

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041922\
 Data File : VL038943.D
 Acq On : 19 Apr 2022 9:55
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/20/2022
 Supervised By : Mahesh Dadoda 04/20/2022

Quant Time: Apr 20 04:24:41 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Apr 20 2022

QLast Update : Wed Apr 06 06:12:53 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.687	49	1181333	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.195	114	3225506	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.108	117	2895828m	10.000	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.436 95 2358256 10.736 ppbv 0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 107.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.067	85	2276868	13.588	ppbv	98
3) Chlorodifluoromethane	3.006	51	1439612	9.985	ppbv	98
4) Chloromethane	3.160	50	704741	9.440	ppbv	97
5) Vinyl Chloride	3.276	62	700061	10.149	ppbv	96
6) Bromomethane	3.494	94	361432	10.830	ppbv	98
7) Chloroethane	3.578	64	228634	9.940	ppbv	97
8) Dichlorotetrafluoroethane	3.205	85	1626943	10.394	ppbv	99
9) Propene	3.028	41	712976	9.347	ppbv	98
10) Heptane	8.144	43	1811851	9.430	ppbv	98
11) Trichlorofluoromethane	3.970	101	1558191	11.572	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.504	101	1175642	11.399	ppbv	96
13) Ethanol	3.623	45	47757m	10.302	ppbv	
14) Bromoethene	3.758	108	502501	11.078	ppbv	94
15) Acetone	3.867	43	1152320	9.798	ppbv	99
16) 1,3-Butadiene	3.346	39	674252	10.028	ppbv	99
17) tert-Butyl alcohol	4.301	59	949131	8.999	ppbv	100
18) 1,1-Dichloroethene	4.308	96	524351	11.153	ppbv	99
19) Isopropyl Alcohol	3.977	45	570488	9.490	ppbv #	100
20) Methylene Chloride	4.366	84	429183	10.062	ppbv	92
21) Allyl Chloride	4.430	41	880057	9.994	ppbv	98
22) trans-1,2-Dichloroethene	4.906	96	556651	11.694	ppbv	98
23) Vinyl Acetate	5.092	43	1256892	10.974	ppbv	99
24) 1,1-Dichloroethane	5.031	63	1115296	10.775	ppbv	99
25) Ethyl Acetate	5.694	43	2979641	9.985	ppbv	99
26) Hexane	5.706	57	1291969	9.511	ppbv	99
27) Carbon Disulfide	4.571	76	1372706	11.020	ppbv	98
28) Methyl tert-Butyl Ether	5.054	73	1051402	10.022	ppbv	100
29) Chloroform	5.774	83	1977795	10.407	ppbv	97
30) Cyclohexane	7.153	84	1125605	9.402	ppbv	98
31) cis-1,2-Dichloroethene	5.568	61	1254466	10.044	ppbv	98
32) 1,1,1-Trichloroethane	6.530	97	1966627	10.270	ppbv	99
34) 2-Butanone	5.260	43	1319704	10.354	ppbv	98
35) Carbon Tetrachloride	7.038	117	1984961	10.265	ppbv	100
36) Benzene	6.912	78	2781668	9.480	ppbv	99
37) 1,2-Dichloroethane	6.327	62	1488758	11.097	ppbv	98
38) Trichloroethene	7.857	130	1123034	9.328	ppbv	97
39) 1,2-Dichloropropane	7.636	63	1072725	9.558	ppbv	98
40) 1,4-Dioxane	7.851	88	402134	10.552	ppbv #	94
41) Tetrahydrofuran	6.067	42	1153476	9.529	ppbv	100
42) Bromodichloromethane	7.812	83	2226360	10.509	ppbv	98
43) Methyl Methacrylate	8.034	69	1160693	10.328	ppbv	99
44) 2,2,4-Trimethylpentane	7.890	57	4623664	9.307	ppbv	100
45) t-1,3-Dichloropropene	9.301	75	1260657	10.728	ppbv	100

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M

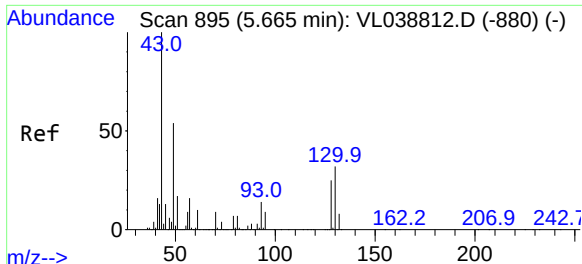
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Apr 20 2022

QLast Update : Wed Apr 06 06:12:53 2022

Response via : Initial Calibration

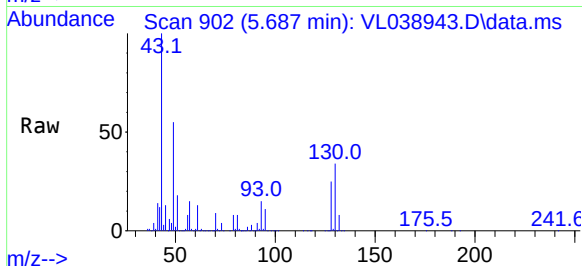
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.722	75	1579714	10.196	ppbv	98
47) 1,1,2-Trichloroethane	9.494	97	1136883	9.886	ppbv	98
48) Dibromochloromethane	10.327	129	1843135	10.226	ppbv	97
49) Bromoform	13.063	173	1491910	10.451	ppbv	100
50) 4-Methyl-2-Pentanone	8.758	43	2895670	10.100	ppbv	100
51) 2-Hexanone	10.150	43	2289217	10.598	ppbv	98
52) Tetrachloroethene	11.243	164	947355	9.243	ppbv	97
53) Toluene	9.828	91	3274853	9.668	ppbv	98
54) 1,2-Dibromoethane	10.632	107	1618072	10.129	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.143	131	1290817	10.172	ppbv	98
57) Chlorobenzene	12.169	112	2285236	9.635	ppbv	99
58) Ethyl Benzene	12.732	91	4371770	10.103	ppbv	96
59) m/p-Xylene	13.018	91	7239522m	19.914	ppbv	
60) o-Xylene	13.713	91	3390367	9.966	ppbv	96
61) Styrene	13.545	104	2141399	10.332	ppbv	99
62) Isopropylbenzene	14.687	105	4941745	9.678	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.696	83	2130170	9.887	ppbv	99
64) n-propylbenzene	15.581	120	1280641	9.659	ppbv	87
65) tert-Butylbenzene	16.767	119	4260970	9.406	ppbv	96
66) Benzyl Chloride	17.008	91	834967	9.053	ppbv	95
67) sec-Butylbenzene	17.314	105	6142544	9.663	ppbv	98
69) p-Isopropyltoluene	17.671	119	5068499	9.711	ppbv	99
70) n-Butylbenzene	18.571	91	5425133	10.317	ppbv	98
71) 2-Chlorotoluene	15.471	91	3854943	10.040	ppbv	97
72) 4-Ethyltoluene	15.857	105	4091969	10.074	ppbv	98
73) 1,3,5-Trimethylbenzene	16.015	105	3668795	10.054	ppbv	97
74) 1,2,4-Trimethylbenzene	16.783	105	3833151	9.937	ppbv	97
75) 1,3-Dichlorobenzene	17.015	146	2221806	9.920	ppbv	100
76) 1,4-Dichlorobenzene	17.159	146	2185634	9.907	ppbv	99
77) 1,2-Dichlorobenzene	17.838	146	2172646	9.841	ppbv	99
78) Hexachloro-1,3-Butadiene	23.391	225	1530145	8.772	ppbv	99
79) Naphthalene	22.214	128	3127543	10.838	ppbv	99
80) Naphthalene,2-methyl-	24.985	142	723213	10.171	ppbv	98
81) 1,2,4-Trichlorobenzene	21.944	180	1723196	10.204	ppbv	99

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



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.687 min Scan# 90
 Delta R.T. 0.023 min
 Lab File: VL038943.D
 Acq: 19 Apr 2022 9:55

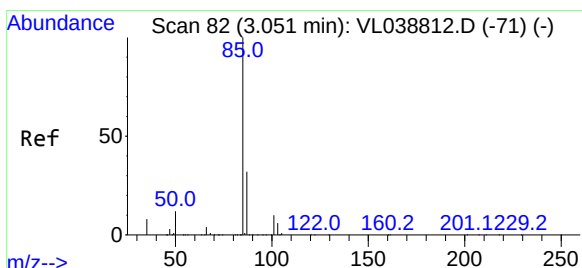
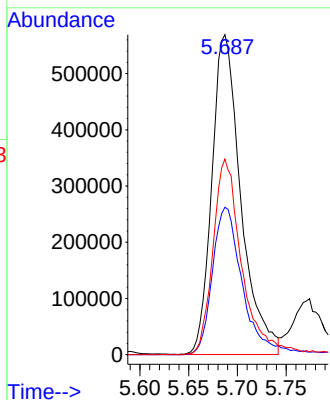
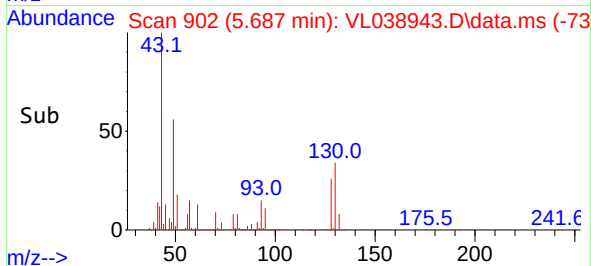
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



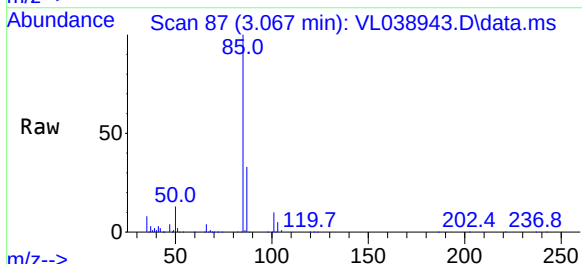
Tgt Ion: 49 Resp: 118133
 Ion Ratio Lower Upper
 49 100
 128 48.7 24.1 72.3
 130 62.4 30.9 92.8

Manual Integrations
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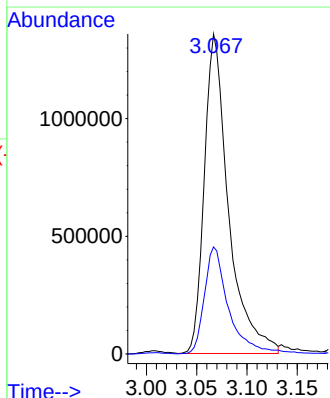
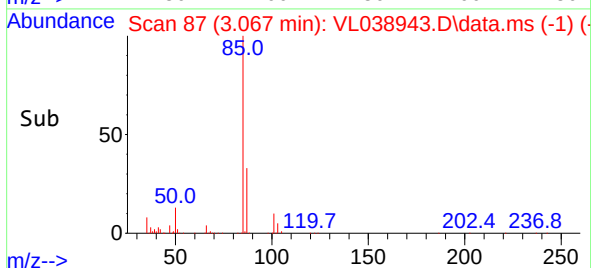
Reviewed By :Semsettin Yesilyurt 04/20/2022
 Supervised By :Mahesh Dadoda 04/20/2022

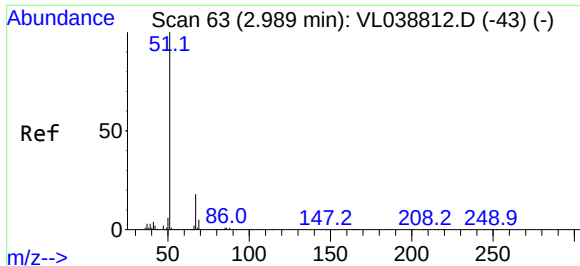


#2
 Dichlorodifluoromethane
 Concen: 13.588 ppbv
 RT: 3.067 min Scan# 87
 Delta R.T. 0.016 min
 Lab File: VL038943.D
 Acq: 19 Apr 2022 9:55



Tgt Ion: 85 Resp: 2276868
 Ion Ratio Lower Upper
 85 100
 87 33.4 25.9 38.9





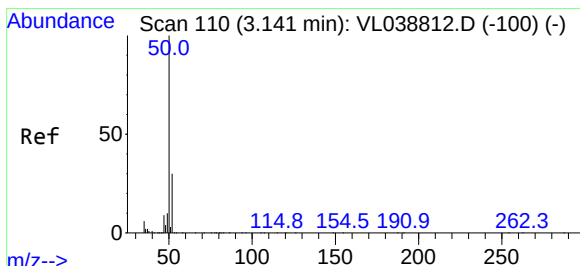
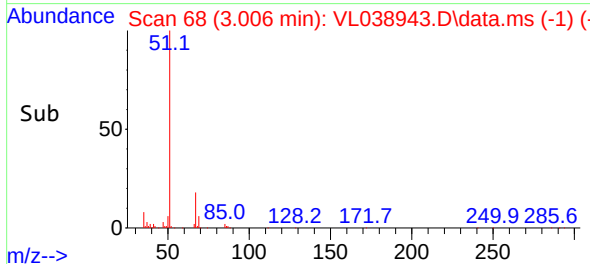
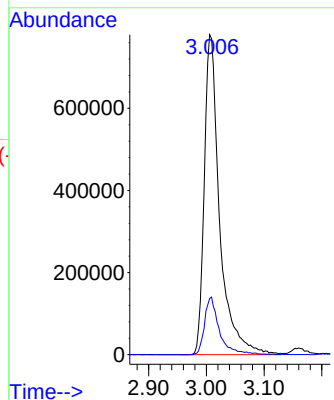
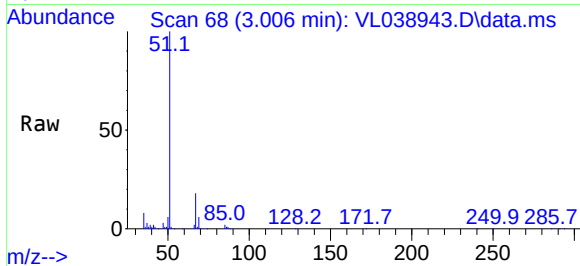
#3
Chlorodifluoromethane
Concen: 9.985 ppbv
RT: 3.006 min Scan# 61
Delta R.T. 0.016 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 143961
Ion Ratio Lower Upper
51 100
67 17.5 13.4 20.0

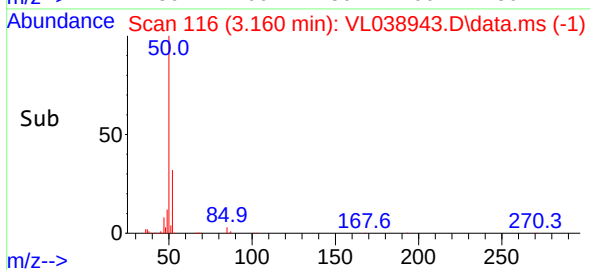
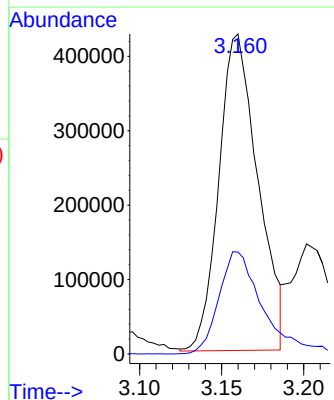
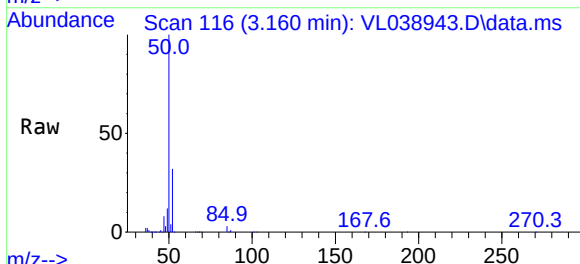
Manual Integrations
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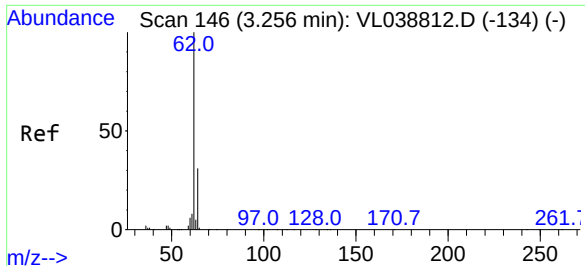
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#4
Chloromethane
Concen: 9.440 ppbv
RT: 3.160 min Scan# 116
Delta R.T. 0.019 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

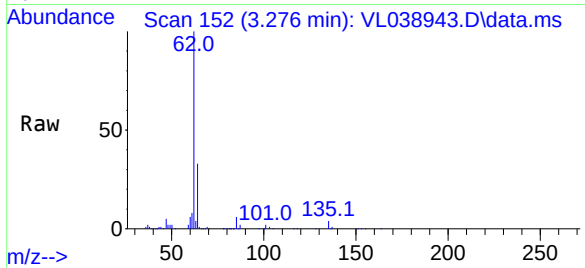
Tgt Ion: 50 Resp: 704741
Ion Ratio Lower Upper
50 100
52 32.2 24.3 36.5





#5
 Vinyl Chloride
 Concen: 10.149 ppbv
 RT: 3.276 min Scan# 11
 Delta R.T. 0.019 min
 Lab File: VL038943.D
 Acq: 19 Apr 2022 9:55

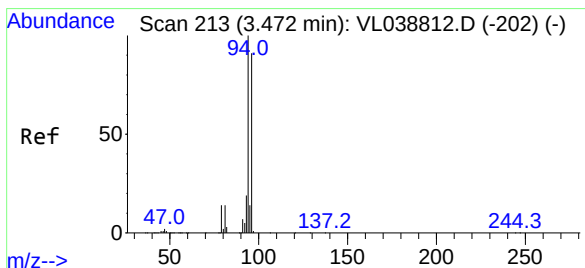
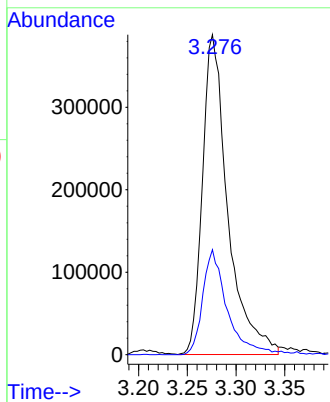
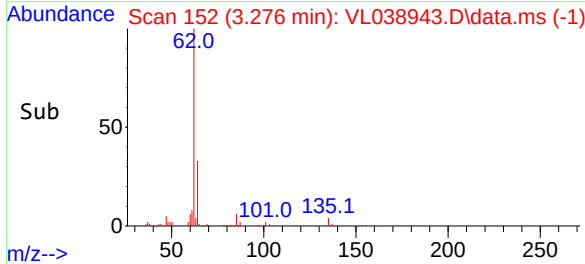
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 62 Resp: 70006
 Ion Ratio Lower Upper
 62 100
 64 32.8 24.6 37.0

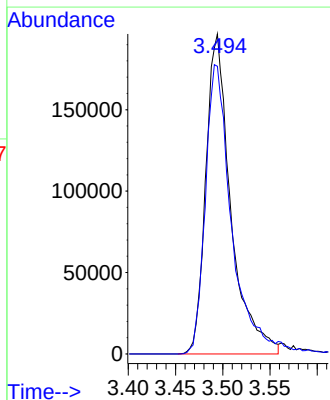
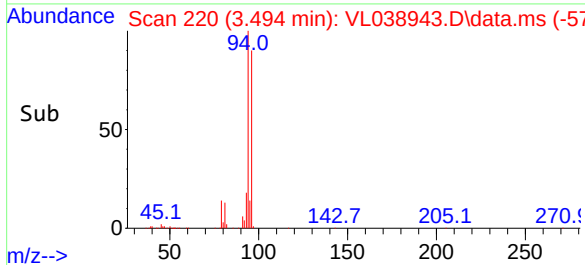
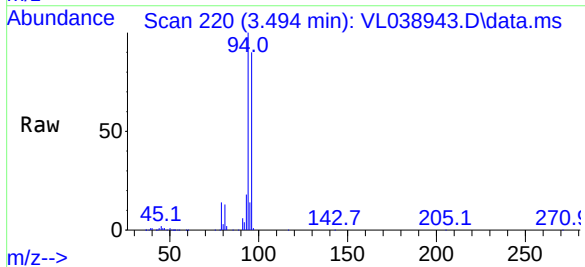
Manual Integrations
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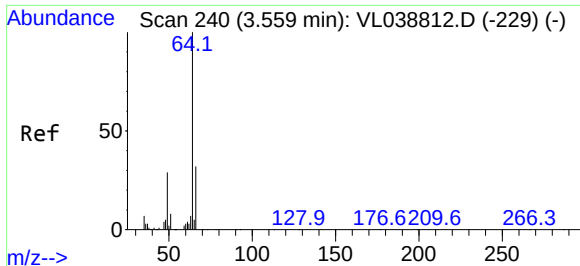
Reviewed By :Semsettin Yesilyurt 04/20/2022
 Supervised By :Mahesh Dadoda 04/20/2022



#6
 Bromomethane
 Concen: 10.830 ppbv
 RT: 3.494 min Scan# 220
 Delta R.T. 0.023 min
 Lab File: VL038943.D
 Acq: 19 Apr 2022 9:55

Tgt Ion: 94 Resp: 361432
 Ion Ratio Lower Upper
 94 100
 96 89.9 73.2 109.8





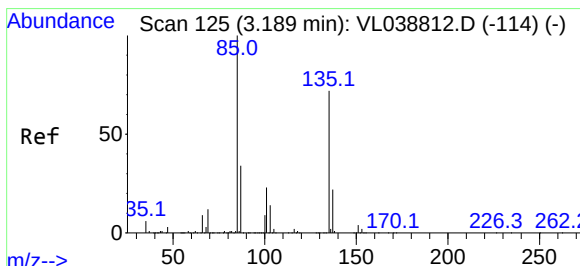
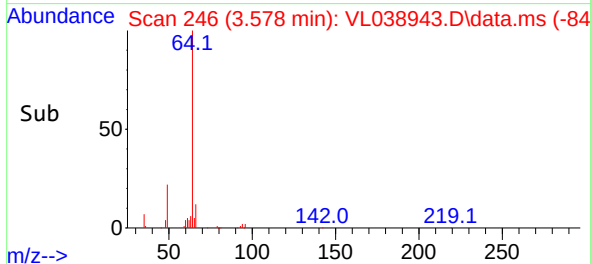
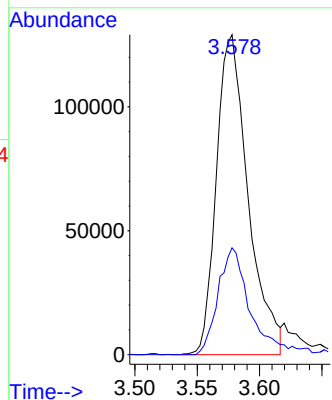
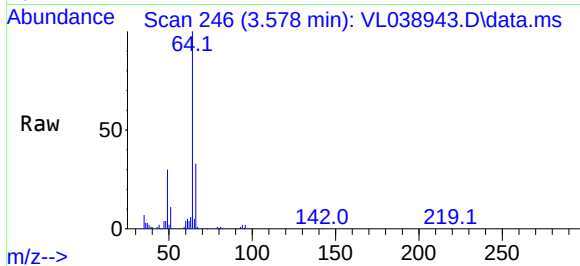
#7
Chloroethane
Concen: 9.940 ppbv
RT: 3.578 min Scan# 24
Delta R.T. 0.019 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 228634
Ion Ratio Lower Upper
64 100
66 33.4 25.4 38.2

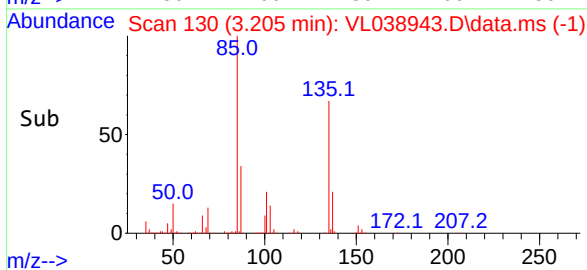
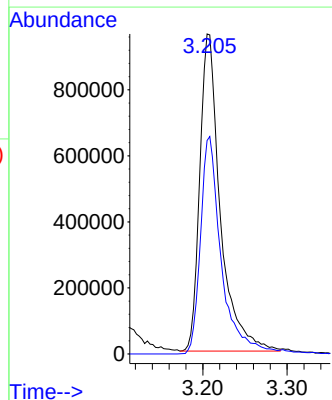
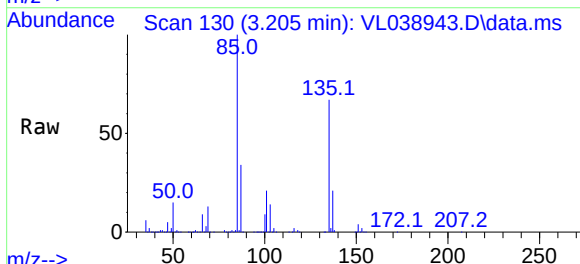
Manual Integrations
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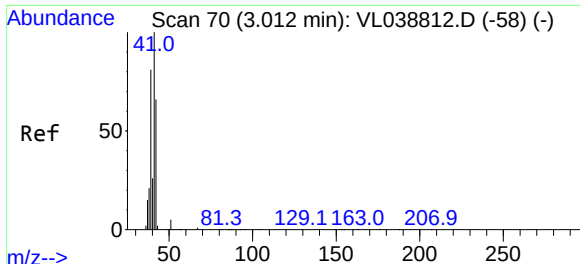
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#8
Dichlorotetrafluoroethane
Concen: 10.394 ppbv
RT: 3.205 min Scan# 130
Delta R.T. 0.016 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

Tgt Ion: 85 Resp: 1626943
Ion Ratio Lower Upper
85 100
135 70.8 57.0 85.6





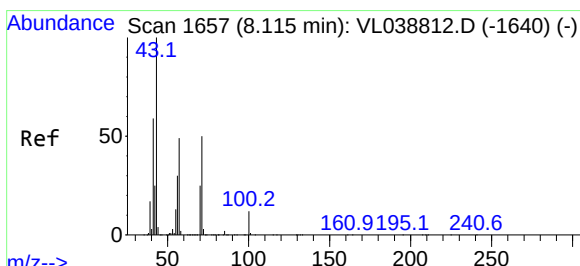
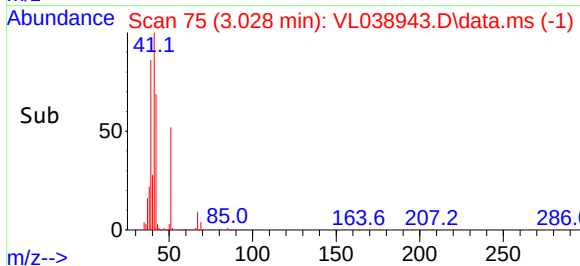
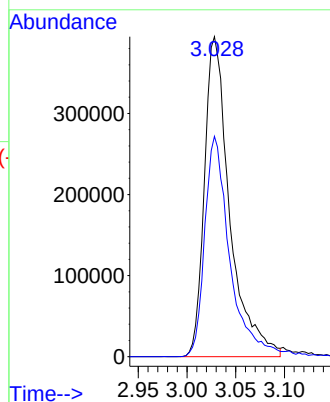
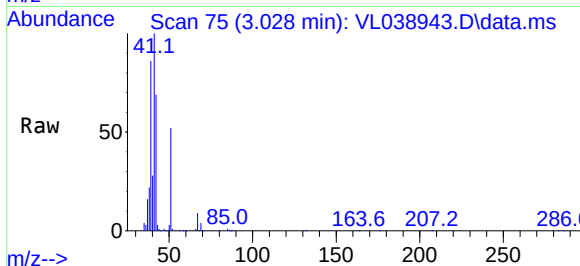
#9
 Propene
 Concen: 9.347 ppbv
 RT: 3.028 min Scan# 70
 Delta R.T. 0.016 min
 Lab File: VL038943.D
 Acq: 19 Apr 2022 9:55

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 712970
 Ion Ratio Lower Upper
 41 100
 42 69.4 54.2 81.4

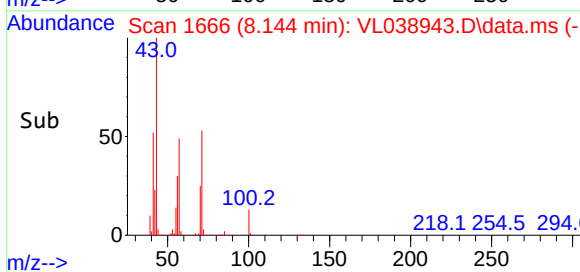
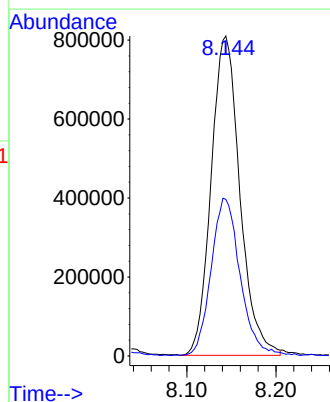
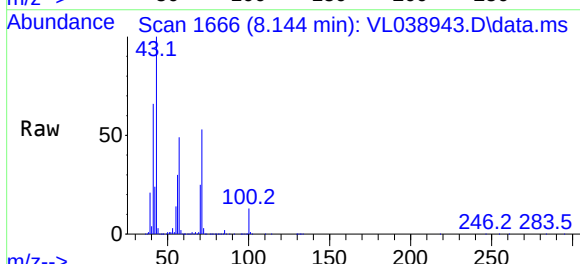
Manual Integrations
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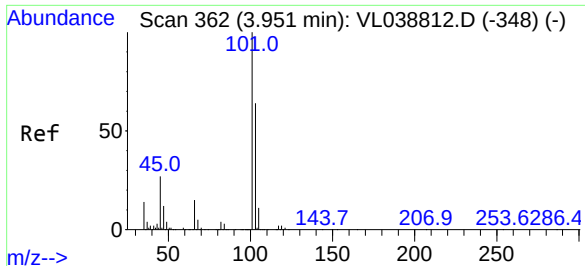
Reviewed By :Semsettin Yesilyurt 04/20/2022
 Supervised By :Mahesh Dadoda 04/20/2022



#10
 Heptane
 Concen: 9.430 ppbv
 RT: 8.144 min Scan# 1666
 Delta R.T. 0.029 min
 Lab File: VL038943.D
 Acq: 19 Apr 2022 9:55

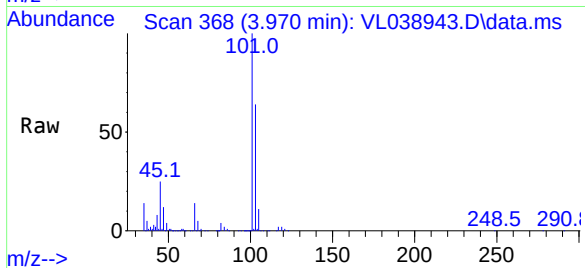
Tgt Ion: 43 Resp: 1811851
 Ion Ratio Lower Upper
 43 100
 57 50.7 39.3 58.9





#11
 Trichlorofluoromethane
 Concen: 11.572 ppbv
 RT: 3.970 min Scan# 30
 Delta R.T. 0.019 min
 Lab File: VL038943.D
 Acq: 19 Apr 2022 9:55

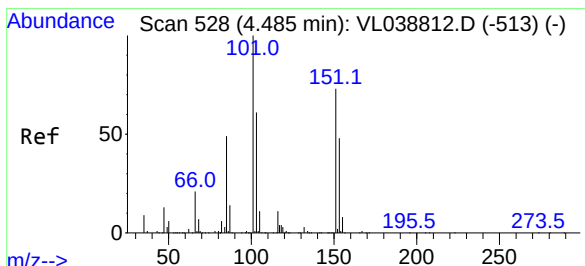
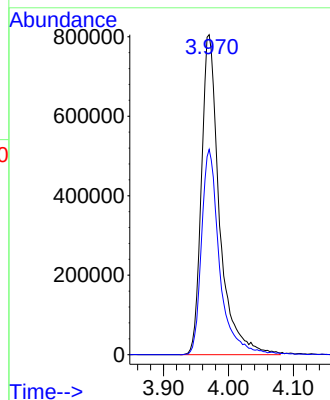
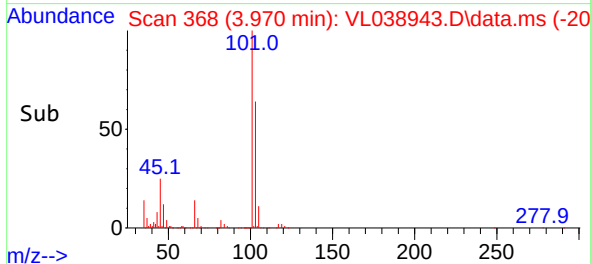
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:101 Resp: 155819
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.4 77.0

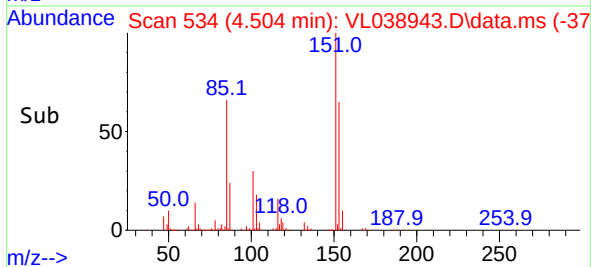
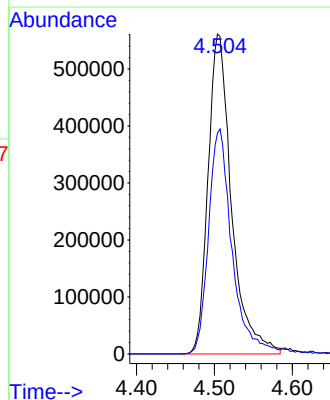
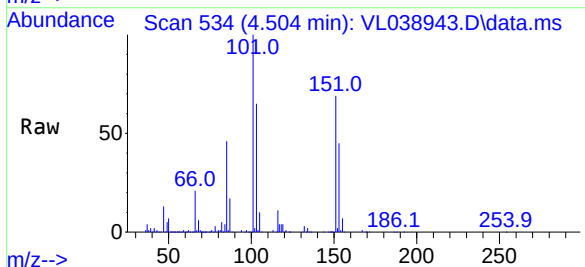
Manual Integrations
 APPROVED

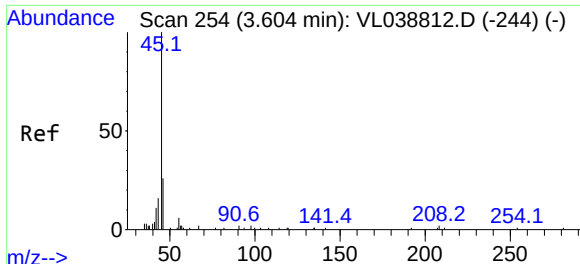
Reviewed By :Semsettin Yesilyurt 04/20/2022
 Supervised By :Mahesh Dadoda 04/20/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.399 ppbv
 RT: 4.504 min Scan# 534
 Delta R.T. 0.019 min
 Lab File: VL038943.D
 Acq: 19 Apr 2022 9:55

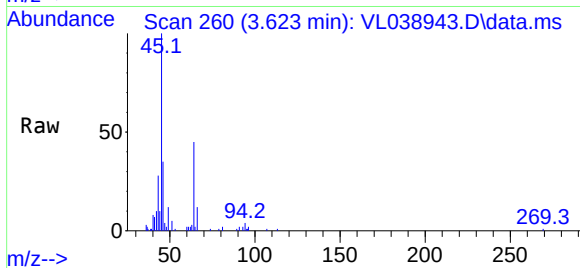
Tgt Ion:101 Resp: 1175642
 Ion Ratio Lower Upper
 101 100
 151 71.3 59.9 89.9





#13
Ethanol
Concen: 10.302 ppbv m
RT: 3.623 min Scan# 20
Delta R.T. 0.019 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

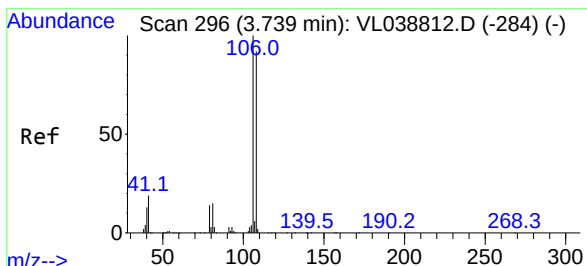
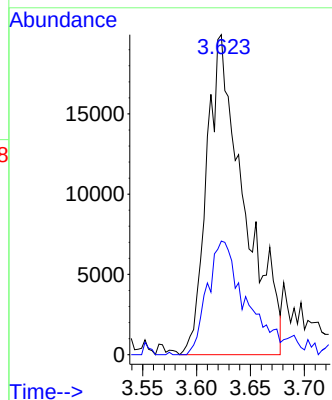
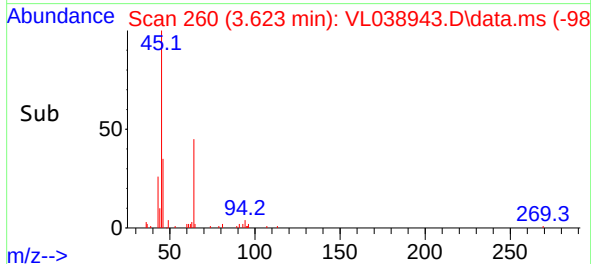
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



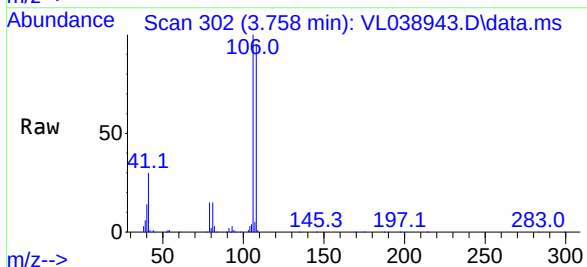
Tgt Ion: 45 Resp: 4775
Ion Ratio Lower Upper
45 100
46 39.8 0.0 0.0

Manual Integrations
APPROVED

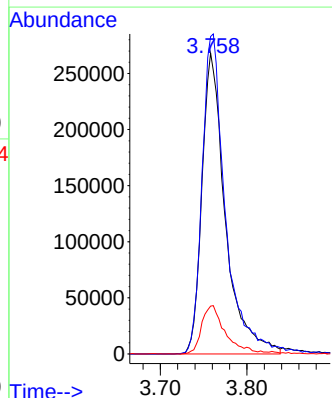
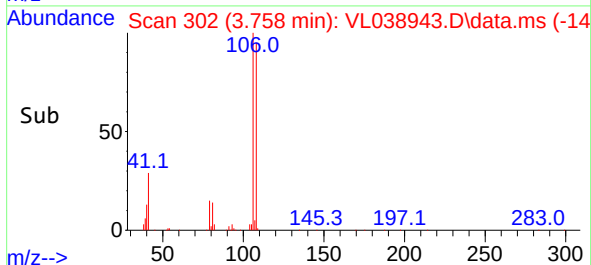
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

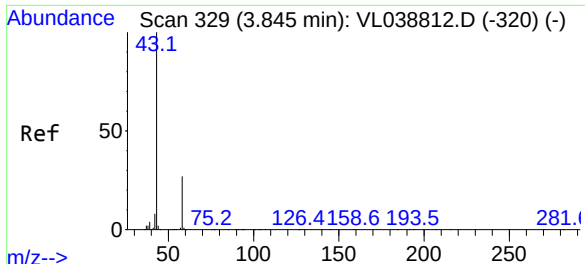


#14
Bromoethene
Concen: 11.078 ppbv
RT: 3.758 min Scan# 302
Delta R.T. 0.019 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55



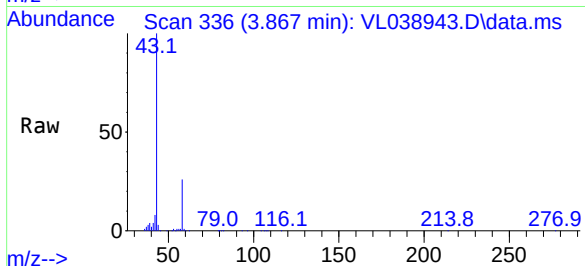
Tgt Ion:108 Resp: 502501
Ion Ratio Lower Upper
108 100
106 107.3 91.5 137.3
79 17.0 13.7 20.5





#15
Acetone
Concen: 9.798 ppbv
RT: 3.867 min Scan# 31
Delta R.T. 0.023 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

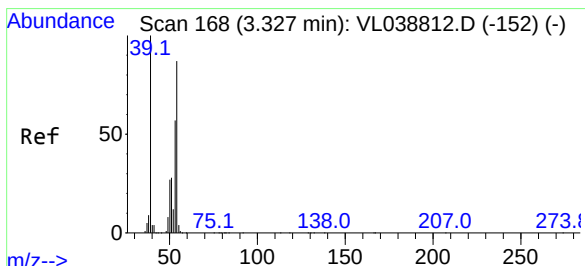
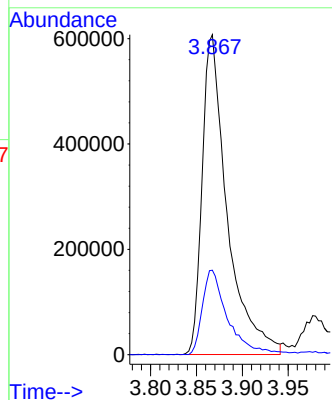
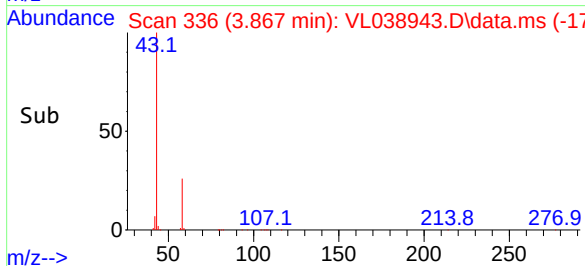
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 1152320
Ion Ratio Lower Upper
43 100
58 28.5 22.5 33.7

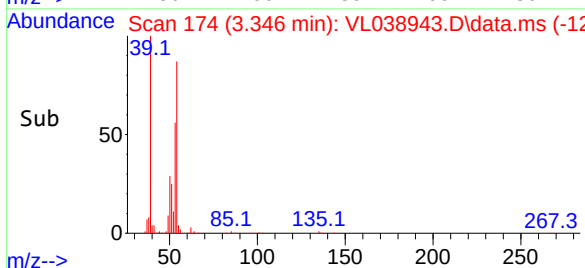
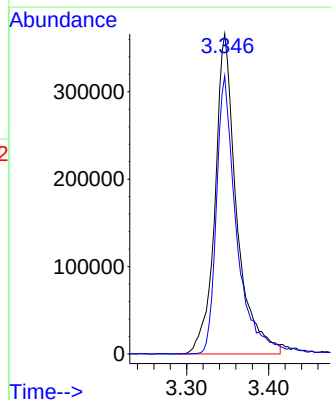
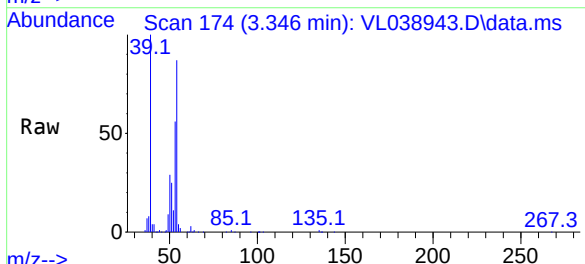
Manual Integrations
APPROVED

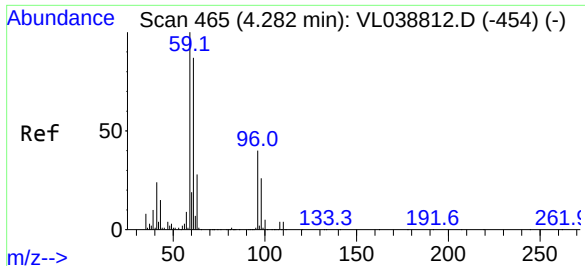
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#16
1,3-Butadiene
Concen: 10.028 ppbv
RT: 3.346 min Scan# 174
Delta R.T. 0.019 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

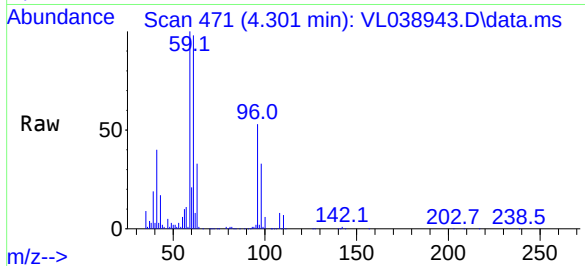
Tgt Ion: 39 Resp: 674252
Ion Ratio Lower Upper
39 100
54 82.1 64.8 97.2





#17
tert-Butyl alcohol
Concen: 8.999 ppbv
RT: 4.301 min Scan# 41
Delta R.T. 0.019 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

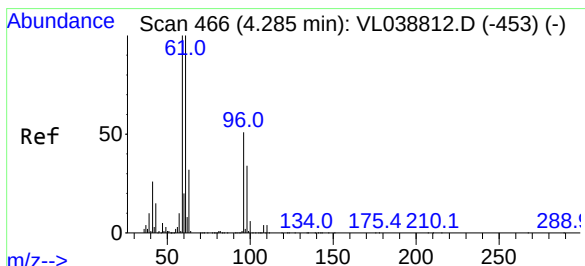
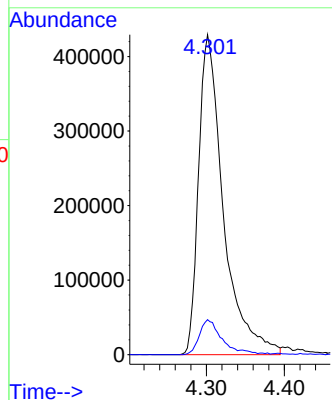
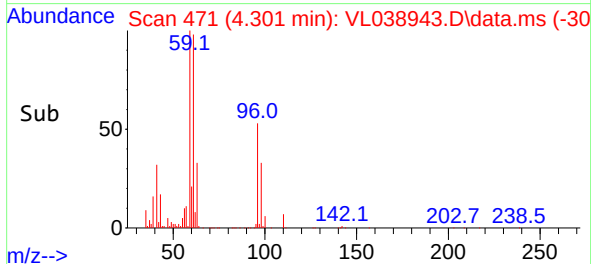
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



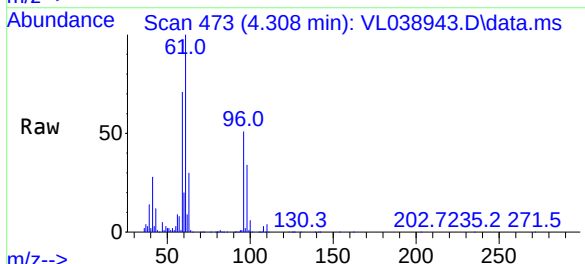
Tgt Ion: 59 Resp: 94913
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

Manual Integrations
APPROVED

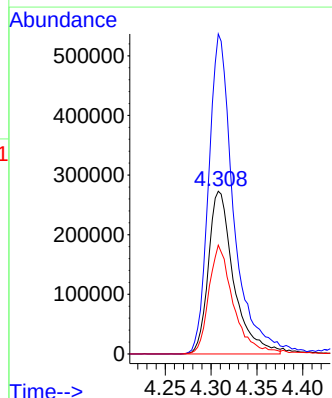
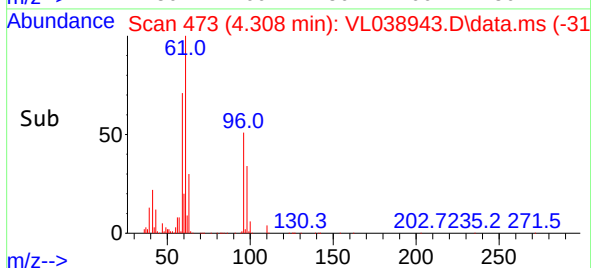
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

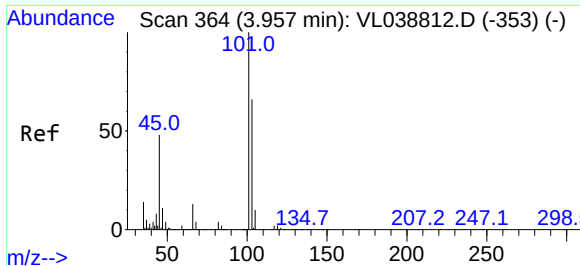


#18
1,1-Dichloroethene
Concen: 11.153 ppbv
RT: 4.308 min Scan# 473
Delta R.T. 0.023 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55



Tgt Ion: 96 Resp: 524351
Ion Ratio Lower Upper
96 100
61 196.7 156.1 234.1
98 66.9 53.0 79.6





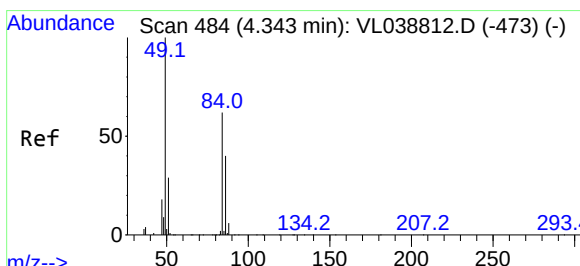
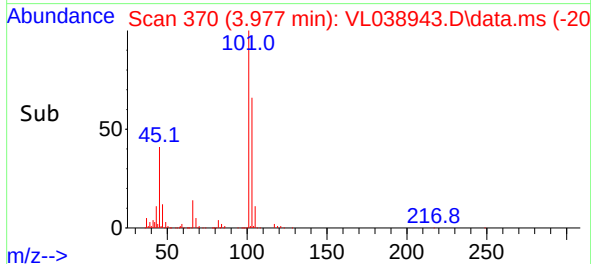
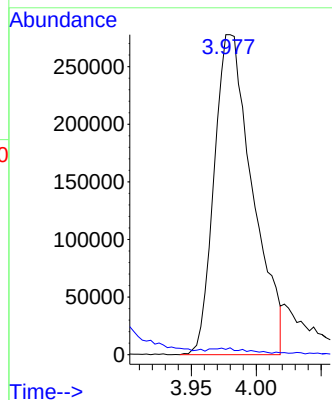
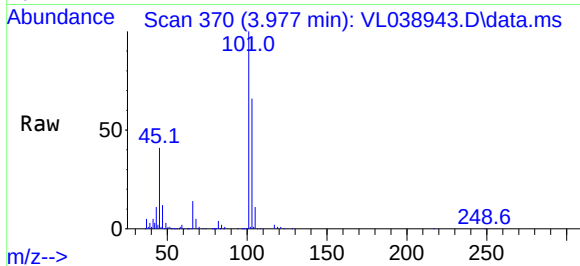
#19
Isopropyl Alcohol
Concen: 9.490 ppbv
RT: 3.977 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 57048
Ion Ratio Lower Upper
45 100
58 1.6 0.0 0.0

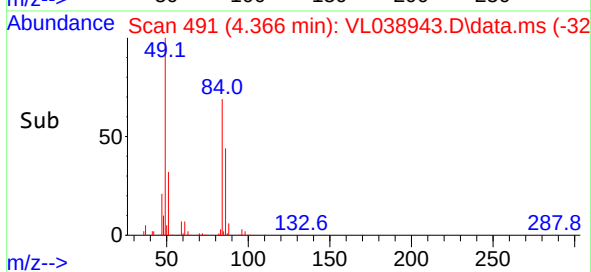
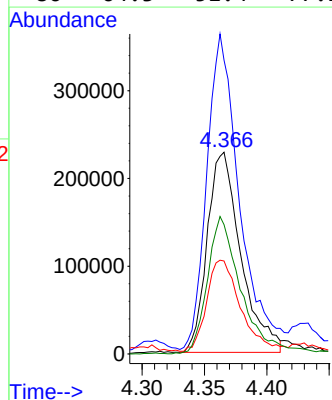
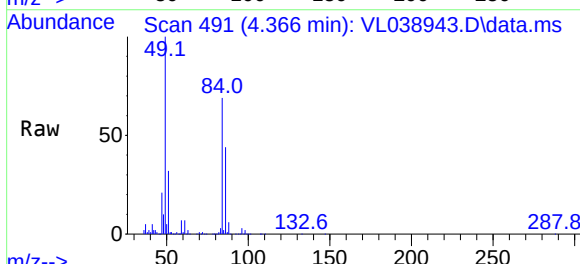
Manual Integrations
APPROVED

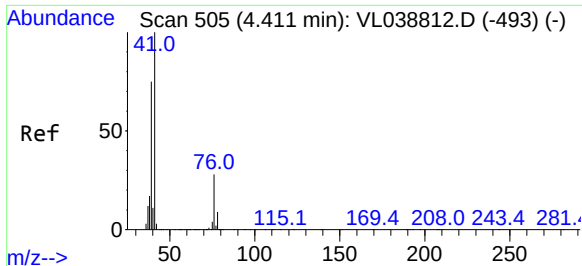
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#20
Methylene Chloride
Concen: 10.062 ppbv
RT: 4.366 min Scan# 491
Delta R.T. 0.023 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

Tgt Ion: 84 Resp: 429183
Ion Ratio Lower Upper
84 100
49 144.5 129.4 194.0
51 45.1 37.4 56.2
86 64.3 51.4 77.2





#21
 Allyl Chloride
 Concen: 9.994 ppbv
 RT: 4.430 min Scan# 511
 Delta R.T. 0.019 min
 Lab File: VL038943.D
 Acq: 19 Apr 2022 9:55

Instrument :

MSVOA_L

ClientSampleId :

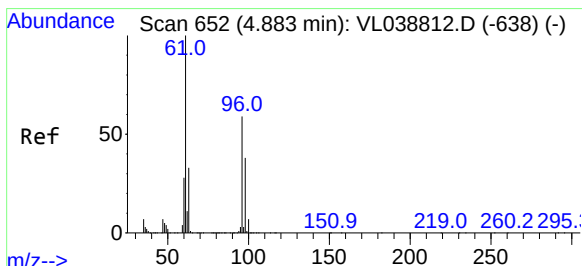
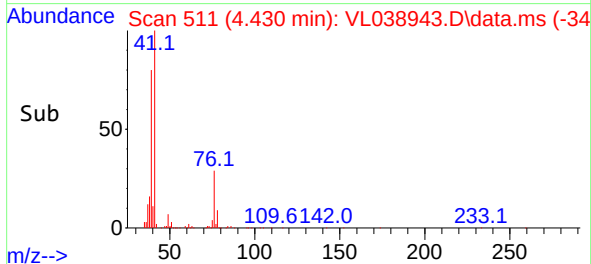
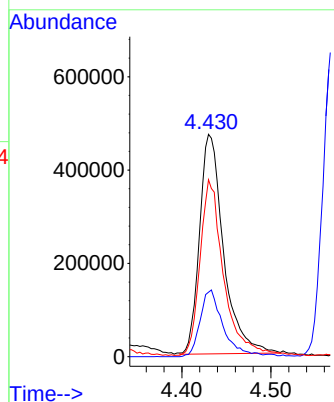
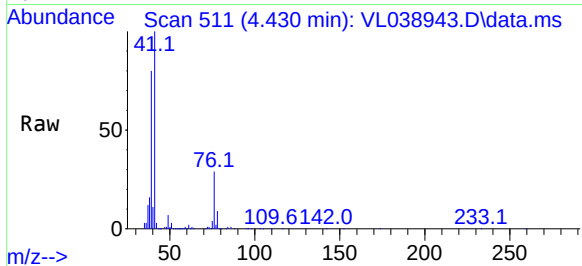
VSTDCCC010

Tgt Ion: 41 Resp: 88005
 Ion Ratio Lower Upper
 41 100
 76 29.8 23.7 35.5
 39 79.7 62.0 93.0

Manual Integrations

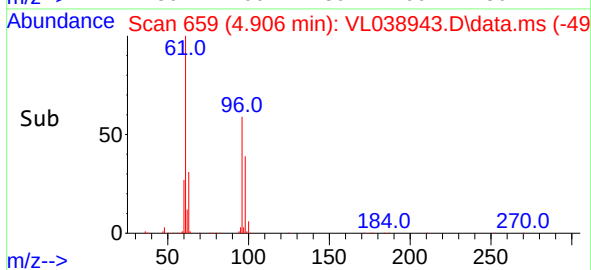
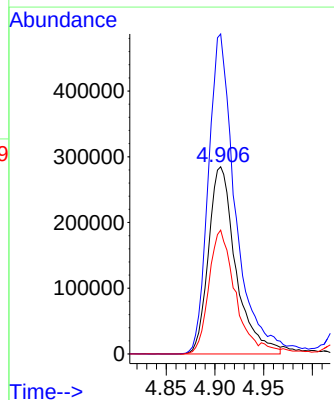
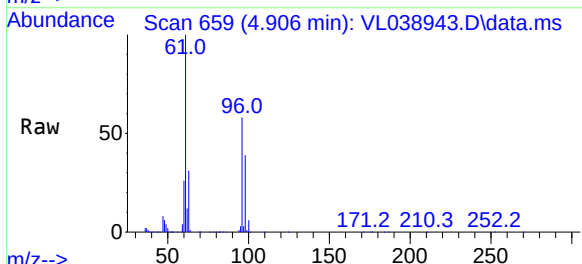
APPROVED

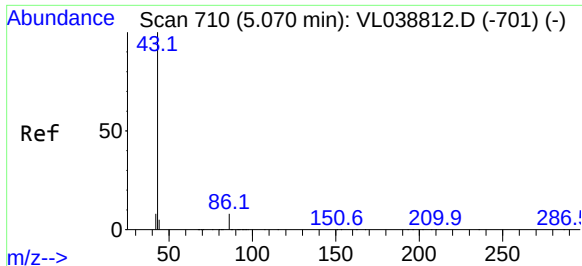
Reviewed By :Semsettin Yesilyurt 04/20/2022
 Supervised By :Mahesh Dadoda 04/20/2022



#22
 trans-1,2-Dichloroethene
 Concen: 11.694 ppbv
 RT: 4.906 min Scan# 659
 Delta R.T. 0.023 min
 Lab File: VL038943.D
 Acq: 19 Apr 2022 9:55

Tgt Ion: 96 Resp: 556651
 Ion Ratio Lower Upper
 96 100
 61 170.9 134.8 202.2
 98 66.2 51.9 77.9





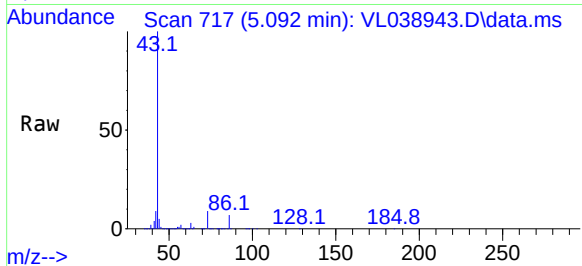
#23
 Vinyl Acetate
 Concen: 10.974 ppbv
 RT: 5.092 min Scan# 710
 Delta R.T. 0.023 min
 Lab File: VL038943.D
 Acq: 19 Apr 2022 9:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



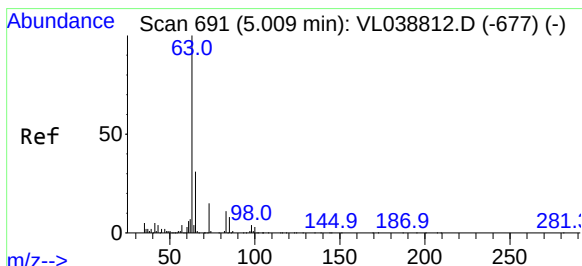
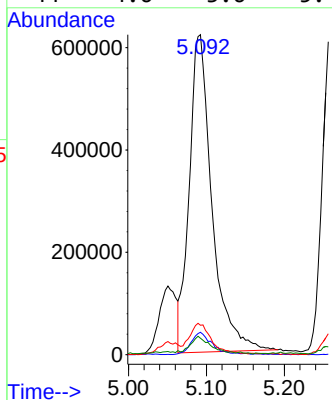
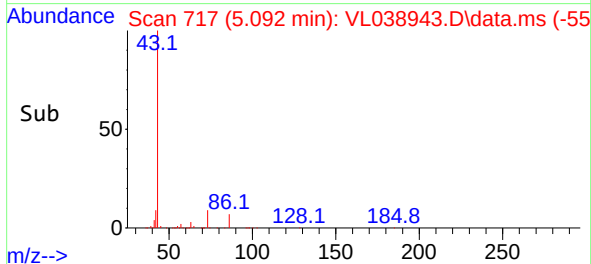
Tgt Ion: 43 Resp: 1256892

Ion	Ratio	Lower	Upper
43	100		
86	7.0	5.8	8.6
42	9.0	7.8	11.6
44	4.6	3.6	5.4

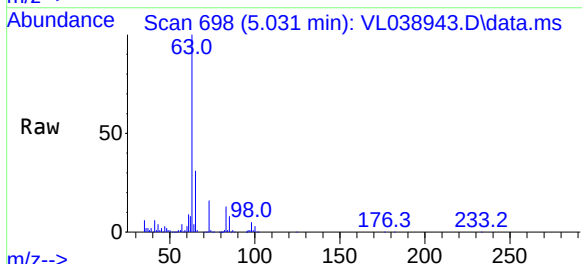
Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/20/2022
 Supervised By :Mahesh Dadoda 04/20/2022

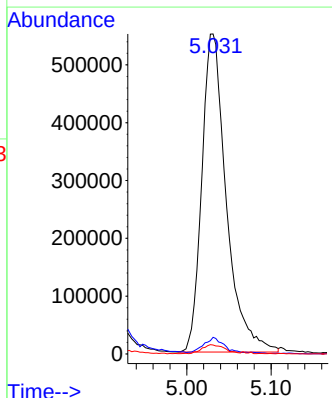
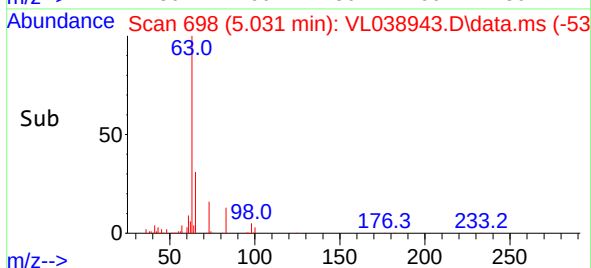


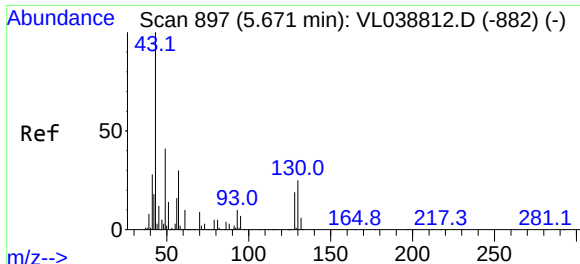
#24
 1,1-Dichloroethane
 Concen: 10.775 ppbv
 RT: 5.031 min Scan# 698
 Delta R.T. 0.023 min
 Lab File: VL038943.D
 Acq: 19 Apr 2022 9:55



Tgt Ion: 63 Resp: 1115296

Ion	Ratio	Lower	Upper
63	100		
98	4.9	2.2	6.6
100	2.7	1.4	4.0





#25
Ethyl Acetate
Concen: 9.985 ppbv
RT: 5.694 min Scan# 904
Delta R.T. 0.023 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

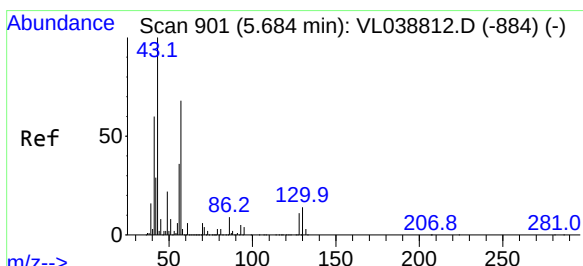
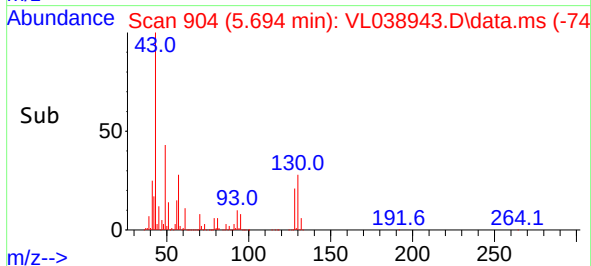
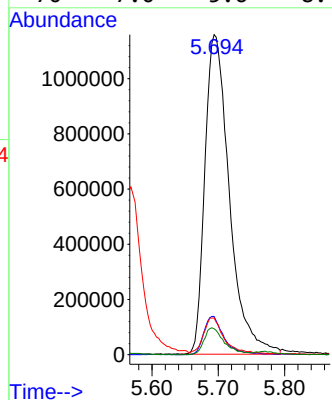
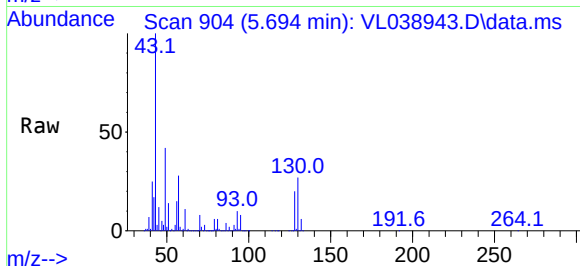
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 297964

Ion	Ratio	Lower	Upper
43	100		
45	9.9	8.4	12.6
61	10.2	7.9	11.9
70	7.0	5.6	8.4

Manual Integrations
APPROVED

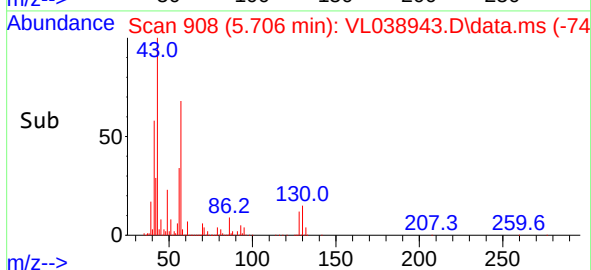
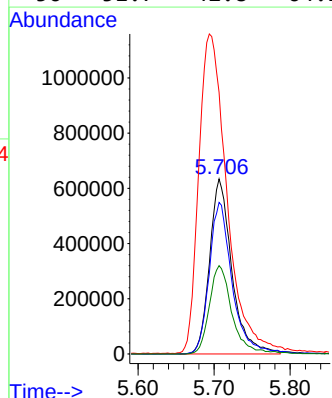
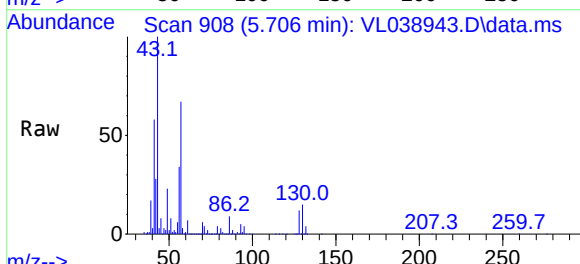
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

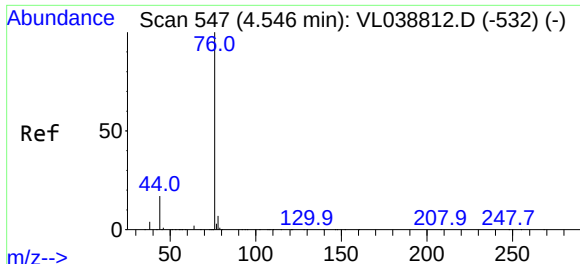


#26
Hexane
Concen: 9.511 ppbv
RT: 5.706 min Scan# 908
Delta R.T. 0.023 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

Tgt Ion: 57 Resp: 1291969

Ion	Ratio	Lower	Upper
57	100		
41	90.1	72.0	108.0
43	233.6	186.6	280.0
56	51.7	42.8	64.2





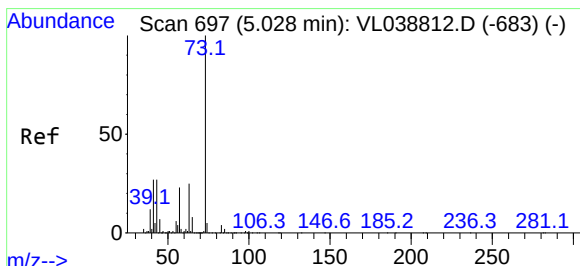
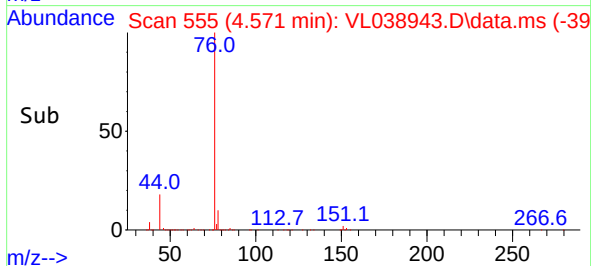
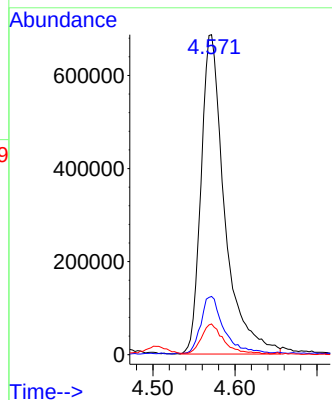
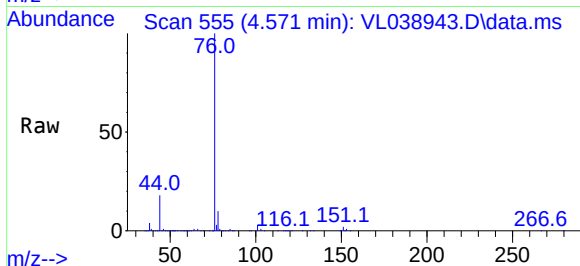
#27
Carbon Disulfide
Concen: 11.020 ppbv
RT: 4.571 min Scan# 51
Delta R.T. 0.026 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 76 Resp: 1372700
Ion Ratio Lower Upper
76 100
44 18.3 15.7 23.5
78 10.0 7.8 11.8

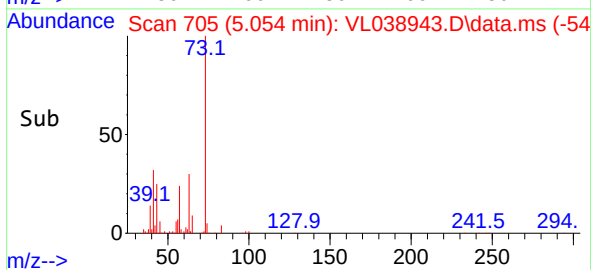
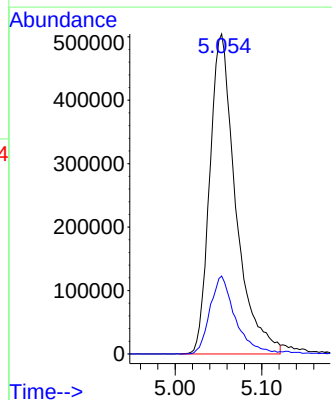
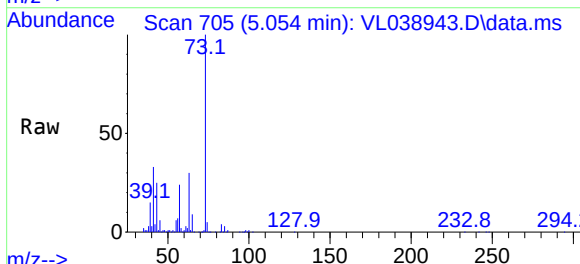
Manual Integrations
APPROVED

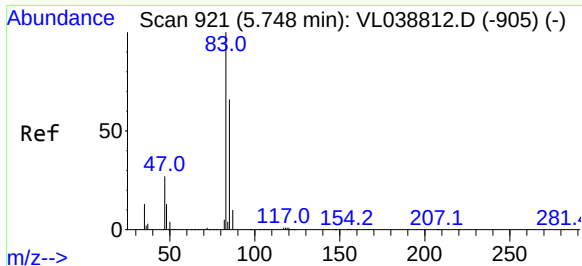
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#28
Methyl tert-Butyl Ether
Concen: 10.022 ppbv
RT: 5.054 min Scan# 705
Delta R.T. 0.026 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

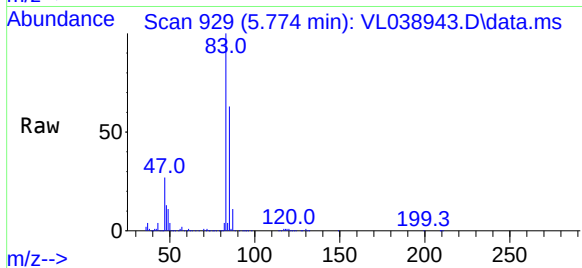
Tgt Ion: 73 Resp: 1051402
Ion Ratio Lower Upper
73 100
57 24.4 19.7 29.5





#29
Chloroform
Concen: 10.407 ppbv
RT: 5.774 min Scan# 91
Delta R.T. 0.026 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

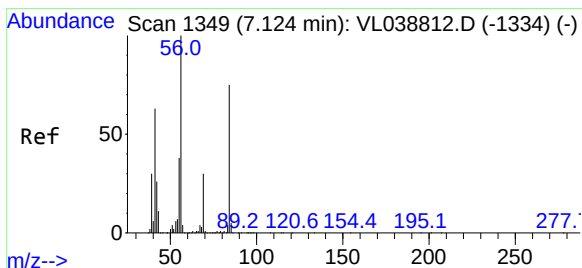
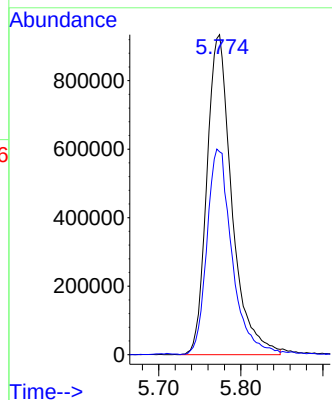
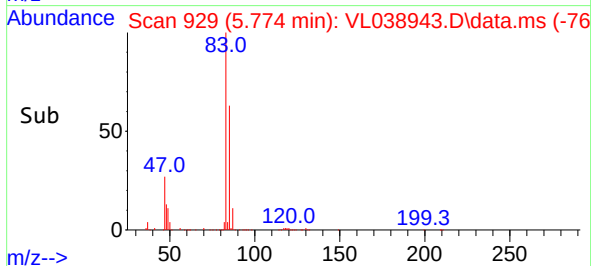
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



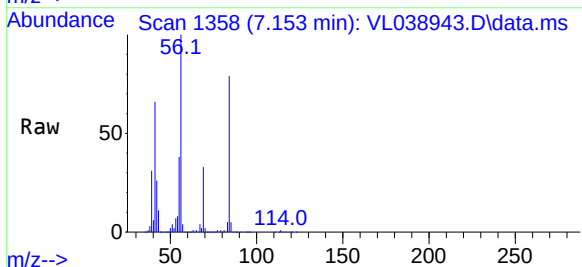
Tgt Ion: 83 Resp: 197779
Ion Ratio Lower Upper
83 100
85 63.4 52.5 78.7

Manual Integrations
APPROVED

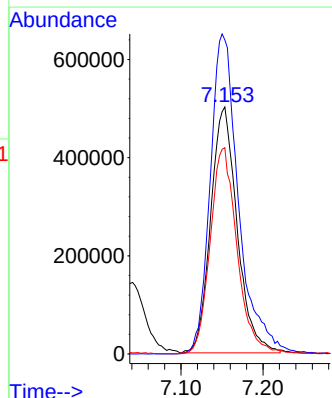
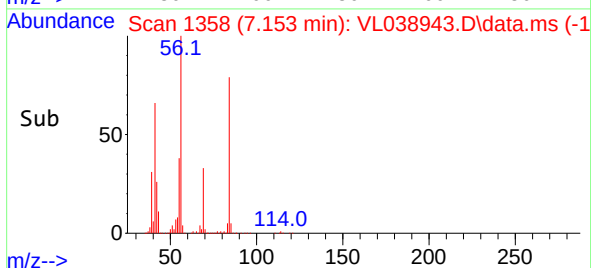
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

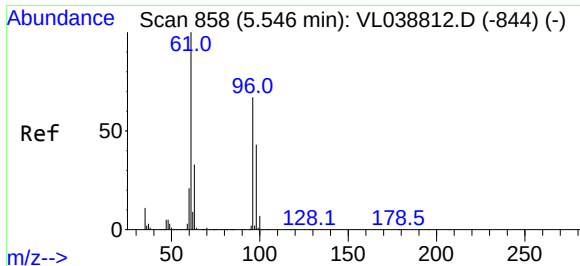


#30
Cyclohexane
Concen: 9.402 ppbv
RT: 7.153 min Scan# 1358
Delta R.T. 0.029 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55



Tgt Ion: 84 Resp: 1125605
Ion Ratio Lower Upper
84 100
56 140.4 114.4 171.6
41 85.0 69.0 103.4





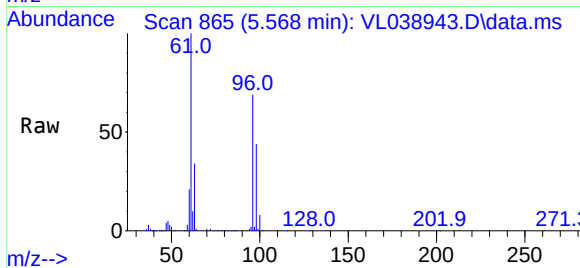
#31
 cis-1,2-Dichloroethene
 Concen: 10.044 ppbv
 RT: 5.568 min Scan# 80
 Delta R.T. 0.023 min
 Lab File: VL038943.D
 Acq: 19 Apr 2022 9:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



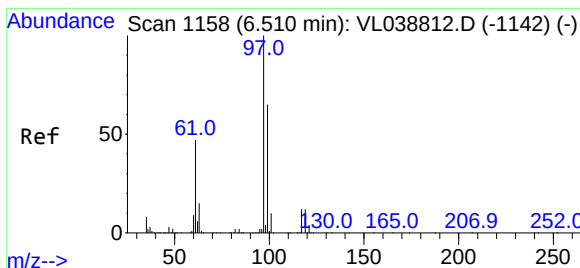
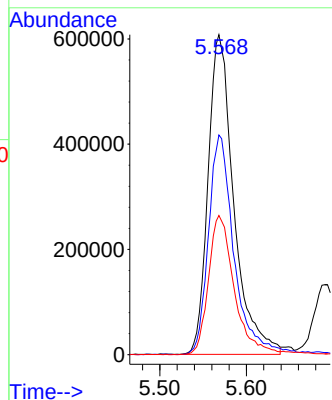
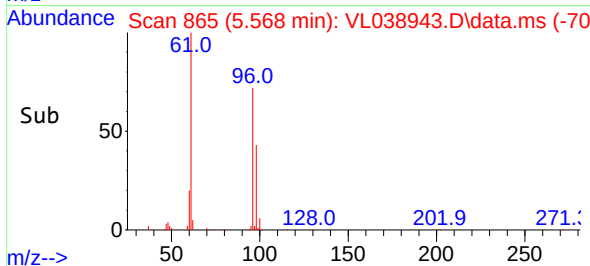
Tgt Ion: 61 Resp: 125446

Ion	Ratio	Lower	Upper
61	100		
96	68.6	53.4	80.0
98	43.5	34.2	51.4

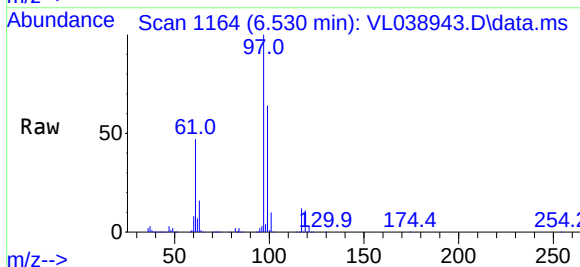
Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/20/2022
 Supervised By :Mahesh Dadoda 04/20/2022

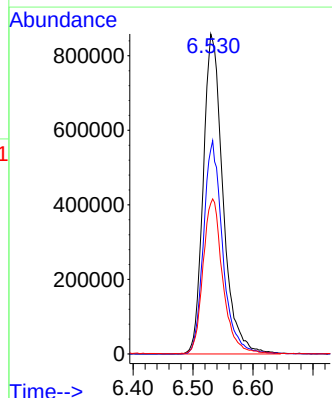
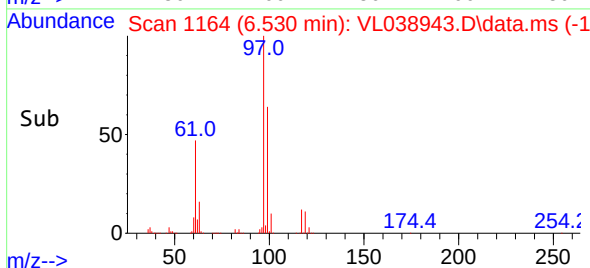


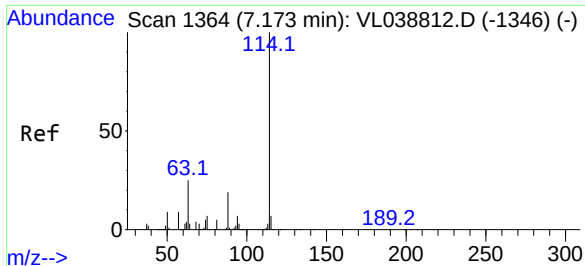
#32
 1,1,1-Trichloroethane
 Concen: 10.270 ppbv
 RT: 6.530 min Scan# 1164
 Delta R.T. 0.019 min
 Lab File: VL038943.D
 Acq: 19 Apr 2022 9:55



Tgt Ion: 97 Resp: 1966627

Ion	Ratio	Lower	Upper
97	100		
99	64.7	52.4	78.6
61	48.6	38.6	57.8





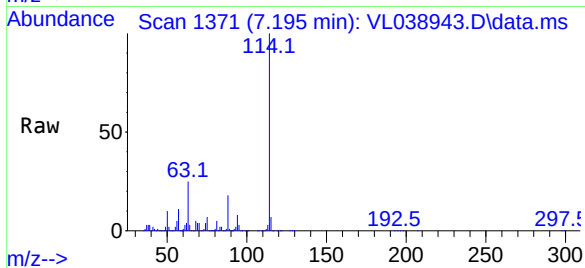
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.195 min Scan# 114
Delta R.T. 0.023 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

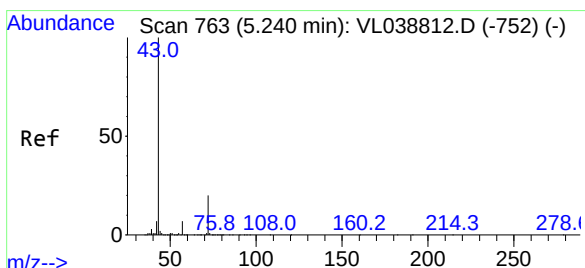
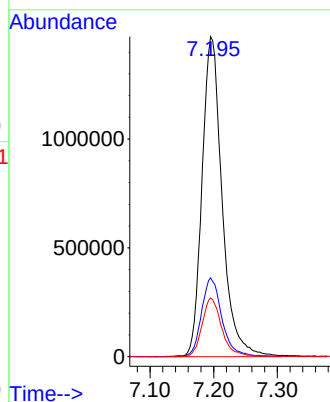
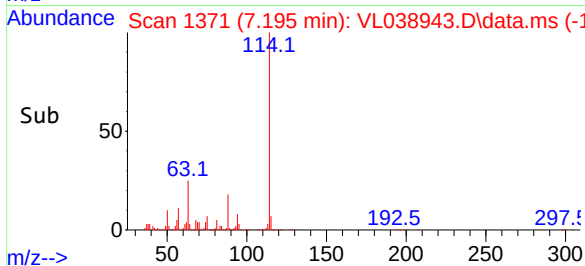


Tgt Ion:114 Resp: 3225500
Ion Ratio Lower Upper
114 100
63 25.1 19.8 29.8
88 18.1 14.2 21.4

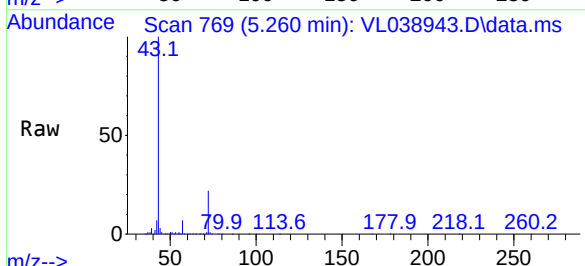
Manual Integrations

APPROVED

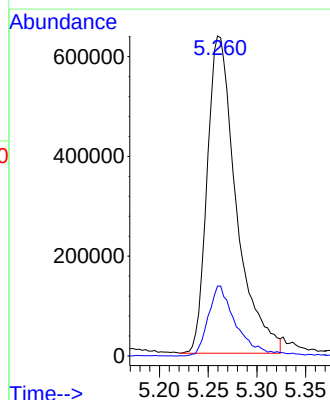
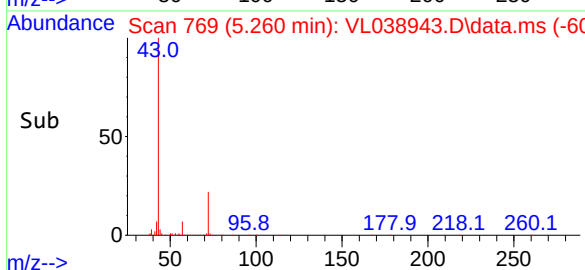
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

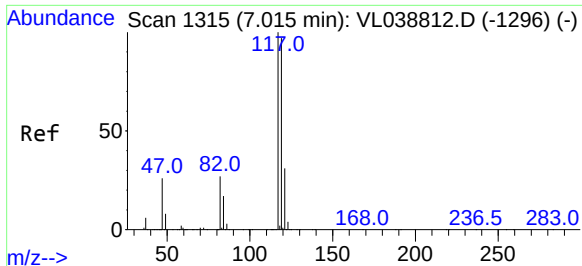


#34
2-Butanone
Concen: 10.354 ppbv
RT: 5.260 min Scan# 769
Delta R.T. 0.019 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55



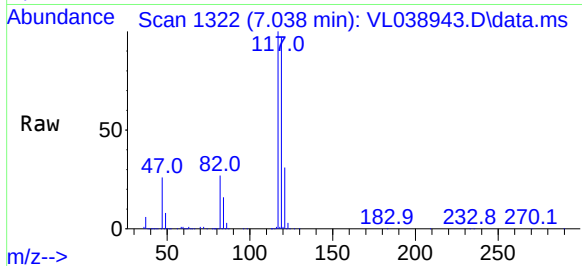
Tgt Ion: 43 Resp: 1319704
Ion Ratio Lower Upper
43 100
72 22.1 16.9 25.3





#35
Carbon Tetrachloride
Concen: 10.265 ppbv
RT: 7.038 min Scan# 11
Delta R.T. 0.023 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

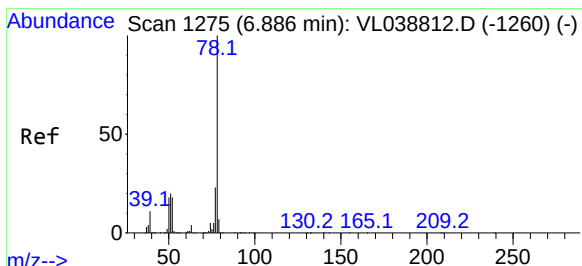
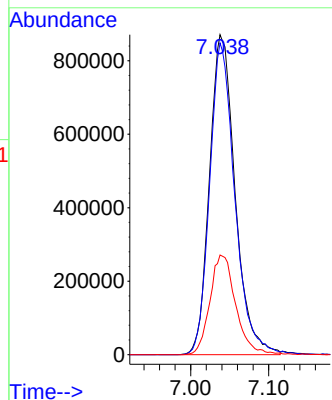
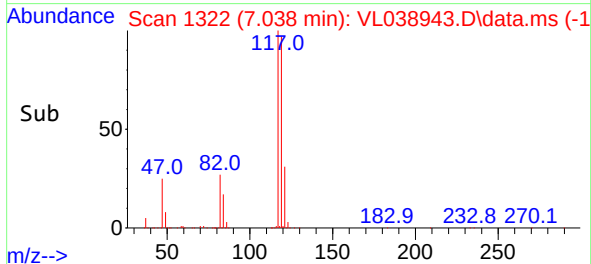
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



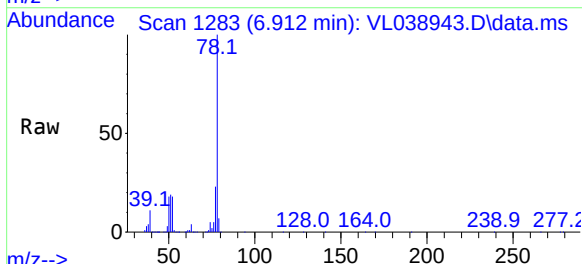
Tgt Ion: 117 Resp: 198496
Ion Ratio Lower Upper
117 100
119 97.4 77.7 116.5
121 31.2 24.5 36.7

Manual Integrations
APPROVED

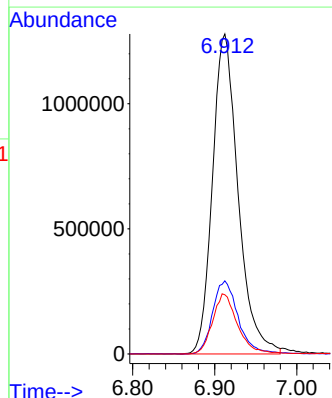
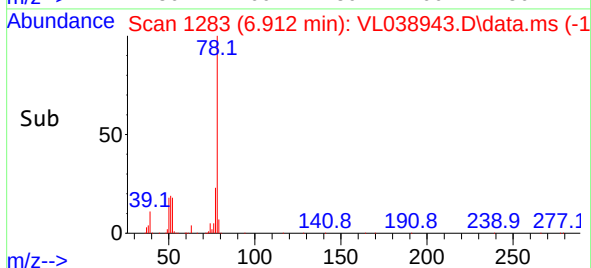
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

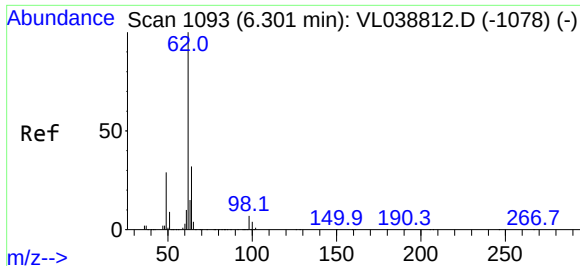


#36
Benzene
Concen: 9.480 ppbv
RT: 6.912 min Scan# 1283
Delta R.T. 0.026 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55



Tgt Ion: 78 Resp: 2781668
Ion Ratio Lower Upper
78 100
77 22.9 18.2 27.2
50 18.5 14.0 21.0





#37
1,2-Dichloroethane
Concen: 11.097 ppbv
RT: 6.327 min Scan# 1101
Delta R.T. 0.026 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

Instrument :

MSVOA_L

ClientSampleId :

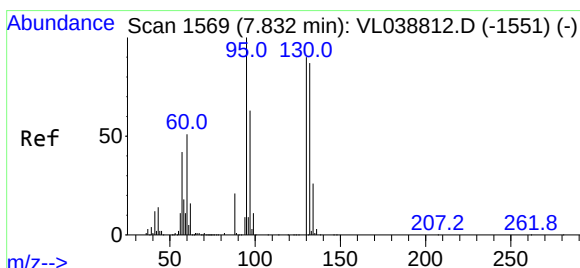
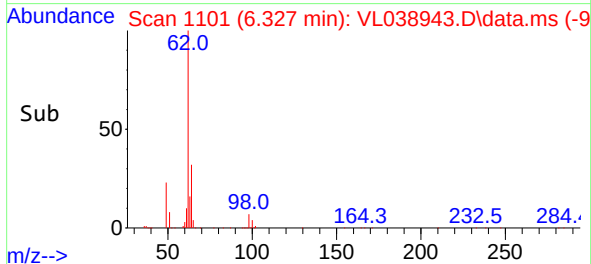
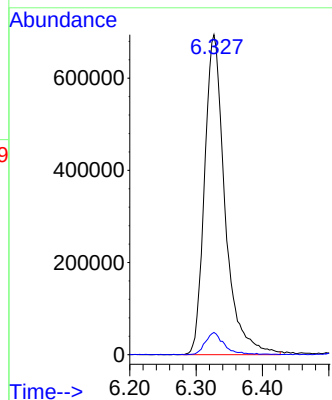
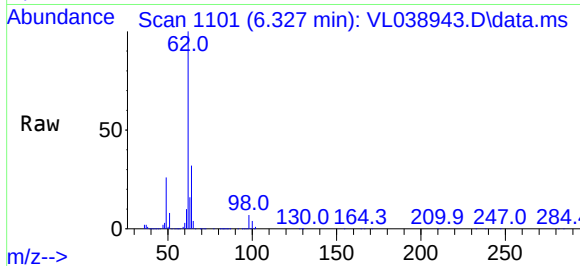
VSTDCCC010

Tgt Ion: 62 Resp: 1488758
Ion Ratio Lower Upper
62 100
98 6.7 5.9 8.9

Manual Integrations

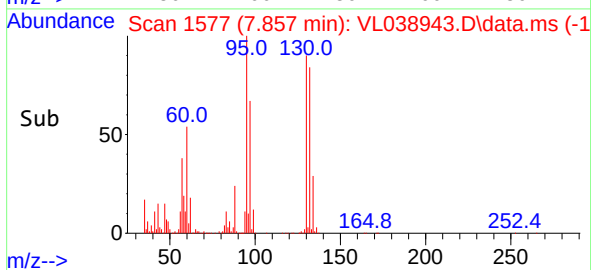
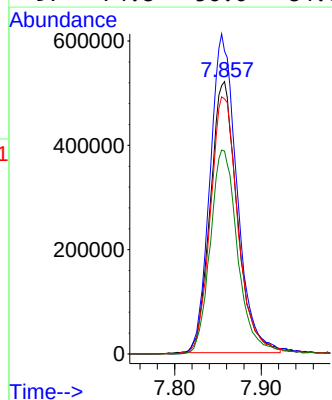
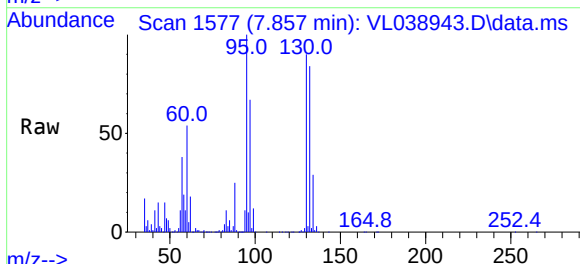
APPROVED

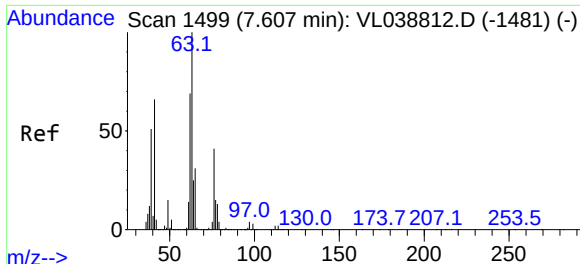
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#38
Trichloroethene
Concen: 9.328 ppbv
RT: 7.857 min Scan# 1577
Delta R.T. 0.026 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

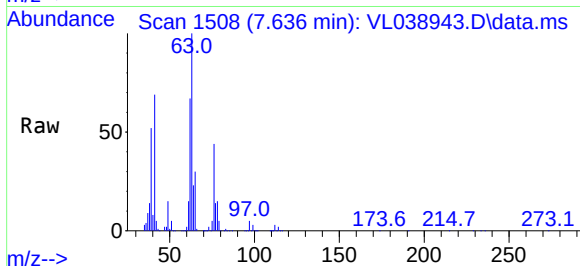
Tgt Ion:130 Resp: 1123034
Ion Ratio Lower Upper
130 100
95 111.6 89.4 134.0
132 93.9 77.7 116.5
97 74.8 56.0 84.0





#39
1,2-Dichloropropane
Concen: 9.558 ppbv
RT: 7.636 min Scan# 11
Delta R.T. 0.029 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

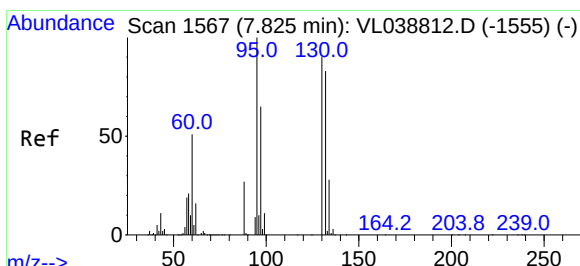
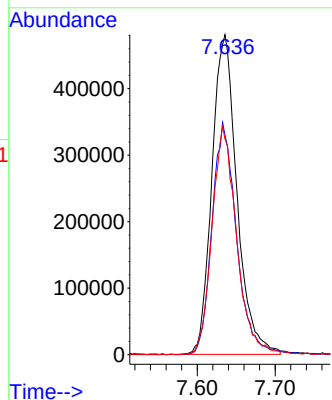
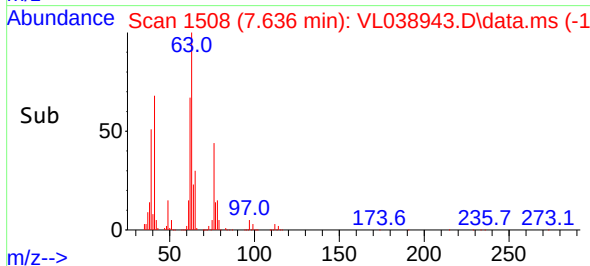
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 63 Resp: 107272
Ion Ratio Lower Upper
63 100
41 68.6 53.0 79.6
62 67.4 55.0 82.4

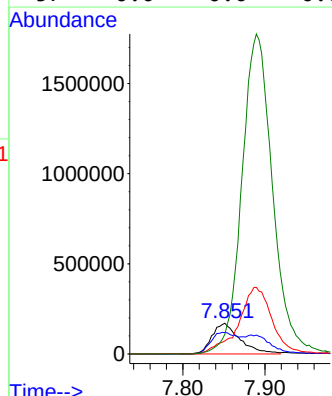
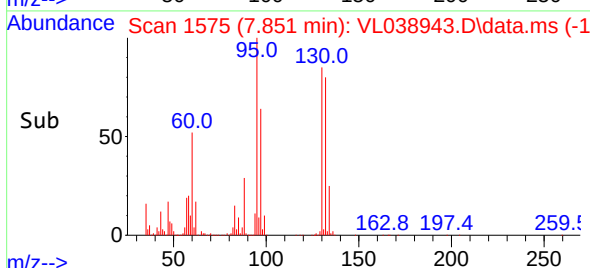
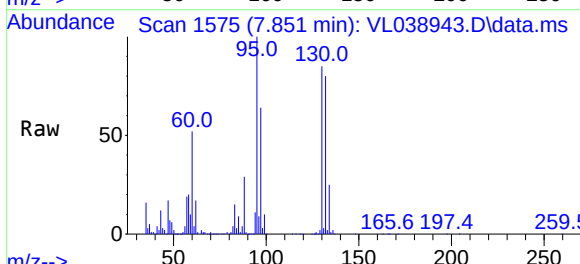
Manual Integrations
APPROVED

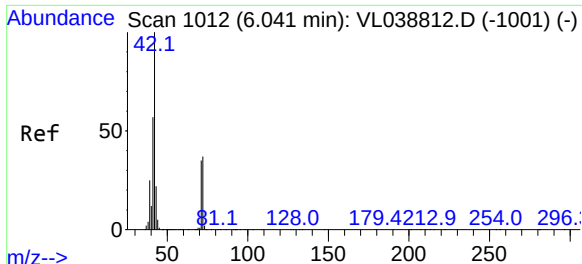
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#40
1,4-Dioxane
Concen: 10.552 ppbv
RT: 7.851 min Scan# 1575
Delta R.T. 0.026 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

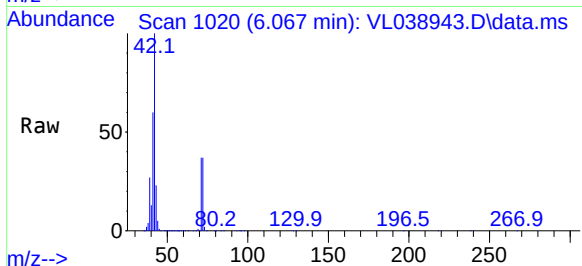
Tgt Ion: 88 Resp: 402134
Ion Ratio Lower Upper
88 100
58 66.6 49.4 74.0
43 0.0 0.0 0.0
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 9.529 ppbv
RT: 6.067 min Scan# 1012
Delta R.T. 0.026 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

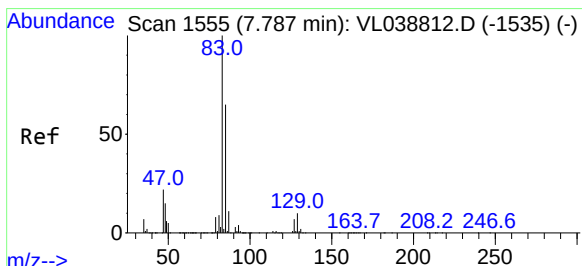
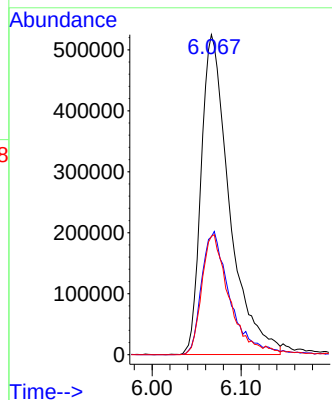
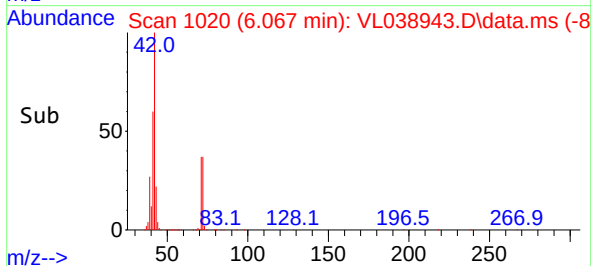
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 1153470
Ion Ratio Lower Upper
42 100
72 39.6 31.4 47.0
71 37.7 30.2 45.4

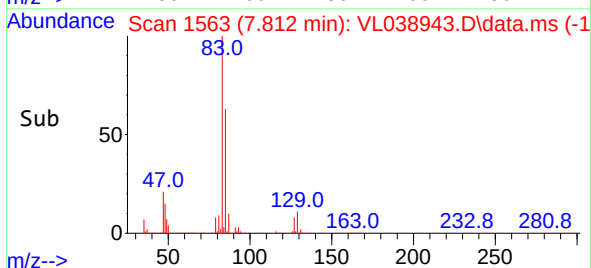
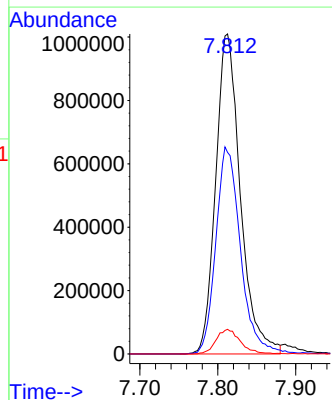
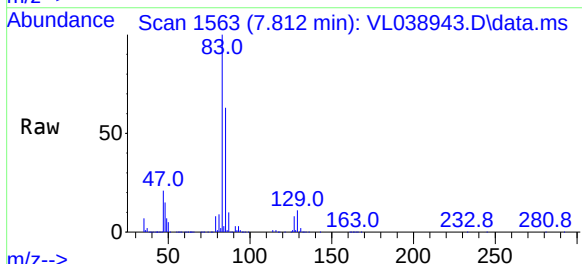
Manual Integrations
APPROVED

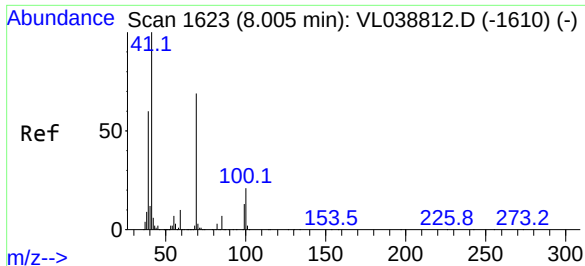
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#42
Bromodichloromethane
Concen: 10.509 ppbv
RT: 7.812 min Scan# 1563
Delta R.T. 0.026 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

Tgt Ion: 83 Resp: 2226360
Ion Ratio Lower Upper
83 100
85 63.0 51.7 77.5
127 7.7 5.9 8.9





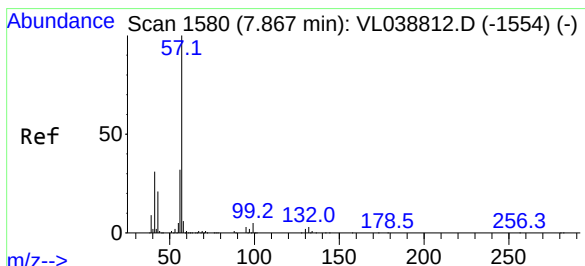
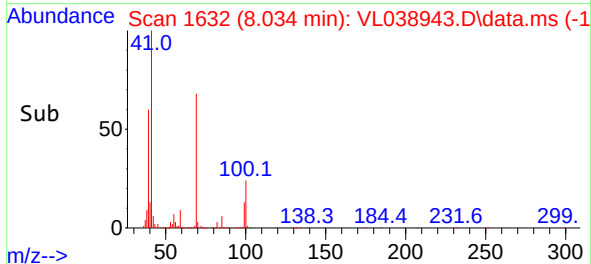
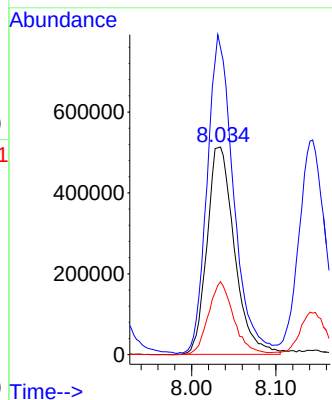
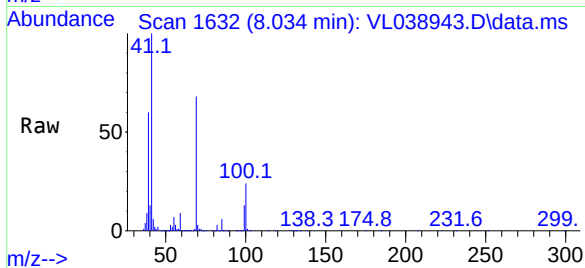
#43
Methyl Methacrylate
Concen: 10.328 ppbv
RT: 8.034 min Scan# 116069
Delta R.T. 0.029 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 116069
Ion Ratio Lower Upper
69 100
41 148.0 119.0 178.4
100 32.5 26.4 39.6

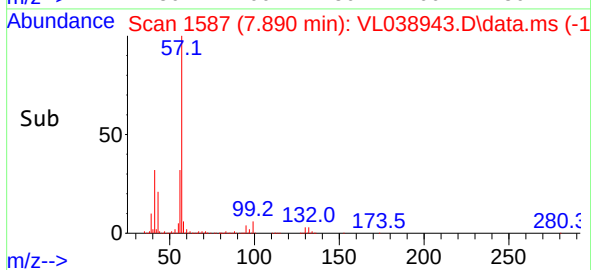
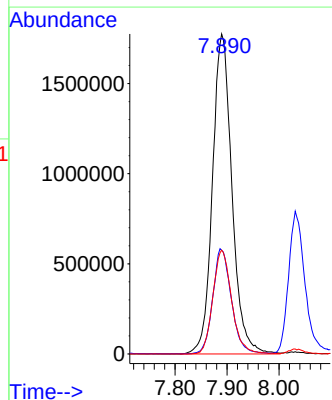
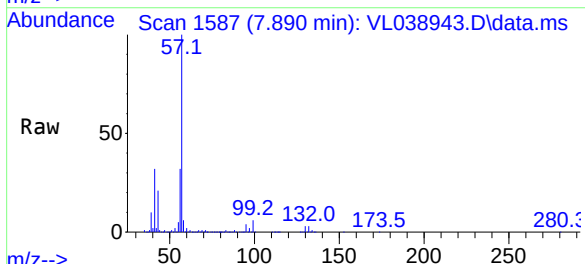
Manual Integrations
APPROVED

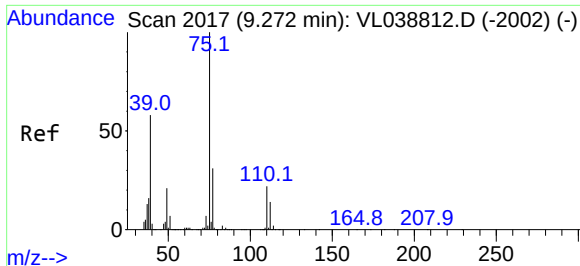
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#44
2,2,4-Trimethylpentane
Concen: 9.307 ppbv
RT: 7.890 min Scan# 1587
Delta R.T. 0.023 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

Tgt Ion: 57 Resp: 4623664
Ion Ratio Lower Upper
57 100
41 31.3 25.0 37.4
56 31.4 25.3 37.9





#45
t-1,3-Dichloropropene
Concen: 10.728 ppbv
RT: 9.301 min Scan# 20
Delta R.T. 0.029 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

Instrument :

MSVOA_L

ClientSampleId :

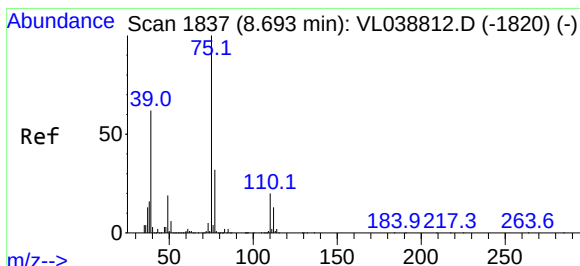
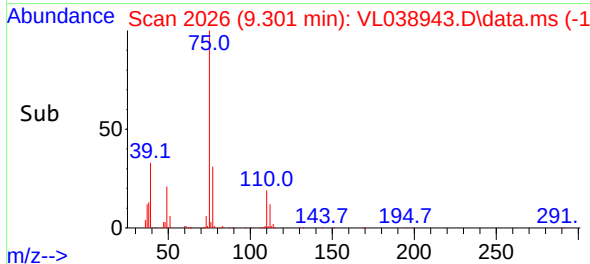
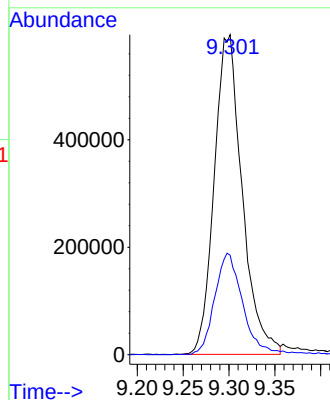
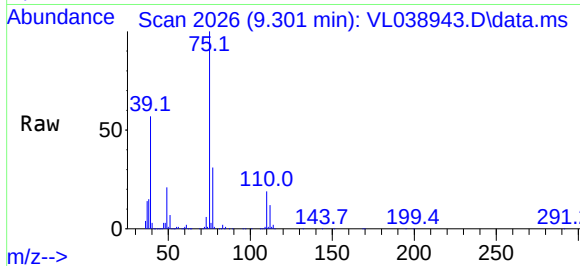
VSTDCCC010

Tgt Ion: 75 Resp: 126065
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.4

Manual Integrations

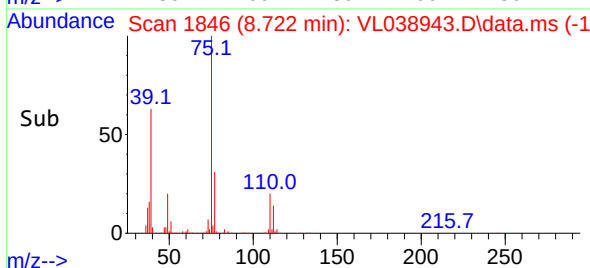
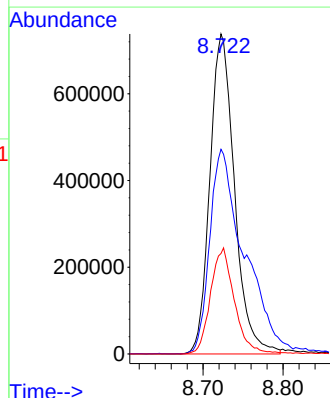
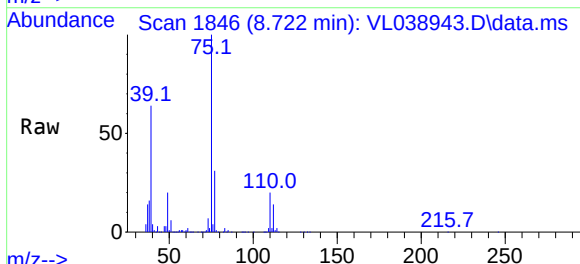
APPROVED

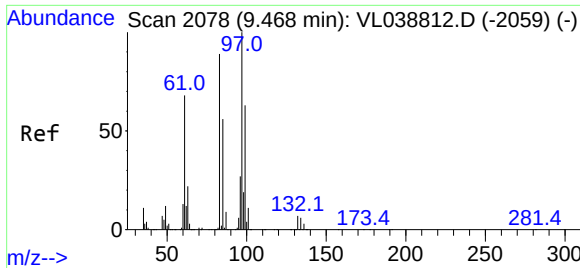
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#46
cis-1,3-Dichloropropene
Concen: 10.196 ppbv
RT: 8.722 min Scan# 1846
Delta R.T. 0.029 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

Tgt Ion: 75 Resp: 1579714
Ion Ratio Lower Upper
75 100
39 63.9 49.7 74.5
77 31.4 25.6 38.4





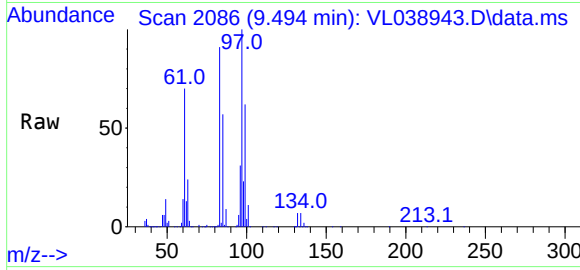
#47
1,1,2-Trichloroethane
Concen: 9.886 ppbv
RT: 9.494 min Scan# 2078
Delta R.T. 0.026 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



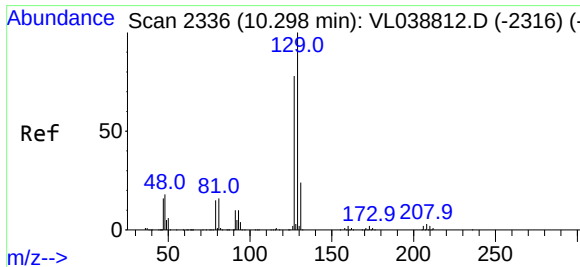
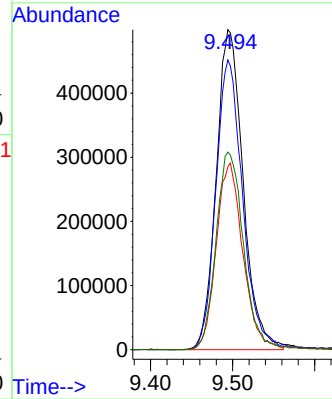
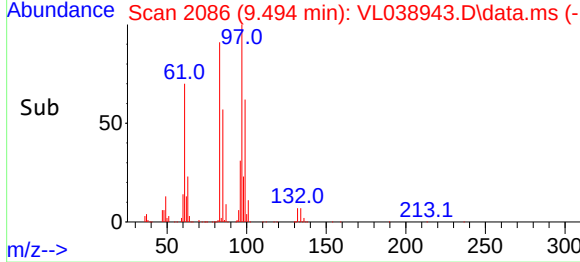
Tgt Ion: 97 Resp: 113688

Ion	Ratio	Lower	Upper
97	100		
83	90.5	71.1	106.7
85	57.1	45.1	67.7
99	61.8	50.8	76.2

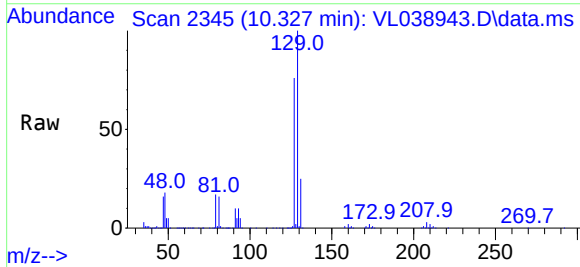
Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

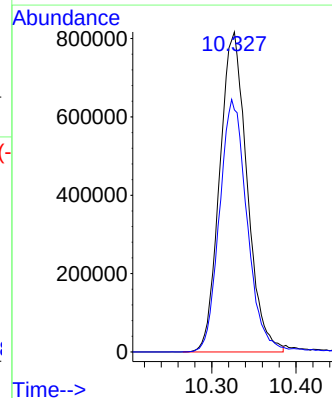
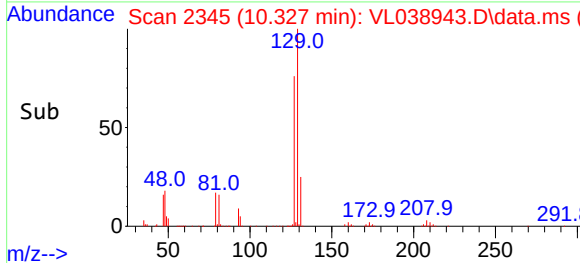


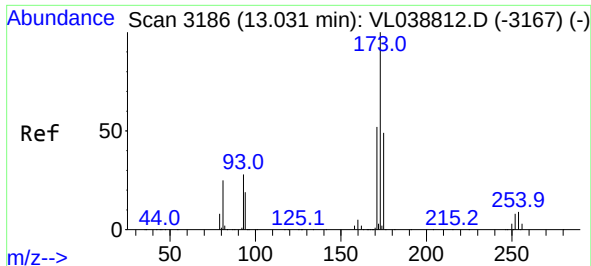
#48
Dibromochloromethane
Concen: 10.226 ppbv
RT: 10.327 min Scan# 2345
Delta R.T. 0.029 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55



Tgt Ion:129 Resp: 1843135

Ion	Ratio	Lower	Upper
129	100		
127	80.6	38.9	116.6





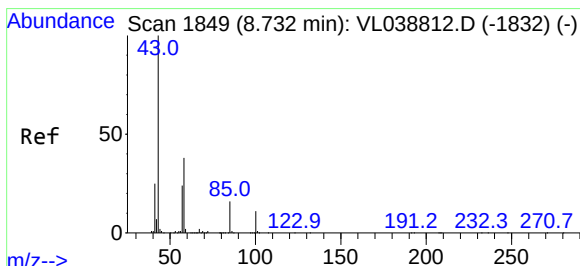
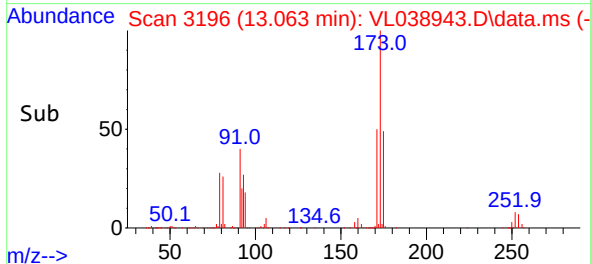
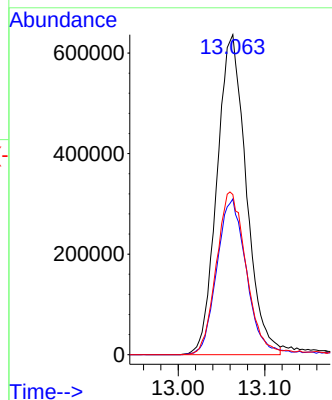
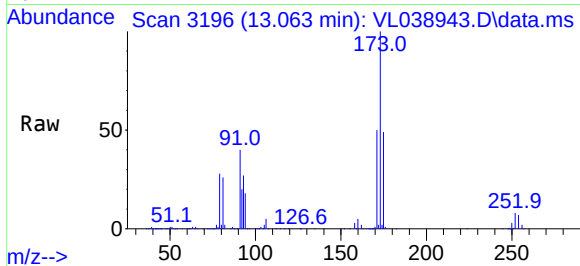
#49
Bromoform
Concen: 10.451 ppbv
RT: 13.063 min Scan# 3186
Delta R.T. 0.032 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 1491910
Ion Ratio Lower Upper
173 100
175 49.9 39.9 59.9
171 54.1 43.4 65.0

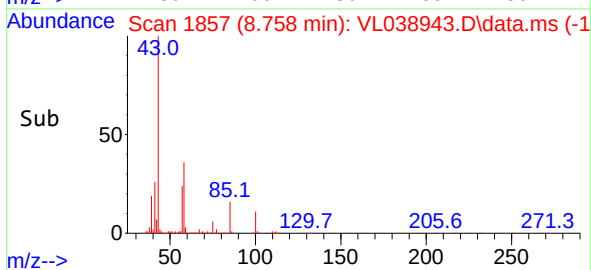
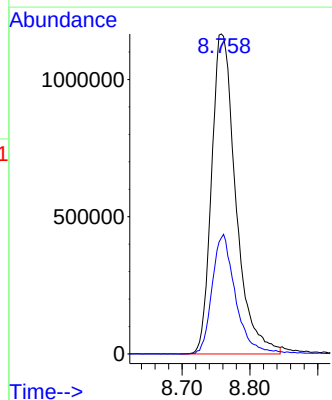
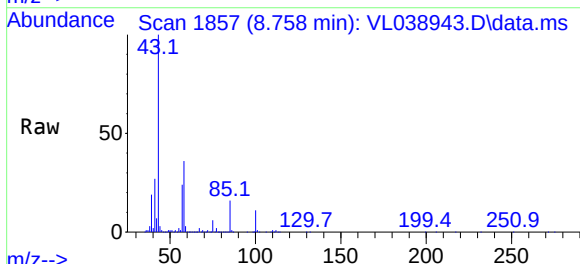
Manual Integrations
APPROVED

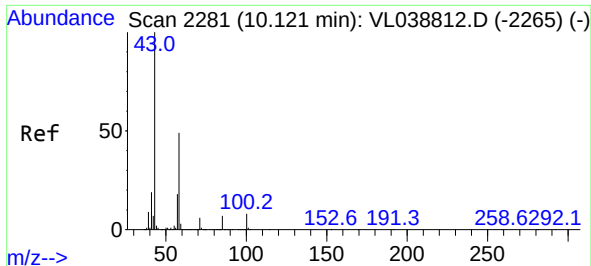
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#50
4-Methyl-2-Pentanone
Concen: 10.100 ppbv
RT: 8.758 min Scan# 1857
Delta R.T. 0.026 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

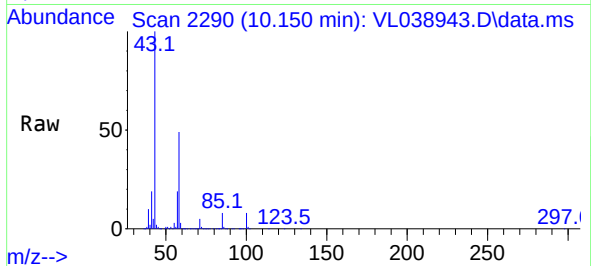
Tgt Ion: 43 Resp: 2895670
Ion Ratio Lower Upper
43 100
58 36.6 29.0 43.6





#51
2-Hexanone
Concen: 10.598 ppbv
RT: 10.150 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

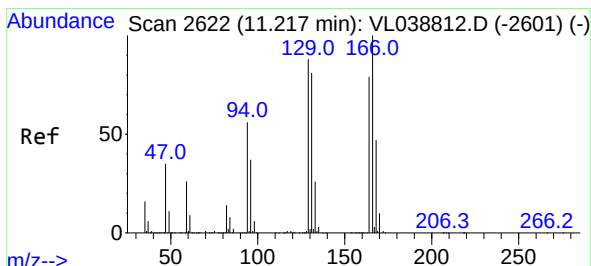
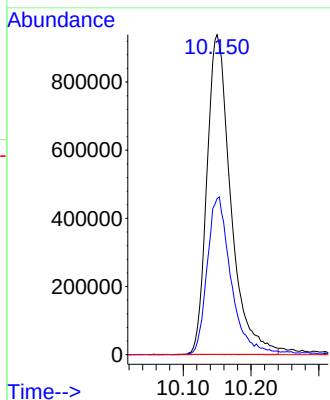
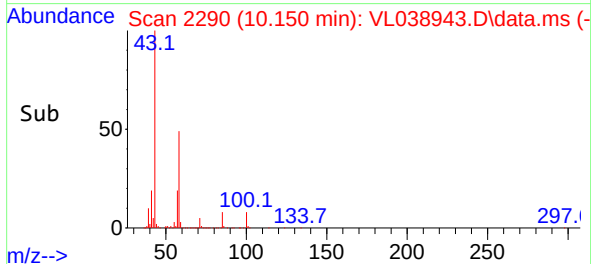
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



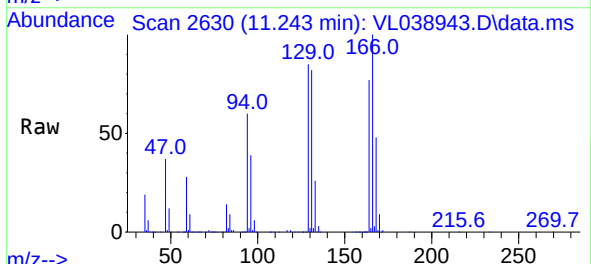
Tgt Ion: 43 Resp: 228921
Ion Ratio Lower Upper
43 100
58 50.5 41.4 62.0
98 0.1 0.1 0.1

Manual Integrations
APPROVED

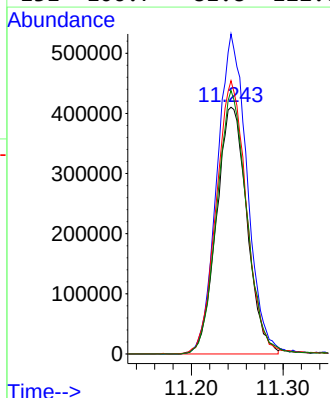
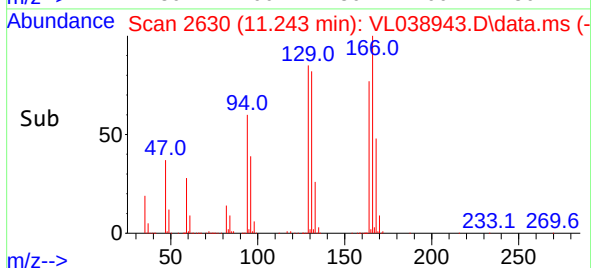
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

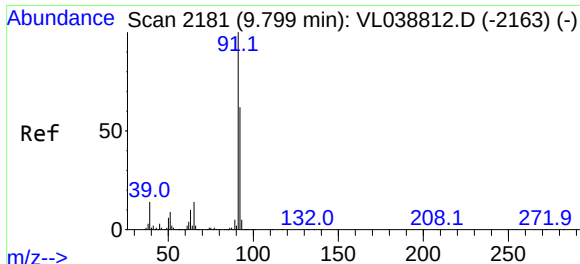


#52
Tetrachloroethene
Concen: 9.243 ppbv
RT: 11.243 min Scan# 2630
Delta R.T. 0.026 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55



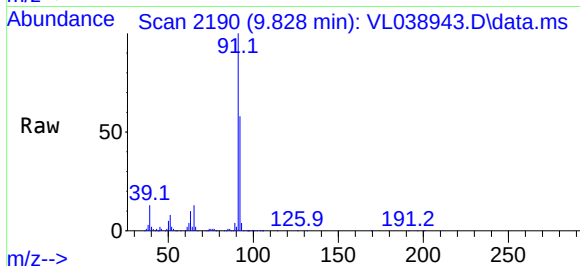
Tgt Ion:164 Resp: 947355
Ion Ratio Lower Upper
164 100
166 129.7 101.0 151.6
129 110.7 88.7 133.1
131 106.7 81.8 122.6





#53
Toluene
Concen: 9.668 ppbv
RT: 9.828 min Scan# 2181
Delta R.T. 0.029 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

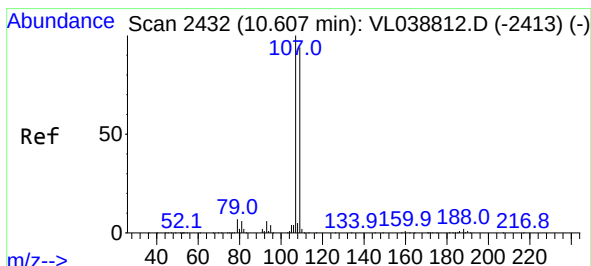
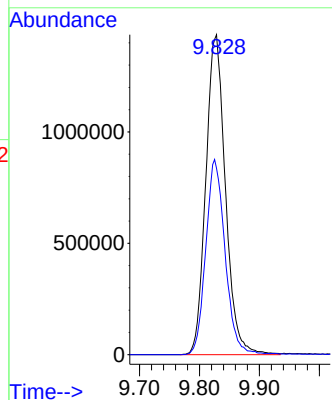
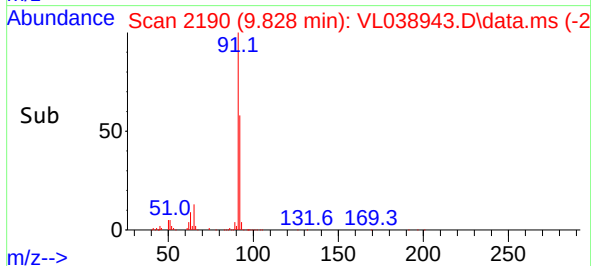
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



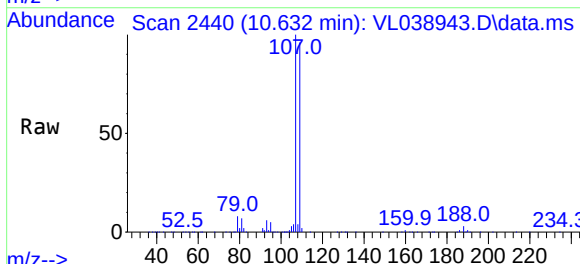
Tgt Ion: 91 Resp: 327485
Ion Ratio Lower Upper
91 100
92 60.2 49.2 73.8

Manual Integrations
APPROVED

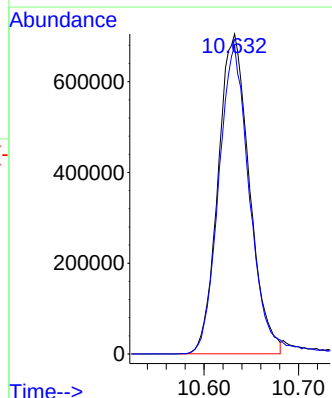
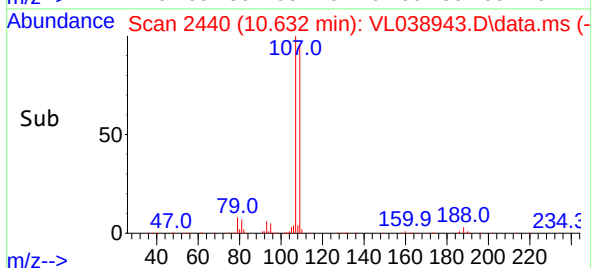
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

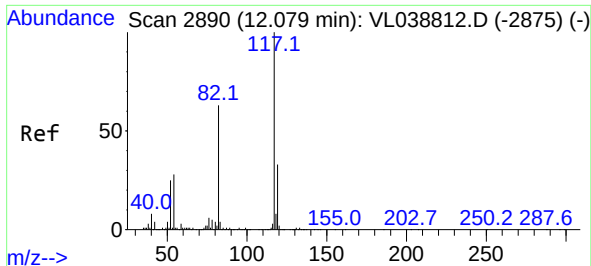


#54
1,2-Dibromoethane
Concen: 10.129 ppbv
RT: 10.632 min Scan# 2440
Delta R.T. 0.026 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55



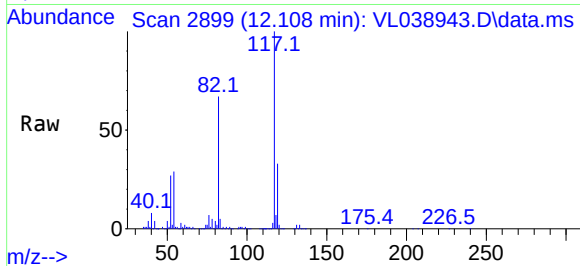
Tgt Ion:107 Resp: 1618072
Ion Ratio Lower Upper
107 100
109 96.2 75.5 113.3





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.108 min Scan# 2890
Delta R.T. 0.029 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

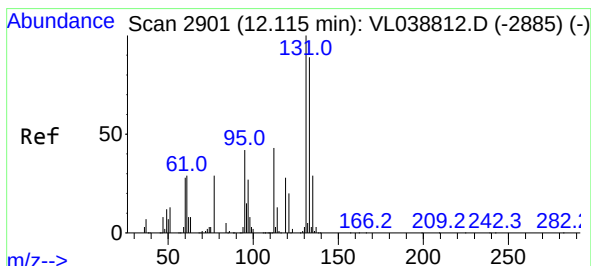
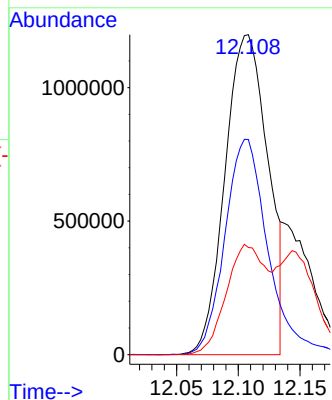
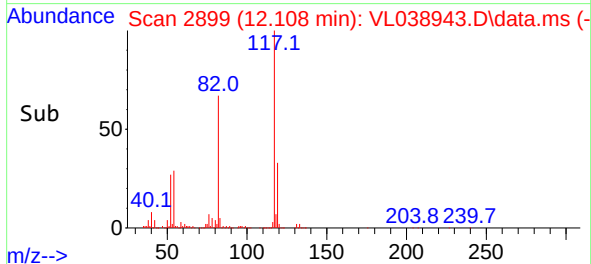
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



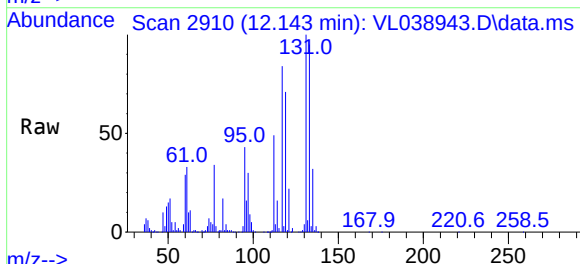
Tgt Ion:117 Resp: 2895828
Ion Ratio Lower Upper
117 100
82 68.6 53.0 79.6
119 32.6 24.9 37.3

Manual Integrations
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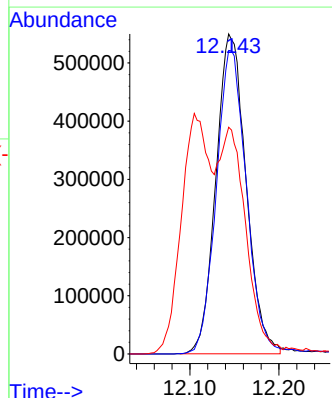
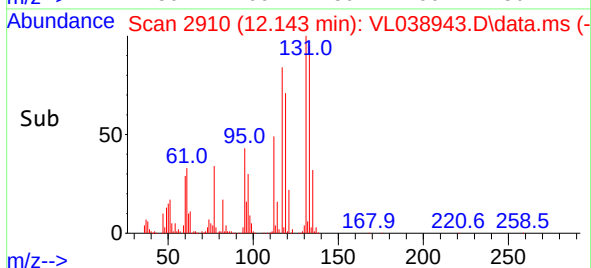
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

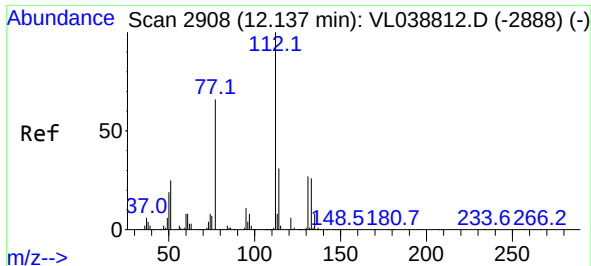


#56
1,1,1,2-Tetrachloroethane
Concen: 10.172 ppbv
RT: 12.143 min Scan# 2910
Delta R.T. 0.029 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55



Tgt Ion:131 Resp: 1290817
Ion Ratio Lower Upper
131 100
133 96.3 78.2 117.4
119 70.4 58.6 87.8





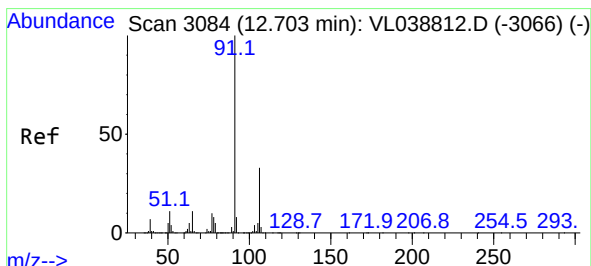
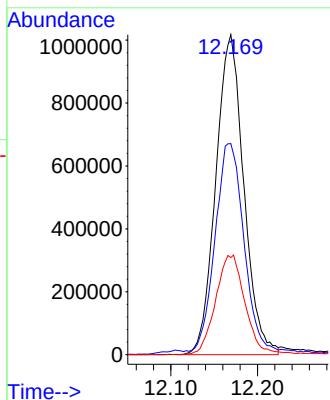
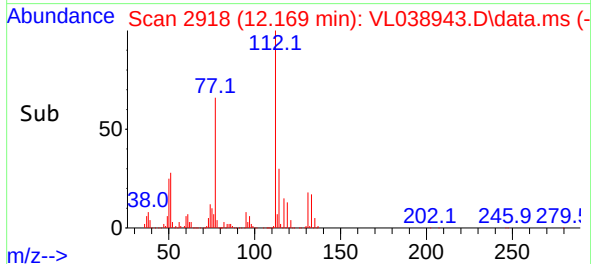
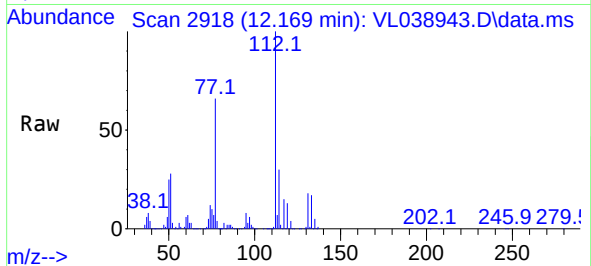
#57
Chlorobenzene
Concen: 9.635 ppbv
RT: 12.169 min Scan# 2908
Delta R.T. 0.032 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 2285230
Ion Ratio Lower Upper
112 100
77 64.7 52.4 78.6
114 30.3 28.1 34.3

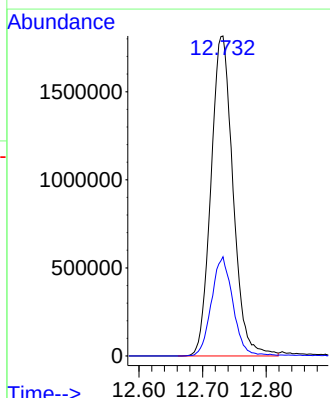
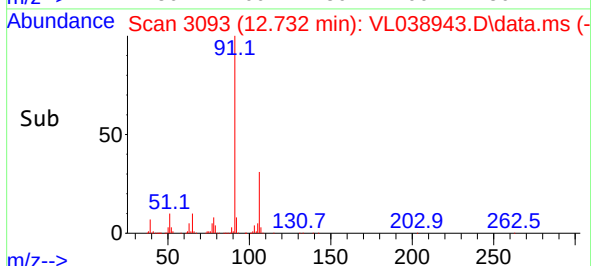
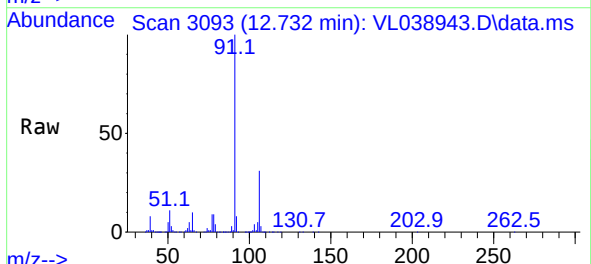
Manual Integrations
APPROVED

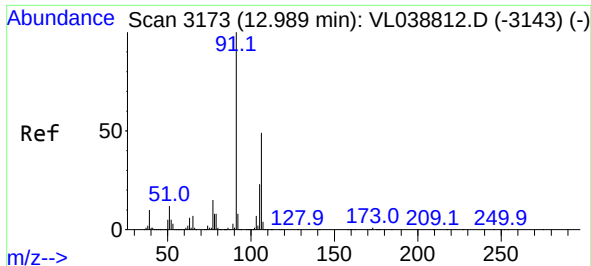
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#58
Ethyl Benzene
Concen: 10.103 ppbv
RT: 12.732 min Scan# 3093
Delta R.T. 0.029 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

Tgt Ion: 91 Resp: 4371770
Ion Ratio Lower Upper
91 100
106 31.0 26.7 40.1





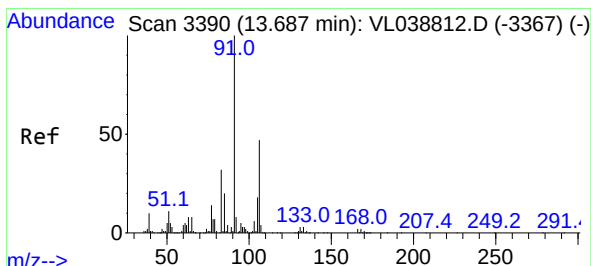
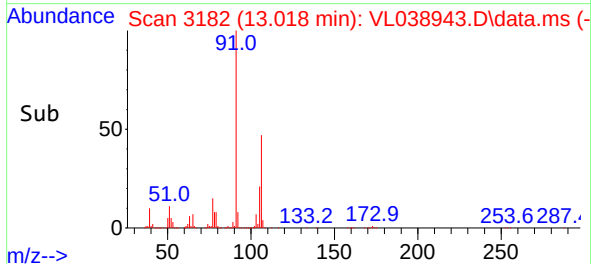
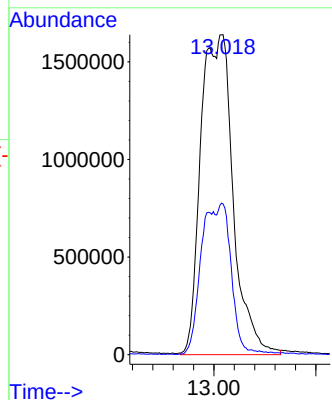
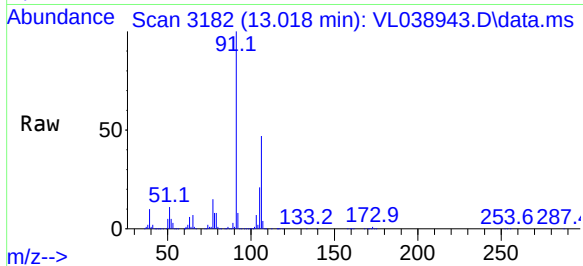
#59
m/p-Xylene
Concen: 19.914 ppbv m
RT: 13.018 min Scan# 3173
Delta R.T. 0.029 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 723952
Ion Ratio Lower Upper
91 100
106 43.7 37.1 55.7

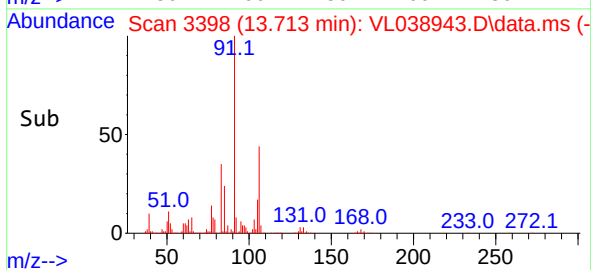
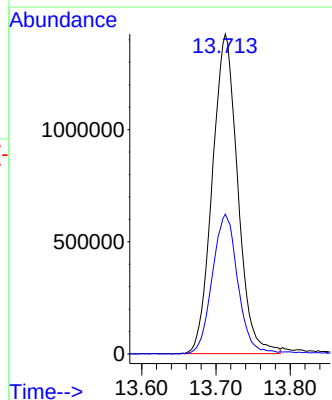
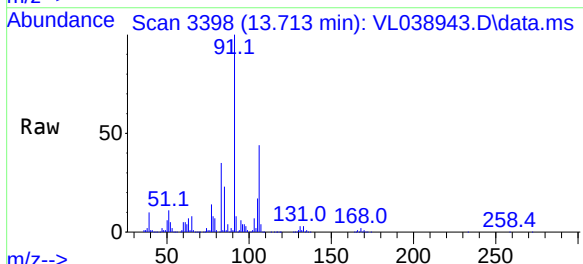
Manual Integrations
APPROVED

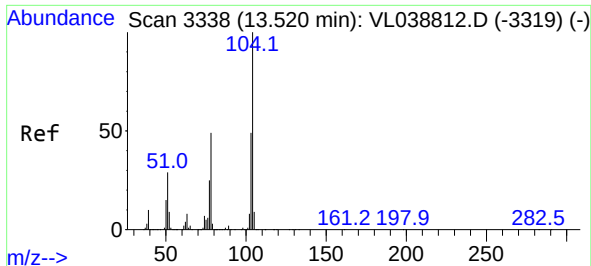
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#60
o-Xylene
Concen: 9.966 ppbv
RT: 13.713 min Scan# 3398
Delta R.T. 0.026 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

Tgt Ion: 91 Resp: 3390367
Ion Ratio Lower Upper
91 100
106 44.8 23.8 71.4





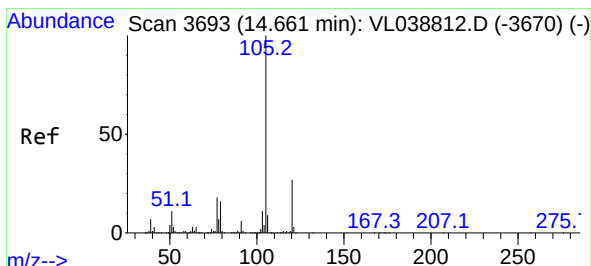
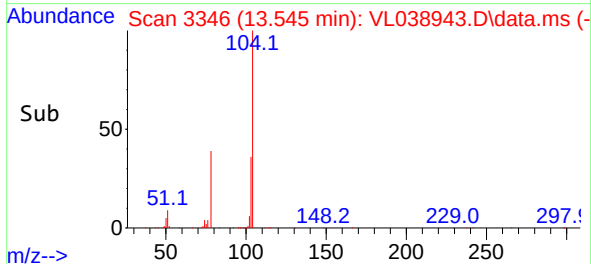
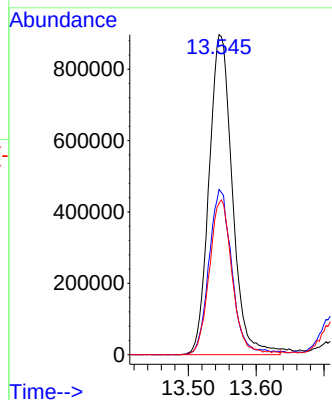
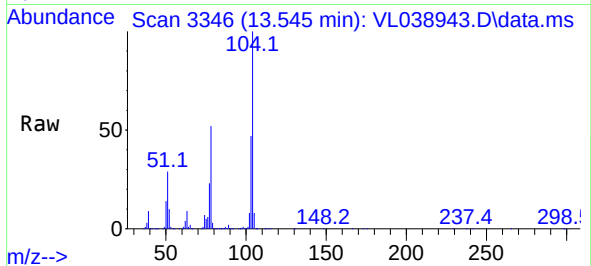
#61
Styrene
Concen: 10.332 ppbv
RT: 13.545 min Scan# 31
Delta R.T. 0.026 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 214139
Ion Ratio Lower Upper
104 100
78 51.2 40.5 60.7
103 47.8 39.0 58.4

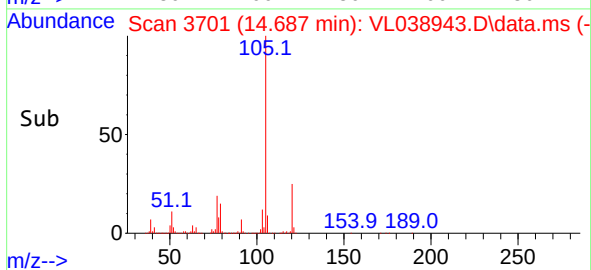
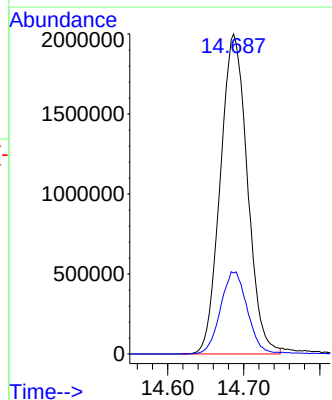
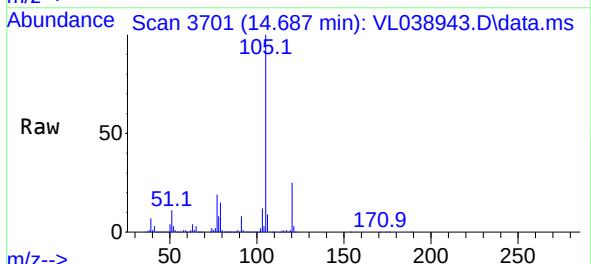
Manual Integrations
APPROVED

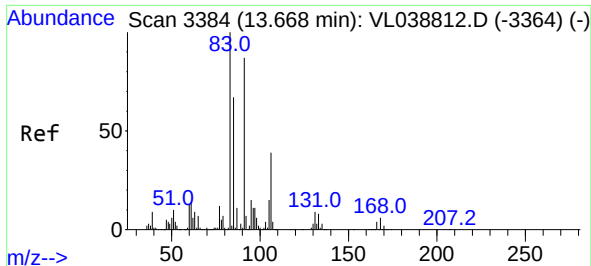
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#62
Isopropylbenzene
Concen: 9.678 ppbv
RT: 14.687 min Scan# 3701
Delta R.T. 0.026 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

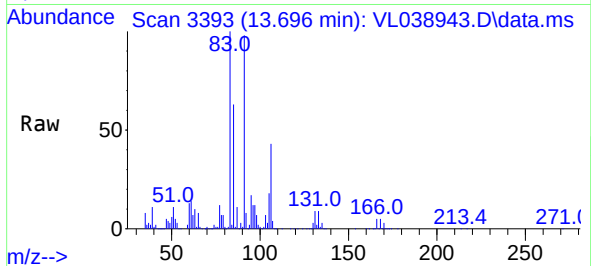
Tgt Ion:105 Resp: 4941745
Ion Ratio Lower Upper
105 100
120 25.9 21.8 32.8





#63
1,1,2,2-Tetrachloroethane
Concen: 9.887 ppbv
RT: 13.696 min Scan# 31
Delta R.T. 0.029 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

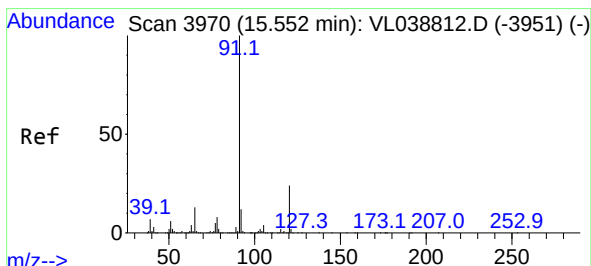
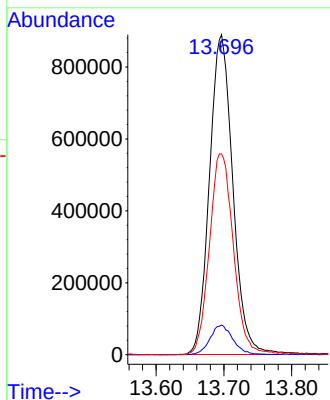
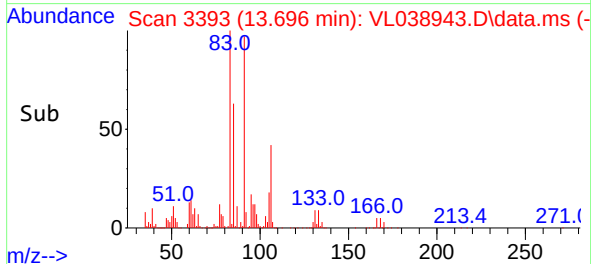
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



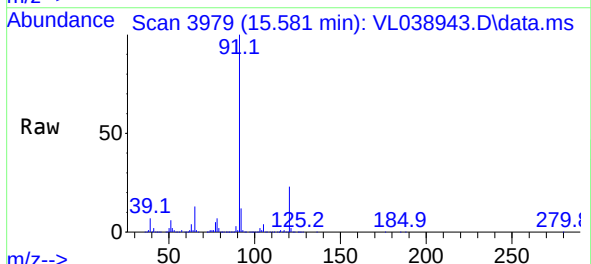
Tgt Ion: 83 Resp: 2130170
Ion Ratio Lower Upper
83 100
131 9.2 4.6 13.8
85 65.2 33.0 99.0

Manual Integrations
APPROVED

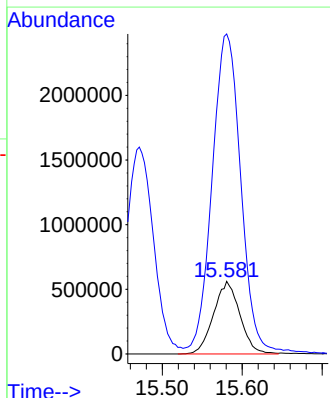
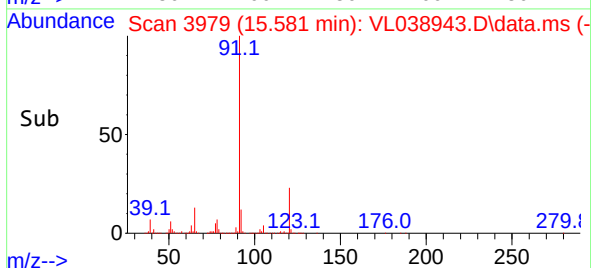
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

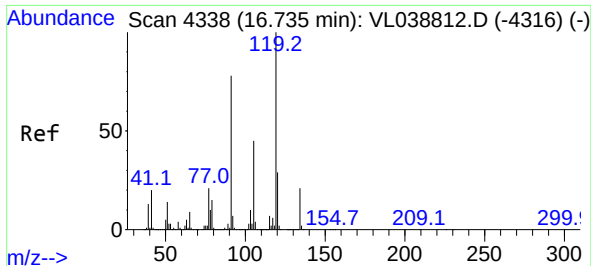


#64
n-propylbenzene
Concen: 9.659 ppbv
RT: 15.581 min Scan# 3979
Delta R.T. 0.029 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55



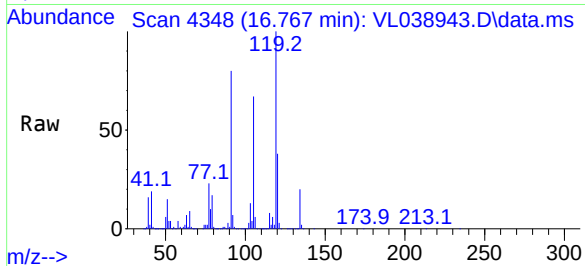
Tgt Ion:120 Resp: 1280641
Ion Ratio Lower Upper
120 100
91 484.8 360.6 540.8





#65
tert-Butylbenzene
Concen: 9.406 ppbv
RT: 16.767 min Scan# 41
Delta R.T. 0.032 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

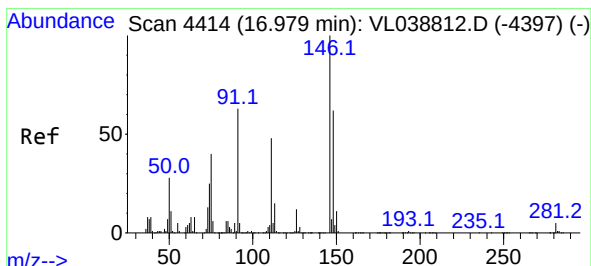
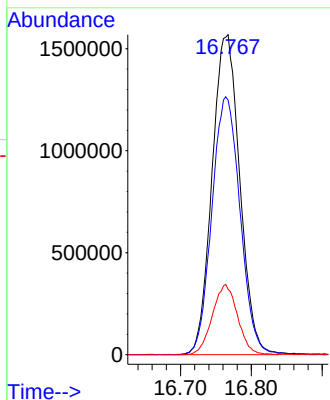
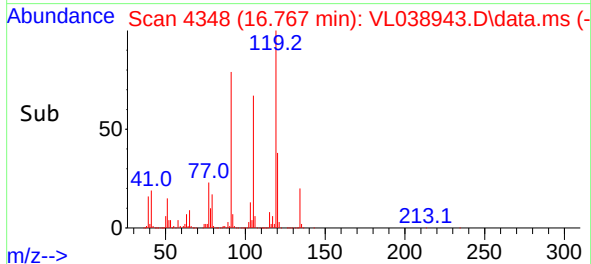
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



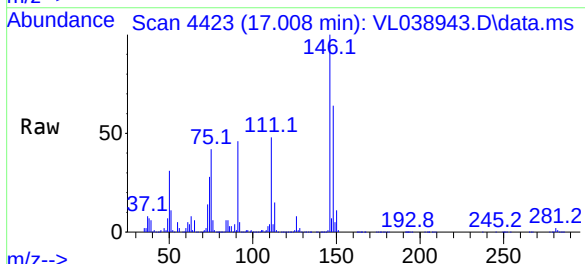
Tgt Ion: 119 Resp: 4260970
Ion Ratio Lower Upper
119 100
91 82.3 62.8 94.2
134 20.1 16.2 24.4

Manual Integrations
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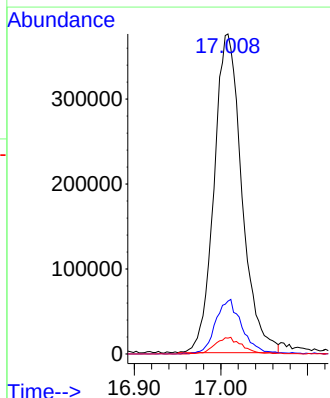
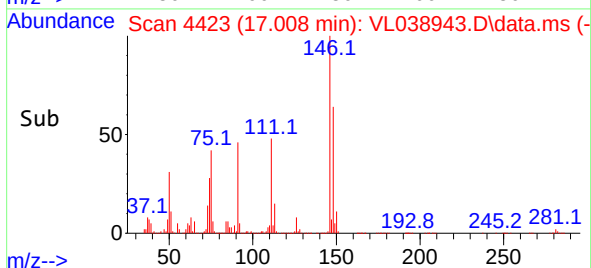
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

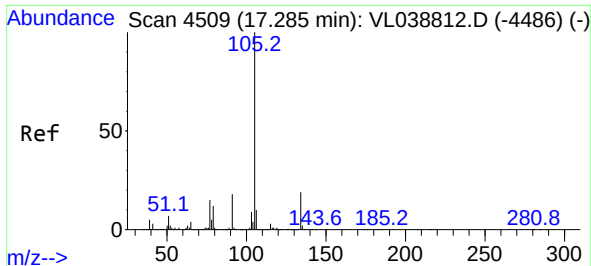


#66
Benzyl Chloride
Concen: 9.053 ppbv
RT: 17.008 min Scan# 4423
Delta R.T. 0.029 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55



Tgt Ion: 91 Resp: 834967
Ion Ratio Lower Upper
91 100
126 16.6 15.4 23.0
128 5.2 4.7 7.1





#67
 sec-Butylbenzene
 Concen: 9.663 ppbv
 RT: 17.314 min Scan# 41
 Delta R.T. 0.029 min
 Lab File: VL038943.D
 Acq: 19 Apr 2022 9:55

Instrument :

MSVOA_L

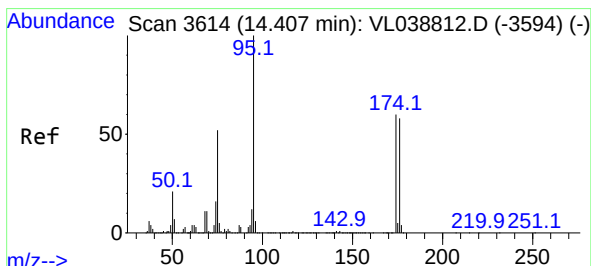
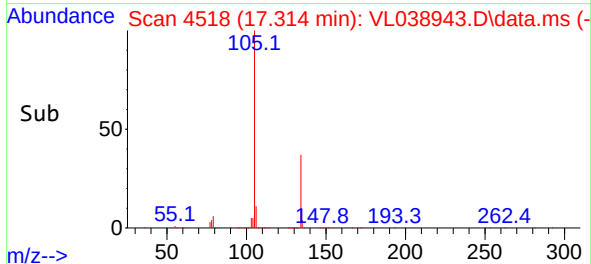
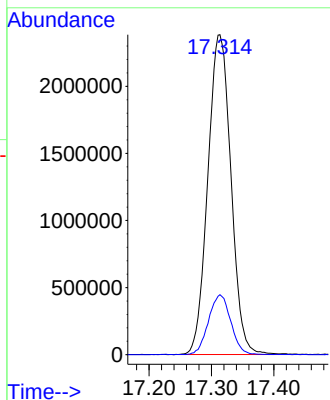
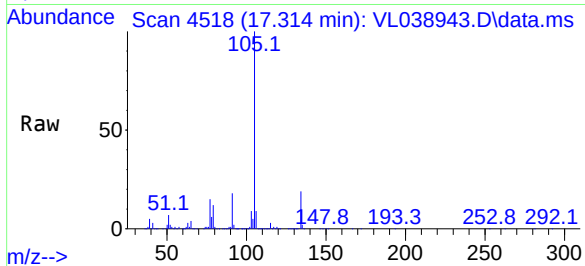
ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 6142544
 Ion Ratio Lower Upper
 105 100
 134 18.2 15.1 22.7

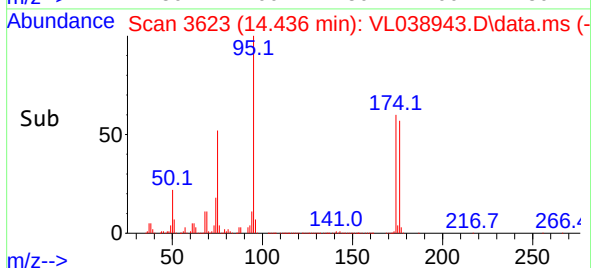
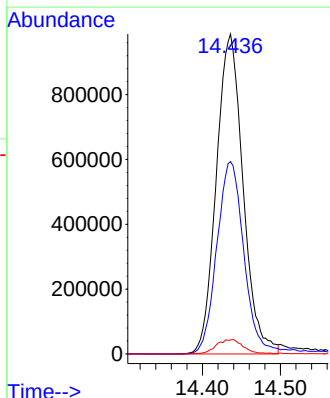
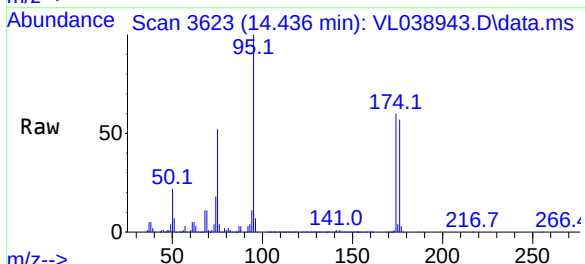
Manual Integrations
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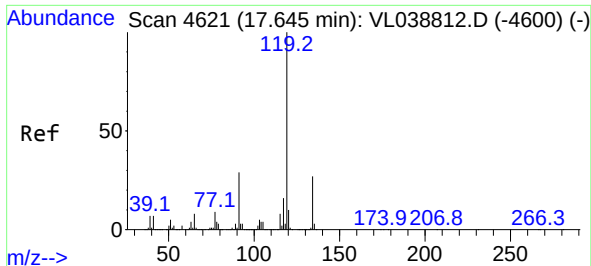
Reviewed By :Semsettin Yesilyurt 04/20/2022
 Supervised By :Mahesh Dadoda 04/20/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.736 ppbv
 RT: 14.436 min Scan# 3623
 Delta R.T. 0.029 min
 Lab File: VL038943.D
 Acq: 19 Apr 2022 9:55

Tgt Ion: 95 Resp: 2358256
 Ion Ratio Lower Upper
 95 100
 174 62.9 52.0 78.0
 175 4.6 4.0 6.0





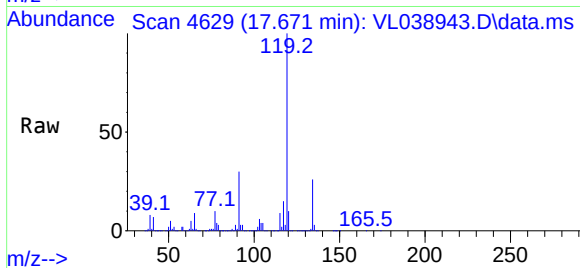
#69
p-Isopropyltoluene
Concen: 9.711 ppbv
RT: 17.671 min Scan# 4629
Delta R.T. 0.026 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

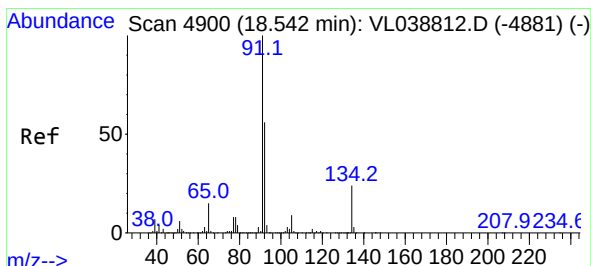
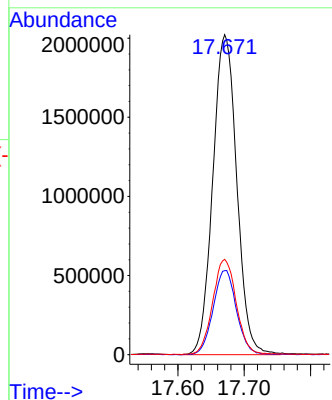
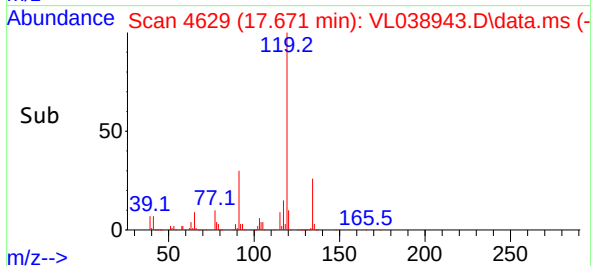


Tgt Ion:119 Resp: 5068499
Ion Ratio Lower Upper
119 100
134 25.8 20.8 31.2
91 29.5 22.6 34.0

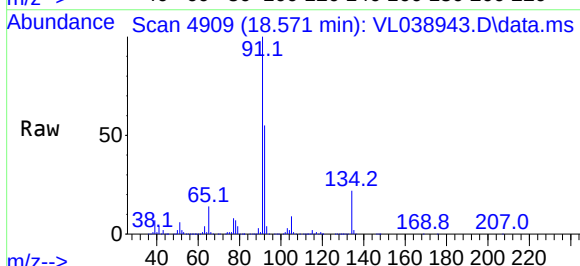
Manual Integrations

APPROVED

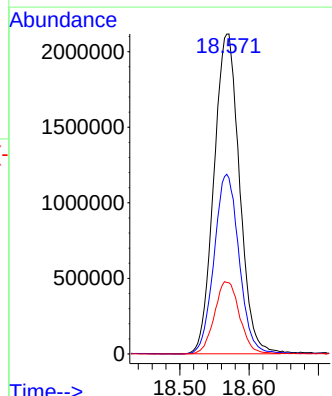
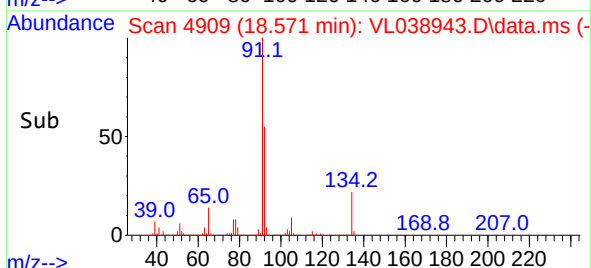
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

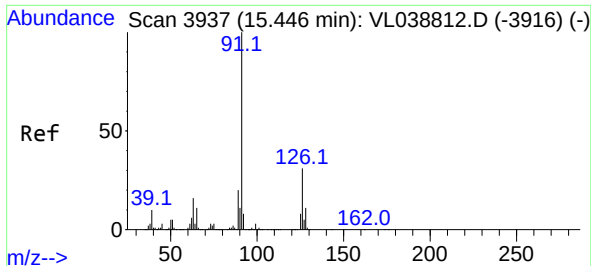


#70
n-Butylbenzene
Concen: 10.317 ppbv
RT: 18.571 min Scan# 4909
Delta R.T. 0.029 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55



Tgt Ion: 91 Resp: 5425133
Ion Ratio Lower Upper
91 100
92 55.1 44.6 66.8
134 22.3 19.2 28.8





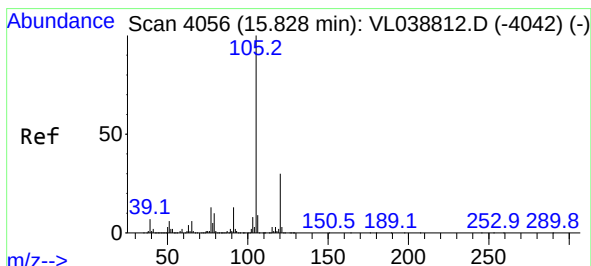
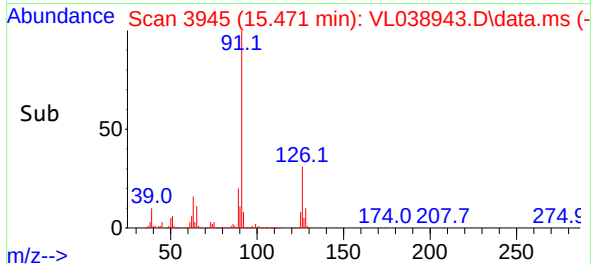
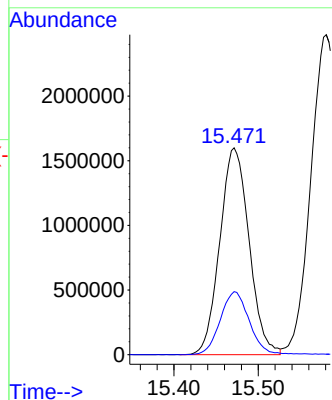
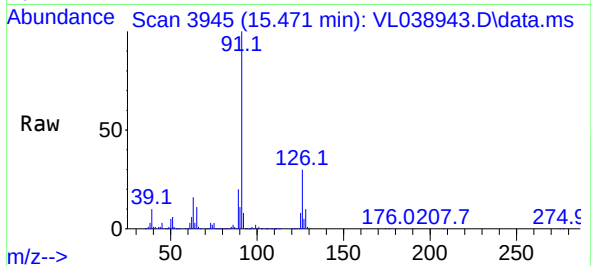
#71
2-Chlorotoluene
Concen: 10.040 ppbv
RT: 15.471 min Scan# 3937
Delta R.T. 0.026 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 385494
Ion Ratio Lower Upper
91 100
126 30.7 13.0 51.8

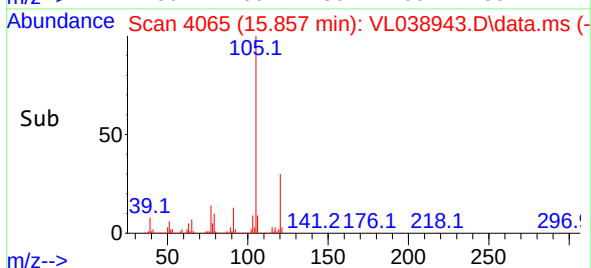
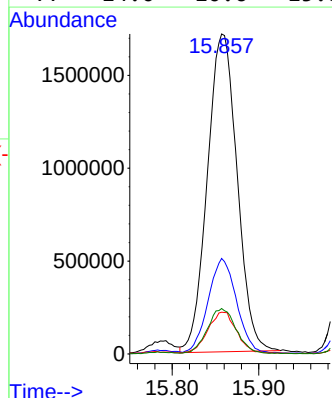
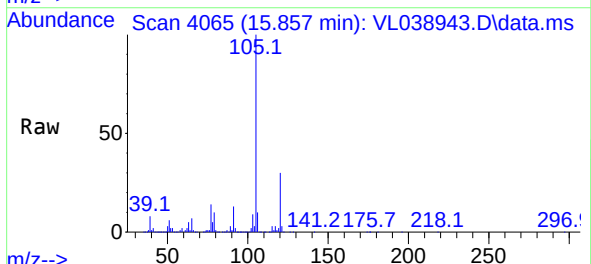
Manual Integrations
APPROVED

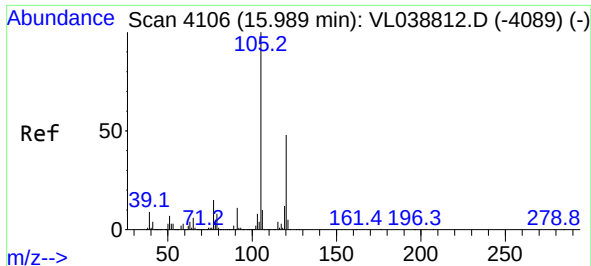
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#72
4-Ethyltoluene
Concen: 10.074 ppbv
RT: 15.857 min Scan# 4065
Delta R.T. 0.029 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

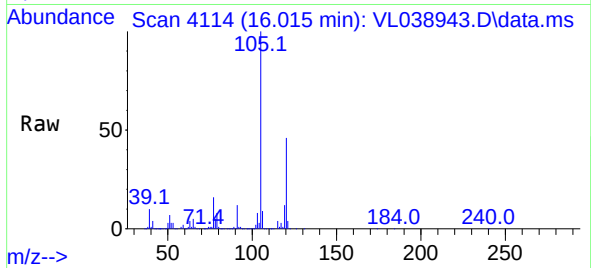
Tgt Ion:105 Resp: 4091969
Ion Ratio Lower Upper
105 100
120 29.2 24.3 36.5
91 12.7 9.4 14.2
77 14.0 10.6 15.8





#73
 1,3,5-Trimethylbenzene
 Concen: 10.054 ppbv
 RT: 16.015 min Scan# 4114
 Delta R.T. 0.026 min
 Lab File: VL038943.D
 Acq: 19 Apr 2022 9:55

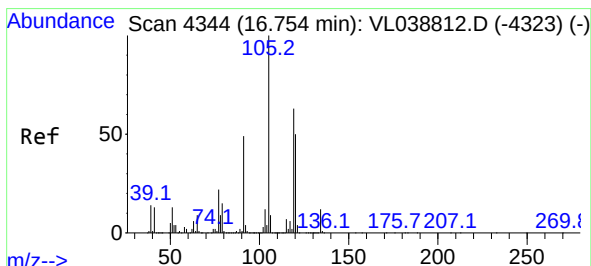
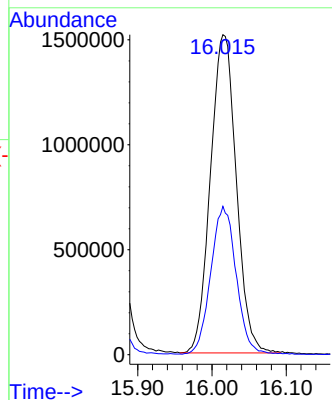
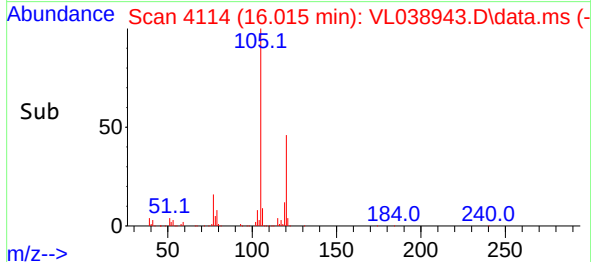
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



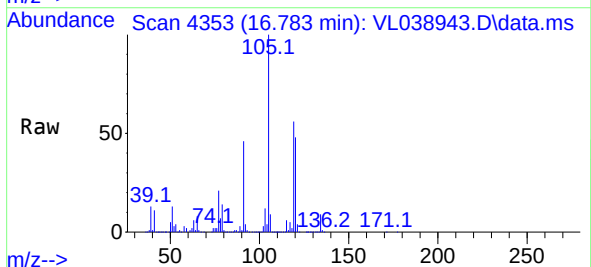
Tgt Ion:105 Resp: 366879
 Ion Ratio Lower Upper
 105 100
 120 46.4 38.7 58.1

Manual Integrations
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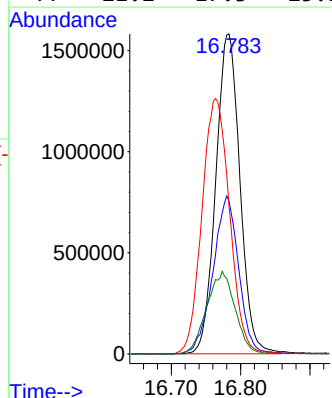
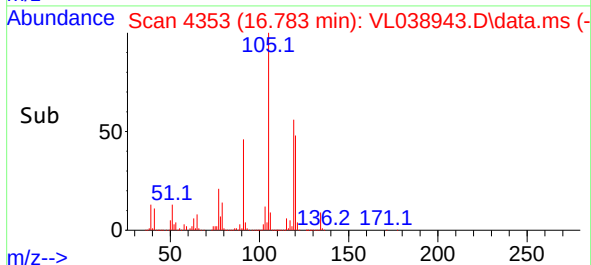
Reviewed By :Semsettin Yesilyurt 04/20/2022
 Supervised By :Mahesh Dadoda 04/20/2022

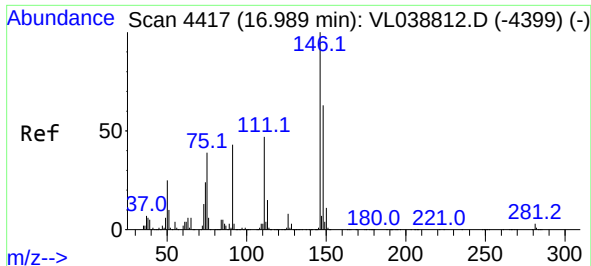


#74
 1,2,4-Trimethylbenzene
 Concen: 9.937 ppbv
 RT: 16.783 min Scan# 4353
 Delta R.T. 0.029 min
 Lab File: VL038943.D
 Acq: 19 Apr 2022 9:55



Tgt Ion:105 Resp: 3833151
 Ion Ratio Lower Upper
 105 100
 120 47.6 39.8 59.8
 91 46.1 39.4 59.0
 77 21.2 17.3 25.9





#75

1,3-Dichlorobenzene

Concen: 9.920 ppbv

RT: 17.015 min Scan# 4417

Delta R.T. 0.026 min

Lab File: VL038943.D

Acq: 19 Apr 2022 9:55

Instrument :

MSVOA_1

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 2221800

Ion Ratio Lower Upper

146 100

111 47.0 23.8 71.2

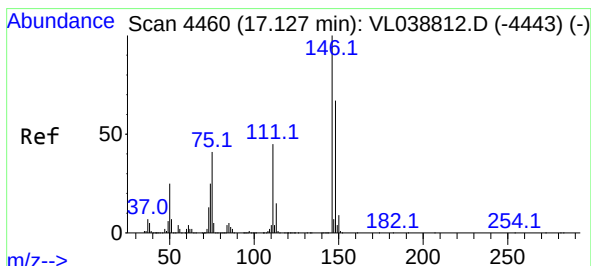
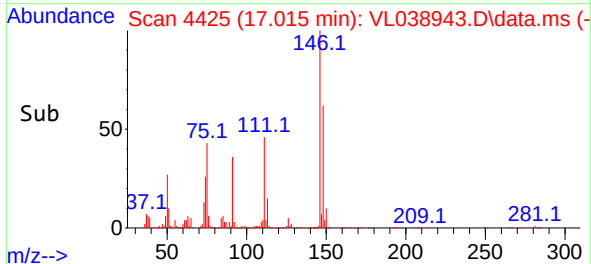
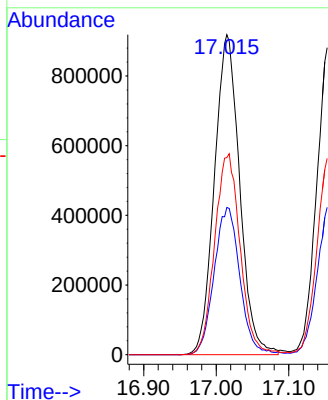
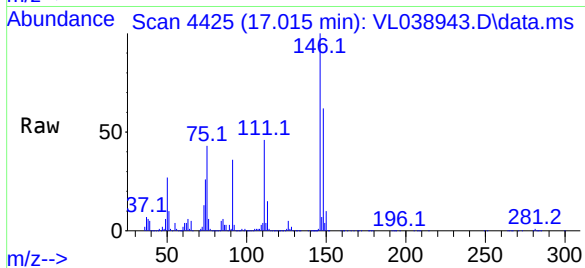
148 63.4 31.8 95.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/20/2022

Supervised By :Mahesh Dadoda 04/20/2022



#76

1,4-Dichlorobenzene

Concen: 9.907 ppbv

RT: 17.159 min Scan# 4470

Delta R.T. 0.032 min

Lab File: VL038943.D

Acq: 19 Apr 2022 9:55

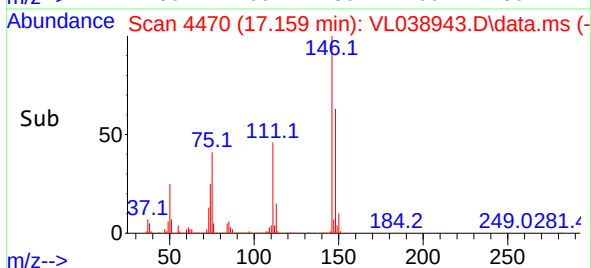
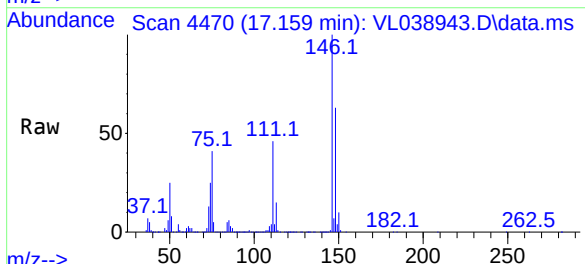
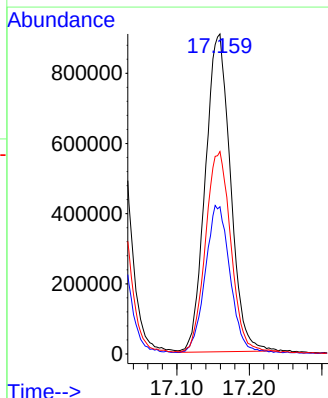
Tgt Ion:146 Resp: 2185634

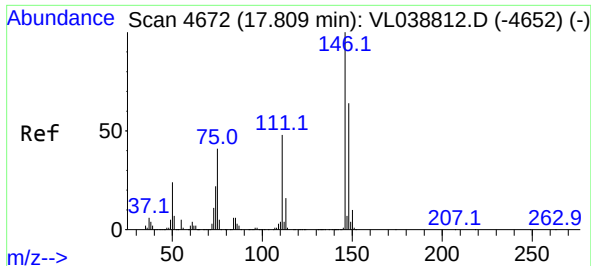
Ion Ratio Lower Upper

146 100

111 46.9 23.6 70.8

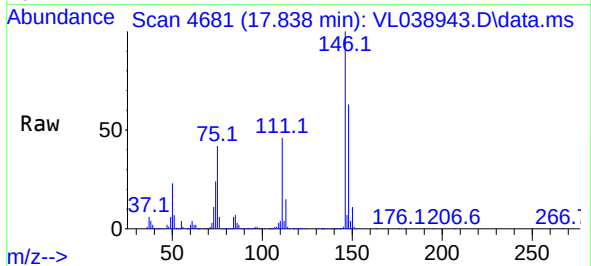
148 65.7 33.6 100.6





#77
1,2-Dichlorobenzene
Concen: 9.841 ppbv
RT: 17.838 min Scan# 4681
Delta R.T. 0.029 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

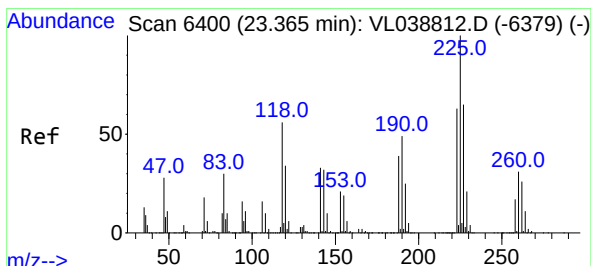
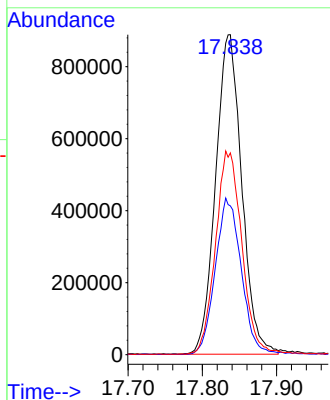
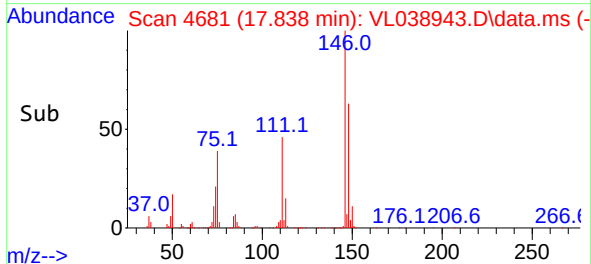
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



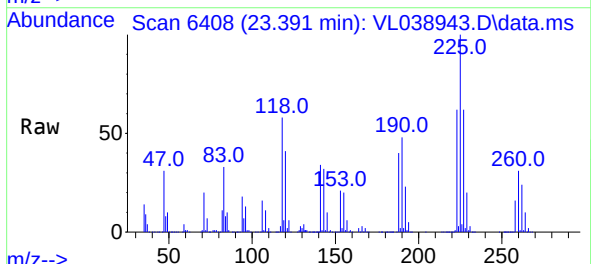
Tgt Ion:146 Resp: 2172640
Ion Ratio Lower Upper
146 100
111 48.8 24.8 74.3
148 64.6 31.9 95.7

Manual Integrations
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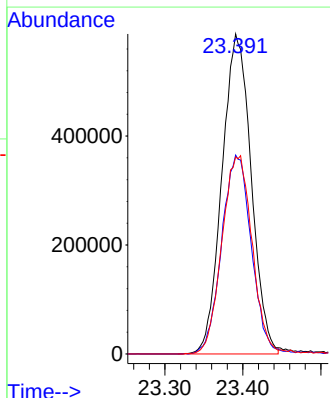
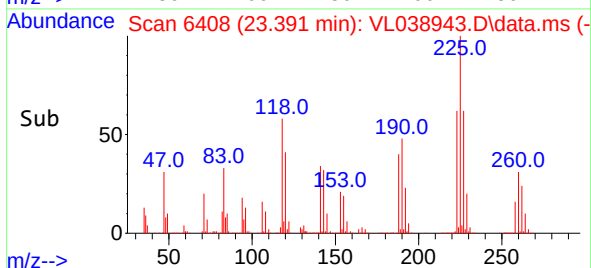
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

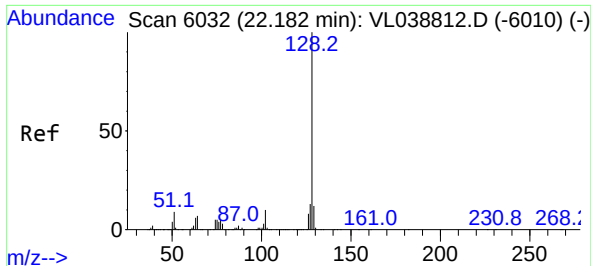


#78
Hexachloro-1,3-Butadiene
Concen: 8.772 ppbv
RT: 23.391 min Scan# 6408
Delta R.T. 0.026 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55



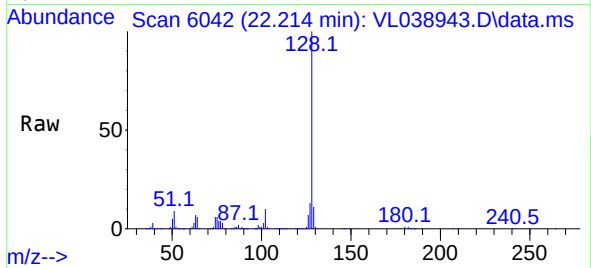
Tgt Ion:225 Resp: 1530145
Ion Ratio Lower Upper
225 100
223 63.9 51.6 77.4
227 64.5 52.3 78.5





#79
Naphthalene
Concen: 10.838 ppbv
RT: 22.214 min Scan# 6032
Delta R.T. 0.032 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55

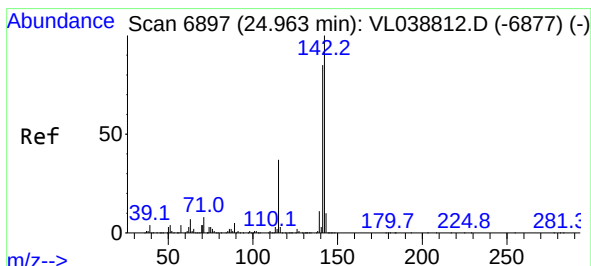
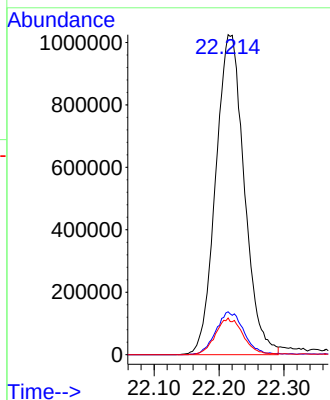
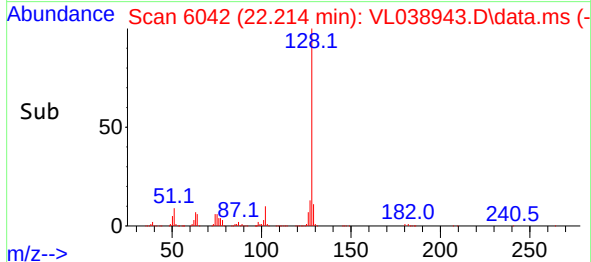
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



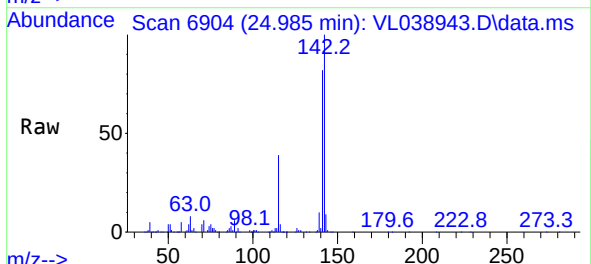
Tgt Ion:128 Resp: 312754
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 11.5 9.4 14.0

Manual Integrations
APPROVED

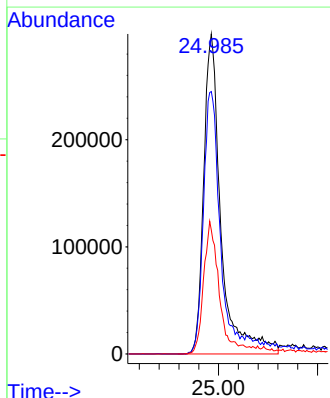
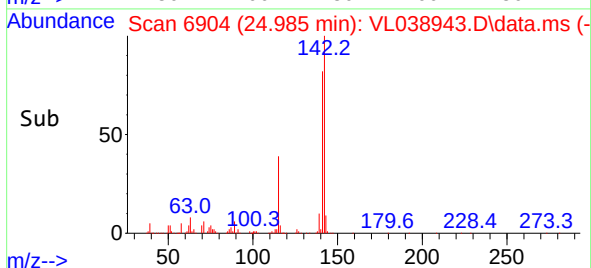
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

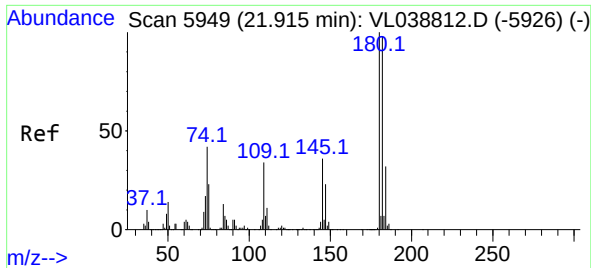


#80
Naphthalene,2-methyl-
Concen: 10.171 ppbv
RT: 24.985 min Scan# 6904
Delta R.T. 0.023 min
Lab File: VL038943.D
Acq: 19 Apr 2022 9:55



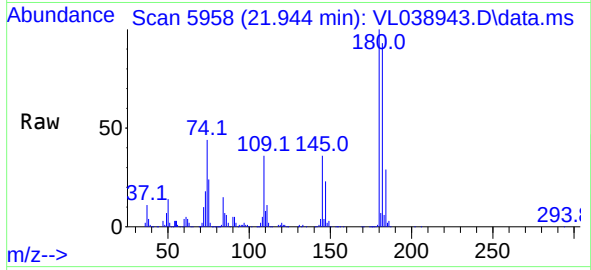
Tgt Ion:142 Resp: 723213
Ion Ratio Lower Upper
142 100
141 88.3 68.8 103.2
115 39.9 31.6 47.4





#81
 1,2,4-Trichlorobenzene
 Concen: 10.204 ppbv
 RT: 21.944 min Scan# 5949
 Delta R.T. 0.029 min
 Lab File: VL038943.D
 Acq: 19 Apr 2022 9:55

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1723190

Ion	Ratio	Lower	Upper
180	100		
182	98.0	79.4	119.0
184	30.9	25.0	37.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/20/2022
 Supervised By :Mahesh Dadoda 04/20/2022

