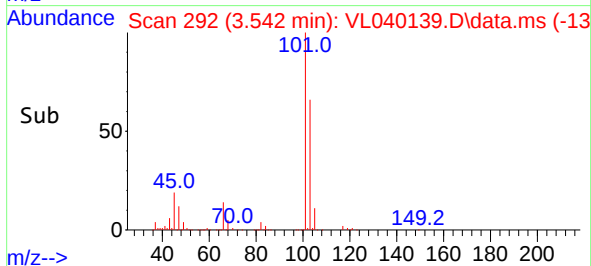
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



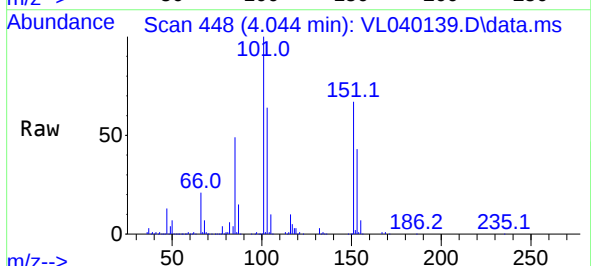
Tgt Ion:101 Resp: 151971
 Ion Ratio Lower Upper
 101 100
 103 65.5 54.0 81.0

Manual Integrations
 APPROVED

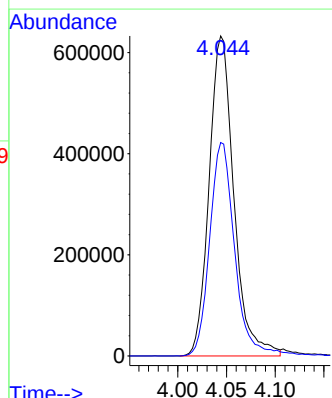
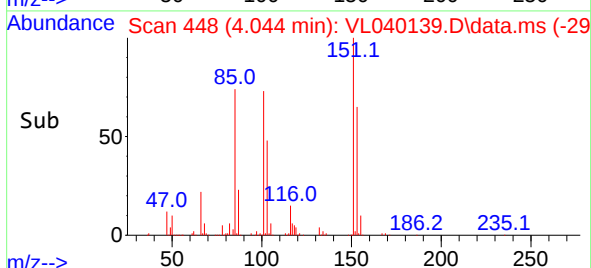
Reviewed By :Semsettin Yesilyurt 01/31/2023
 Supervised By :Mahesh Dadoda 01/31/2023

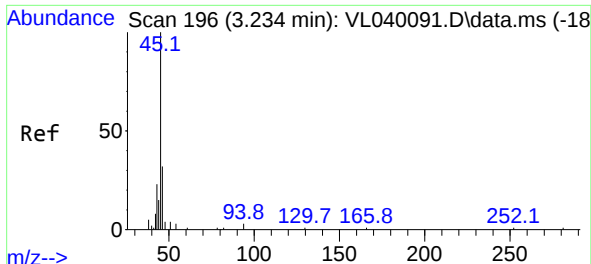


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.165 ppbv
 RT: 4.044 min Scan# 448
 Delta R.T. -0.013 min
 Lab File: VL040139.D
 Acq: 31 Jan 2023 8:43



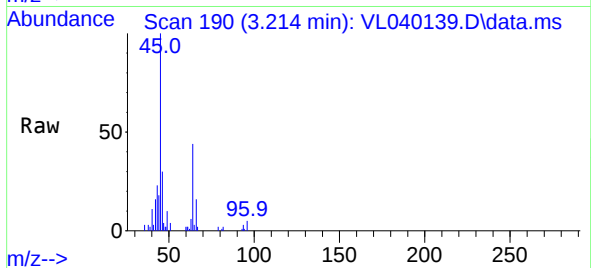
Tgt Ion:101 Resp: 1118647
 Ion Ratio Lower Upper
 101 100
 151 67.9 53.2 79.8





#13
Ethanol
Concen: 8.226 ppbv m
RT: 3.214 min Scan# 196
Delta R.T. -0.019 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

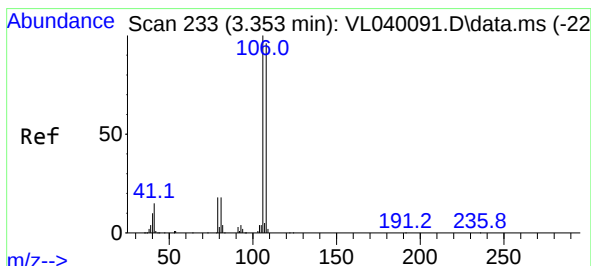
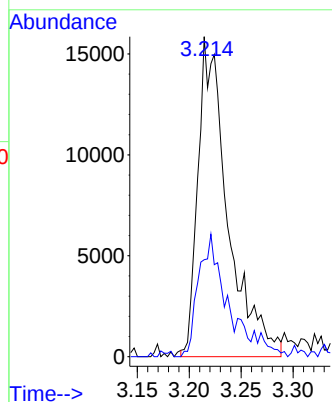
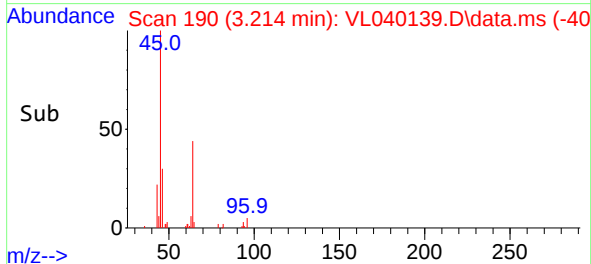
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



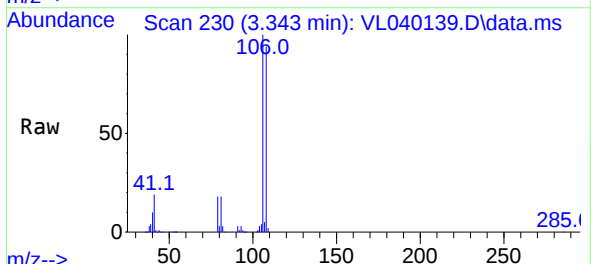
Tgt Ion: 45 Resp: 3156
Ion Ratio Lower Upper
45 100
46 40.0 14.8 59.2

Manual Integrations
APPROVED

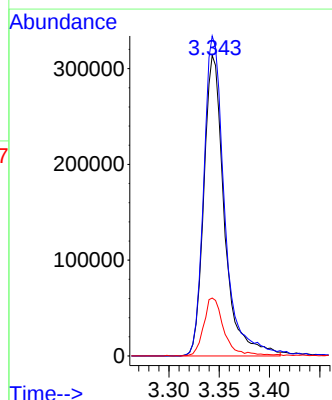
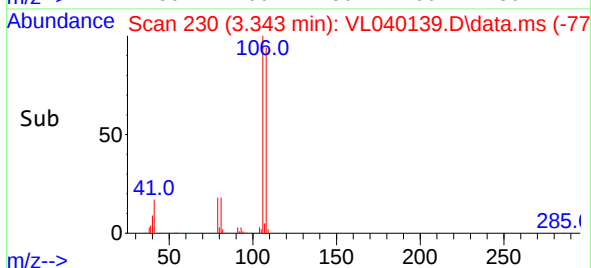
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

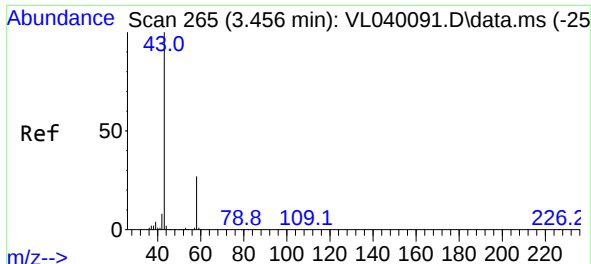


#14
Bromoethene
Concen: 10.921 ppbv
RT: 3.343 min Scan# 230
Delta R.T. -0.010 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43



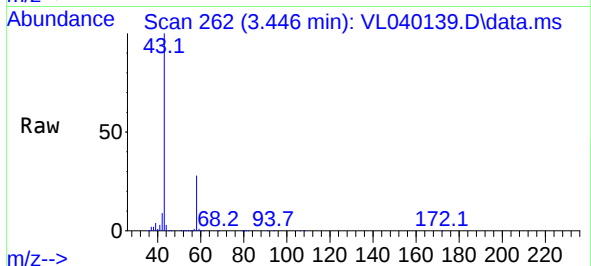
Tgt Ion:108 Resp: 446181
Ion Ratio Lower Upper
108 100
106 109.5 87.0 130.6
79 18.9 16.1 24.1





#15
Acetone
Concen: 9.908 ppbv
RT: 3.446 min Scan# 20
Delta R.T. -0.010 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

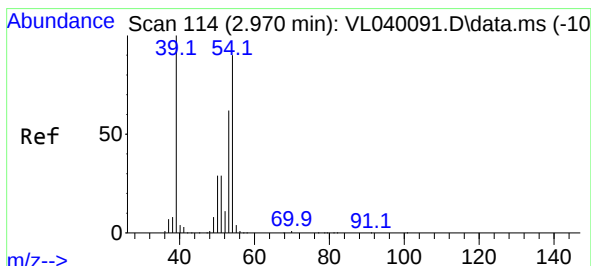
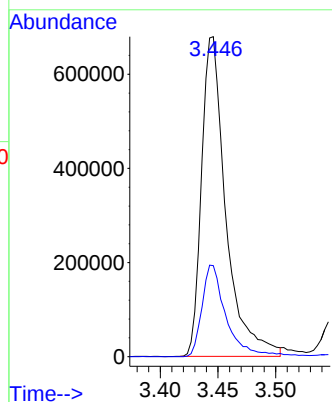
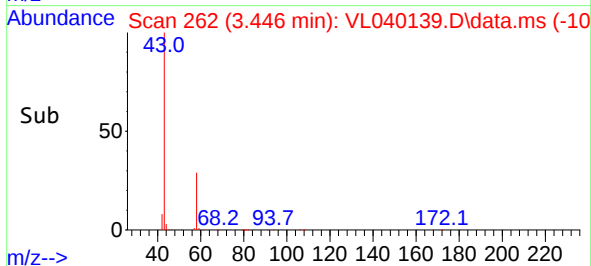
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



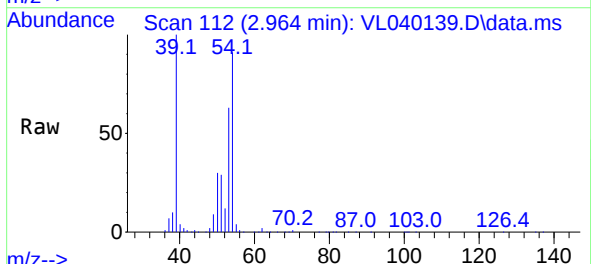
Tgt Ion: 43 Resp: 99412
Ion Ratio Lower Upper
43 100
58 28.7 21.8 32.8

Manual Integrations
APPROVED

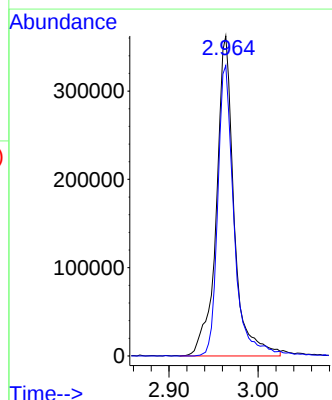
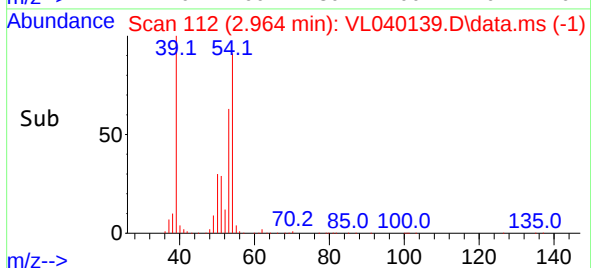
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

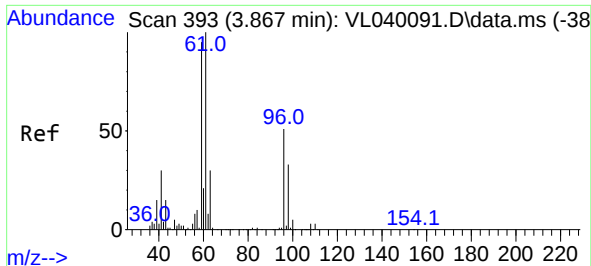


#16
1,3-Butadiene
Concen: 10.744 ppbv
RT: 2.964 min Scan# 112
Delta R.T. -0.006 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43



Tgt Ion: 39 Resp: 502581
Ion Ratio Lower Upper
39 100
54 84.2 67.9 101.9





#17

tert-Butyl alcohol

Concen: 11.321 ppbv

RT: 3.854 min Scan# 393

Delta R.T. -0.013 min

Lab File: VL040139.D

Acq: 31 Jan 2023 8:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 59 Resp: 105768

Ion Ratio Lower Upper

59 100

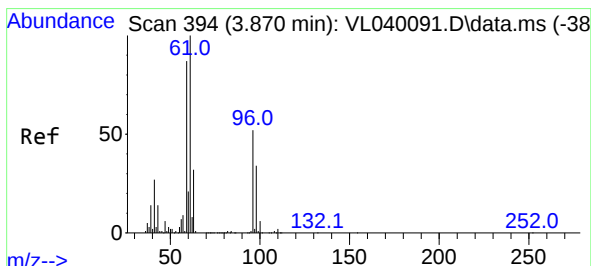
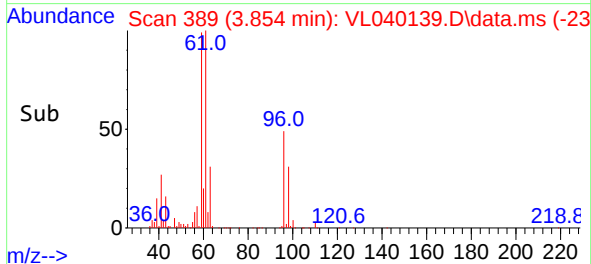
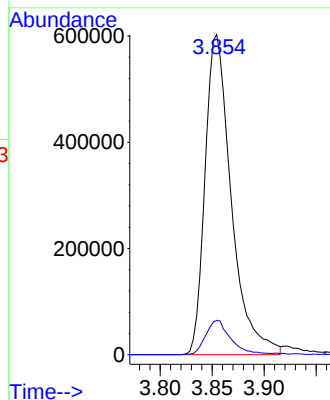
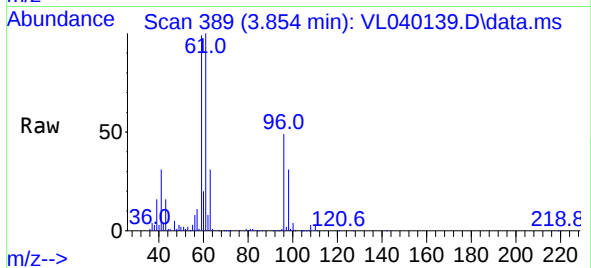
57 10.6 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023



#18

1,1-Dichloroethene

Concen: 10.374 ppbv

RT: 3.857 min Scan# 390

Delta R.T. -0.013 min

Lab File: VL040139.D

Acq: 31 Jan 2023 8:43

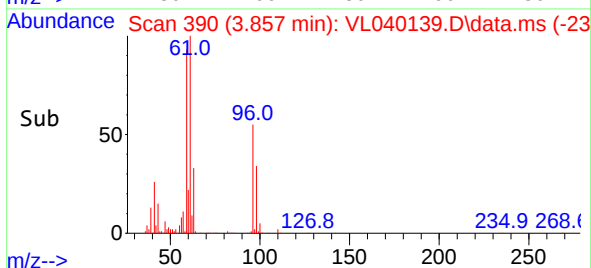
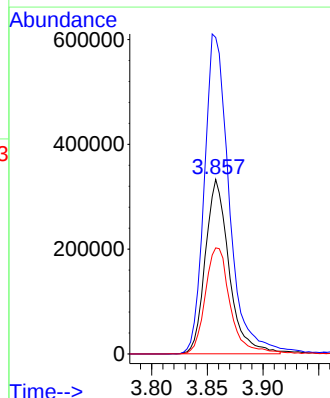
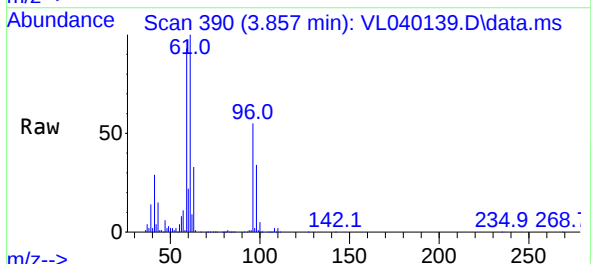
Tgt Ion: 96 Resp: 496022

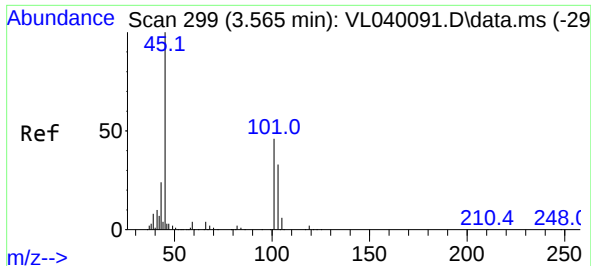
Ion Ratio Lower Upper

96 100

61 181.1 153.0 229.4

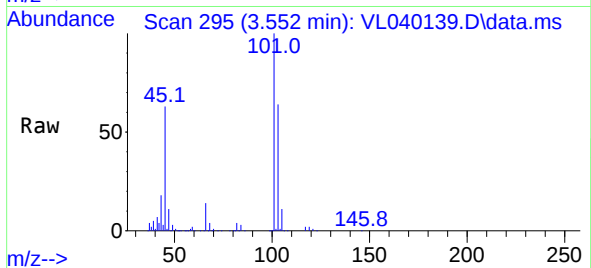
98 60.8 52.7 79.1





#19
Isopropyl Alcohol
Concen: 10.376 ppbv
RT: 3.552 min Scan# 299
Delta R.T. -0.013 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

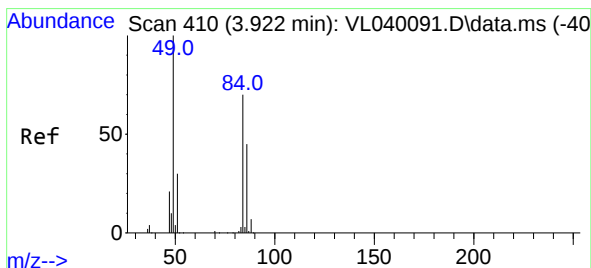
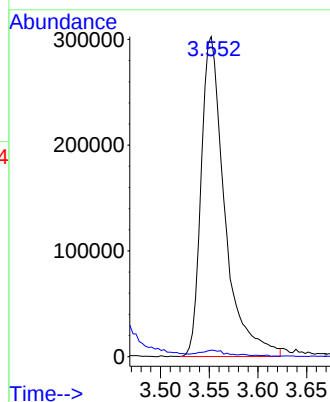
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 45 Resp: 50934
Ion Ratio Lower Upper
45 100
58 3.2 2.6 4.0

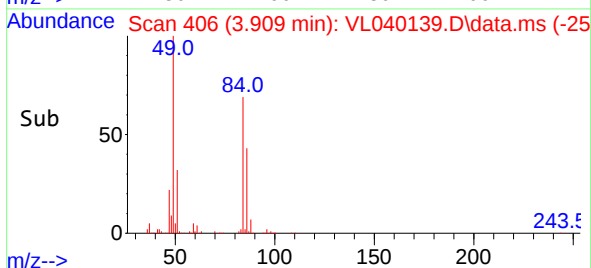
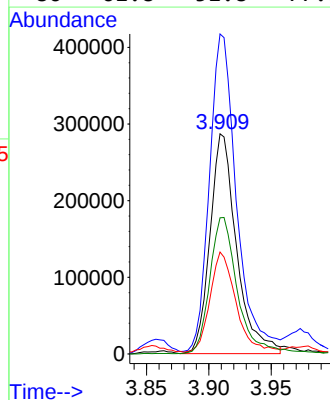
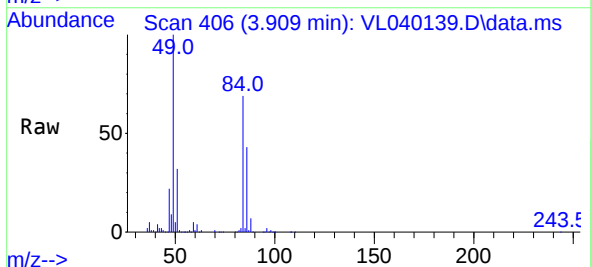
Manual Integrations
APPROVED

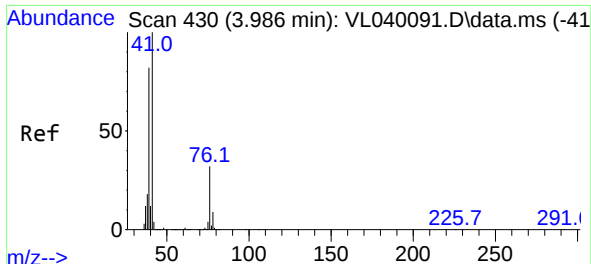
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#20
Methylene Chloride
Concen: 9.628 ppbv
RT: 3.909 min Scan# 406
Delta R.T. -0.013 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

Tgt Ion: 84 Resp: 426184
Ion Ratio Lower Upper
84 100
49 144.4 114.6 171.8
51 45.1 34.3 51.5
86 61.8 51.8 77.8





#21

Allyl Chloride

Concen: 10.992 ppbv

RT: 3.973 min Scan# 41

Delta R.T. -0.013 min

Lab File: VL040139.D

Acq: 31 Jan 2023 8:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

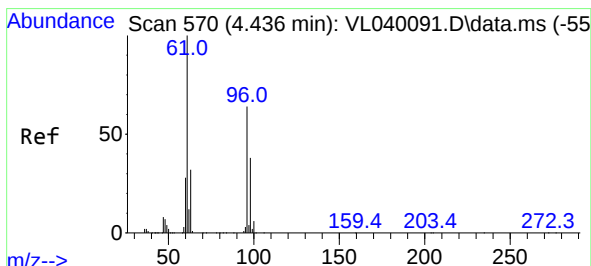
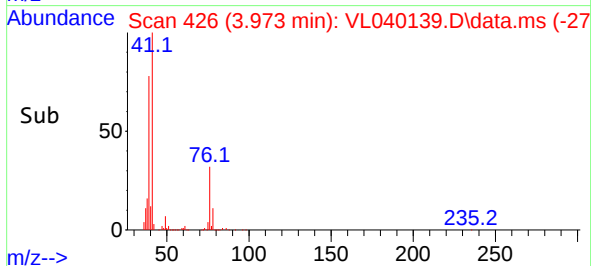
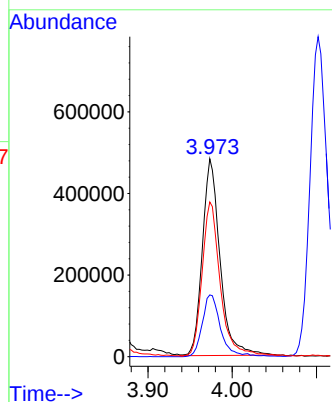
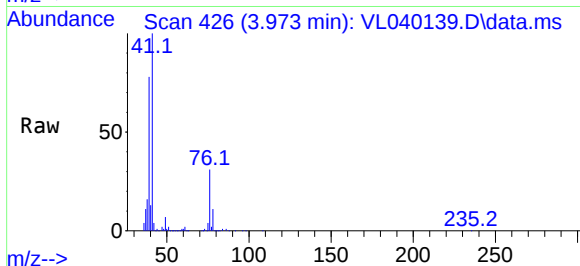
Tgt Ion: 41 Resp: 70809

Ion	Ratio	Lower	Upper
41	100		
76	32.6	25.9	38.9
39	80.1	66.8	100.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#22

trans-1,2-Dichloroethene

Concen: 10.917 ppbv

RT: 4.423 min Scan# 566

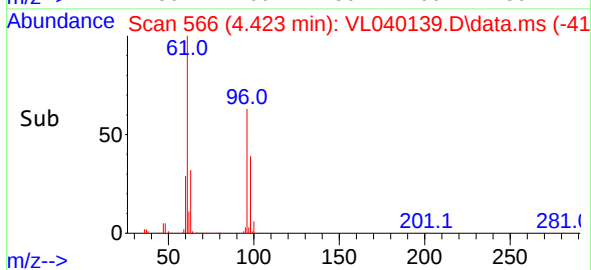
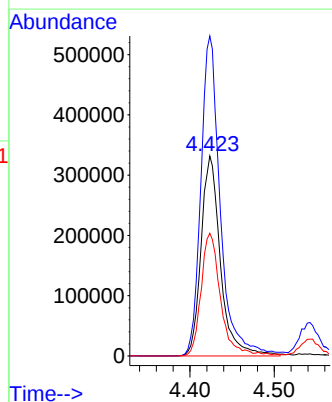
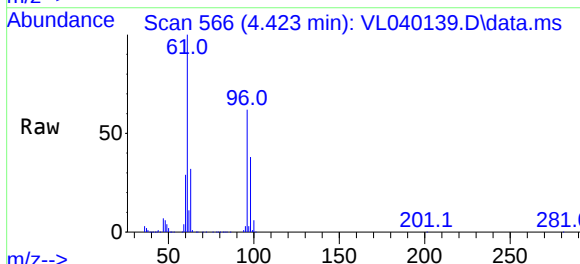
Delta R.T. -0.013 min

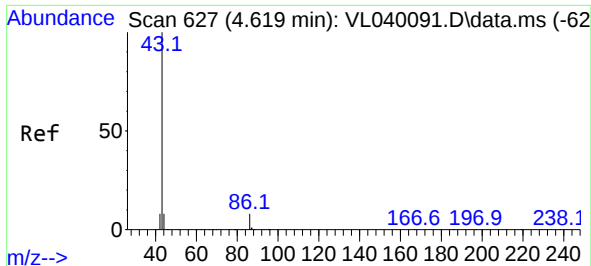
Lab File: VL040139.D

Acq: 31 Jan 2023 8:43

Tgt Ion: 96 Resp: 533370

Ion	Ratio	Lower	Upper
96	100		
61	159.8	125.8	188.8
98	61.2	47.4	71.2





#23
 Vinyl Acetate
 Concen: 10.367 ppbv
 RT: 4.603 min Scan# 603
 Delta R.T. -0.016 min
 Lab File: VL040139.D
 Acq: 31 Jan 2023 8:43

Instrument :

MSVOA_L

ClientSampleId :

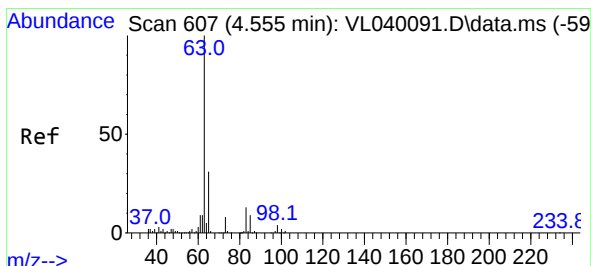
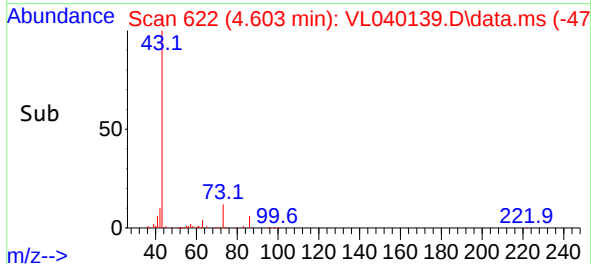
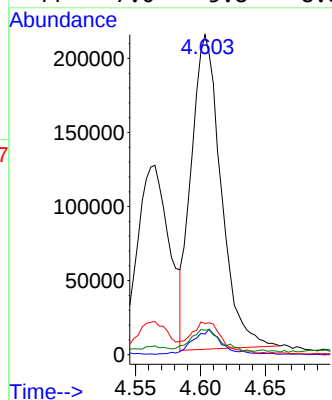
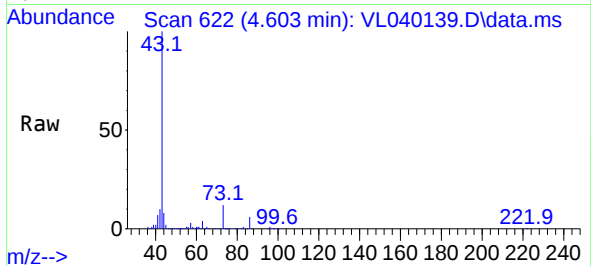
VSTDCCC010EC

Tgt Ion: 43 Resp: 337180
 Ion Ratio Lower Upper
 43 100
 86 6.5 5.6 8.4
 42 9.5 7.7 11.5
 44 7.0 5.8 8.8

Manual Integrations

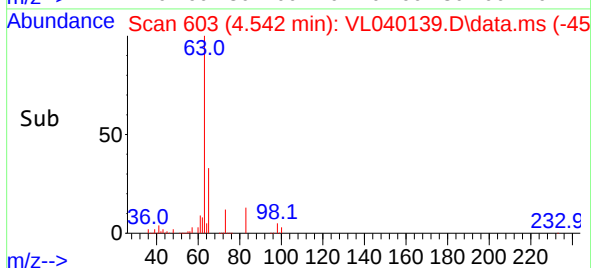
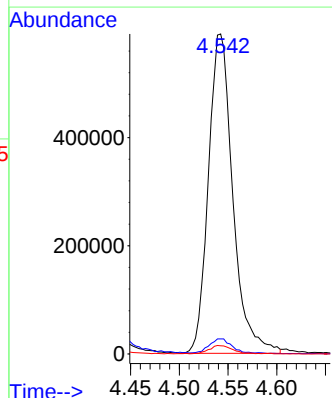
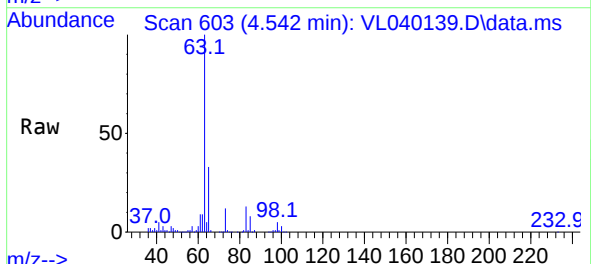
APPROVED

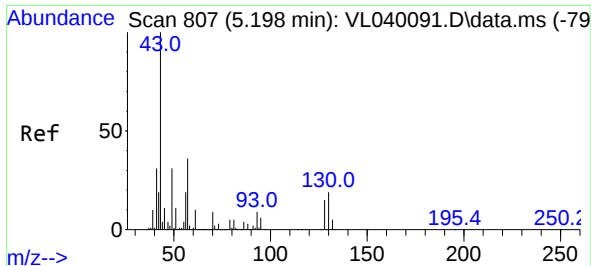
Reviewed By :Semsettin Yesilyurt 01/31/2023
 Supervised By :Mahesh Dadoda 01/31/2023



#24
 1,1-Dichloroethane
 Concen: 10.454 ppbv
 RT: 4.542 min Scan# 603
 Delta R.T. -0.013 min
 Lab File: VL040139.D
 Acq: 31 Jan 2023 8:43

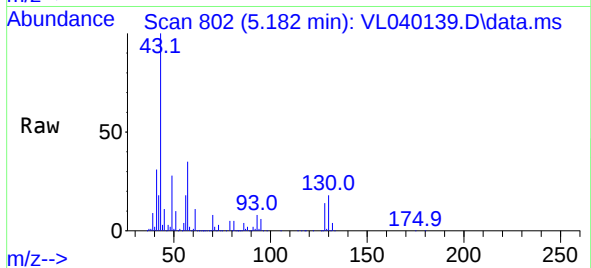
Tgt Ion: 63 Resp: 1029610
 Ion Ratio Lower Upper
 63 100
 98 4.6 2.0 5.8
 100 2.5 1.1 3.5





#25
Ethyl Acetate
Concen: 10.918 ppbv
RT: 5.182 min Scan# 805
Delta R.T. -0.016 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

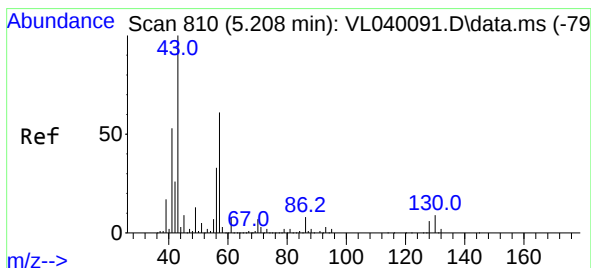
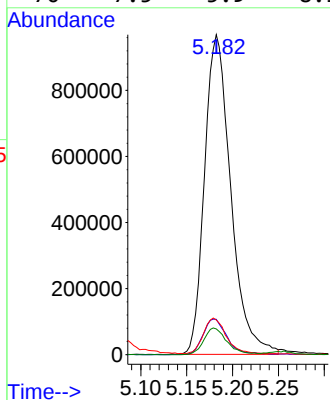
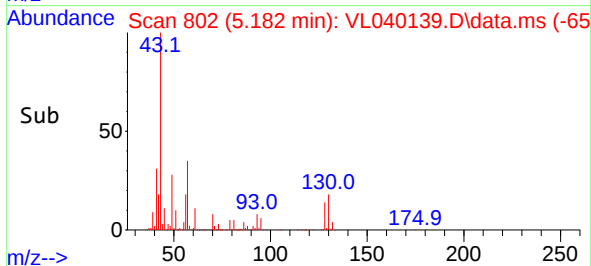


Tgt Ion: 43 Resp: 192989

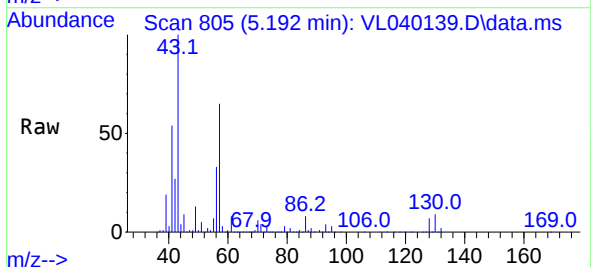
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.5	12.7
61	10.3	8.4	12.6
70	7.5	5.9	8.9

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

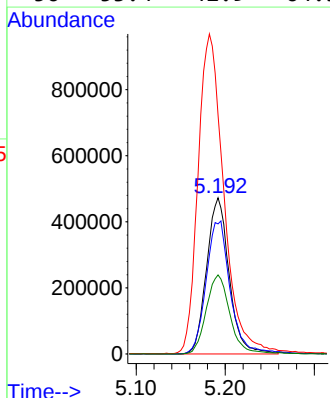
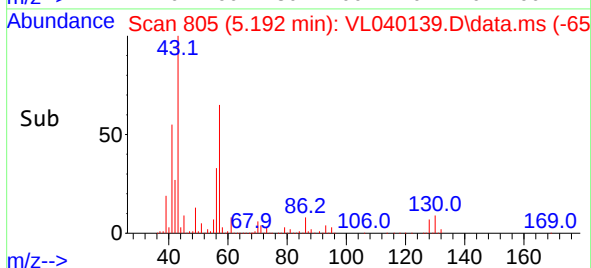


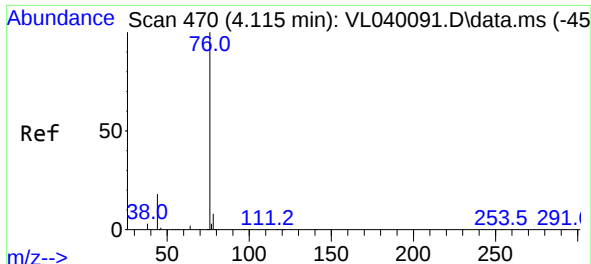
#26
Hexane
Concen: 10.743 ppbv
RT: 5.192 min Scan# 805
Delta R.T. -0.016 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43



Tgt Ion: 57 Resp: 830993

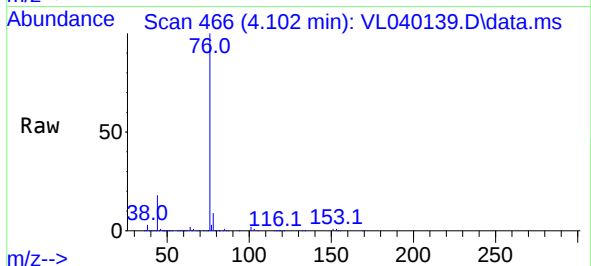
Ion	Ratio	Lower	Upper
57	100		
41	92.1	72.2	108.4
43	235.6	192.1	288.1
56	53.4	42.9	64.3





#27
Carbon Disulfide
Concen: 12.497 ppbv
RT: 4.102 min Scan# 410
Delta R.T. -0.013 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

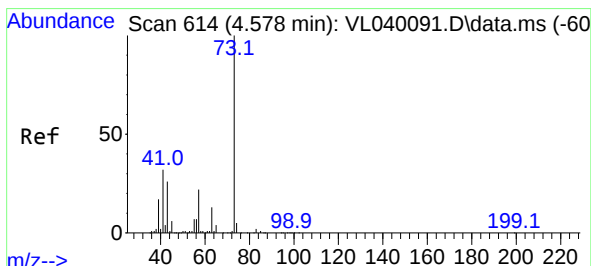
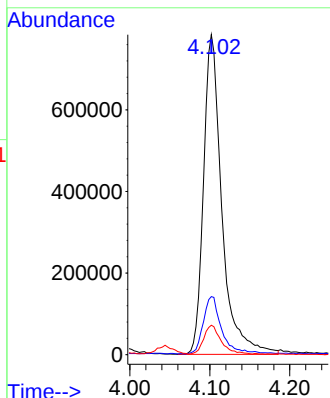
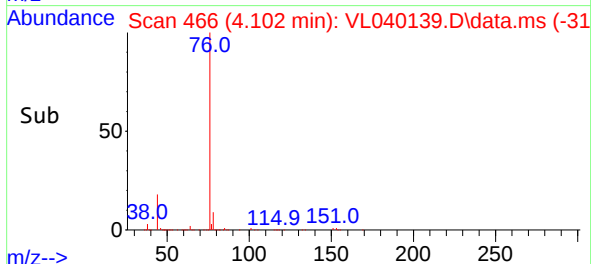
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 1252400
Ion Ratio Lower Upper
76 100
44 18.4 14.9 22.3
78 9.0 8.2 12.2

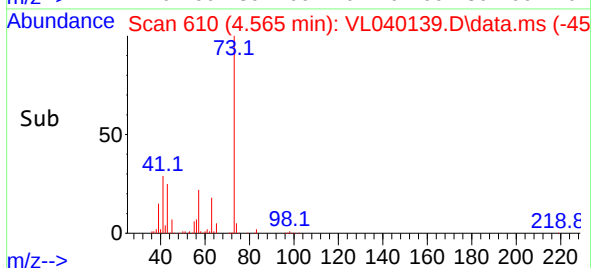
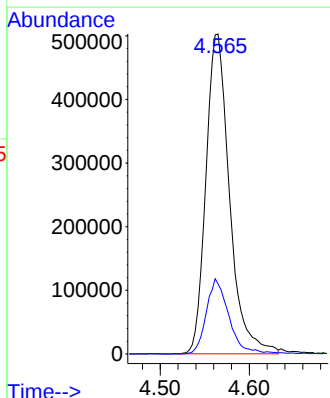
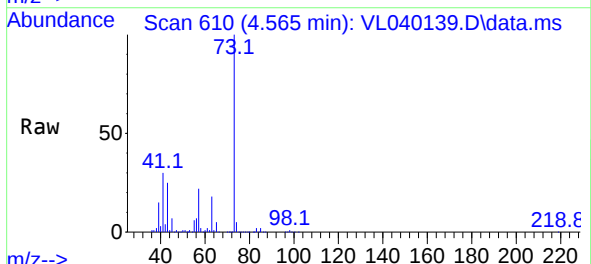
Manual Integrations
APPROVED

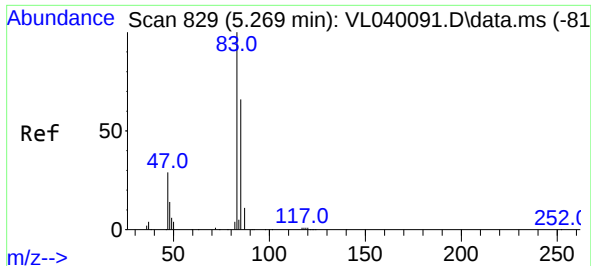
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#28
Methyl tert-Butyl Ether
Concen: 10.621 ppbv
RT: 4.565 min Scan# 610
Delta R.T. -0.013 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

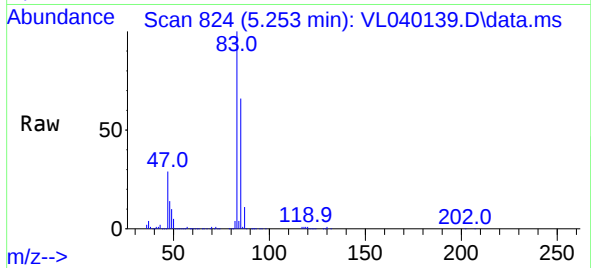
Tgt Ion: 73 Resp: 924225
Ion Ratio Lower Upper
73 100
57 22.8 18.3 27.5





#29
Chloroform
Concen: 11.675 ppbv
RT: 5.253 min Scan# 81
Delta R.T. -0.016 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

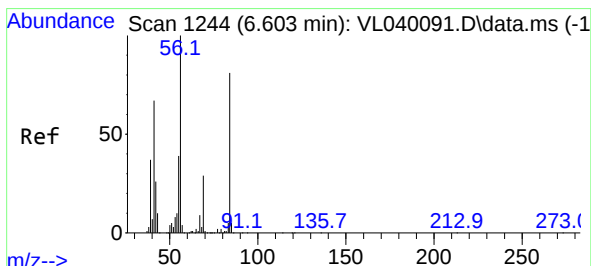
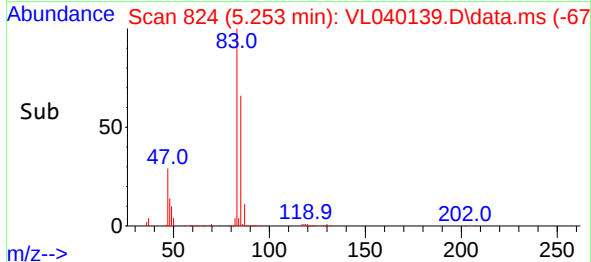
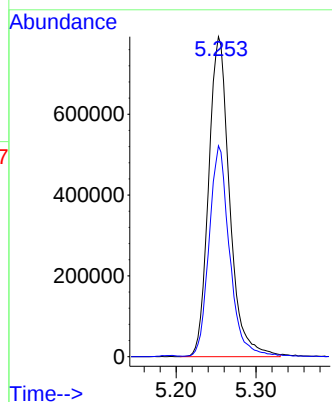
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 83 Resp: 1443950
Ion Ratio Lower Upper
83 100
85 65.7 53.1 79.7

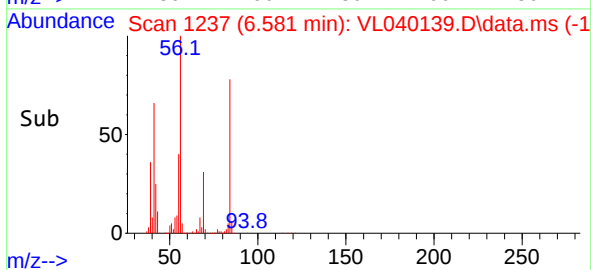
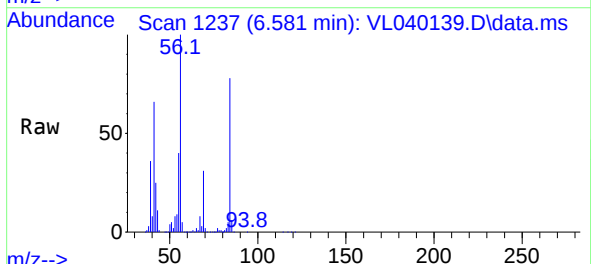
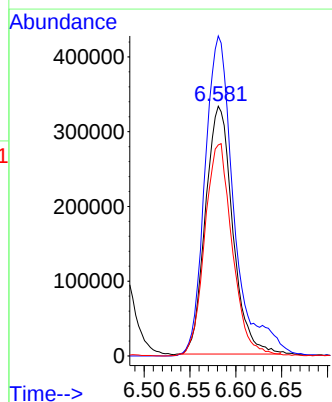
Manual Integrations
APPROVED

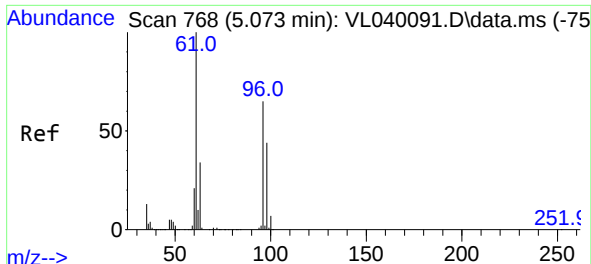
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#30
Cyclohexane
Concen: 11.177 ppbv
RT: 6.581 min Scan# 1237
Delta R.T. -0.022 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

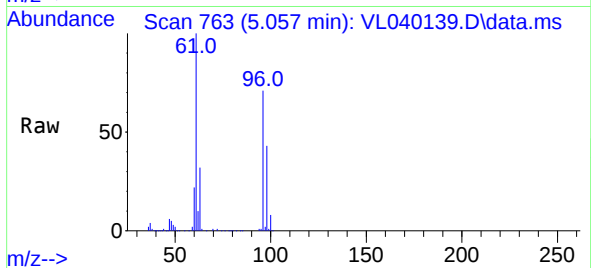
Tgt Ion: 84 Resp: 687332
Ion Ratio Lower Upper
84 100
56 138.9 111.5 167.3
41 87.0 71.4 107.0





#31
cis-1,2-Dichloroethene
Concen: 10.228 ppbv
RT: 5.057 min Scan# 70
Delta R.T. -0.016 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

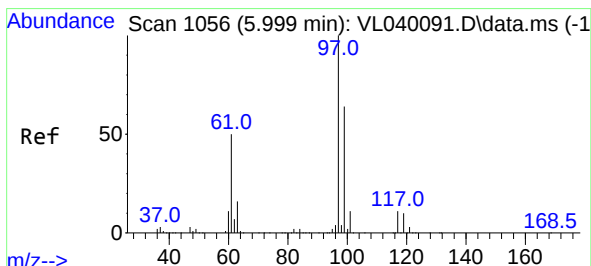
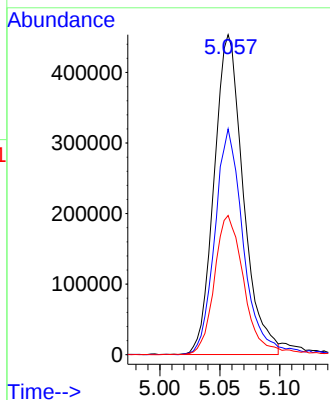
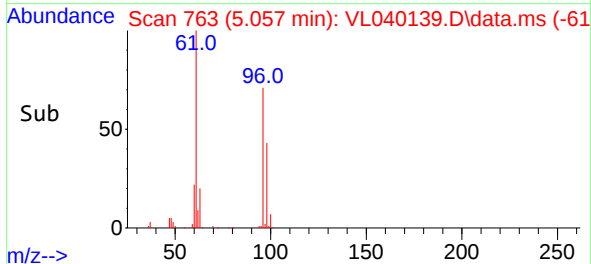
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



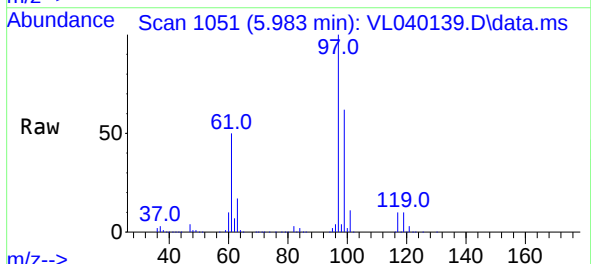
Tgt Ion: 61 Resp: 765930
Ion Ratio Lower Upper
61 100
96 70.6 52.0 78.0
98 43.4 35.3 52.9

Manual Integrations
APPROVED

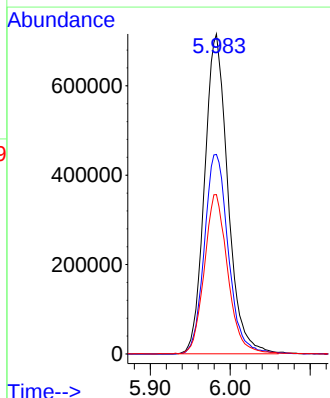
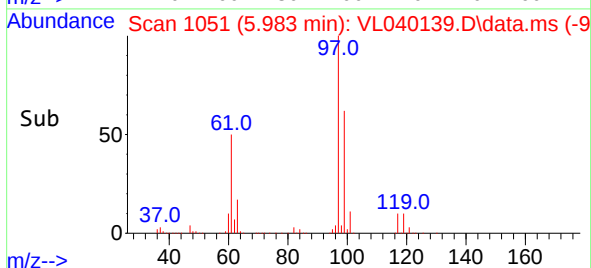
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

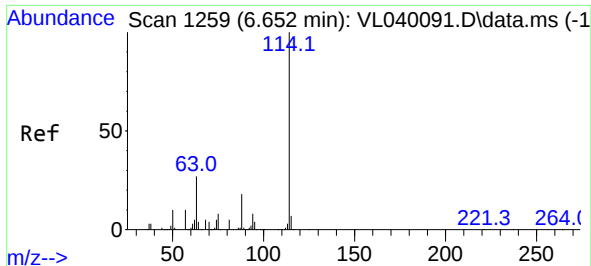


#32
1,1,1-Trichloroethane
Concen: 11.521 ppbv
RT: 5.983 min Scan# 1051
Delta R.T. -0.016 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43



Tgt Ion: 97 Resp: 1448257
Ion Ratio Lower Upper
97 100
99 64.6 51.8 77.6
61 50.7 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.632 min Scan# 114

Delta R.T. -0.019 min

Lab File: VL040139.D

Acq: 31 Jan 2023 8:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:114 Resp: 2198909

Ion Ratio Lower Upper

114 100

63 26.2 21.8 32.8

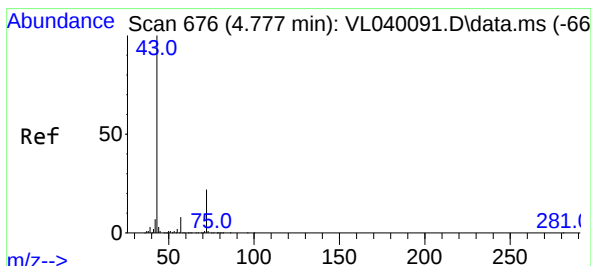
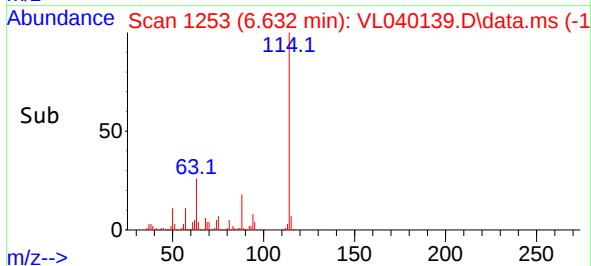
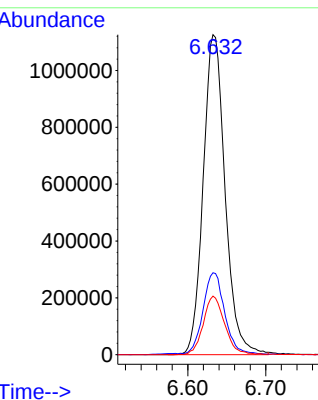
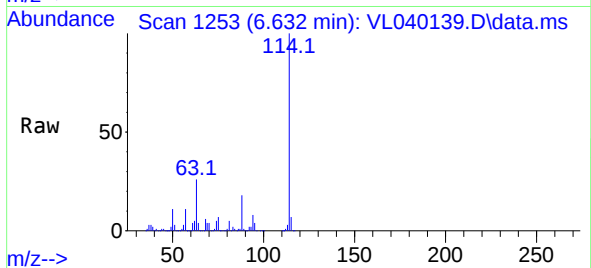
88 18.0 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023



#34

2-Butanone

Concen: 10.815 ppbv

RT: 4.761 min Scan# 671

Delta R.T. -0.016 min

Lab File: VL040139.D

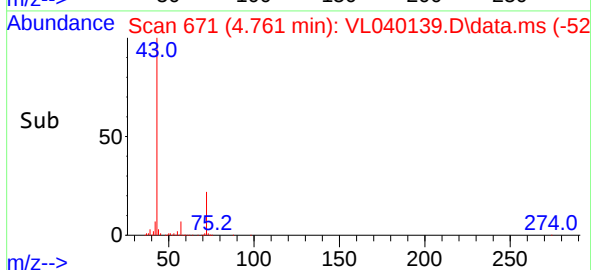
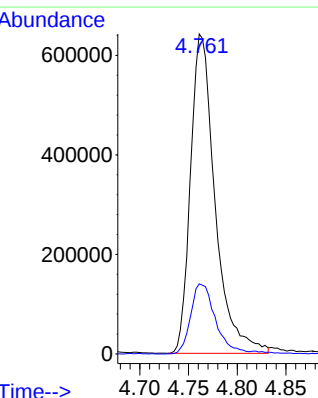
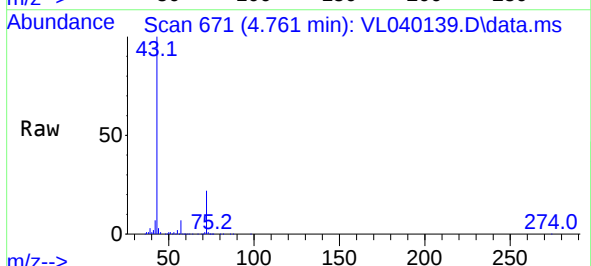
Acq: 31 Jan 2023 8:43

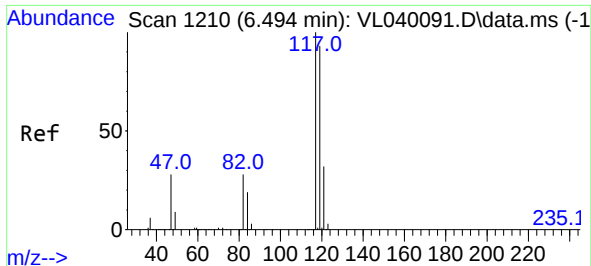
Tgt Ion: 43 Resp: 1124859

Ion Ratio Lower Upper

43 100

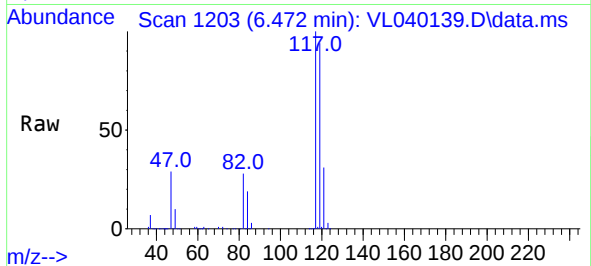
72 22.8 18.4 27.6





#35
Carbon Tetrachloride
Concen: 12.240 ppbv
RT: 6.472 min Scan# 1165
Delta R.T. -0.022 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

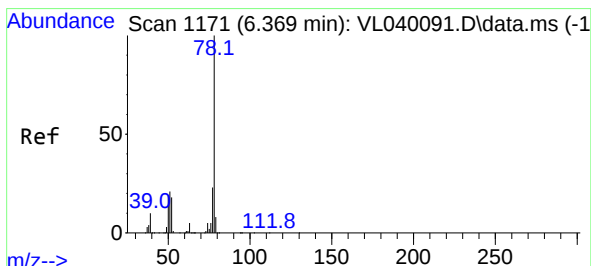
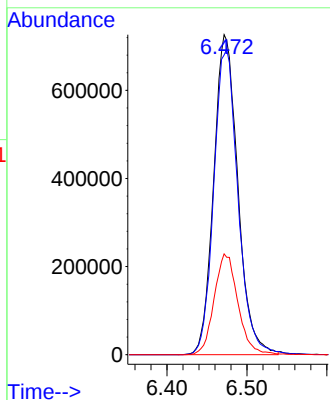
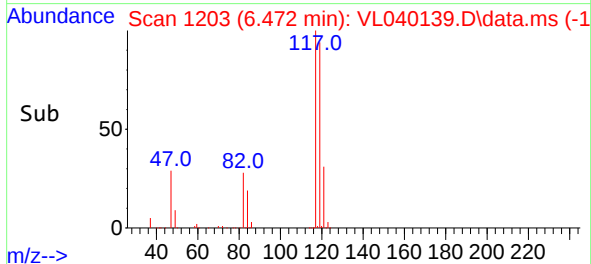
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



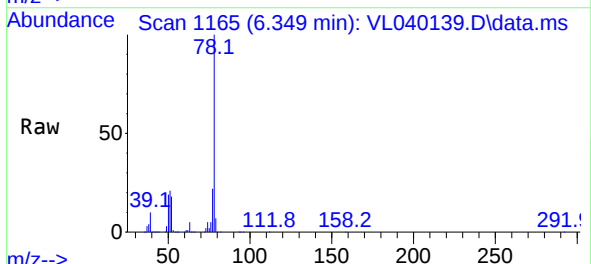
Tgt Ion: 117 Resp: 152174
Ion Ratio Lower Upper
117 100
119 93.6 74.5 111.7
121 31.5 25.4 38.0

Manual Integrations
APPROVED

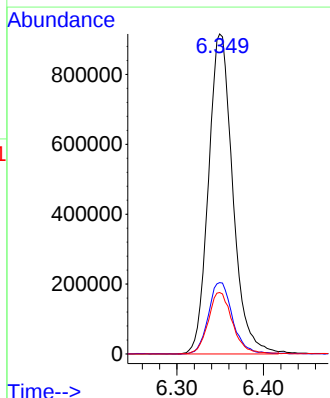
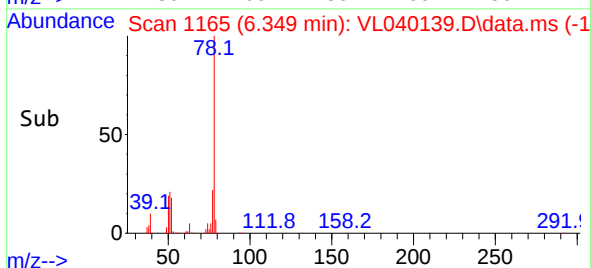
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

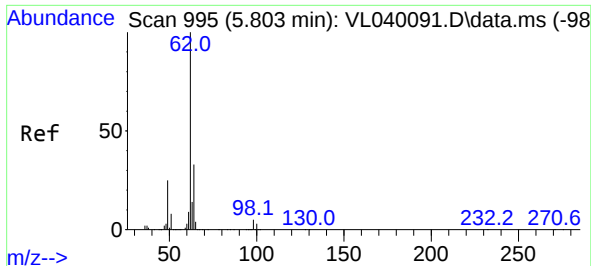


#36
Benzene
Concen: 10.959 ppbv
RT: 6.349 min Scan# 1165
Delta R.T. -0.019 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43



Tgt Ion: 78 Resp: 1783286
Ion Ratio Lower Upper
78 100
77 22.3 18.1 27.1
50 19.2 15.6 23.4





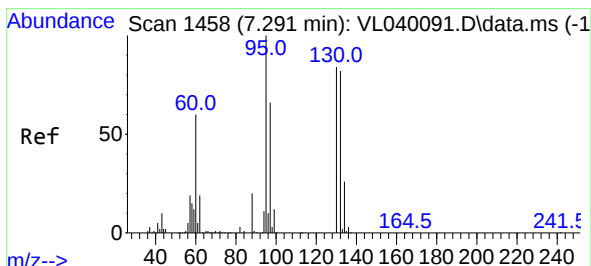
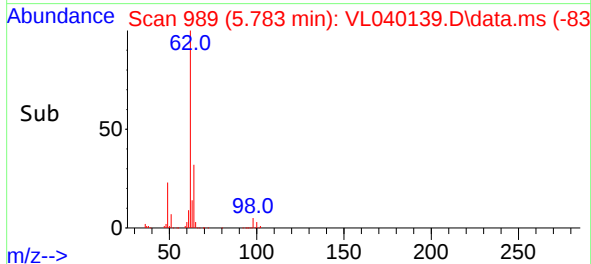
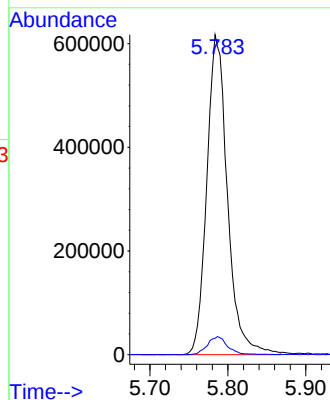
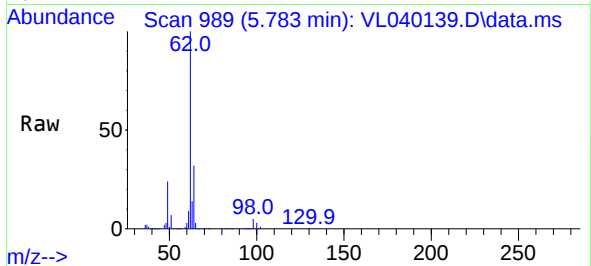
#37
1,2-Dichloroethane
Concen: 10.854 ppbv
RT: 5.783 min Scan# 91
Delta R.T. -0.019 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 1135260
Ion Ratio Lower Upper
62 100
98 5.7 4.4 6.6

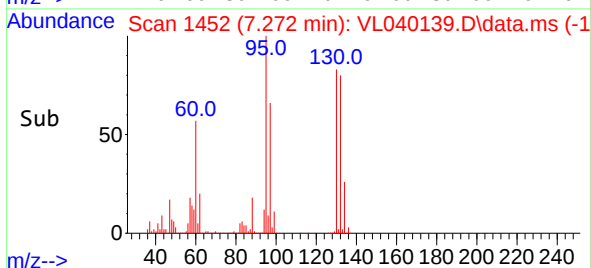
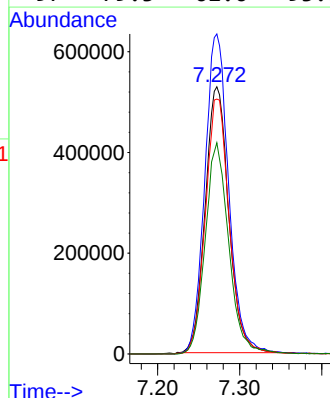
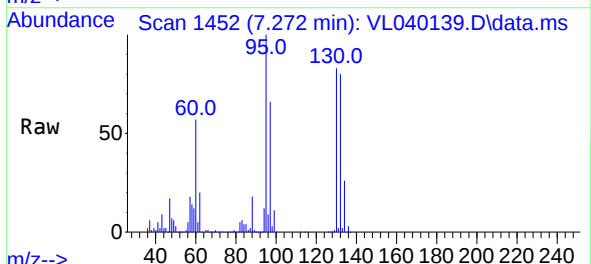
Manual Integrations
APPROVED

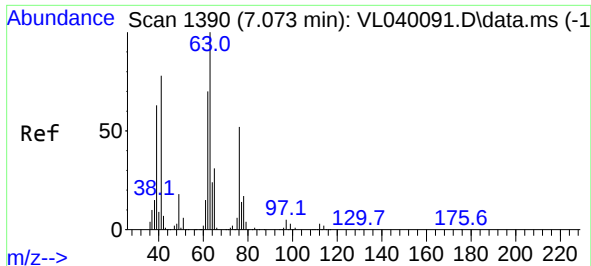
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#38
Trichloroethene
Concen: 11.402 ppbv
RT: 7.272 min Scan# 1452
Delta R.T. -0.019 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

Tgt Ion:130 Resp: 1053026
Ion Ratio Lower Upper
130 100
95 120.0 95.0 142.6
132 95.6 77.9 116.9
97 79.3 62.6 93.8





#39

1,2-Dichloropropane

Concen: 10.775 ppbv

RT: 7.050 min Scan# 11

Delta R.T. -0.022 min

Lab File: VL040139.D

Acq: 31 Jan 2023 8:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

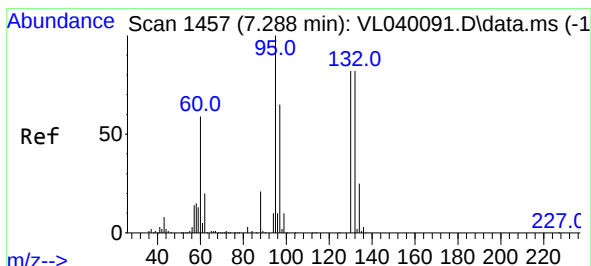
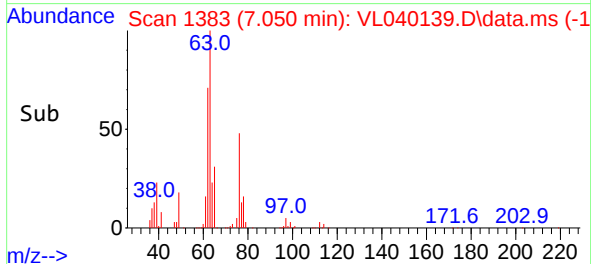
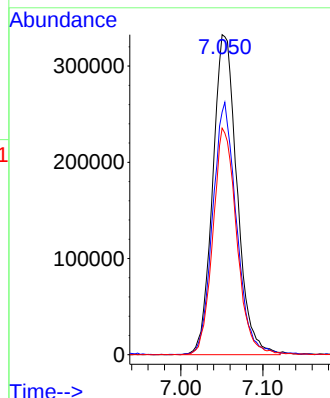
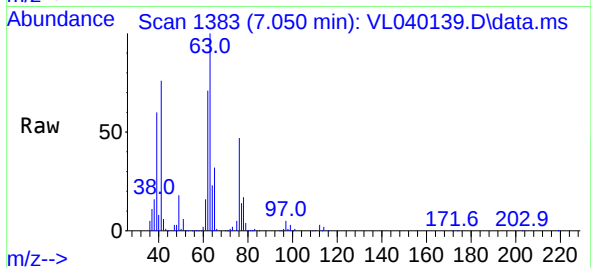
Tgt Ion: 63 Resp: 685810

Ion	Ratio	Lower	Upper
63	100		
41	75.7	62.2	93.4
62	70.8	55.8	83.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#40

1,4-Dioxane

Concen: 10.706 ppbv

RT: 7.266 min Scan# 1450

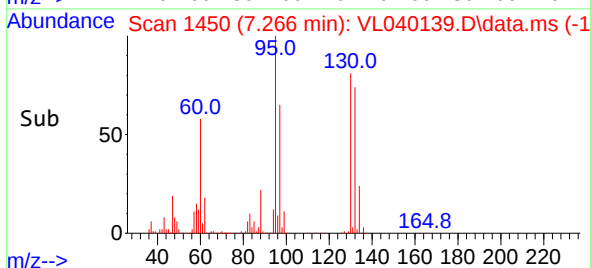
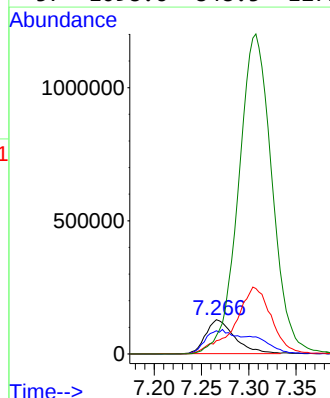
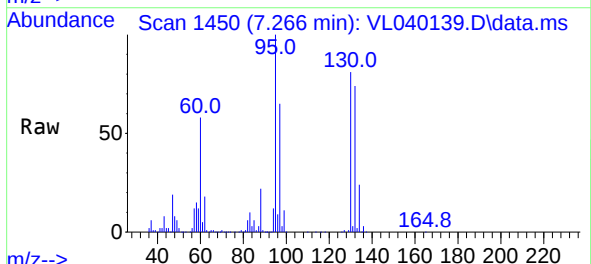
Delta R.T. -0.022 min

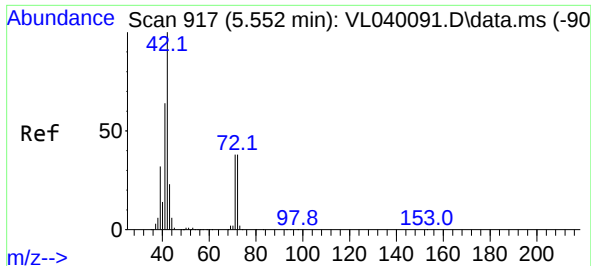
Lab File: VL040139.D

Acq: 31 Jan 2023 8:43

Tgt Ion: 88 Resp: 270444

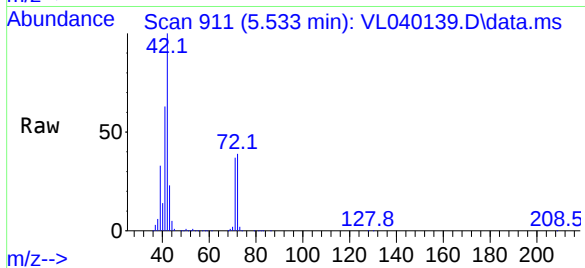
Ion	Ratio	Lower	Upper
88	100		
58	122.0	97.5	146.3
43	249.9	195.0	292.4
57	1098.6	848.5	1272.7





#41
Tetrahydrofuran
Concen: 11.365 ppbv
RT: 5.533 min Scan# 911
Delta R.T. -0.019 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

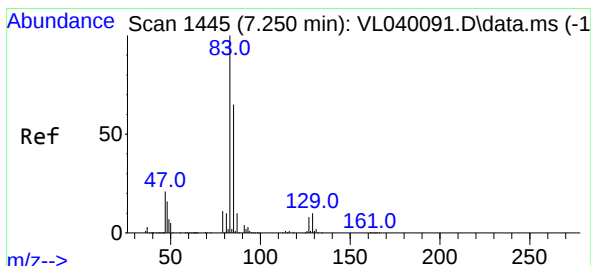
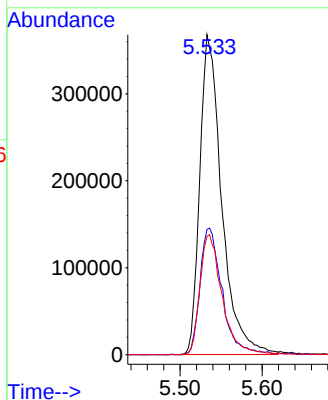
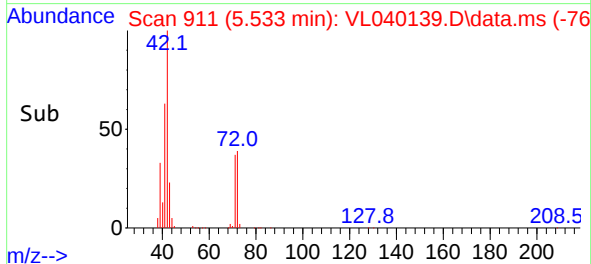
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



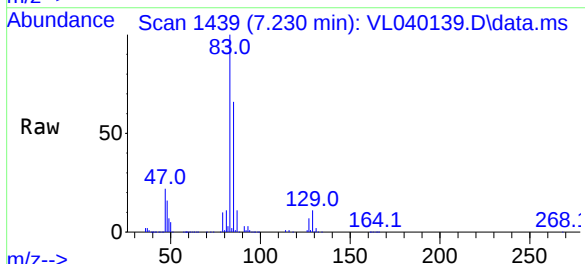
Tgt Ion: 42 Resp: 68228
Ion Ratio Lower Upper
42 100
72 40.2 31.9 47.9
71 38.3 31.4 47.2

Manual Integrations
APPROVED

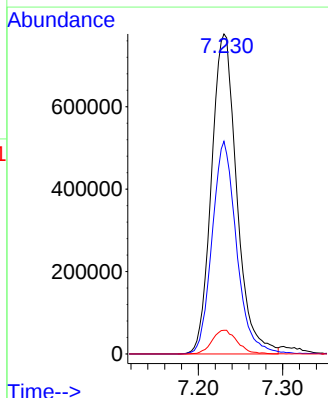
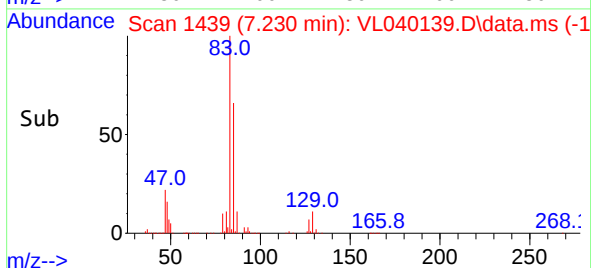
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

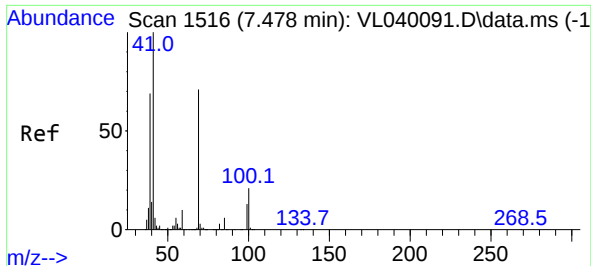


#42
Bromodichloromethane
Concen: 11.442 ppbv
RT: 7.230 min Scan# 1439
Delta R.T. -0.019 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43



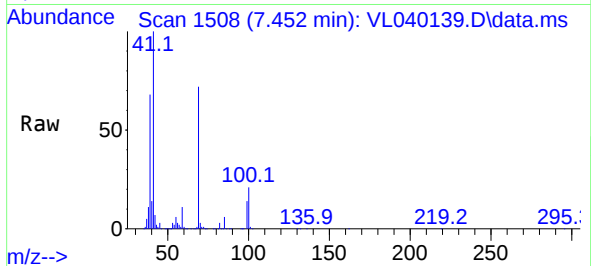
Tgt Ion: 83 Resp: 1615947
Ion Ratio Lower Upper
83 100
85 66.5 51.7 77.5
127 7.4 6.2 9.2





#43
Methyl Methacrylate
Concen: 11.943 ppbv
RT: 7.452 min Scan# 1508
Delta R.T. -0.026 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

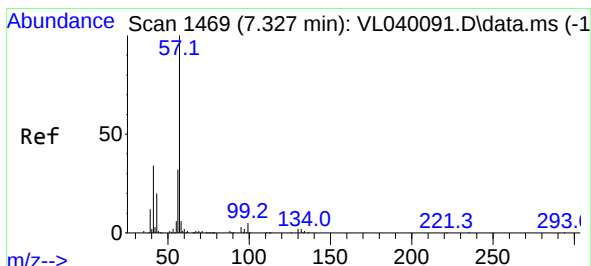
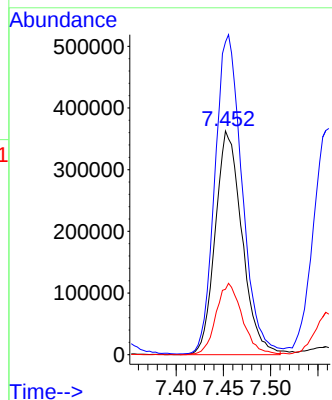
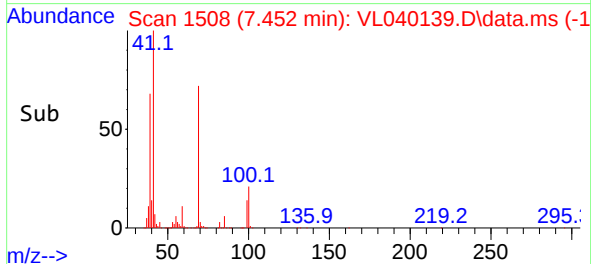
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



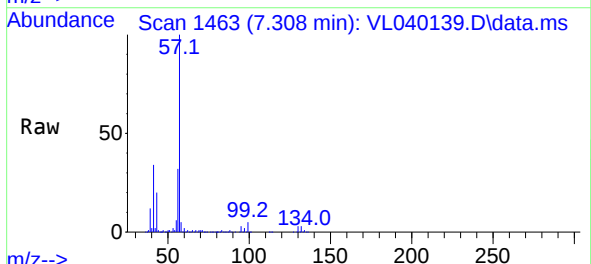
Tgt Ion: 69 Resp: 713152
Ion Ratio Lower Upper
69 100
41 146.0 118.2 177.2
100 31.3 24.2 36.4

Manual Integrations
APPROVED

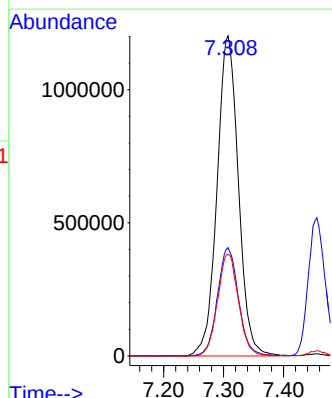
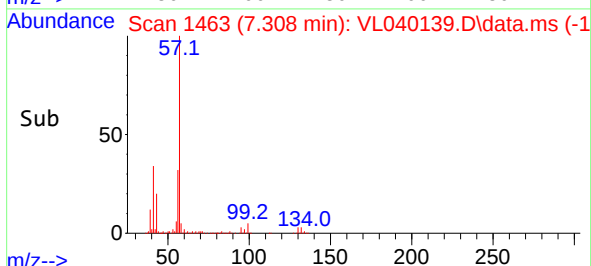
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

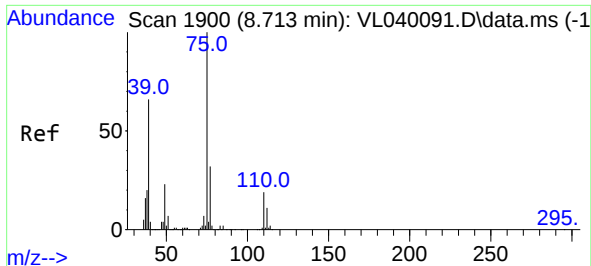


#44
2,2,4-Trimethylpentane
Concen: 10.966 ppbv
RT: 7.308 min Scan# 1463
Delta R.T. -0.019 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43



Tgt Ion: 57 Resp: 2967613
Ion Ratio Lower Upper
57 100
41 33.4 27.1 40.7
56 31.3 25.0 37.4





#45
 t-1,3-Dichloropropene
 Concen: 13.148 ppbv
 RT: 8.693 min Scan# 1716
 Delta R.T. -0.019 min
 Lab File: VL040139.D
 Acq: 31 Jan 2023 8:43

Instrument :

MSVOA_L

ClientSampleId :

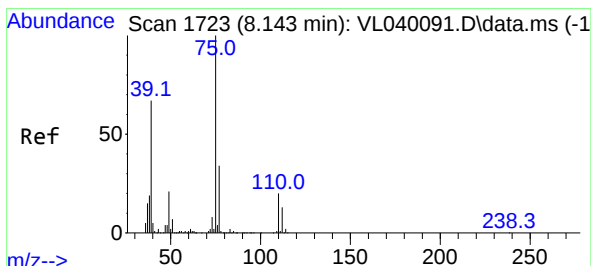
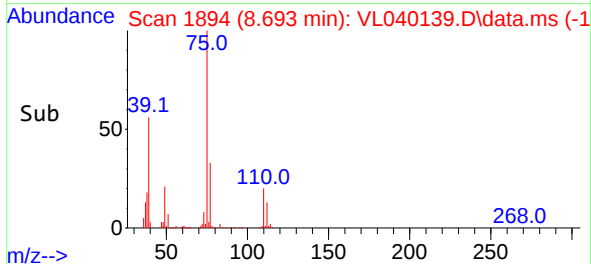
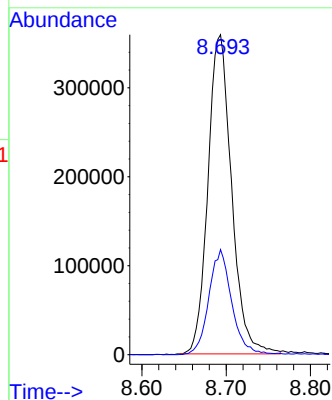
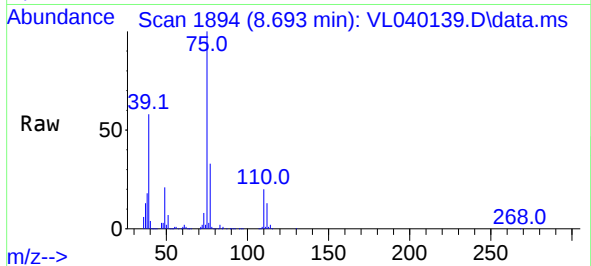
VSTDCCC010EC

Tgt Ion: 75 Resp: 70011
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.6 38.4

Manual Integrations

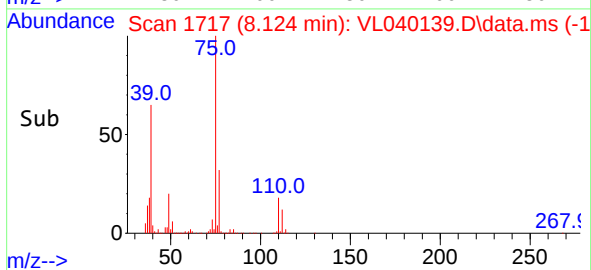
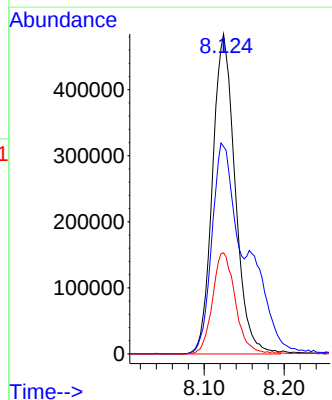
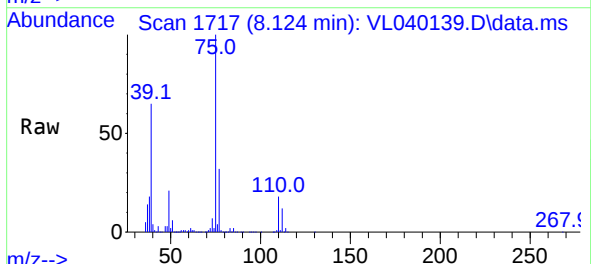
APPROVED

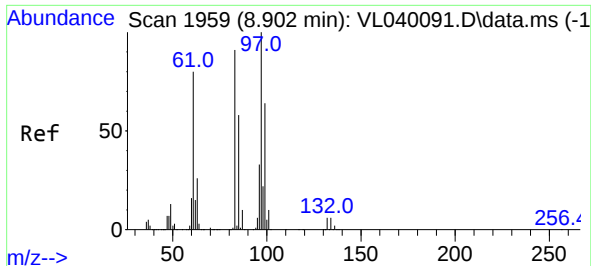
Reviewed By :Semsettin Yesilyurt 01/31/2023
 Supervised By :Mahesh Dadoda 01/31/2023



#46
 cis-1,3-Dichloropropene
 Concen: 13.081 ppbv
 RT: 8.124 min Scan# 1717
 Delta R.T. -0.019 min
 Lab File: VL040139.D
 Acq: 31 Jan 2023 8:43

Tgt Ion: 75 Resp: 951770
 Ion Ratio Lower Upper
 75 100
 39 64.7 53.6 80.4
 77 31.6 26.9 40.3





#47

1,1,2-Trichloroethane

Concen: 11.113 ppbv

RT: 8.883 min Scan# 1953

Delta R.T. -0.019 min

Lab File: VL040139.D

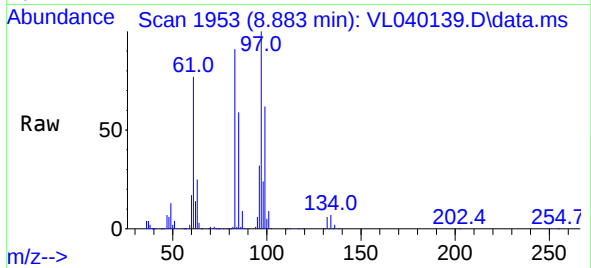
Acq: 31 Jan 2023 8:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 97 Resp: 744750

Ion Ratio Lower Upper

97 100

83 91.1 72.9 109.3

85 58.5 46.0 69.0

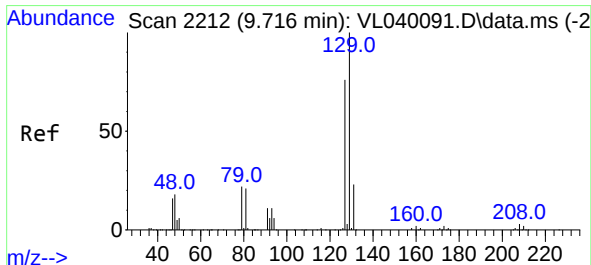
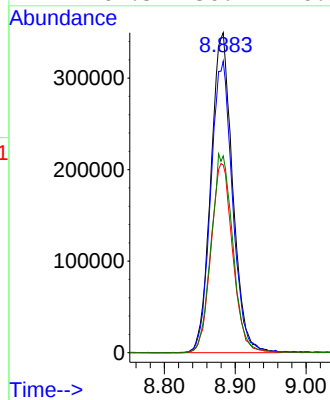
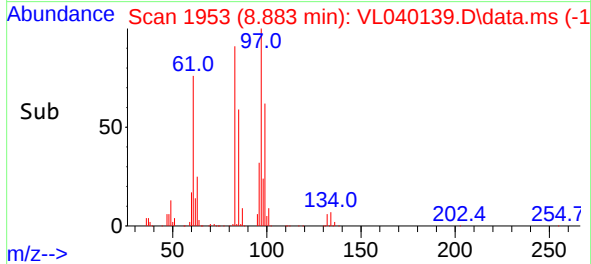
99 61.5 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023



#48

Dibromochloromethane

Concen: 12.032 ppbv

RT: 9.693 min Scan# 2205

Delta R.T. -0.022 min

Lab File: VL040139.D

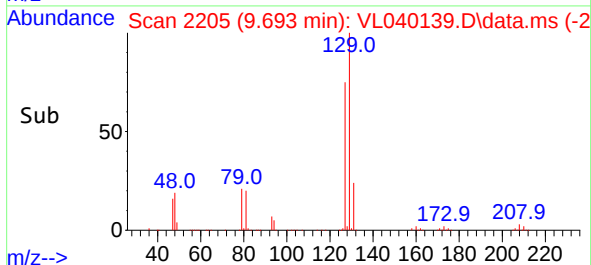
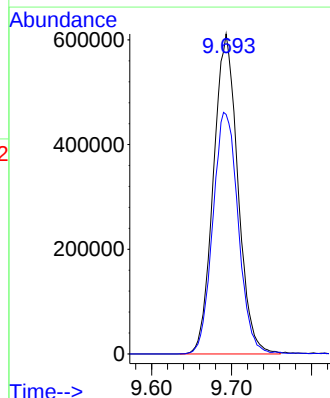
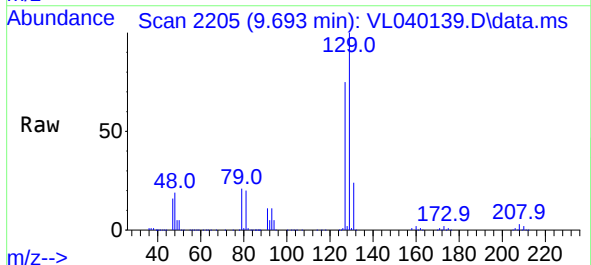
Acq: 31 Jan 2023 8:43

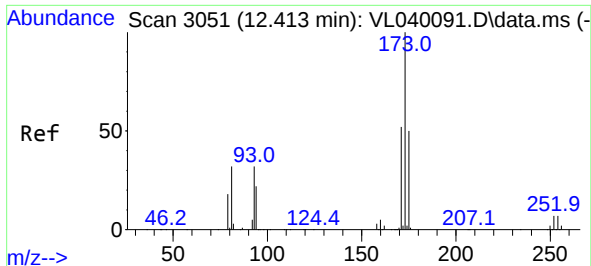
Tgt Ion:129 Resp: 1295858

Ion Ratio Lower Upper

129 100

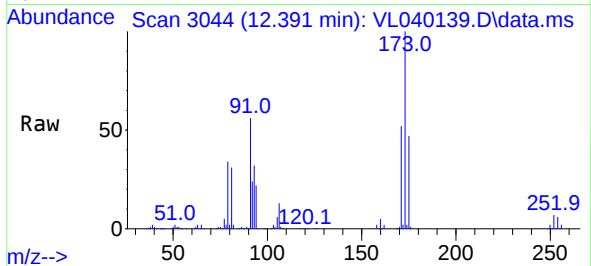
127 78.6 39.3 117.9





#49
Bromoform
Concen: 12.184 ppbv
RT: 12.391 min Scan# 3051
Delta R.T. -0.022 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

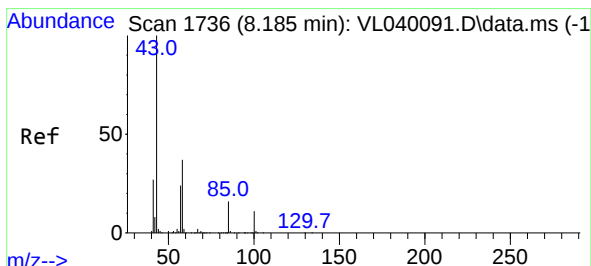
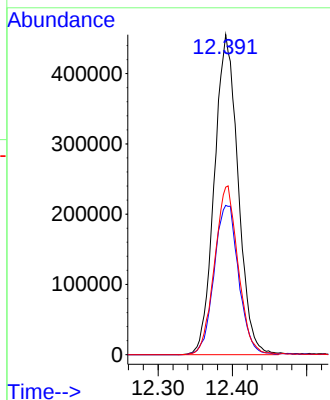
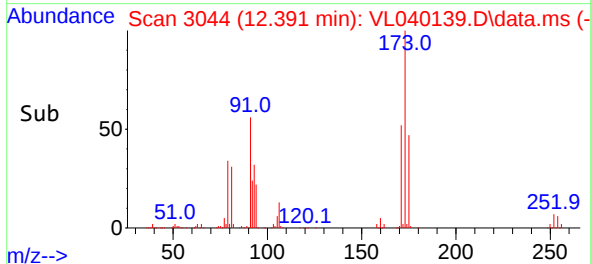
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:173 Resp: 101092
Ion Ratio Lower Upper
173 100
175 48.3 39.7 59.5
171 52.7 42.2 63.2

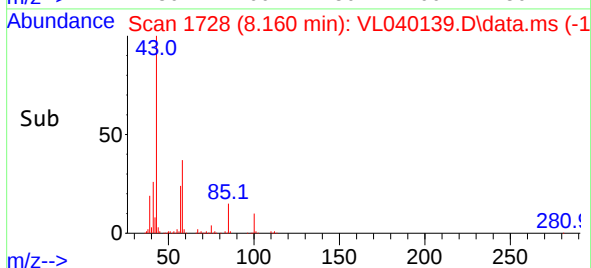
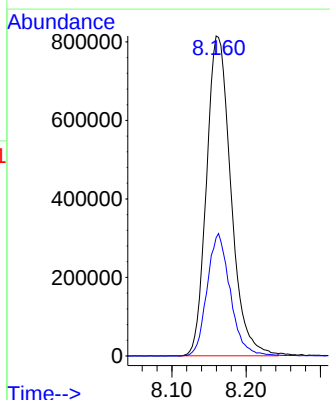
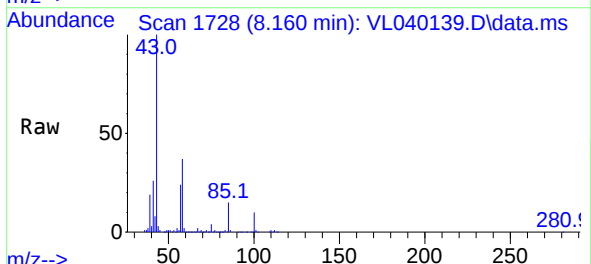
Manual Integrations
APPROVED

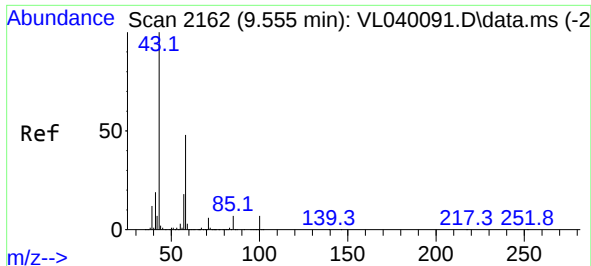
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#50
4-Methyl-2-Pentanone
Concen: 11.374 ppbv
RT: 8.160 min Scan# 1728
Delta R.T. -0.026 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

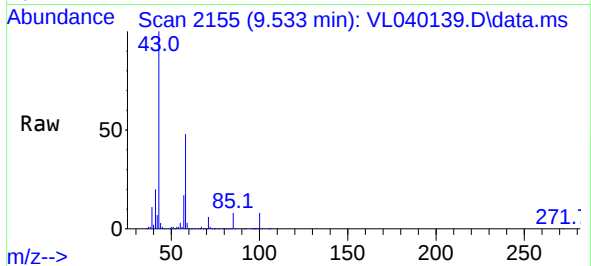
Tgt Ion: 43 Resp: 1860846
Ion Ratio Lower Upper
43 100
58 36.4 28.8 43.2





#51
2-Hexanone
Concen: 11.858 ppbv
RT: 9.533 min Scan# 2162
Delta R.T. -0.022 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

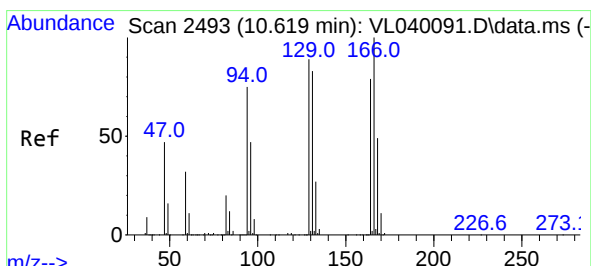
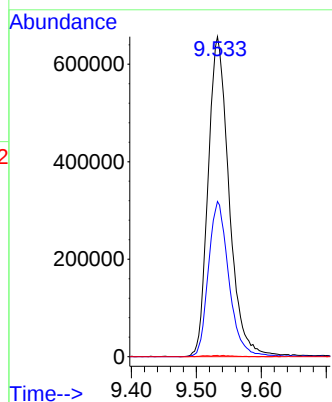
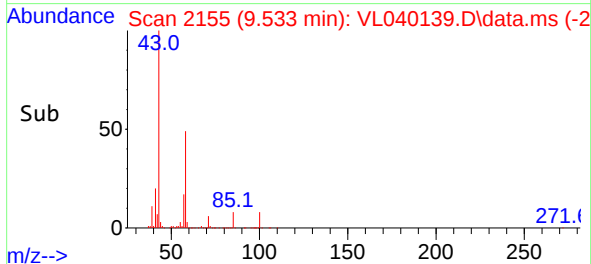
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



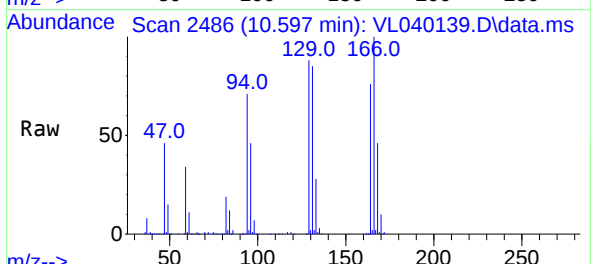
Tgt Ion: 43 Resp: 1469744
Ion Ratio Lower Upper
43 100
58 47.5 37.5 56.3
98 0.5 0.4 0.6

Manual Integrations
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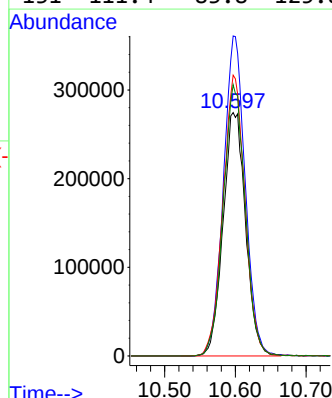
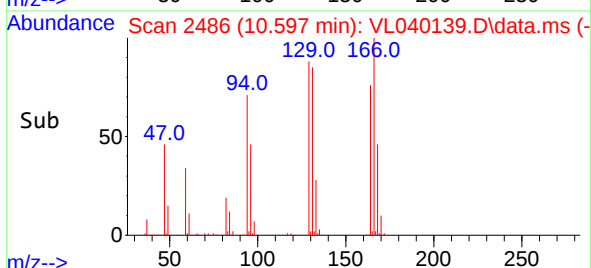
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

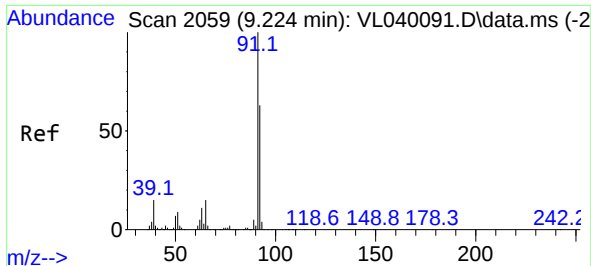


#52
Tetrachloroethene
Concen: 11.391 ppbv m
RT: 10.597 min Scan# 2486
Delta R.T. -0.022 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43



Tgt Ion:164 Resp: 606382
Ion Ratio Lower Upper
164 100
166 131.5 101.2 151.8
129 115.4 90.2 135.2
131 111.4 83.8 125.8





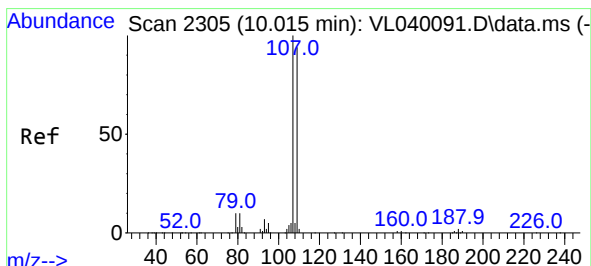
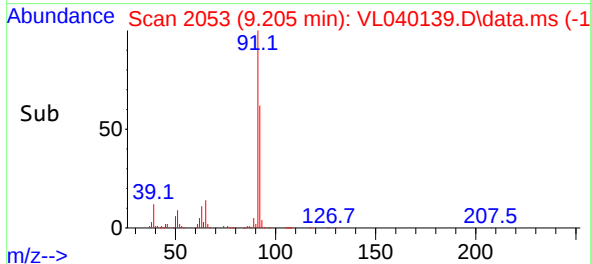
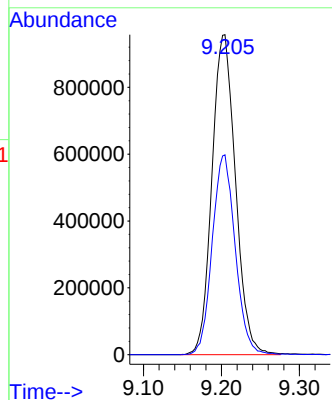
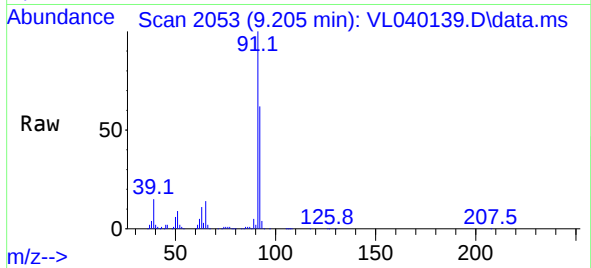
#53
Toluene
Concen: 11.587 ppbv
RT: 9.205 min Scan# 2059
Delta R.T. -0.019 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 201106
Ion Ratio Lower Upper
91 100
92 61.1 48.3 72.5

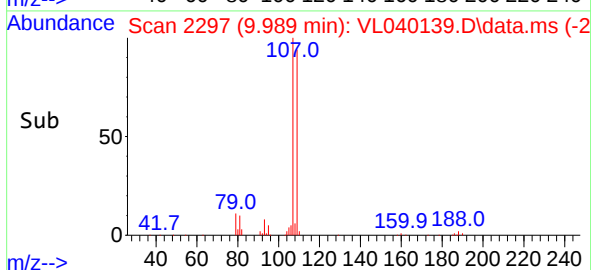
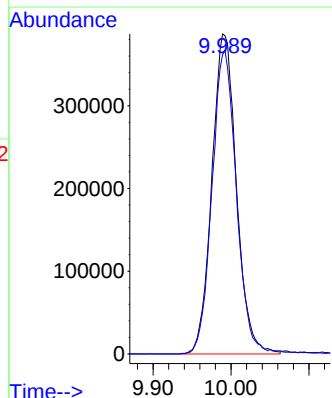
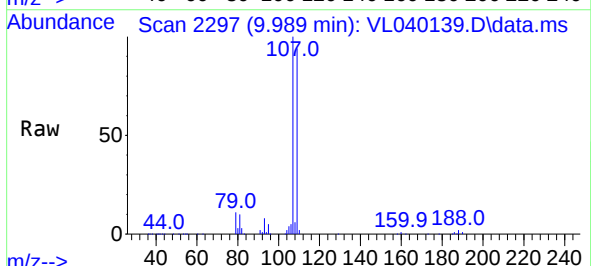
Manual Integrations
APPROVED

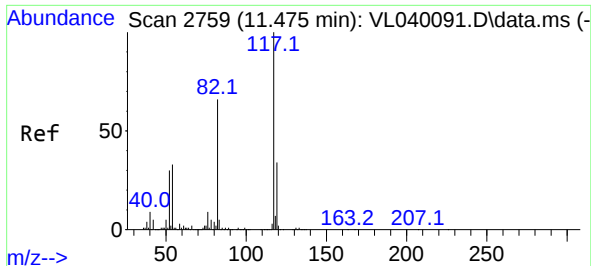
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#54
1,2-Dibromoethane
Concen: 12.035 ppbv
RT: 9.989 min Scan# 2297
Delta R.T. -0.026 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

Tgt Ion:107 Resp: 844377
Ion Ratio Lower Upper
107 100
109 93.5 75.0 112.4





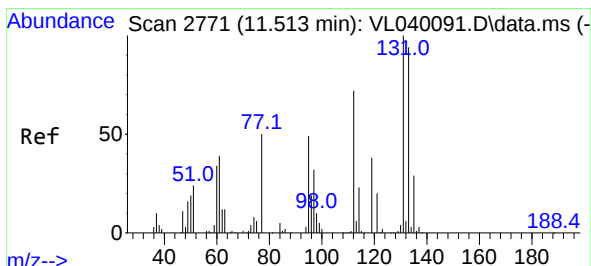
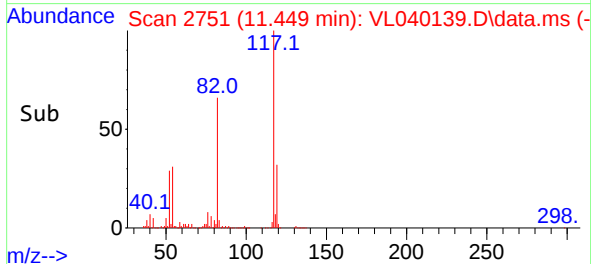
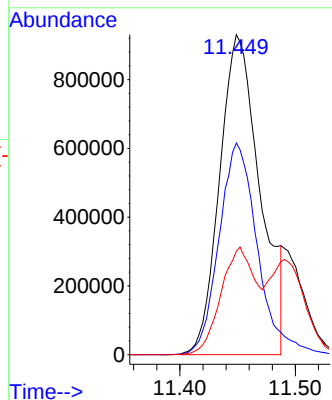
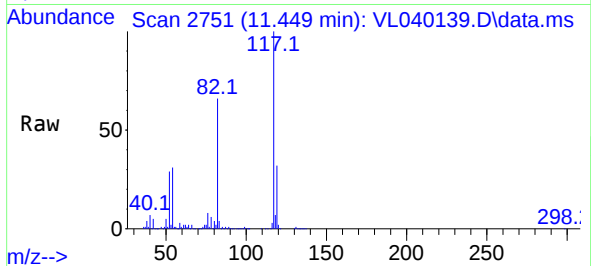
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.449 min Scan# 21
Delta R.T. -0.026 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 2262688
Ion Ratio Lower Upper
117 100
82 63.4 54.4 81.6
119 30.8 26.8 40.2

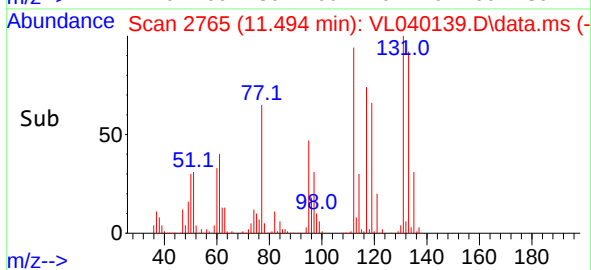
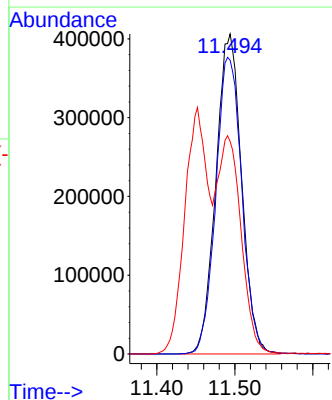
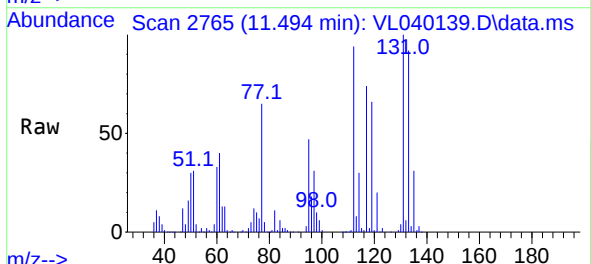
Manual Integrations
APPROVED

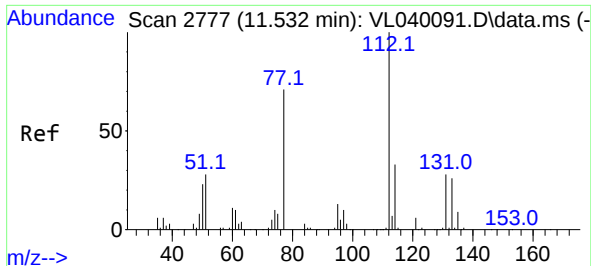
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 10.559 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. -0.019 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

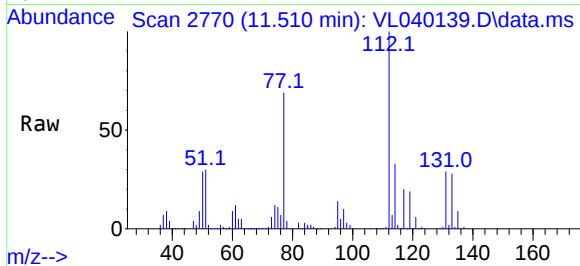
Tgt Ion:131 Resp: 929844
Ion Ratio Lower Upper
131 100
133 94.1 75.6 113.4
119 63.7 47.2 70.8





#57
Chlorobenzene
Concen: 10.167 ppbv
RT: 11.510 min Scan# 21
Delta R.T. -0.022 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

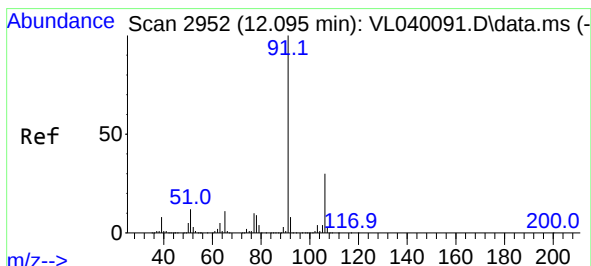
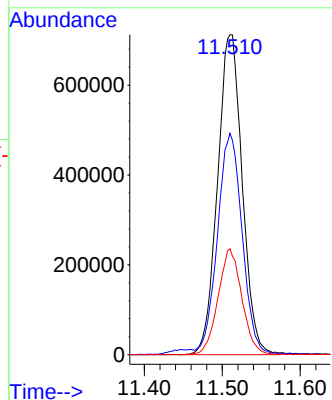
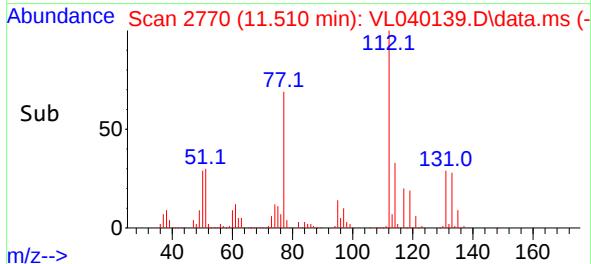
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



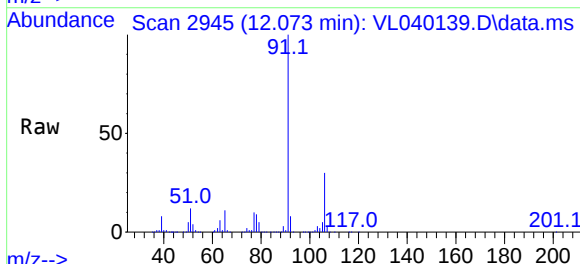
Tgt Ion:112 Resp: 1568149
Ion Ratio Lower Upper
112 100
77 68.8 57.3 85.9
114 33.1 29.6 36.2

Manual Integrations
APPROVED

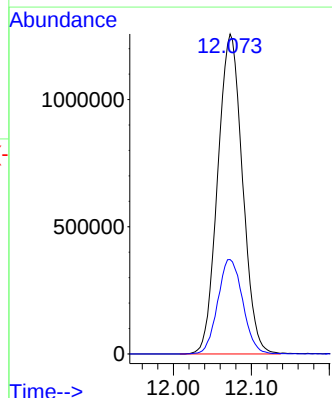
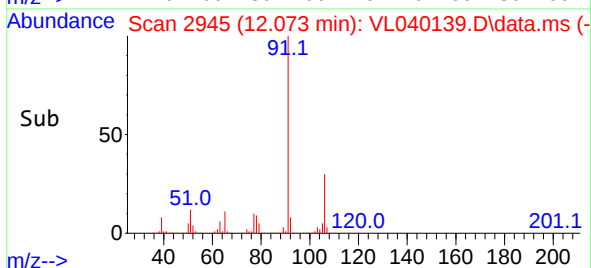
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

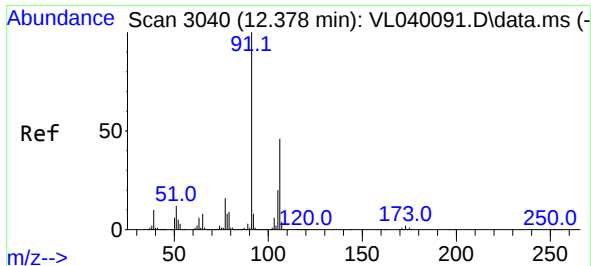


#58
Ethyl Benzene
Concen: 10.981 ppbv
RT: 12.073 min Scan# 2945
Delta R.T. -0.022 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43



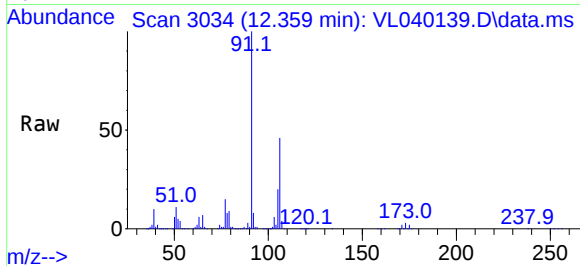
Tgt Ion: 91 Resp: 2772824
Ion Ratio Lower Upper
91 100
106 29.5 23.7 35.5





#59
m/p-Xylene
Concen: 21.061 ppbv m
RT: 12.359 min Scan# 3040
Delta R.T. -0.019 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

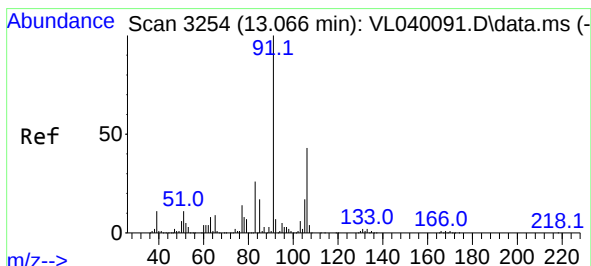
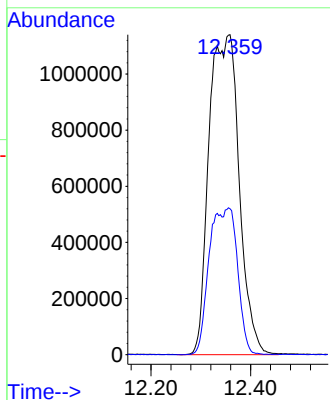
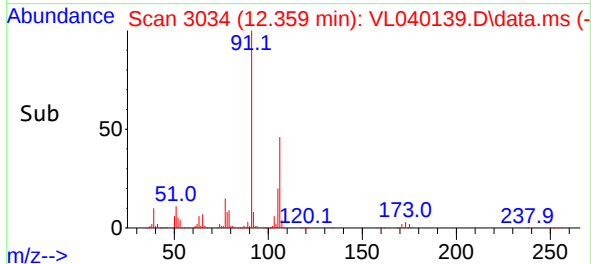
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



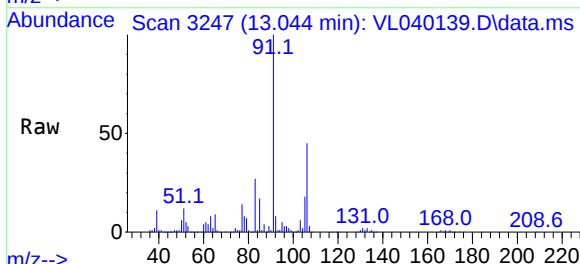
Tgt Ion: 91 Resp: 4781594
Ion Ratio Lower Upper
91 100
106 43.0 34.2 51.4

Manual Integrations
APPROVED

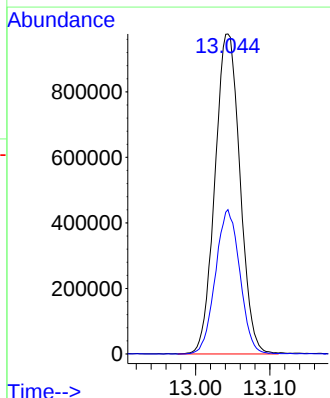
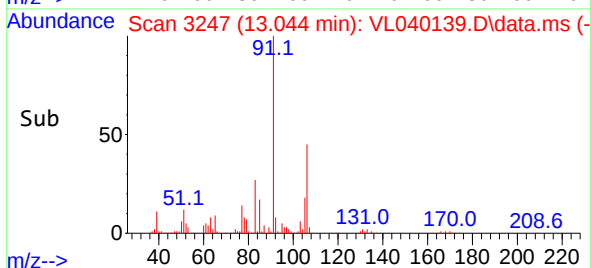
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

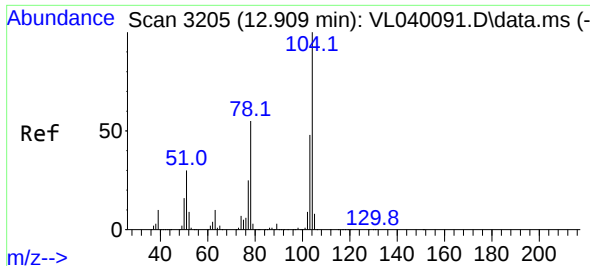


#60
o-Xylene
Concen: 10.616 ppbv
RT: 13.044 min Scan# 3247
Delta R.T. -0.022 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43



Tgt Ion: 91 Resp: 2287765
Ion Ratio Lower Upper
91 100
106 44.1 21.6 64.8





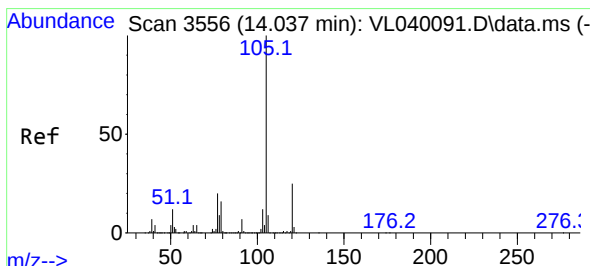
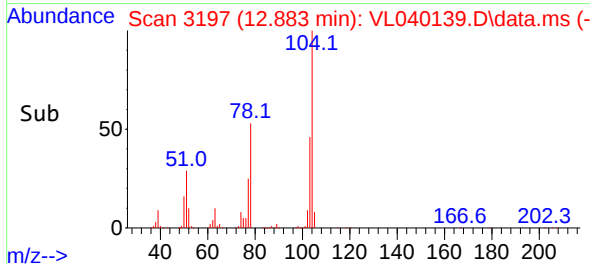
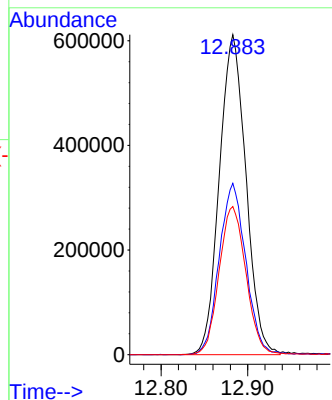
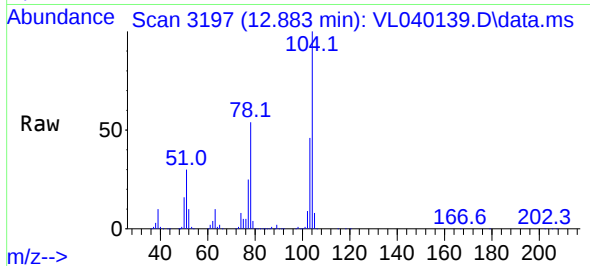
#61
Styrene
Concen: 11.603 ppbv
RT: 12.883 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:104 Resp: 1302974
Ion Ratio Lower Upper
104 100
78 53.9 44.0 66.0
103 47.0 37.8 56.6

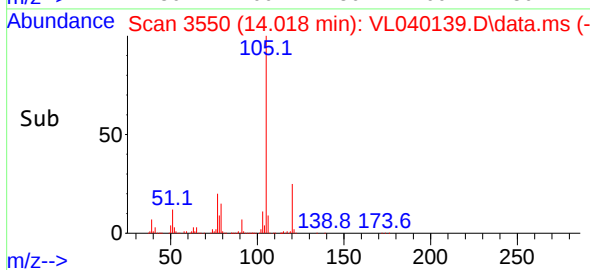
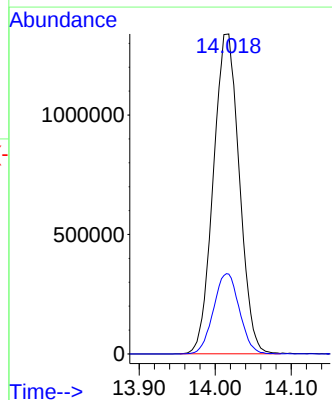
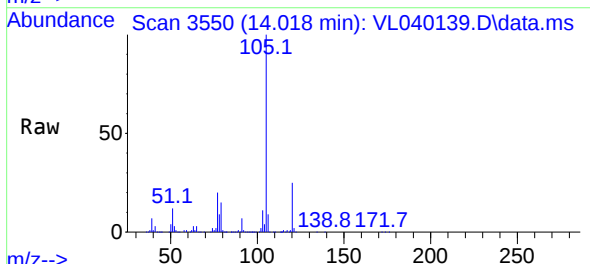
Manual Integrations
APPROVED

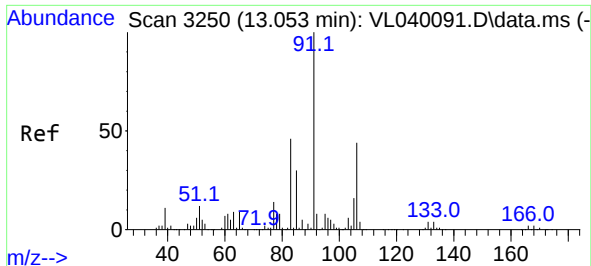
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#62
Isopropylbenzene
Concen: 10.264 ppbv
RT: 14.018 min Scan# 3550
Delta R.T. -0.019 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

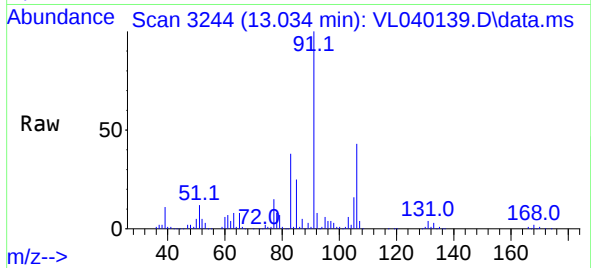
Tgt Ion:105 Resp: 3181377
Ion Ratio Lower Upper
105 100
120 25.1 20.2 30.2





#63
1,1,2,2-Tetrachloroethane
Concen: 9.640 ppbv
RT: 13.034 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

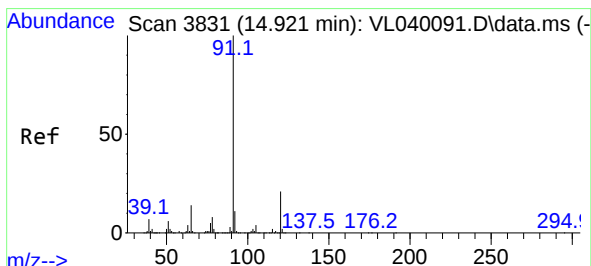
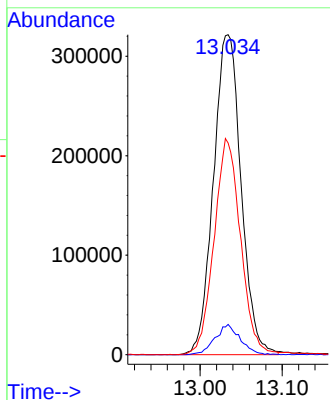
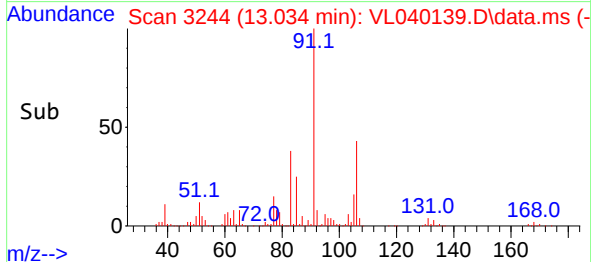
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



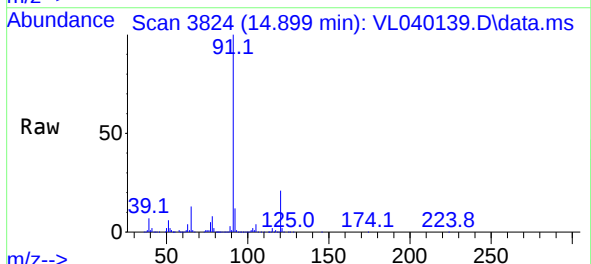
Tgt Ion: 83 Resp: 754274
Ion Ratio Lower Upper
83 100
131 8.6 4.3 13.1
85 65.2 32.5 97.5

Manual Integrations
APPROVED

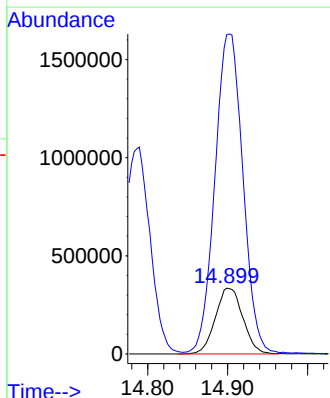
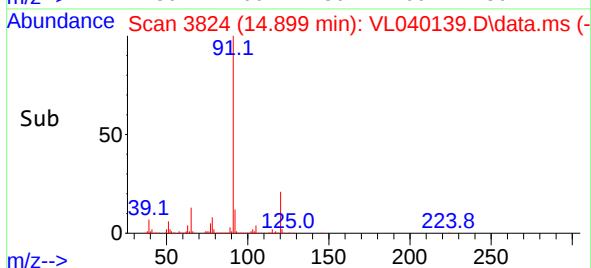
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

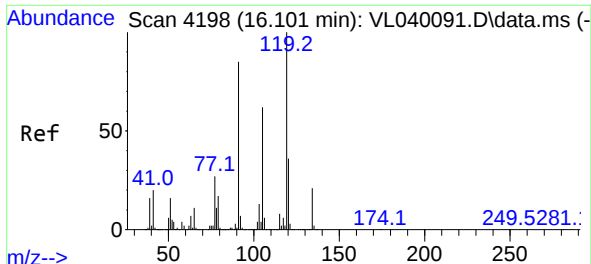


#64
n-propylbenzene
Concen: 10.365 ppbv
RT: 14.899 min Scan# 3824
Delta R.T. -0.022 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43



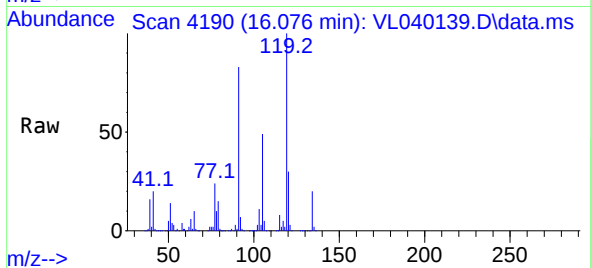
Tgt Ion:120 Resp: 798628
Ion Ratio Lower Upper
120 100
91 498.4 397.0 595.4





#65
tert-Butylbenzene
Concen: 10.328 ppbv
RT: 16.076 min Scan# 4198
Delta R.T. -0.026 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

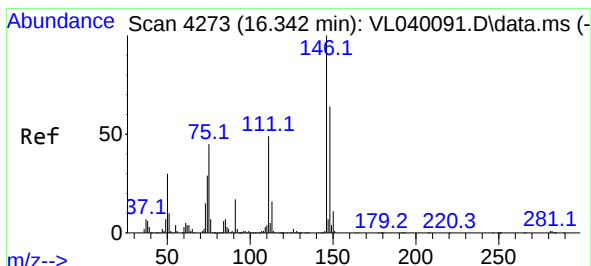
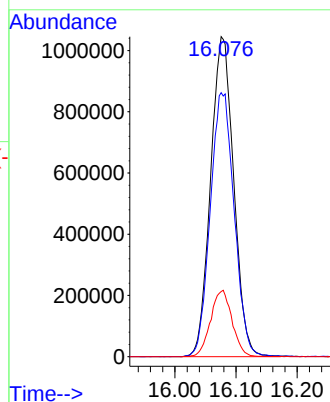
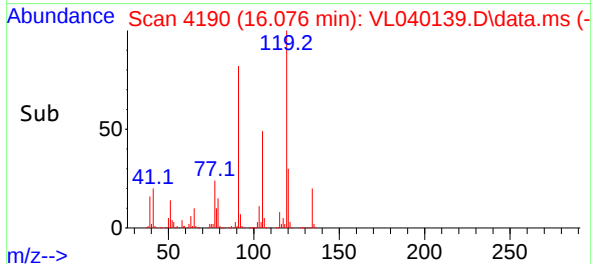
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 119 Resp: 274091
Ion Ratio Lower Upper
119 100
91 85.8 69.5 104.3
134 19.4 15.8 23.8

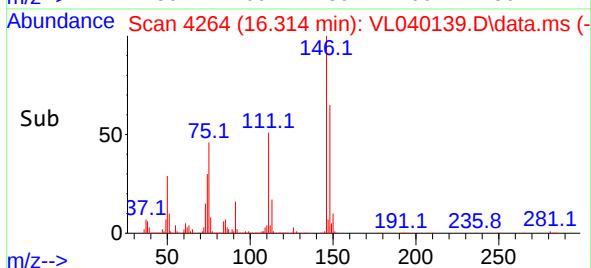
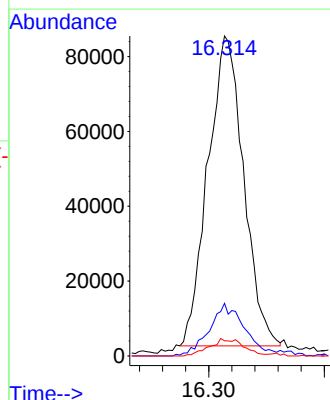
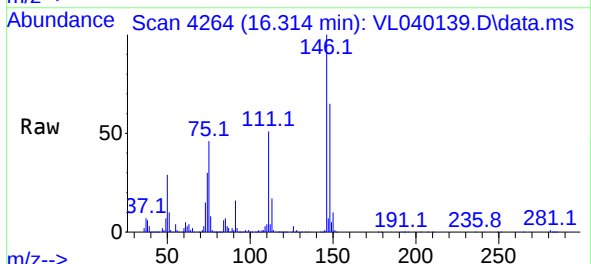
Manual Integrations
APPROVED

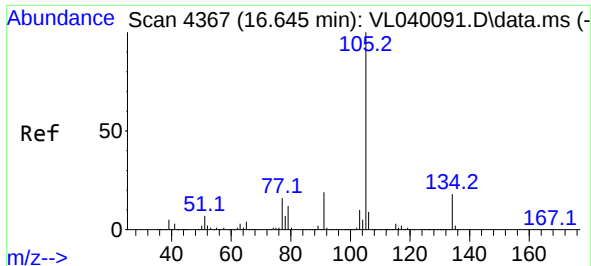
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#66
Benzyl Chloride
Concen: 9.796 ppbv
RT: 16.314 min Scan# 4264
Delta R.T. -0.029 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

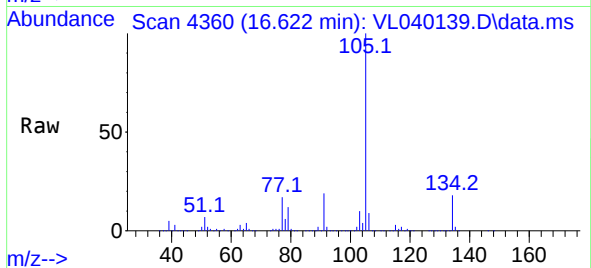
Tgt Ion: 91 Resp: 177658
Ion Ratio Lower Upper
91 100
126 17.6 11.5 17.3#
128 5.5 0.0 0.0#





#67
 sec-Butylbenzene
 Concen: 10.214 ppbv
 RT: 16.622 min Scan# 41
 Delta R.T. -0.022 min
 Lab File: VL040139.D
 Acq: 31 Jan 2023 8:43

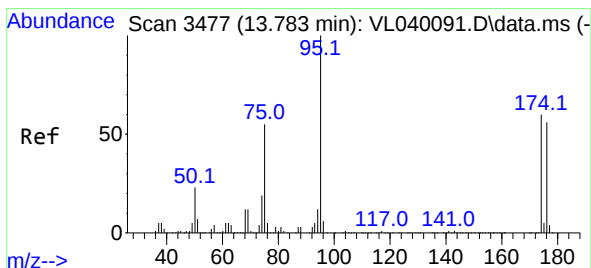
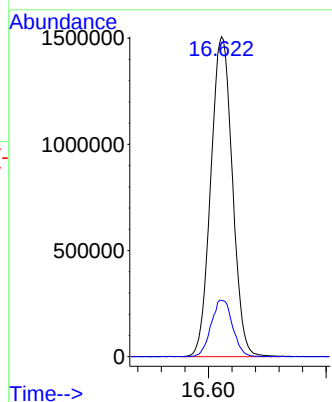
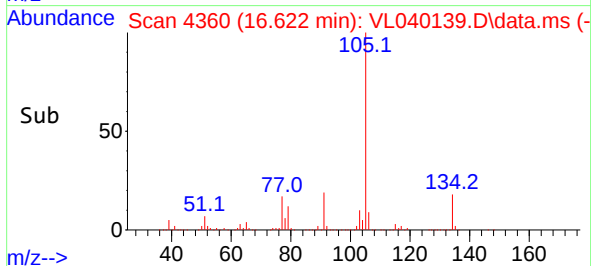
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



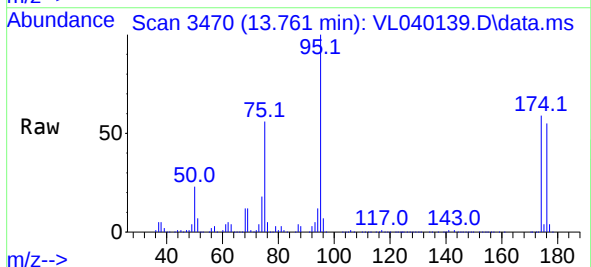
Tgt Ion:105 Resp: 384266
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.1 21.1

Manual Integrations
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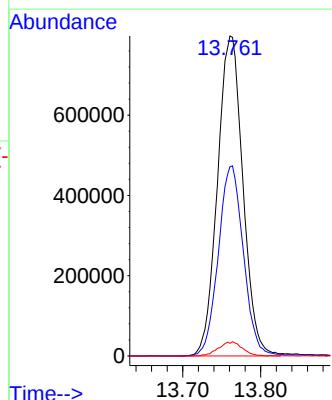
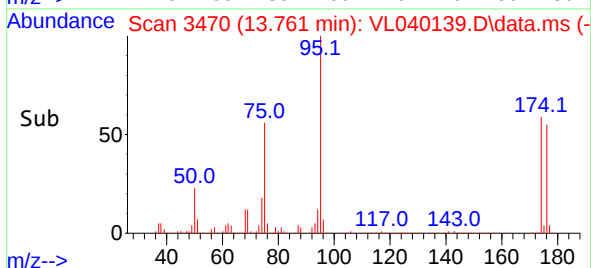
Reviewed By :Semsettin Yesilyurt 01/31/2023
 Supervised By :Mahesh Dadoda 01/31/2023

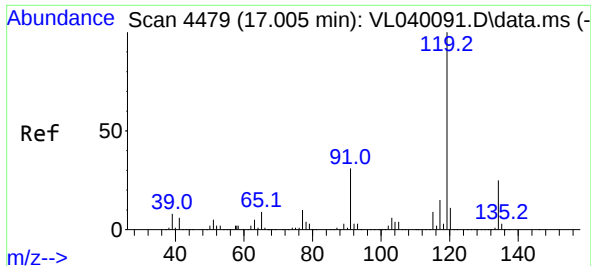


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.605 ppbv
 RT: 13.761 min Scan# 3470
 Delta R.T. -0.022 min
 Lab File: VL040139.D
 Acq: 31 Jan 2023 8:43



Tgt Ion: 95 Resp: 1806209
 Ion Ratio Lower Upper
 95 100
 174 58.7 47.7 71.5
 175 4.2 3.4 5.2





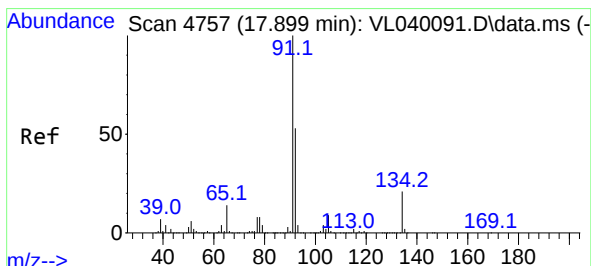
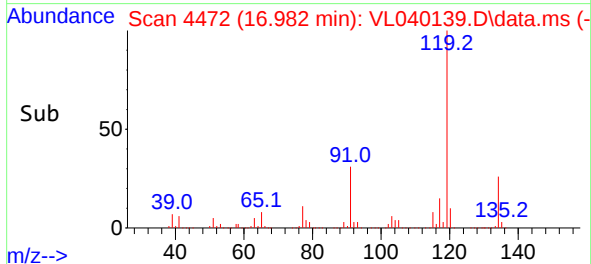
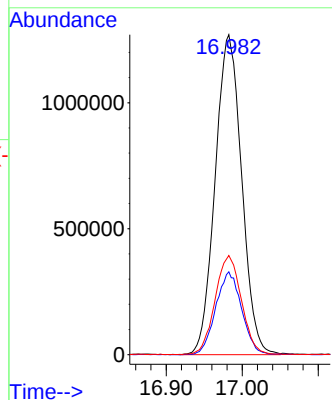
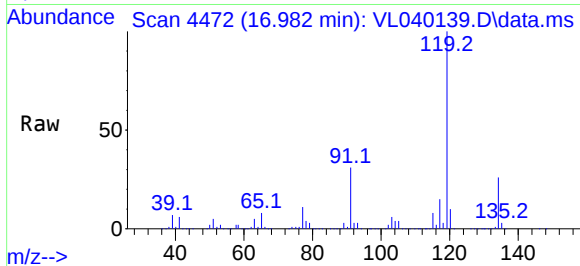
#69
p-Isopropyltoluene
Concen: 10.395 ppbv
RT: 16.982 min Scan# 4479
Delta R.T. -0.022 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 307311
Ion Ratio Lower Upper
119 100
134 25.5 20.1 30.1
91 30.7 25.0 37.4

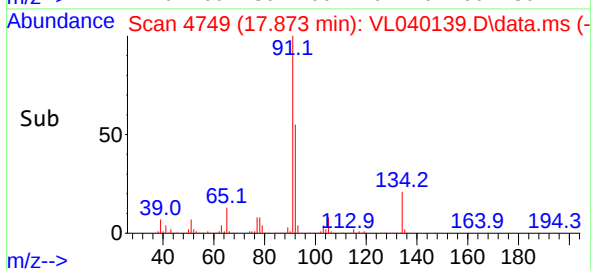
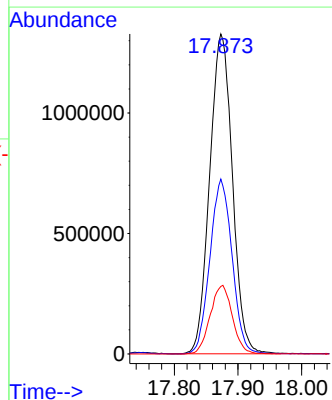
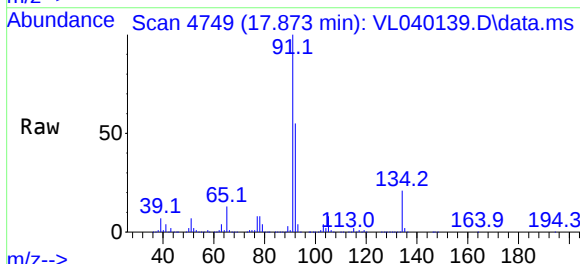
Manual Integrations
APPROVED

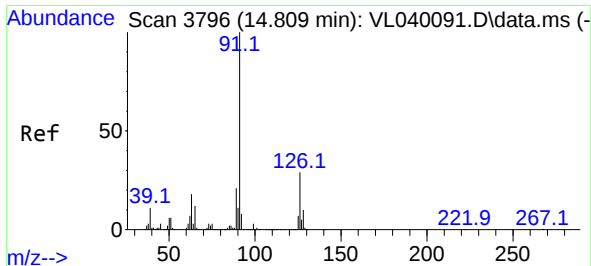
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#70
n-Butylbenzene
Concen: 10.345 ppbv
RT: 17.873 min Scan# 4749
Delta R.T. -0.026 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

Tgt Ion: 91 Resp: 3298141
Ion Ratio Lower Upper
91 100
92 53.4 42.8 64.2
134 21.0 16.9 25.3





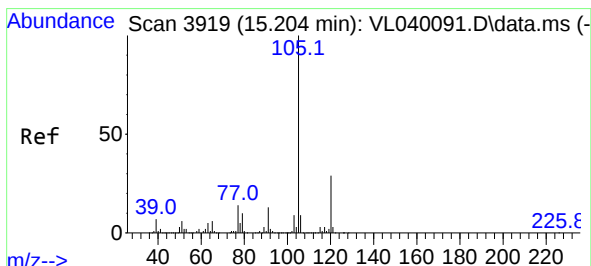
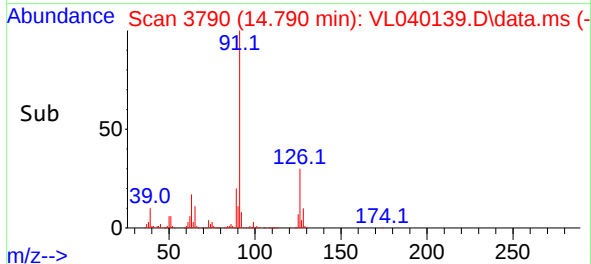
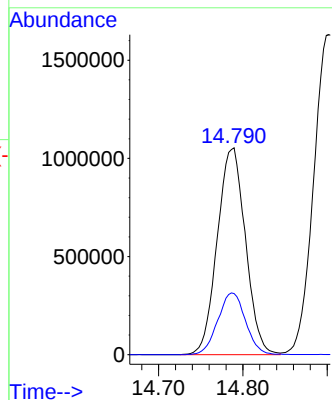
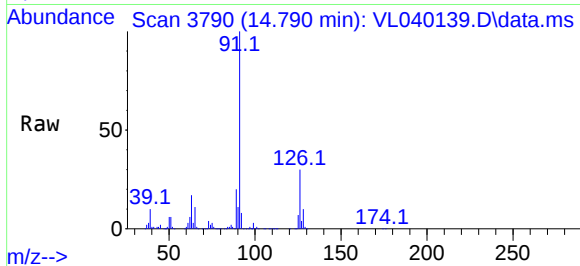
#71
2-Chlorotoluene
Concen: 10.255 ppbv
RT: 14.790 min Scan# 3111
Delta R.T. -0.019 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 2444820
Ion Ratio Lower Upper
91 100
126 29.6 11.9 47.5

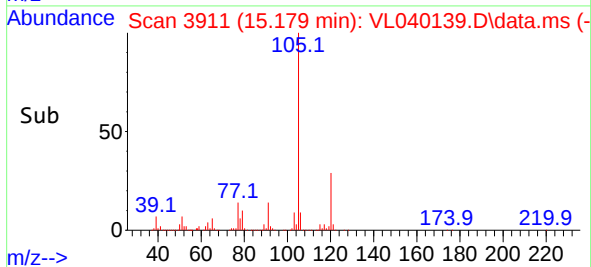
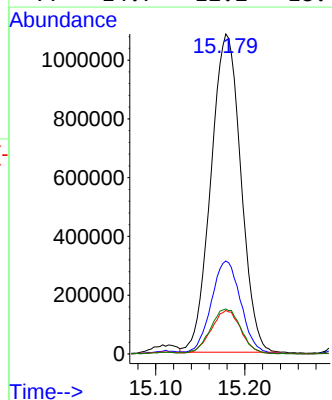
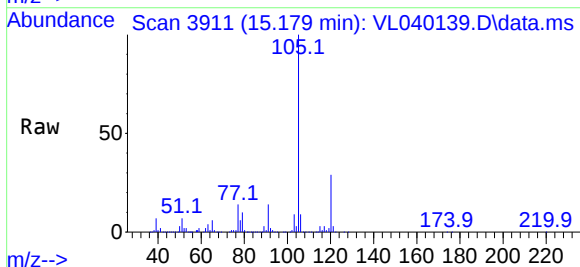
Manual Integrations
APPROVED

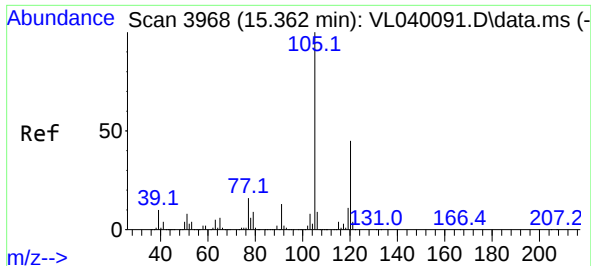
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#72
4-Ethyltoluene
Concen: 10.578 ppbv
RT: 15.179 min Scan# 3911
Delta R.T. -0.026 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

Tgt Ion:105 Resp: 2529512
Ion Ratio Lower Upper
105 100
120 30.0 23.1 34.7
91 13.6 11.2 16.8
77 14.7 12.2 18.4





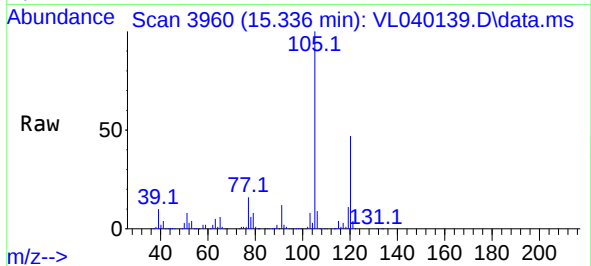
#73
1,3,5-Trimethylbenzene
Concen: 10.348 ppbv
RT: 15.336 min Scan# 3968
Delta R.T. -0.026 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

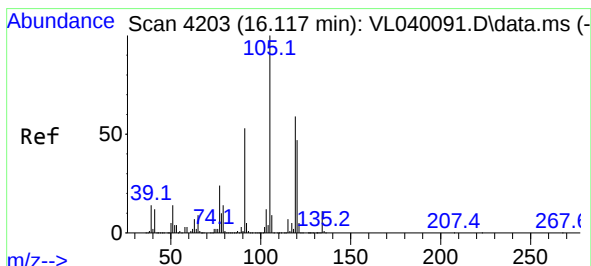
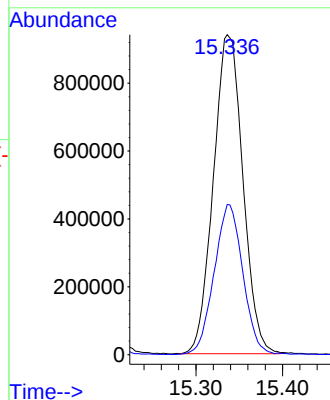
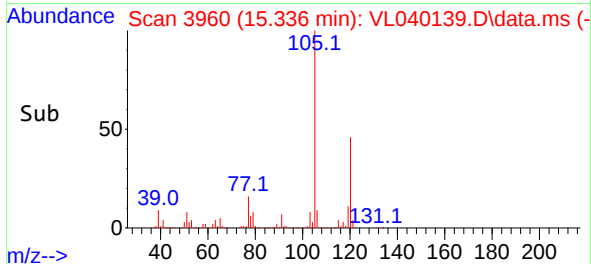


Tgt Ion:105 Resp: 222797
Ion Ratio Lower Upper
105 100
120 46.9 36.2 54.4

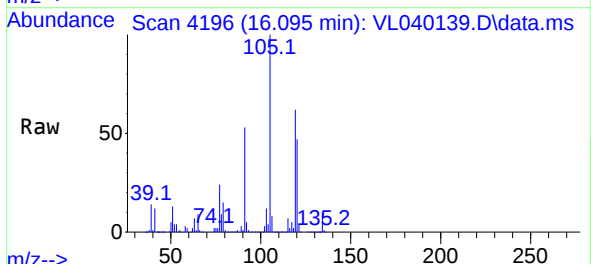
Manual Integrations

APPROVED

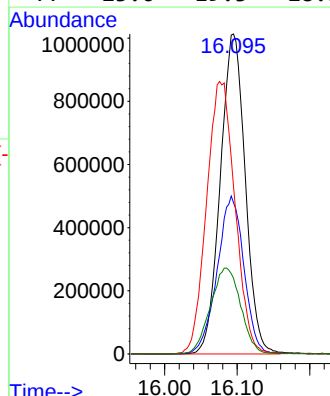
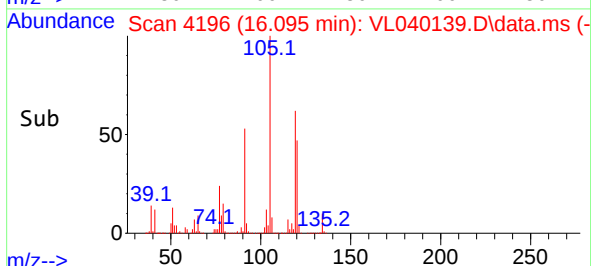
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

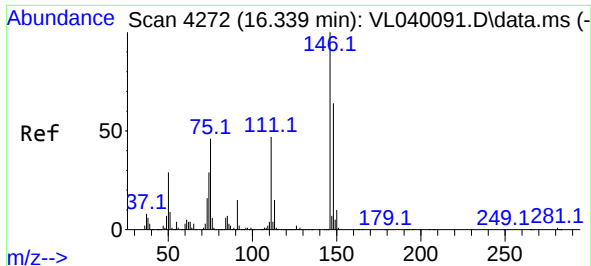


#74
1,2,4-Trimethylbenzene
Concen: 10.144 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. -0.022 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43



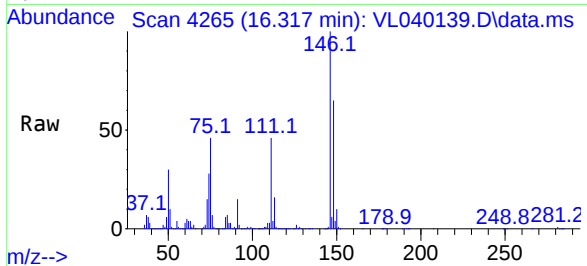
Tgt Ion:105 Resp: 2419501
Ion Ratio Lower Upper
105 100
120 47.3 38.0 57.0
91 52.3 42.1 63.1
77 23.6 19.3 28.9





#75
1,3-Dichlorobenzene
Concen: 9.960 ppbv
RT: 16.317 min Scan# 4109
Delta R.T. -0.022 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

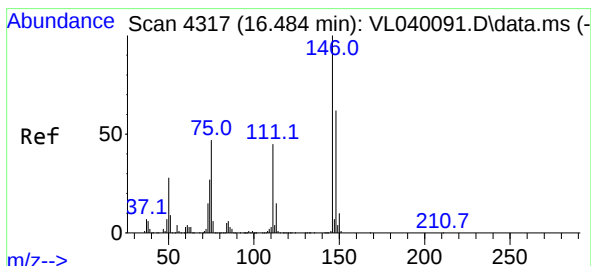
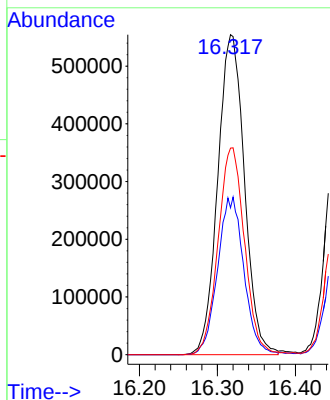
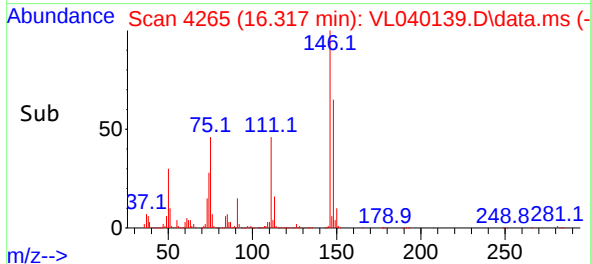
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



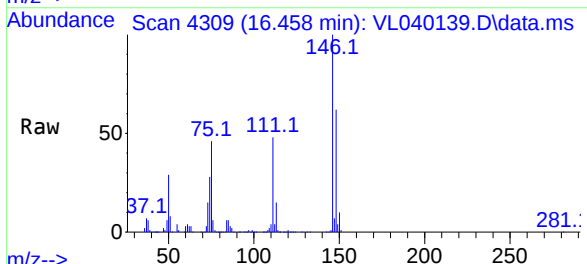
Tgt Ion:146 Resp: 131937
Ion Ratio Lower Upper
146 100
111 48.8 24.3 73.0
148 64.1 32.3 96.8

Manual Integrations
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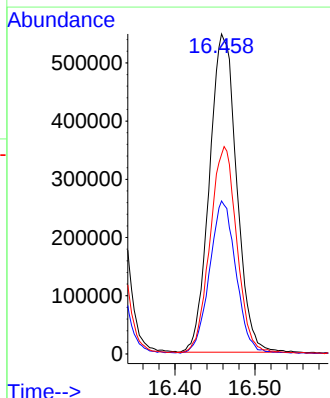
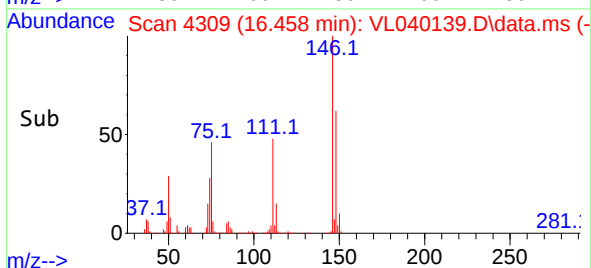
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

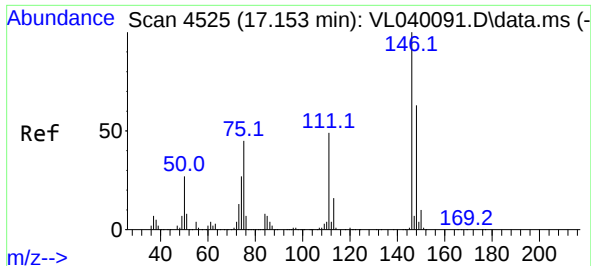


#76
1,4-Dichlorobenzene
Concen: 9.909 ppbv
RT: 16.458 min Scan# 4309
Delta R.T. -0.026 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43



Tgt Ion:146 Resp: 1290571
Ion Ratio Lower Upper
146 100
111 47.0 23.8 71.2
148 64.7 32.8 98.4





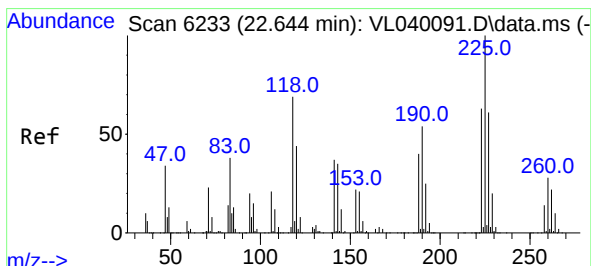
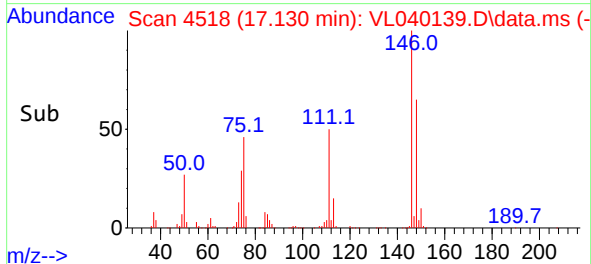
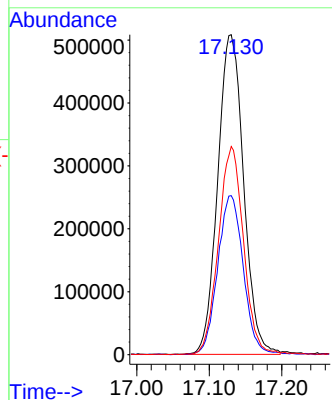
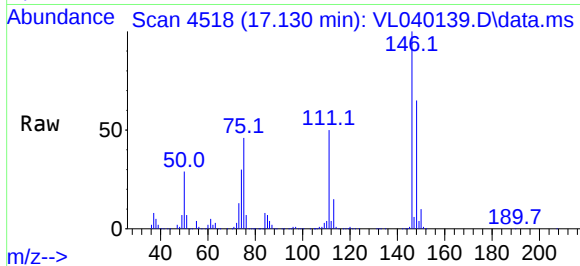
#77
1,2-Dichlorobenzene
Concen: 9.952 ppbv
RT: 17.130 min Scan# 4518
Delta R.T. -0.022 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:146 Resp: 126065
Ion Ratio Lower Upper
146 100
111 49.4 25.1 75.2
148 63.3 32.4 97.0

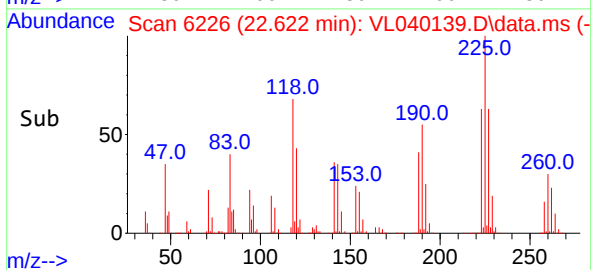
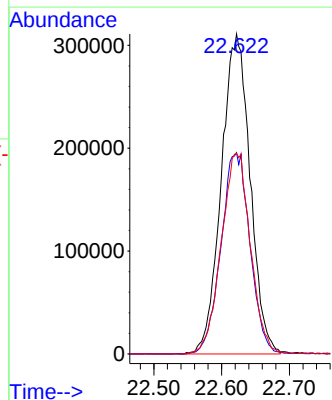
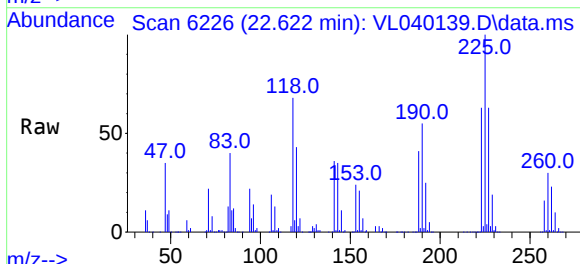
Manual Integrations
APPROVED

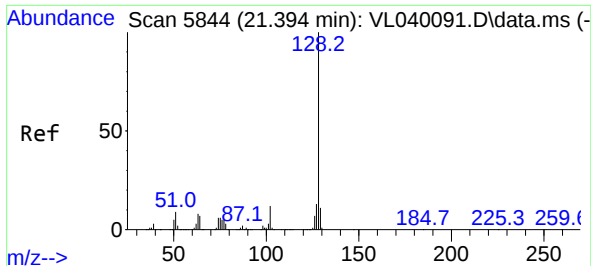
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#78
Hexachloro-1,3-Butadiene
Concen: 9.880 ppbv
RT: 22.622 min Scan# 6226
Delta R.T. -0.022 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

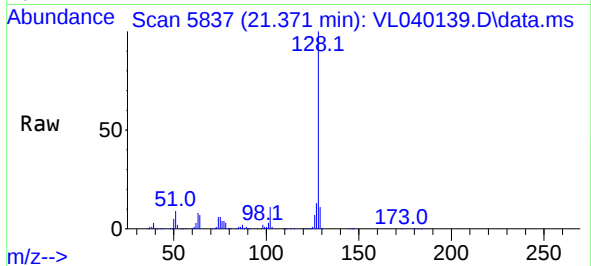
Tgt Ion:225 Resp: 916779
Ion Ratio Lower Upper
225 100
223 63.5 51.5 77.3
227 63.8 50.6 76.0





#79
Naphthalene
Concen: 14.584 ppbv m
RT: 21.371 min Scan# 5844
Delta R.T. -0.022 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43

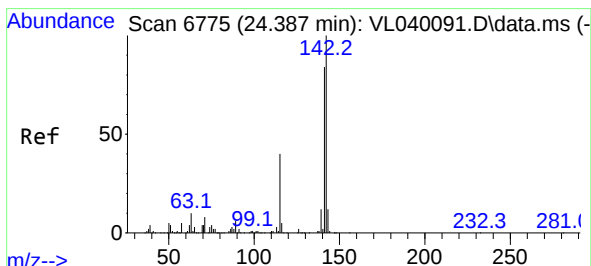
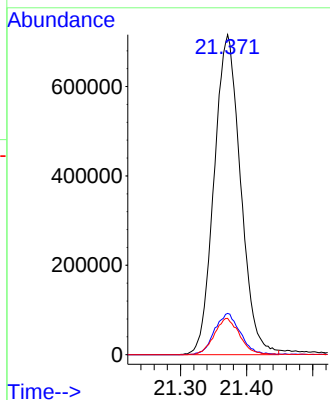
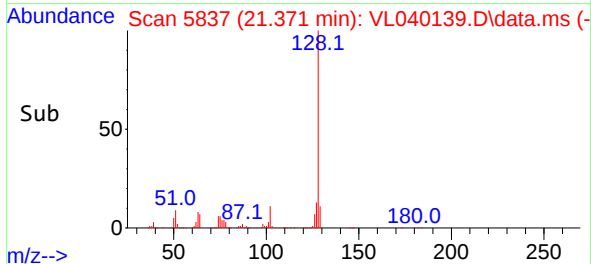
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



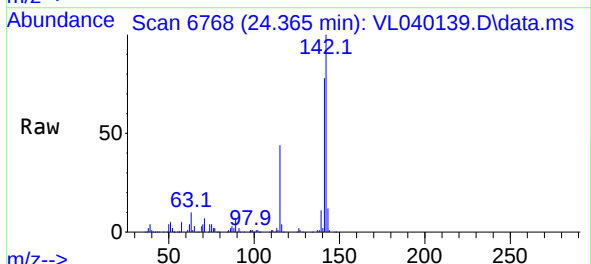
Tgt Ion:128 Resp: 199261
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.4 8.8 13.2

Manual Integrations
APPROVED

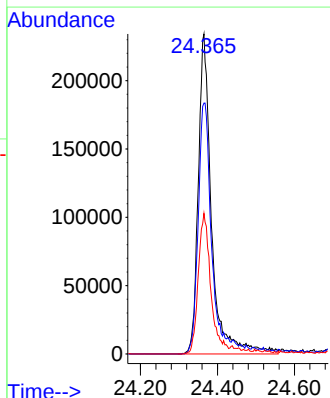
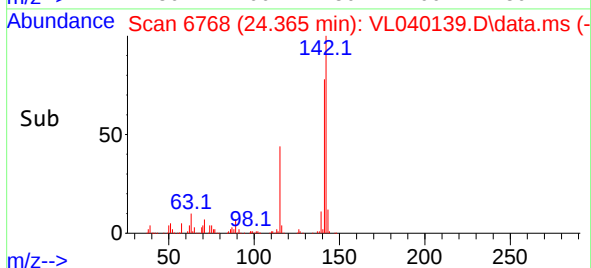
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

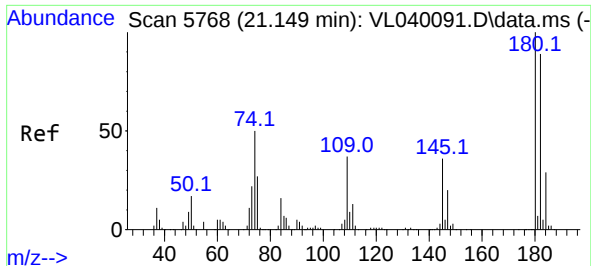


#80
Naphthalene,2-methyl-
Concen: 12.250 ppbv
RT: 24.365 min Scan# 6768
Delta R.T. -0.022 min
Lab File: VL040139.D
Acq: 31 Jan 2023 8:43



Tgt Ion:142 Resp: 563972
Ion Ratio Lower Upper
142 100
141 82.3 65.0 97.6
115 44.6 31.8 47.8





#81

1,2,4-Trichlorobenzene

Concen: 11.745 ppbv

RT: 21.127 min Scan# 51

Delta R.T. -0.022 min

Lab File: VL040139.D

Acq: 31 Jan 2023 8:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:180 Resp: 989120

Ion Ratio Lower Upper

180 100

182 98.1 78.6 117.8

184 30.8 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023

