

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022322\
 Data File : VL038429.D
 Acq On : 24 Feb 2022 5:17
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/24/2022
 Supervised By : Mahesh Dadoda 02/25/2022

Quant Time: Feb 24 07:35:31 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.642	49	668011	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.147	114	2115167	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.050	117	1992301m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.378 95 1570848 9.529 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 95.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.034	85	1278829	12.086	ppbv	100
3) Chlorodifluoromethane	2.976	51	1525806	12.935	ppbv	100
4) Chloromethane	3.127	50	524126	12.788	ppbv	98
5) Vinyl Chloride	3.243	62	528693	12.339	ppbv	97
6) Bromomethane	3.462	94	285888	12.650	ppbv	98
7) Chloroethane	3.542	64	176733	12.842	ppbv	99
8) Dichlorotetrafluoroethane	3.172	85	1285469	13.061	ppbv	99
9) Propene	2.996	41	499704	12.830	ppbv	99
10) Heptane	8.092	43	1300657	13.719	ppbv	100
11) Trichlorofluoromethane	3.931	101	1324035	13.070	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.465	101	979575	13.190	ppbv	99
13) Ethanol	3.597	45	46136m	11.870	ppbv	
14) Bromoethene	3.722	108	387034	13.081	ppbv	99
15) Acetone	3.832	43	649866	11.440	ppbv	99
16) 1,3-Butadiene	3.311	39	503435	13.267	ppbv	96
17) tert-Butyl alcohol	4.262	59	840644	14.832	ppbv	99
18) 1,1-Dichloroethene	4.269	96	423935	13.002	ppbv	98
19) Isopropyl Alcohol	3.947	45	414048	12.587	ppbv	99
20) Methylene Chloride	4.324	84	352700	12.531	ppbv	96
21) Allyl Chloride	4.391	41	625620	13.039	ppbv	97
22) trans-1,2-Dichloroethene	4.861	96	460898	14.010	ppbv	98
23) Vinyl Acetate	5.047	43	1044082	13.869	ppbv	98
24) 1,1-Dichloroethane	4.986	63	895813	13.236	ppbv	99
25) Ethyl Acetate	5.651	43	1631311	10.688	ppbv	99
26) Hexane	5.658	57	756405	10.944	ppbv	97
27) Carbon Disulfide	4.529	76	1068803	13.902	ppbv	100
28) Methyl tert-Butyl Ether	5.008	73	944623	13.419	ppbv	98
29) Chloroform	5.725	83	1425781	12.639	ppbv	99
30) Cyclohexane	7.098	84	783738	13.865	ppbv	97
31) cis-1,2-Dichloroethene	5.523	61	688339	10.280	ppbv	94
32) 1,1,1-Trichloroethane	6.481	97	1507597	13.289	ppbv	99
34) 2-Butanone	5.221	43	688714	10.353	ppbv	98
35) Carbon Tetrachloride	6.989	117	1539567	10.351	ppbv	97
36) Benzene	6.864	78	1941486	10.427	ppbv	97
37) 1,2-Dichloroethane	6.278	62	1136490	10.562	ppbv	100
38) Trichloroethene	7.806	130	692002	10.203	ppbv	95
39) 1,2-Dichloropropane	7.581	63	761353	10.265	ppbv	96
40) 1,4-Dioxane	7.812	88	128885	7.326	ppbv #	1
41) Tetrahydrofuran	6.021	42	479236	10.662	ppbv	99
42) Bromodichloromethane	7.761	83	1645383	10.590	ppbv	97
43) Methyl Methacrylate	7.983	69	721984	11.154	ppbv	100
44) 2,2,4-Trimethylpentane	7.835	57	3257874	10.179	ppbv	99
45) t-1,3-Dichloropropene	9.243	75	539824	10.435	ppbv	99

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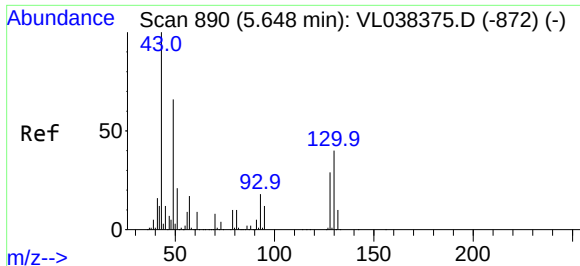
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

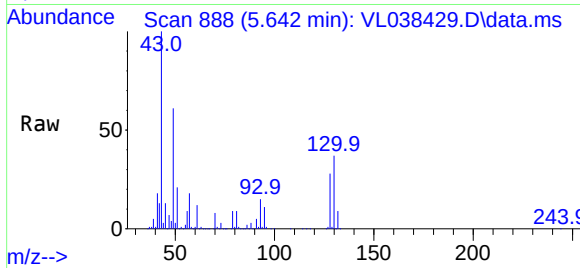
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.671	75	683500	10.081	ppbv	97
47) 1,1,2-Trichloroethane	9.442	97	778216	10.546	ppbv	97
48) Dibromochloromethane	10.269	129	1310956	10.865	ppbv	99
49) Bromoform	13.002	173	973311	10.929	ppbv	98
50) 4-Methyl-2-Pentanone	8.712	43	1321317	11.234	ppbv	99
51) 2-Hexanone	10.101	43	601659	11.426	ppbv #	99
52) Tetrachloroethene	11.185	164	614277	9.937	ppbv	97
53) Toluene	9.770	91	2164561	10.706	ppbv	99
54) 1,2-Dibromoethane	10.574	107	1137266	10.949	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.089	131	862663	10.388	ppbv #	93
57) Chlorobenzene	12.111	112	1507166	9.805	ppbv	97
58) Ethyl Benzene	12.674	91	2906314	10.668	ppbv	100
59) m/p-Xylene	12.960	91	4913309m	20.999	ppbv	
60) o-Xylene	13.654	91	2292738	10.366	ppbv	98
61) Styrene	13.490	104	1137561	11.151	ppbv	98
62) Isopropylbenzene	14.629	105	3083709	10.388	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.642	83	1692107	9.416	ppbv	98
64) n-propylbenzene	15.526	120	760051	10.341	ppbv	83
65) tert-Butylbenzene	16.709	119	2703709	10.515	ppbv	99
66) Benzyl Chloride	16.950	91	137093	9.867	ppbv	99
67) sec-Butylbenzene	17.256	105	3839954	10.541	ppbv	99
69) p-Isopropyltoluene	17.616	119	3139650	10.972	ppbv	99
70) n-Butylbenzene	18.513	91	3389822	11.447	ppbv	100
71) 2-Chlorotoluene	15.413	91	2355713	10.320	ppbv	99
72) 4-Ethyltoluene	15.802	105	2603892	10.685	ppbv	99
73) 1,3,5-Trimethylbenzene	15.960	105	2326634	10.513	ppbv	98
74) 1,2,4-Trimethylbenzene	16.725	105	2530756	10.831	ppbv	99
75) 1,3-Dichlorobenzene	16.960	146	1387224	10.600	ppbv	100
76) 1,4-Dichlorobenzene	17.098	146	1311171	10.160	ppbv	99
77) 1,2-Dichlorobenzene	17.780	146	1311786	10.413	ppbv	100
78) Hexachloro-1,3-Butadiene	23.339	225	1001197	10.421	ppbv	99
79) Naphthalene	22.146	128	1849698	14.611	ppbv	100
80) Naphthalene,2-methyl-	24.940	142	377049	15.240	ppbv	94
81) 1,2,4-Trichlorobenzene	21.876	180	1027092	13.418	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.642 min Scan# 81
Delta R.T. -0.006 min
Lab File: VL038429.D
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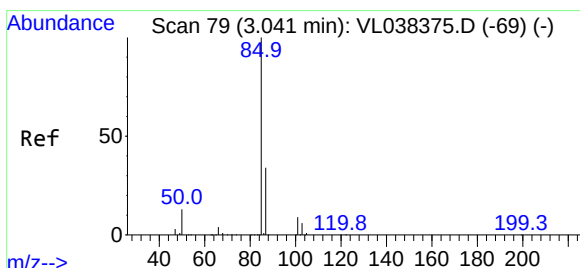
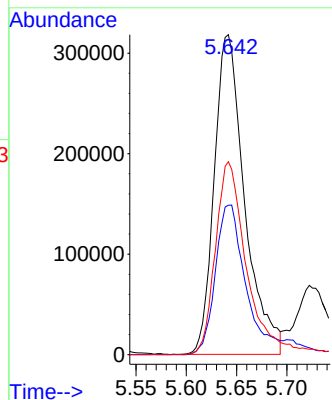
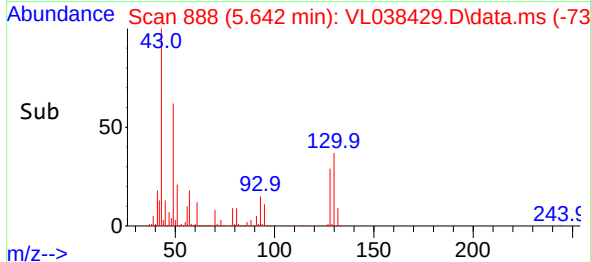
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



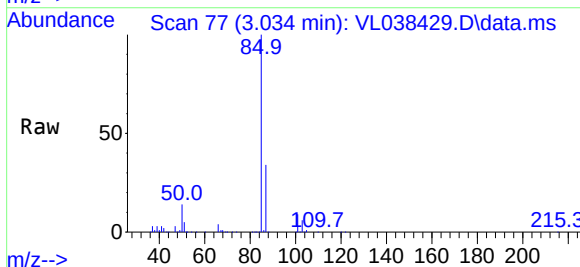
Tgt Ion: 49 Resp: 66801
Ion Ratio Lower Upper
49 100
128 52.0 24.3 72.9
130 62.9 30.1 90.5

Manual Integrations
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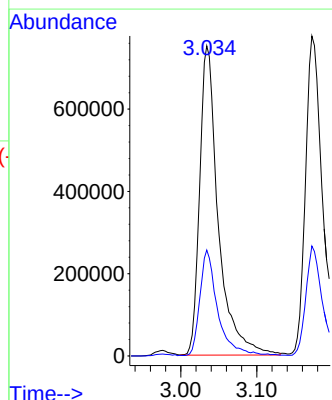
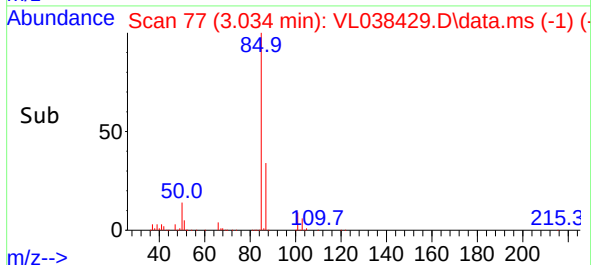
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

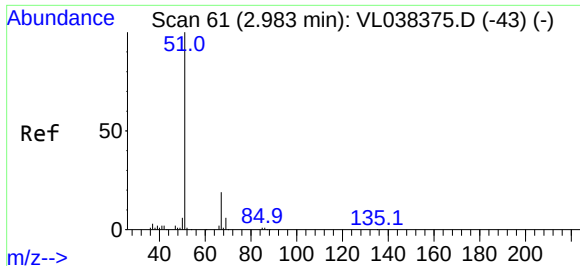


#2
Dichlorodifluoromethane
Concen: 12.086 ppbv
RT: 3.034 min Scan# 77
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17



Tgt Ion: 85 Resp: 1278829
Ion Ratio Lower Upper
85 100
87 34.1 27.4 41.0





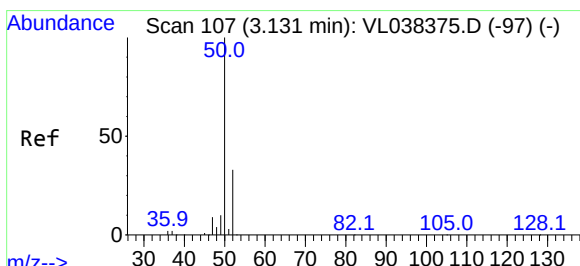
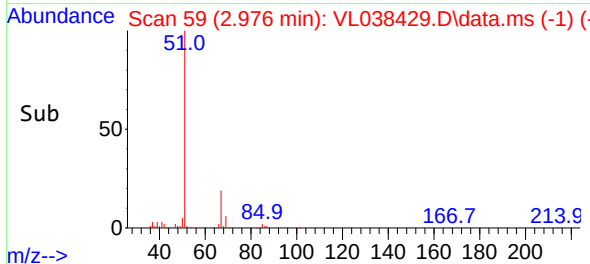
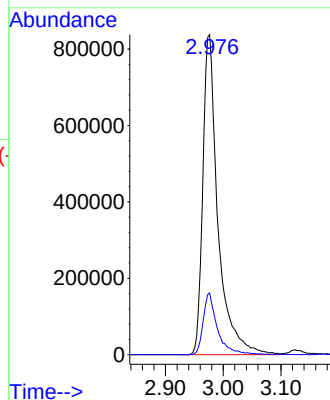
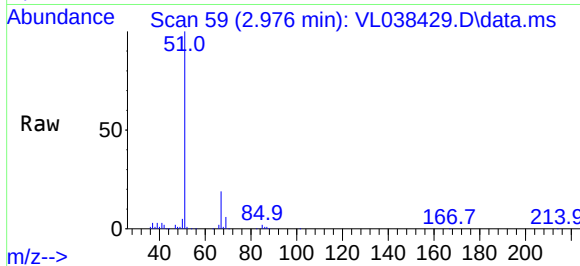
#3
Chlorodifluoromethane
Concen: 12.935 ppbv
RT: 2.976 min Scan# 51
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 1525800
Ion Ratio Lower Upper
51 100
67 18.3 14.7 22.1

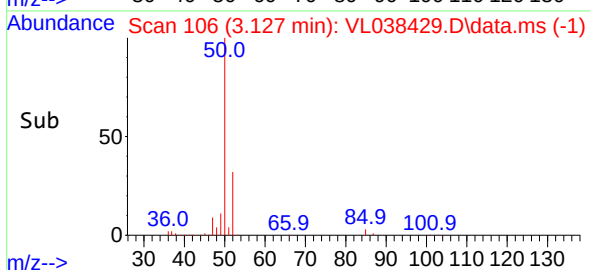
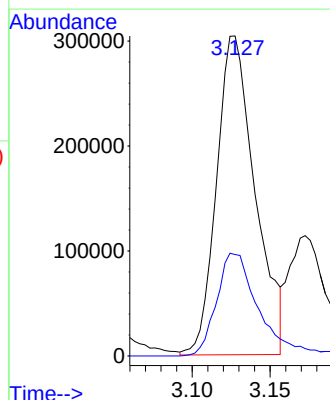
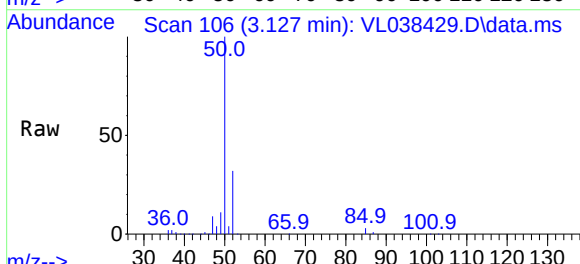
Manual Integrations
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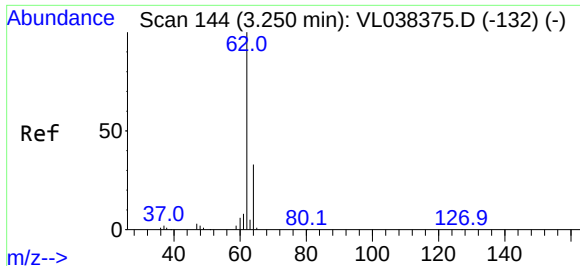
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#4
Chloromethane
Concen: 12.788 ppbv
RT: 3.127 min Scan# 106
Delta R.T. -0.003 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

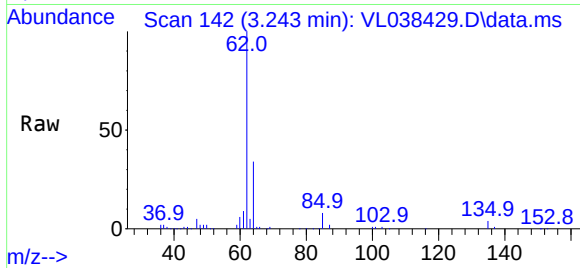
Tgt Ion: 50 Resp: 524126
Ion Ratio Lower Upper
50 100
52 32.1 26.5 39.7





#5
 Vinyl Chloride
 Concen: 12.339 ppbv
 RT: 3.243 min Scan# 144
 Delta R.T. -0.006 min
 Lab File: VL038429.D
 Acq: 24 Feb 2022 5:17

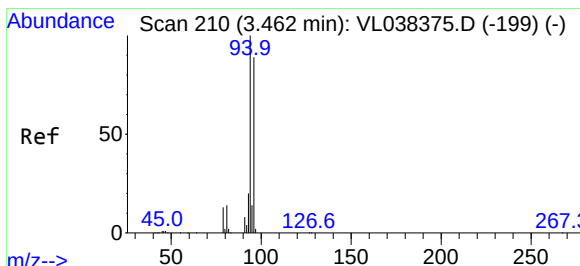
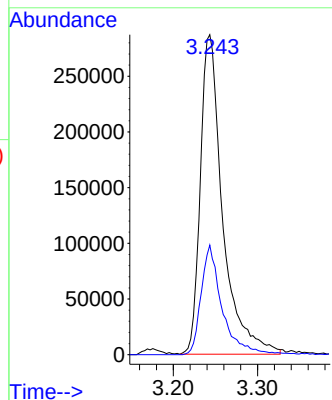
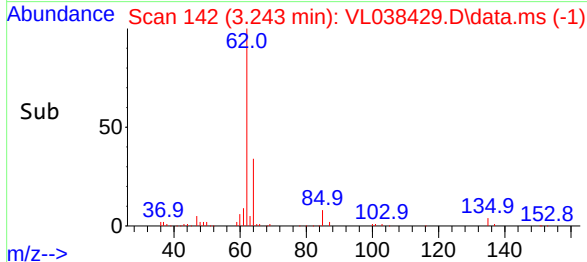
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



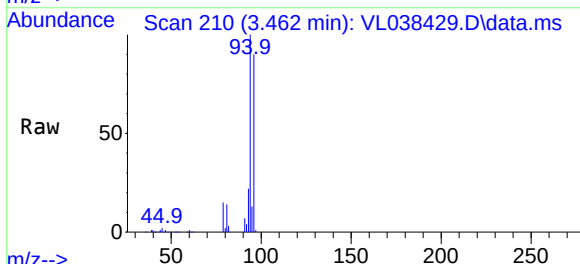
Tgt Ion: 62 Resp: 52869
 Ion Ratio Lower Upper
 62 100
 64 34.3 26.2 39.2

Manual Integrations
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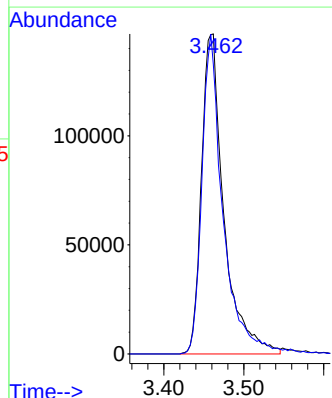
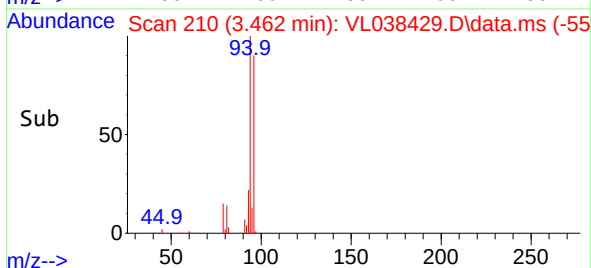
Reviewed By :Semsettin Yesilyurt 02/24/2022
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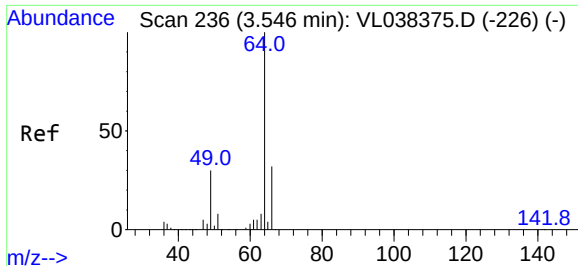


#6
 Bromomethane
 Concen: 12.650 ppbv
 RT: 3.462 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VL038429.D
 Acq: 24 Feb 2022 5:17



Tgt Ion: 94 Resp: 285888
 Ion Ratio Lower Upper
 94 100
 96 90.5 71.0 106.6





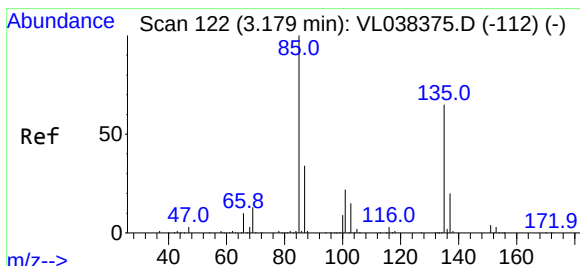
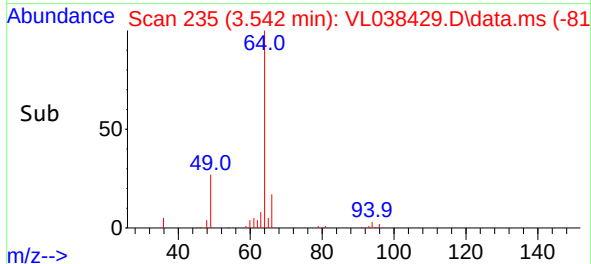
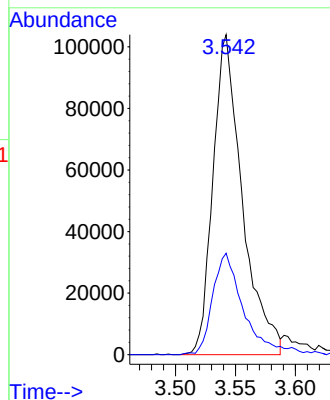
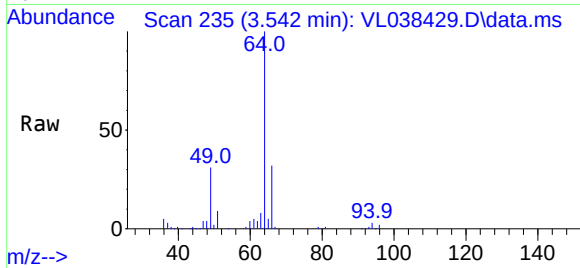
#7
Chloroethane
Concen: 12.842 ppbv
RT: 3.542 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 64 Resp: 17673
Ion Ratio Lower Upper
64 100
66 31.7 25.9 38.9

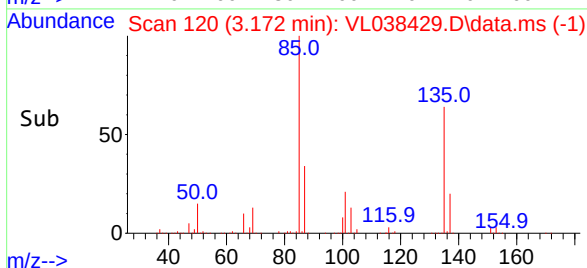
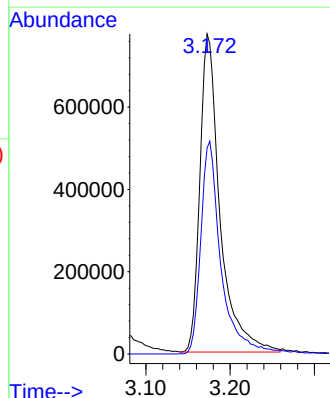
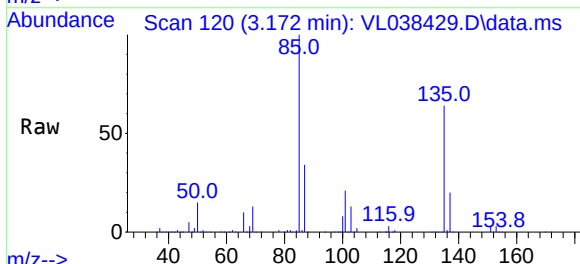
Manual Integrations
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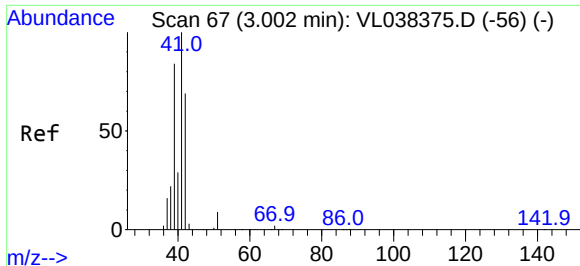
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#8
Dichlorotetrafluoroethane
Concen: 13.061 ppbv
RT: 3.172 min Scan# 120
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

Tgt Ion: 85 Resp: 1285469
Ion Ratio Lower Upper
85 100
135 68.0 54.1 81.1





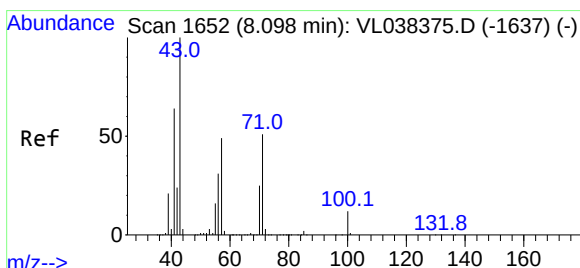
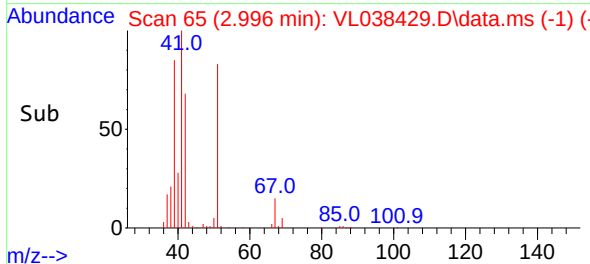
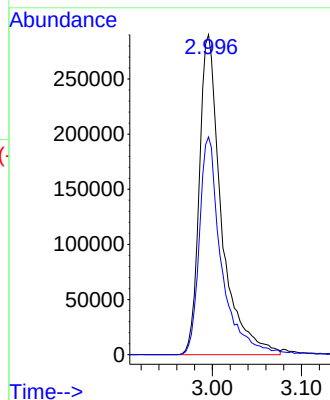
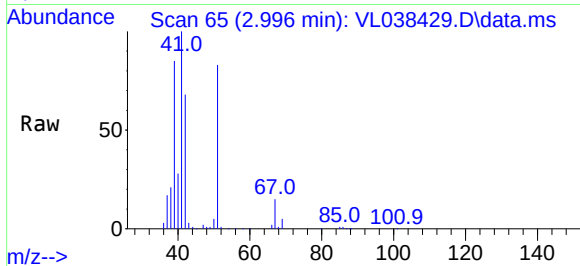
#9
Propene
Concen: 12.830 ppbv
RT: 2.996 min Scan# 61
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 41 Resp: 499704
Ion Ratio Lower Upper
41 100
42 68.8 54.6 82.0

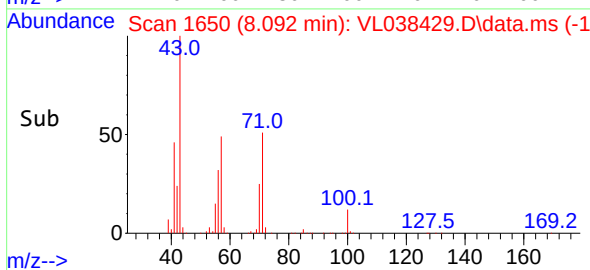
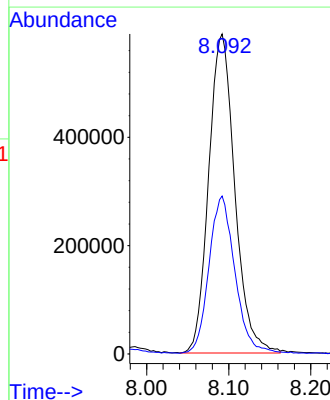
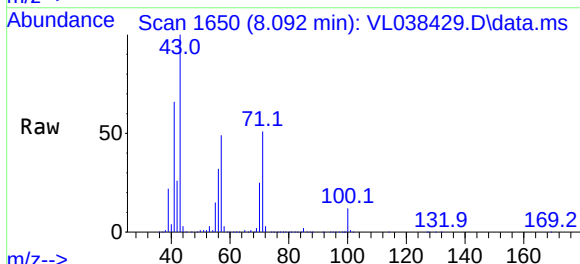
Manual Integrations
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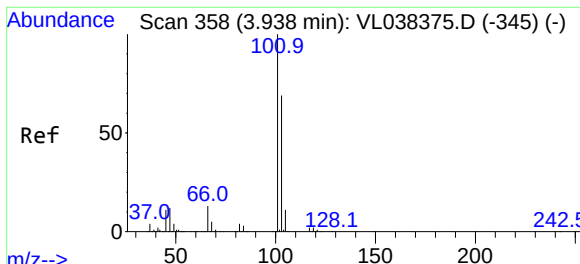
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#10
Heptane
Concen: 13.719 ppbv
RT: 8.092 min Scan# 1650
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

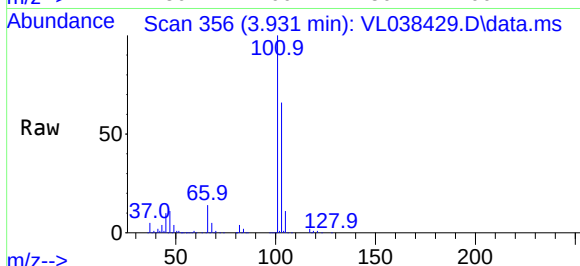
Tgt Ion: 43 Resp: 1300657
Ion Ratio Lower Upper
43 100
57 49.8 39.8 59.8





#11
 Trichlorofluoromethane
 Concen: 13.070 ppbv
 RT: 3.931 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VL038429.D
 Acq: 24 Feb 2022 5:17

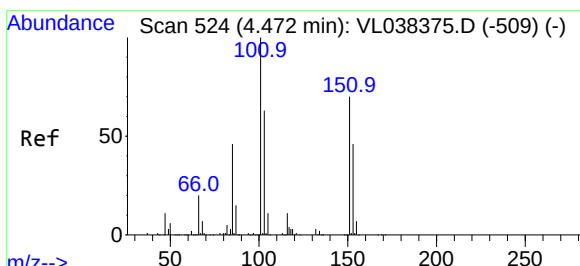
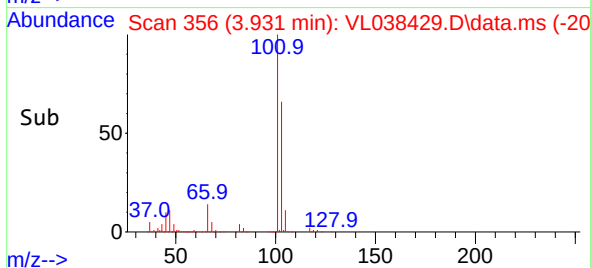
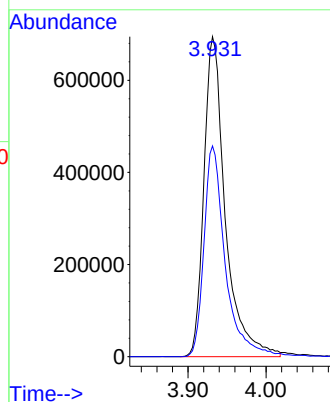
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:101 Resp: 1324035
 Ion Ratio Lower Upper
 101 100
 103 65.8 55.0 82.4

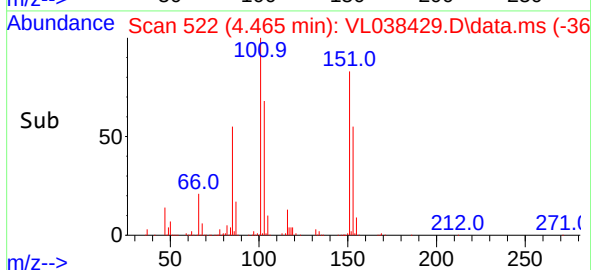
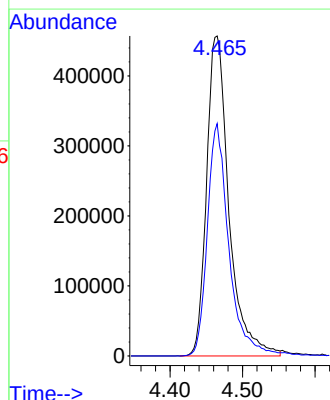
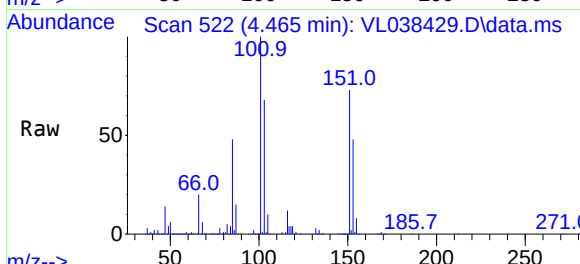
Manual Integrations
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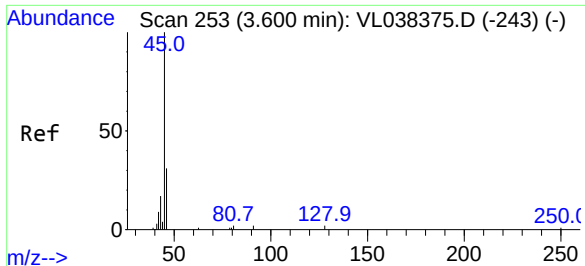
Reviewed By :Semsettin Yesilyurt 02/24/2022
 Supervised By :Mahesh Dadoda 02/25/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 13.190 ppbv
 RT: 4.465 min Scan# 522
 Delta R.T. -0.006 min
 Lab File: VL038429.D
 Acq: 24 Feb 2022 5:17

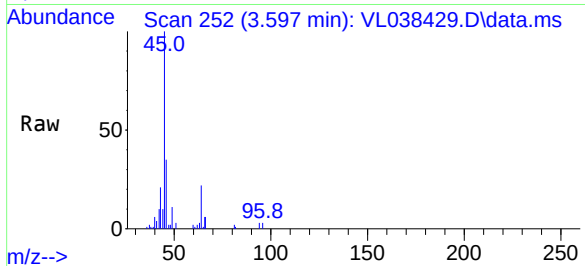
Tgt Ion:101 Resp: 979575
 Ion Ratio Lower Upper
 101 100
 151 70.5 55.9 83.9





#13
Ethanol
Concen: 11.870 ppbv m
RT: 3.597 min Scan# 243
Delta R.T. -0.003 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

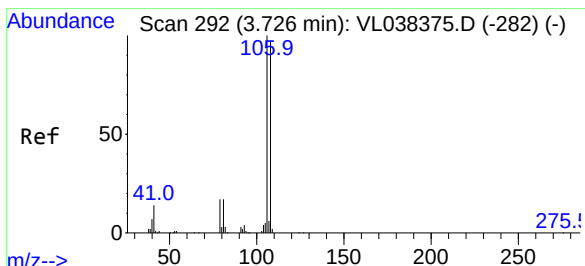
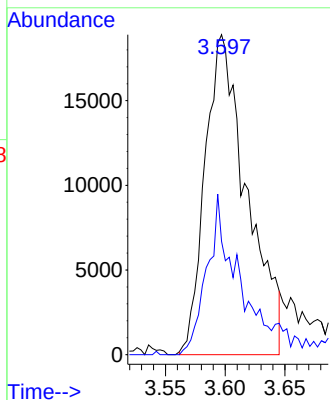
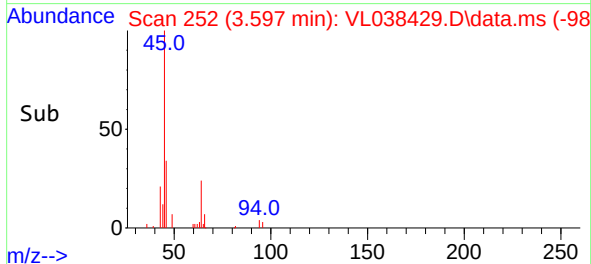
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



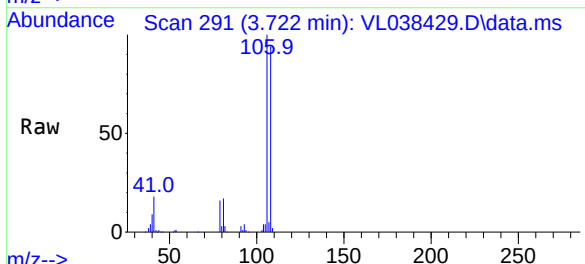
Tgt Ion: 45 Resp: 46130
Ion Ratio Lower Upper
45 100
46 40.4 18.2 72.8

Manual Integrations
APPROVED

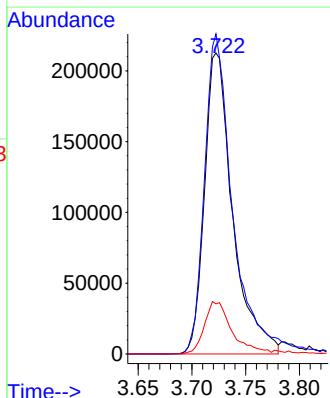
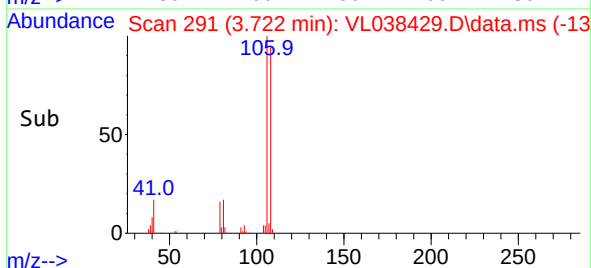
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

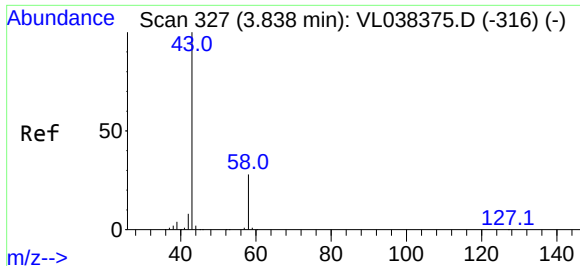


#14
Bromoethene
Concen: 13.081 ppbv
RT: 3.722 min Scan# 291
Delta R.T. -0.003 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17



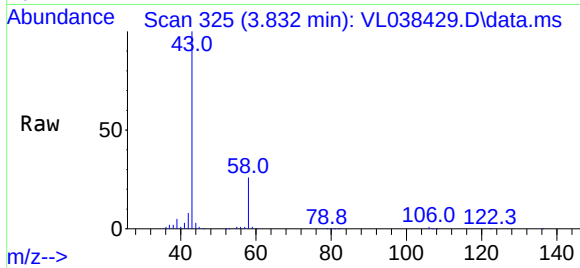
Tgt Ion:108 Resp: 387034
Ion Ratio Lower Upper
108 100
106 109.3 88.4 132.6
79 18.0 15.0 22.6





#15
Acetone
Concen: 11.440 ppbv
RT: 3.832 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

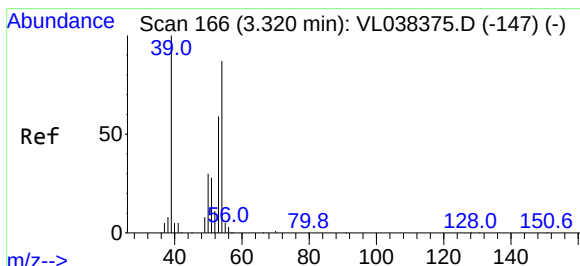
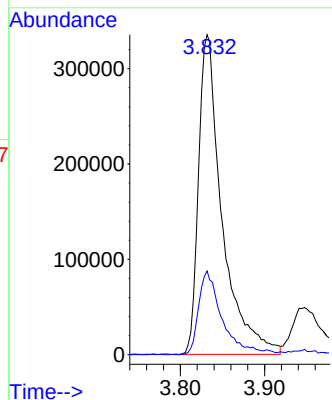
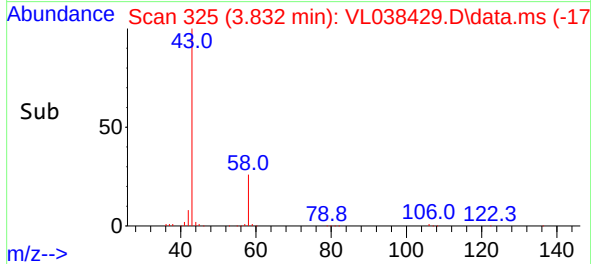
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 649860
Ion Ratio Lower Upper
43 100
58 26.4 21.7 32.5

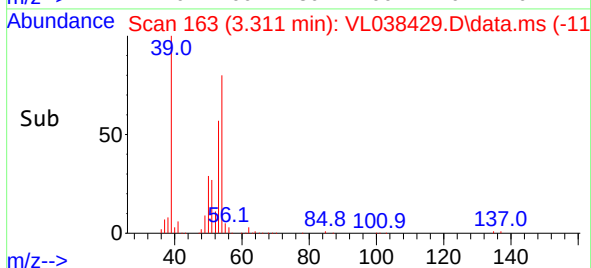
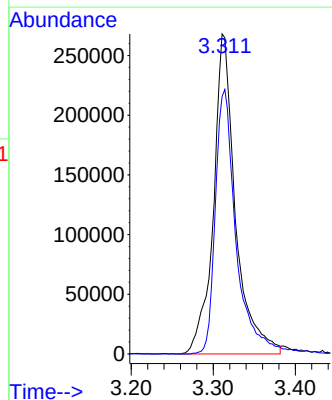
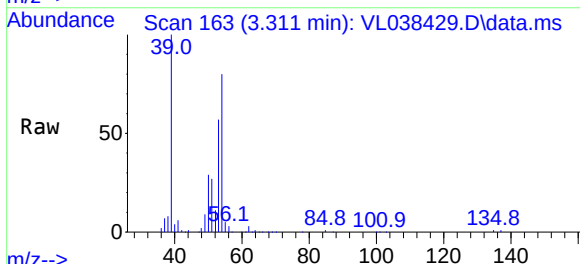
Manual Integrations
APPROVED

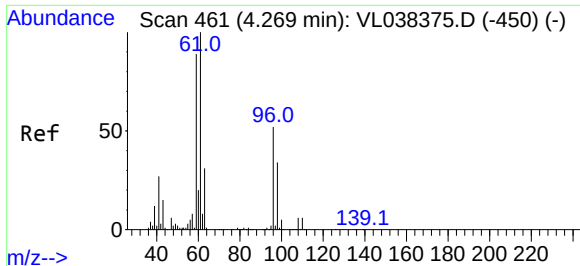
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#16
1,3-Butadiene
Concen: 13.267 ppbv
RT: 3.311 min Scan# 163
Delta R.T. -0.010 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

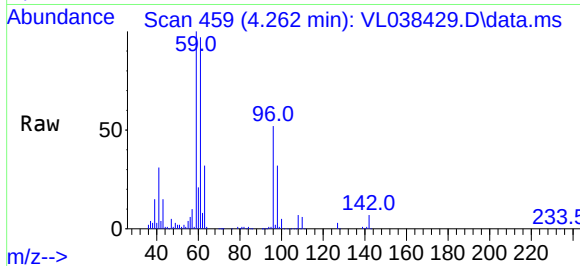
Tgt Ion: 39 Resp: 503435
Ion Ratio Lower Upper
39 100
54 78.9 60.3 90.5





#17
tert-Butyl alcohol
Concen: 14.832 ppbv
RT: 4.262 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

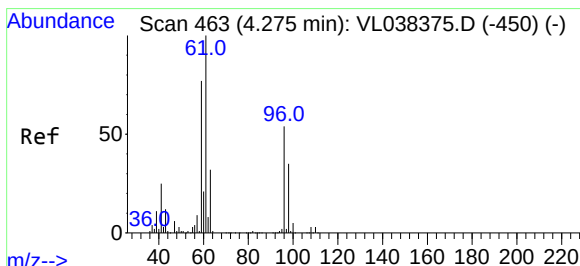
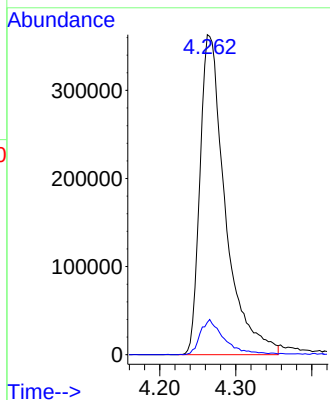
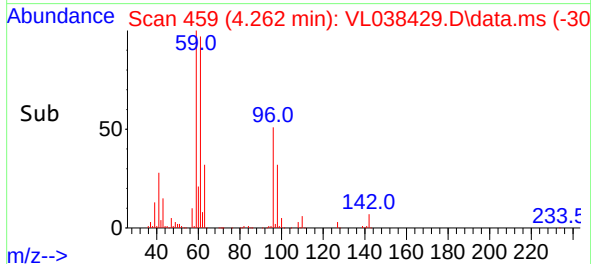
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



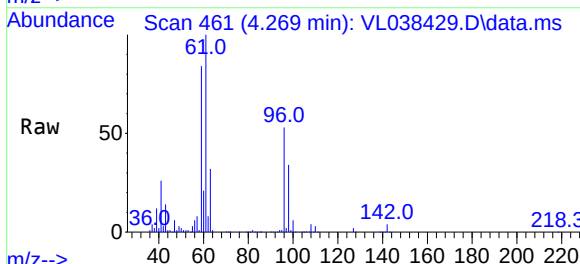
Tgt Ion: 59 Resp: 840644
Ion Ratio Lower Upper
59 100
57 10.7 8.4 12.6

Manual Integrations
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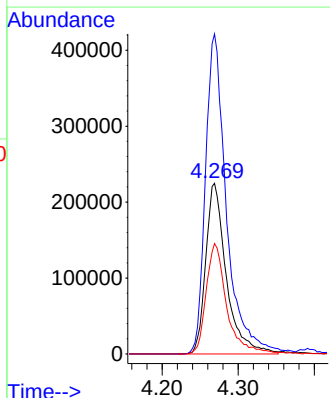
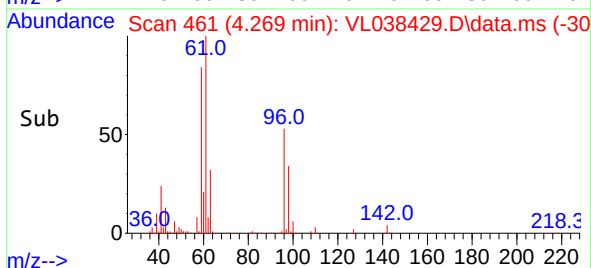
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

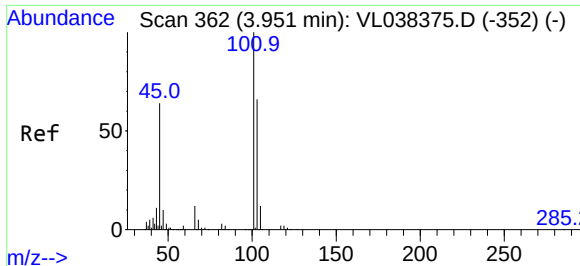


#18
1,1-Dichloroethene
Concen: 13.002 ppbv
RT: 4.269 min Scan# 461
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17



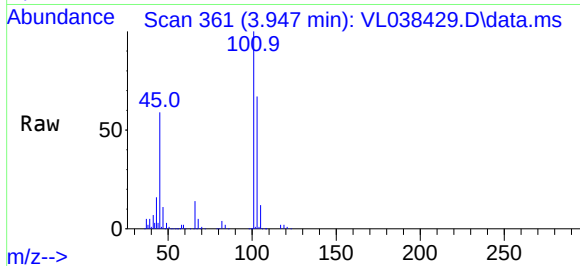
Tgt Ion: 96 Resp: 423935
Ion Ratio Lower Upper
96 100
61 187.4 146.8 220.2
98 64.6 51.5 77.3





#19
Isopropyl Alcohol
Concen: 12.587 ppbv
RT: 3.947 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

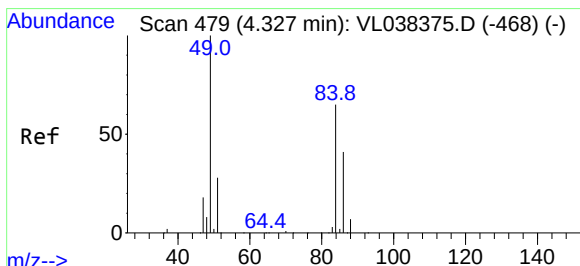
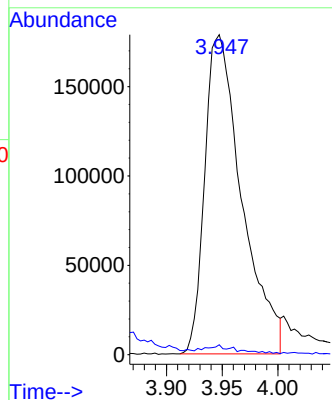
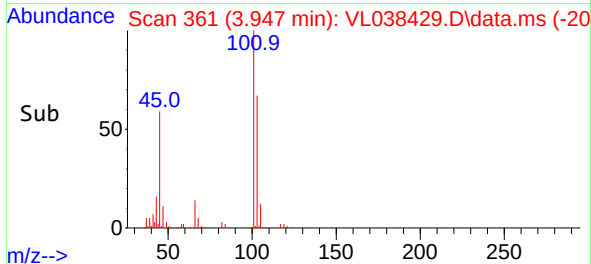
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 45 Resp: 414048
Ion Ratio Lower Upper
45 100
58 2.0 1.8 2.8

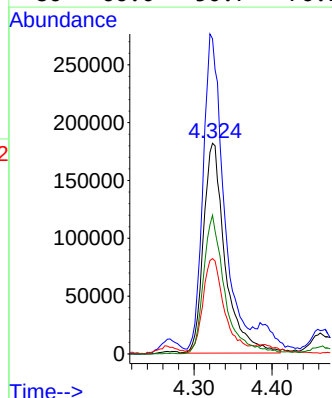
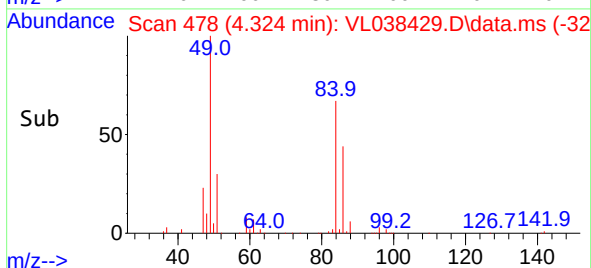
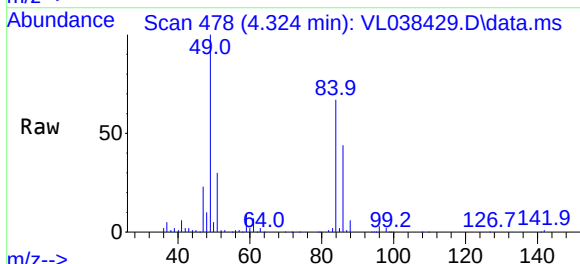
Manual Integrations
APPROVED

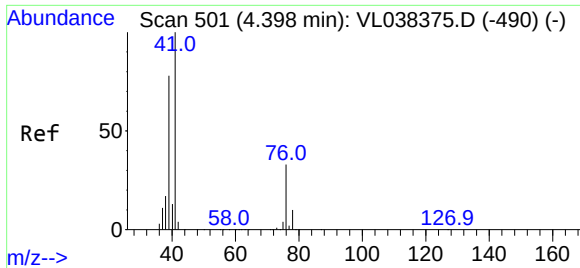
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#20
Methylene Chloride
Concen: 12.531 ppbv
RT: 4.324 min Scan# 478
Delta R.T. -0.003 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

Tgt Ion: 84 Resp: 352700
Ion Ratio Lower Upper
84 100
49 146.4 122.4 183.6
51 43.8 33.3 49.9
86 66.0 50.7 76.1





#21
 Allyl Chloride
 Concen: 13.039 ppbv
 RT: 4.391 min Scan# 499
 Delta R.T. -0.006 min
 Lab File: VL038429.D
 Acq: 24 Feb 2022 5:17

Instrument :

MSVOA_L

ClientSampleId :

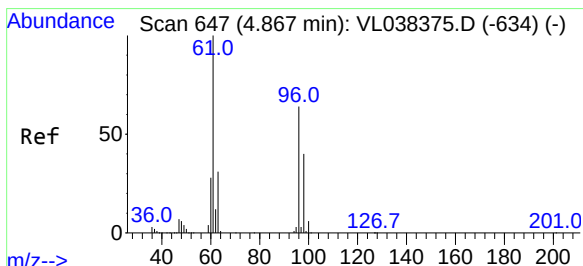
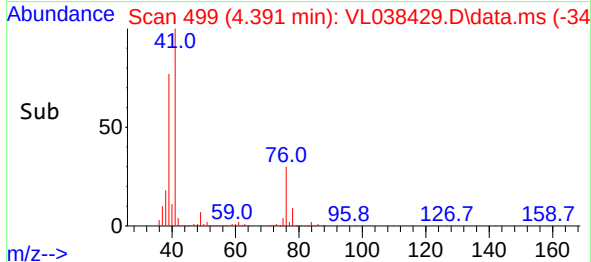
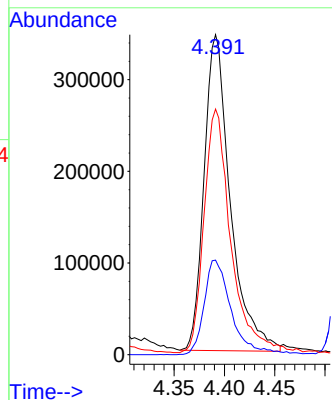
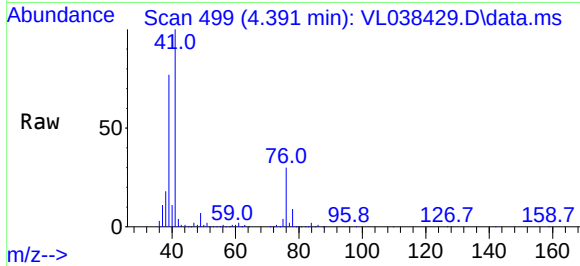
VSTDCCC010EC

Tgt Ion: 41 Resp: 625620
 Ion Ratio Lower Upper
 41 100
 76 31.1 25.4 38.0
 39 81.8 63.0 94.6

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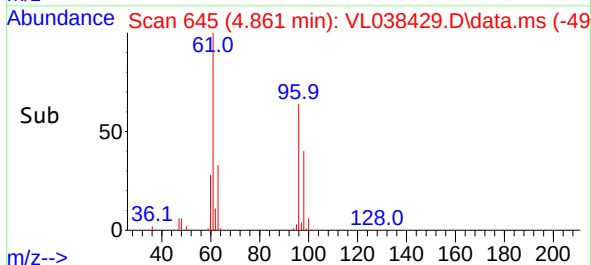
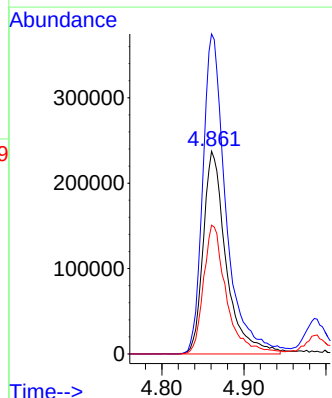
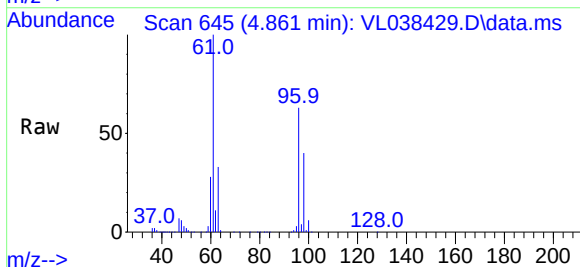
APPROVED

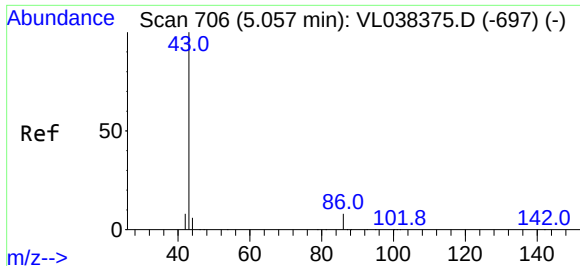
Reviewed By :Semsettin Yesilyurt 02/24/2022
 Supervised By :Mahesh Dadoda 02/25/2022



#22
 trans-1,2-Dichloroethene
 Concen: 14.010 ppbv
 RT: 4.861 min Scan# 645
 Delta R.T. -0.006 min
 Lab File: VL038429.D
 Acq: 24 Feb 2022 5:17

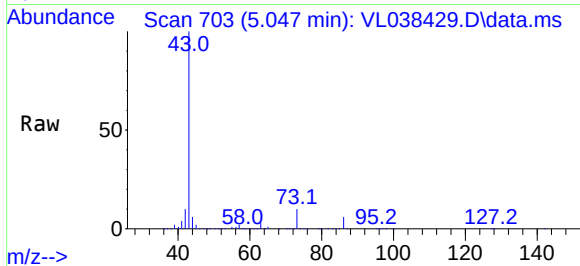
Tgt Ion: 96 Resp: 460898
 Ion Ratio Lower Upper
 96 100
 61 157.5 124.2 186.4
 98 63.5 49.1 73.7





#23
 Vinyl Acetate
 Concen: 13.869 ppbv
 RT: 5.047 min Scan# 706
 Delta R.T. -0.010 min
 Lab File: VL038429.D
 Acq: 24 Feb 2022 5:17

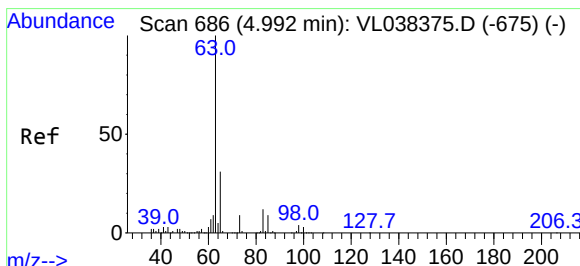
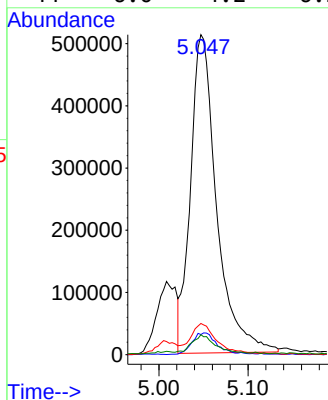
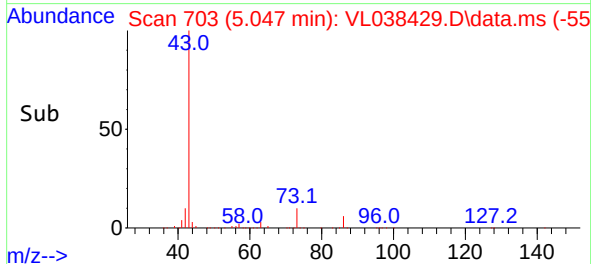
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



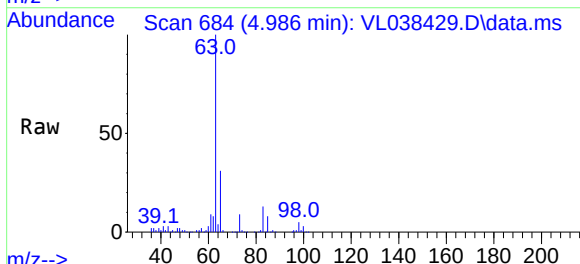
Tgt Ion: 43 Resp: 1044082
 Ion Ratio Lower Upper
 43 100
 86 6.2 5.8 8.6
 42 9.6 7.4 11.0
 44 6.0 4.2 6.2

Manual Integrations
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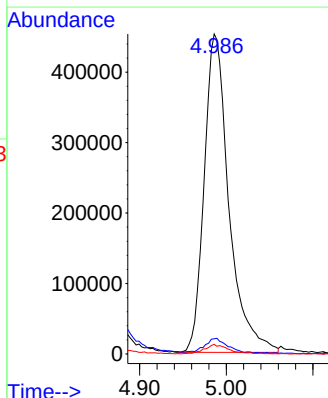
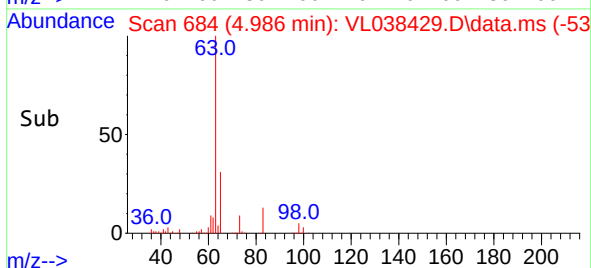
Reviewed By :Semsettin Yesilyurt 02/24/2022
 Supervised By :Mahesh Dadoda 02/25/2022

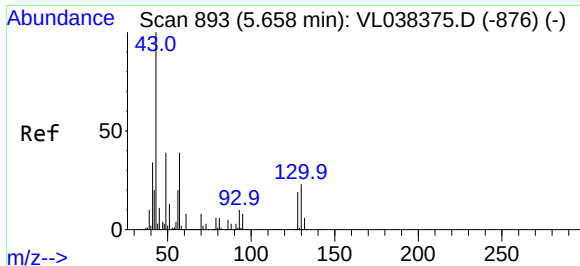


#24
 1,1-Dichloroethane
 Concen: 13.236 ppbv
 RT: 4.986 min Scan# 684
 Delta R.T. -0.006 min
 Lab File: VL038429.D
 Acq: 24 Feb 2022 5:17



Tgt Ion: 63 Resp: 895813
 Ion Ratio Lower Upper
 63 100
 98 4.5 2.1 6.5
 100 2.9 1.4 4.2





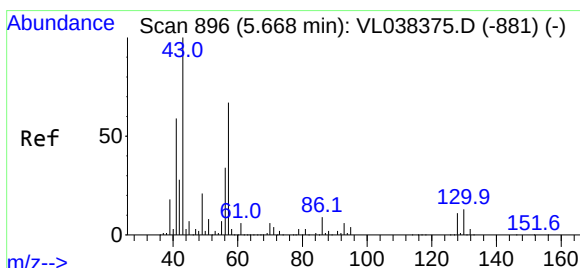
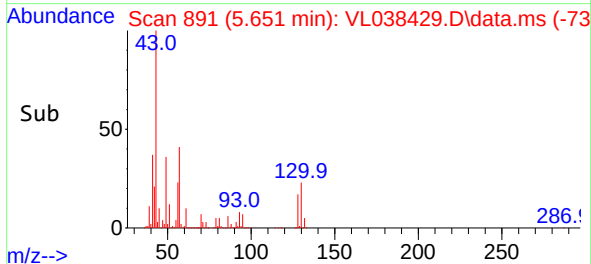
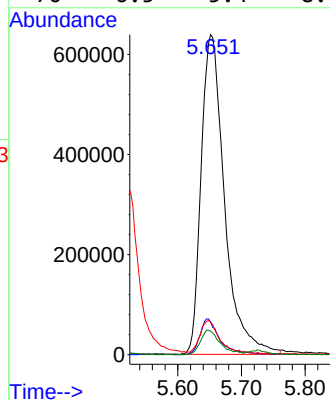
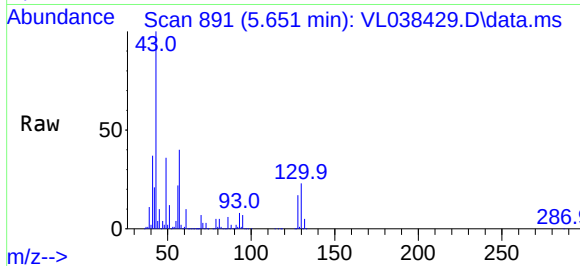
#25
Ethyl Acetate
Concen: 10.688 ppbv
RT: 5.651 min Scan# 891
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 163131
Ion Ratio Lower Upper
43 100
45 9.7 7.8 11.6
61 9.8 7.5 11.3
70 6.5 5.4 8.0

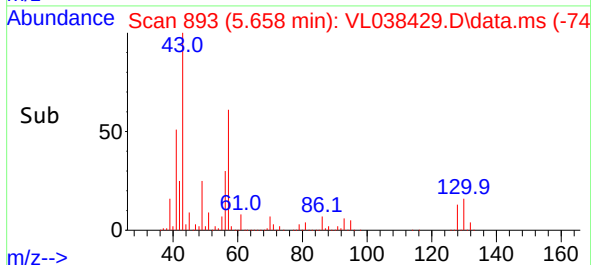
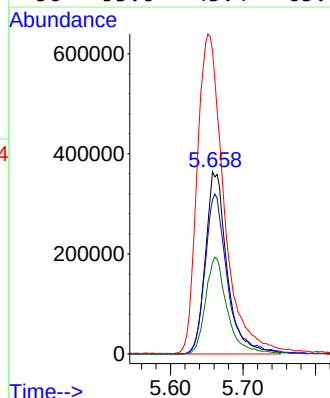
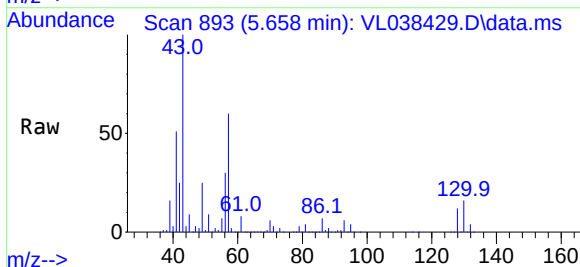
Manual Integrations
APPROVED

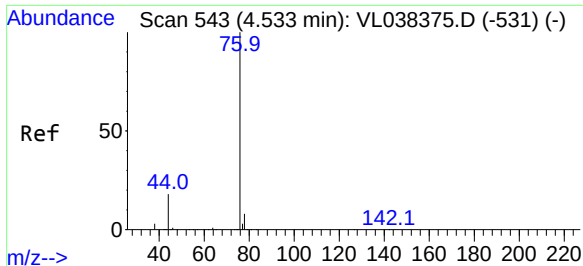
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#26
Hexane
Concen: 10.944 ppbv
RT: 5.658 min Scan# 893
Delta R.T. -0.010 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

Tgt Ion: 57 Resp: 756405
Ion Ratio Lower Upper
57 100
41 91.1 73.1 109.7
43 217.8 181.0 271.4
56 53.6 43.4 65.0





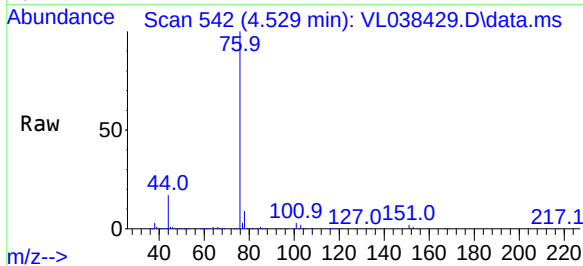
#27
Carbon Disulfide
Concen: 13.902 ppbv
RT: 4.529 min Scan# 543
Delta R.T. -0.003 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



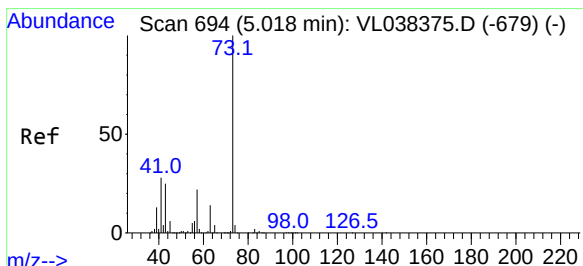
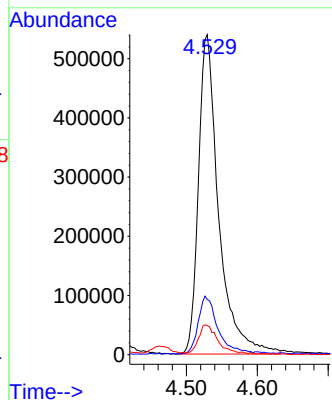
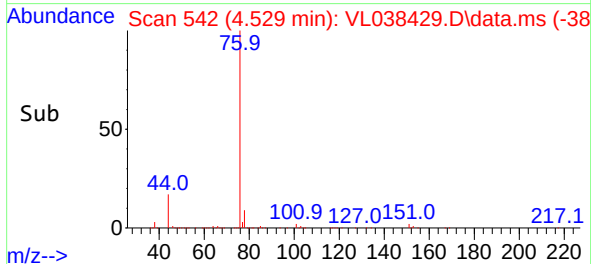
Tgt Ion: 76 Resp: 106880

Ion	Ratio	Lower	Upper
76	100		
44	17.7	14.2	21.2
78	9.5	7.8	11.6

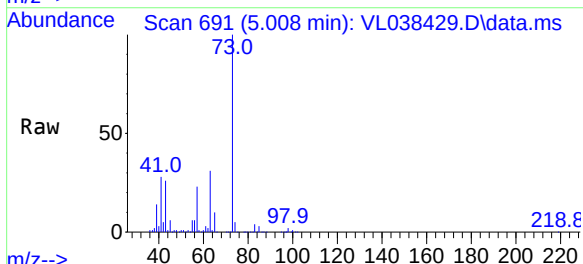
Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

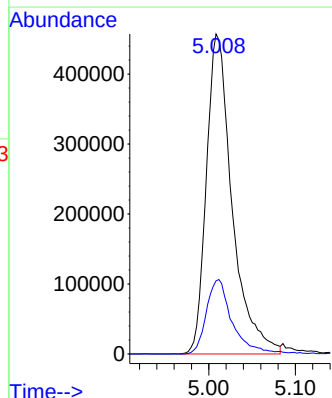
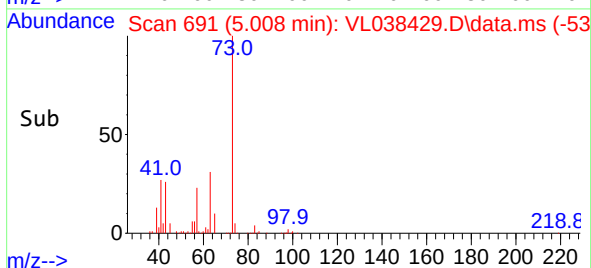


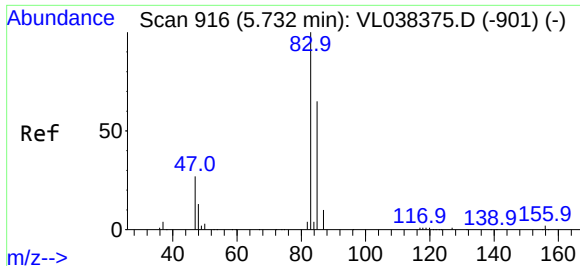
#28
Methyl tert-Butyl Ether
Concen: 13.419 ppbv
RT: 5.008 min Scan# 691
Delta R.T. -0.010 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17



Tgt Ion: 73 Resp: 944623

Ion	Ratio	Lower	Upper
73	100		
57	23.7	18.2	27.4





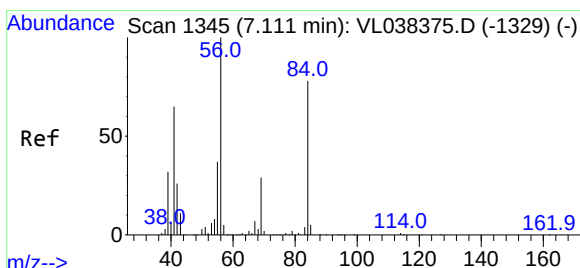
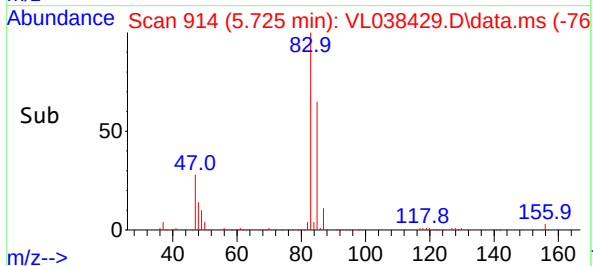
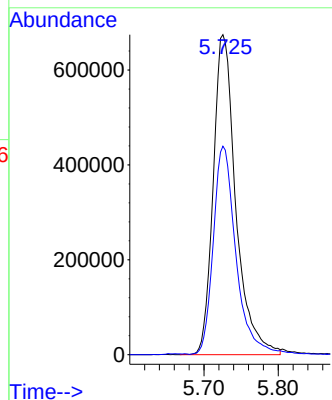
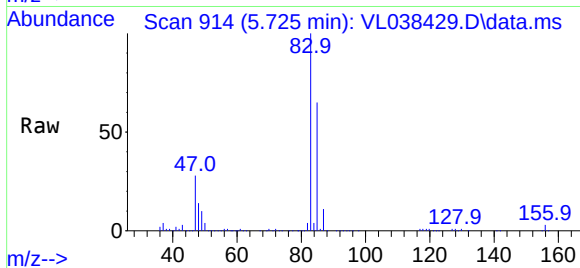
#29
Chloroform
Concen: 12.639 ppbv
RT: 5.725 min Scan# 916
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 142578
Ion Ratio Lower Upper
83 100
85 64.9 51.6 77.4

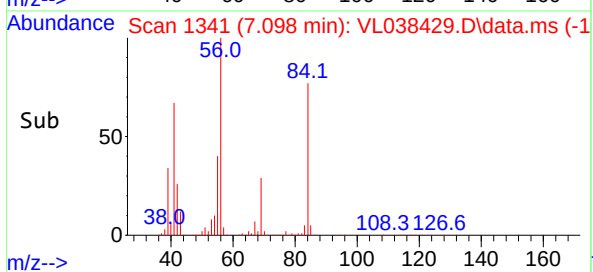
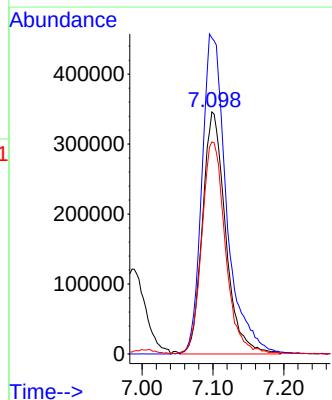
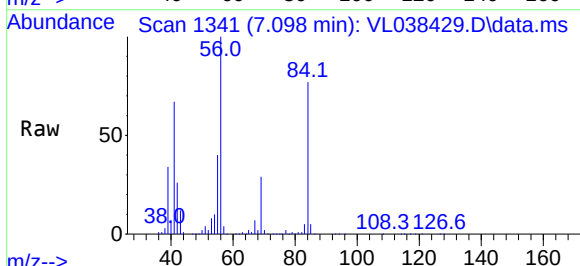
Manual Integrations
APPROVED

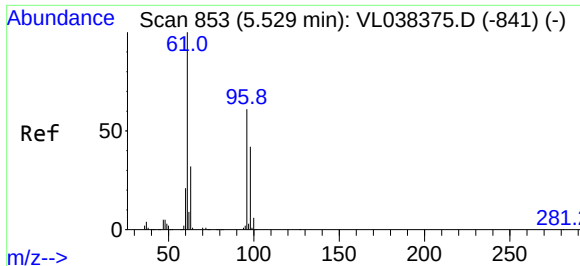
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#30
Cyclohexane
Concen: 13.865 ppbv
RT: 7.098 min Scan# 1341
Delta R.T. -0.013 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

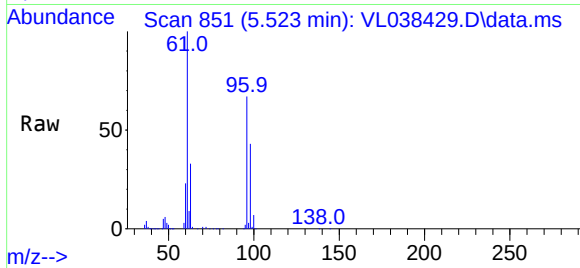
Tgt Ion: 84 Resp: 783738
Ion Ratio Lower Upper
84 100
56 141.1 116.2 174.4
41 89.5 74.3 111.5





#31
cis-1,2-Dichloroethene
Concen: 10.280 ppbv
RT: 5.523 min Scan# 81
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

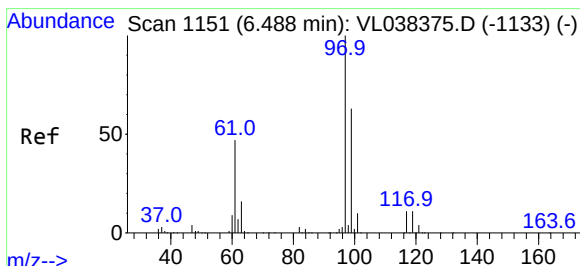
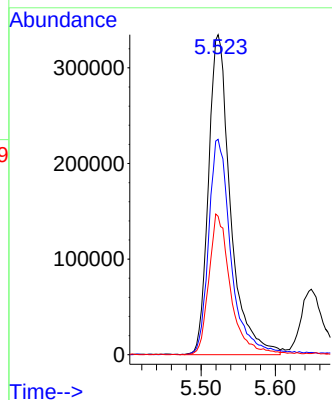
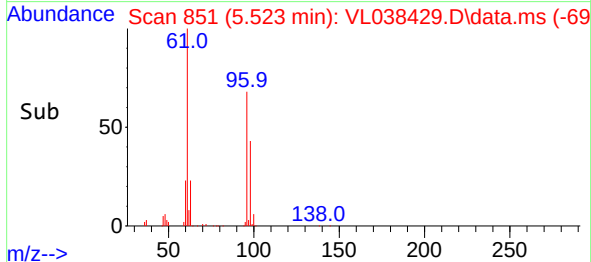
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



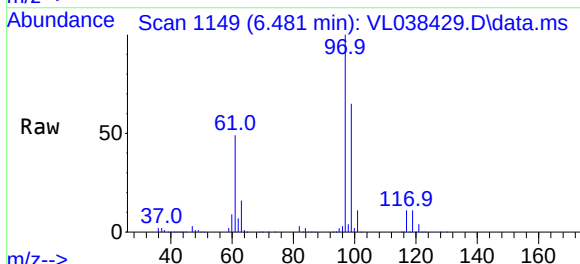
Tgt Ion: 61 Resp: 688339
Ion Ratio Lower Upper
61 100
96 67.3 48.6 73.0
98 43.3 33.2 49.8

Manual Integrations
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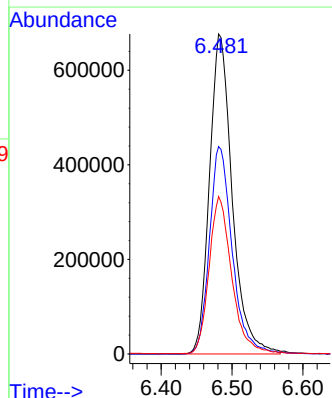
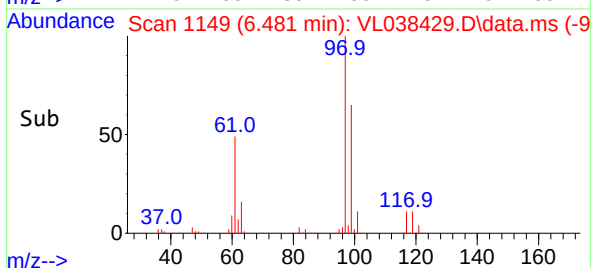
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

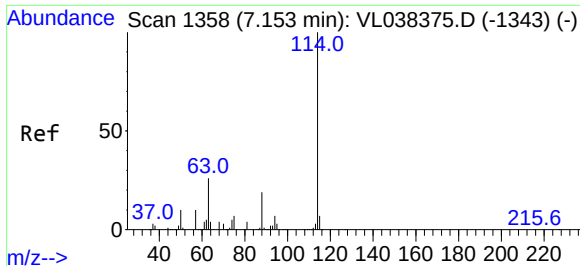


#32
1,1,1-Trichloroethane
Concen: 13.289 ppbv
RT: 6.481 min Scan# 1149
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17



Tgt Ion: 97 Resp: 1507597
Ion Ratio Lower Upper
97 100
99 65.3 51.9 77.9
61 49.5 40.5 60.7





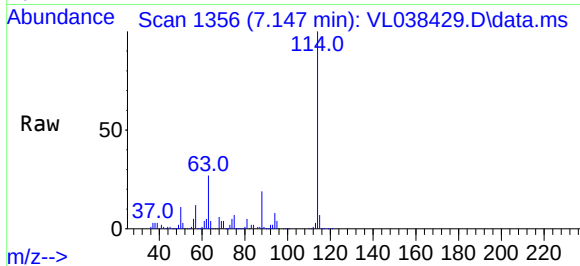
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.147 min Scan# 114
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

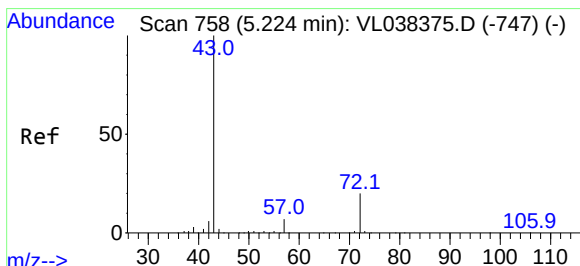
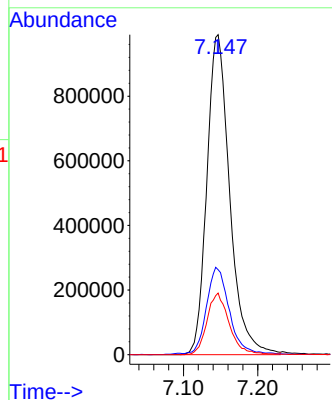
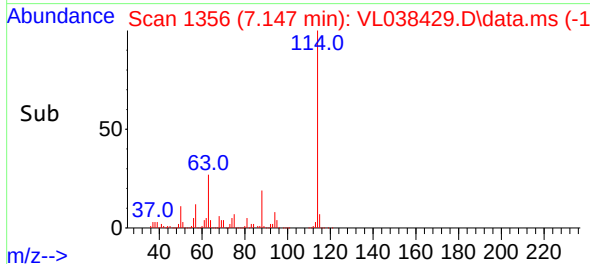


Tgt Ion: 114 Resp: 211516
Ion Ratio Lower Upper
114 100
63 27.8 22.2 33.2
88 18.8 15.2 22.8

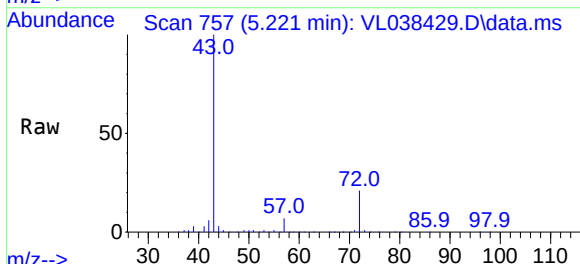
Manual Integrations

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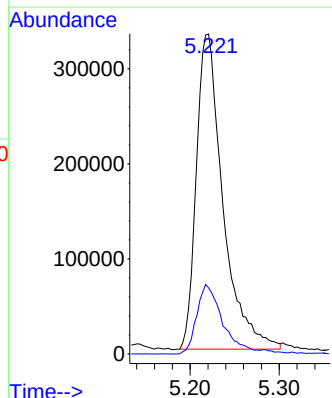
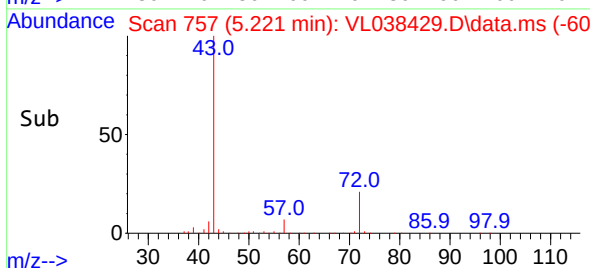
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

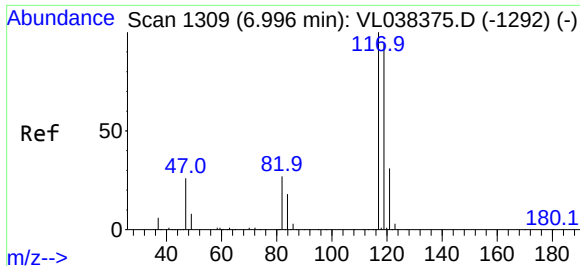


#34
2-Butanone
Concen: 10.353 ppbv
RT: 5.221 min Scan# 757
Delta R.T. -0.003 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17



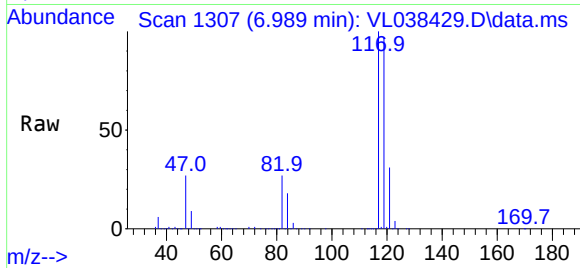
Tgt Ion: 43 Resp: 688714
Ion Ratio Lower Upper
43 100
72 22.7 17.4 26.2





#35
Carbon Tetrachloride
Concen: 10.351 ppbv
RT: 6.989 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

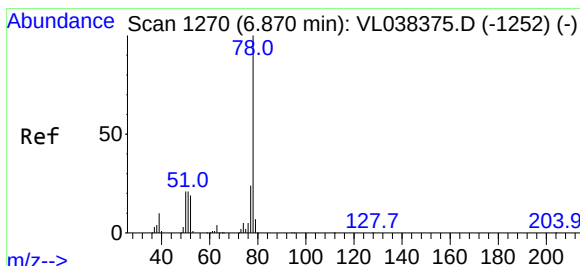
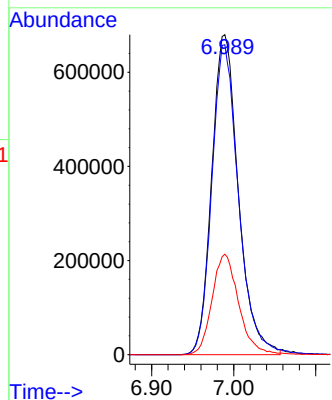
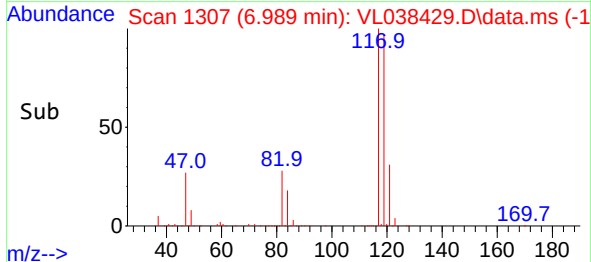
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



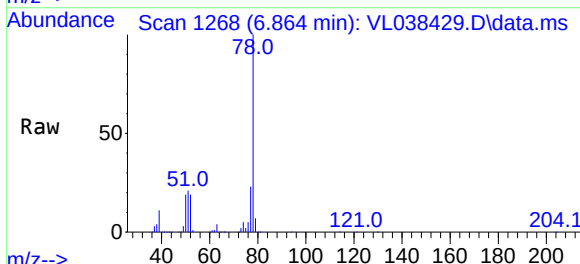
Tgt Ion:117 Resp: 153956
Ion Ratio Lower Upper
117 100
119 96.8 74.9 112.3
121 31.4 24.8 37.2

Manual Integrations
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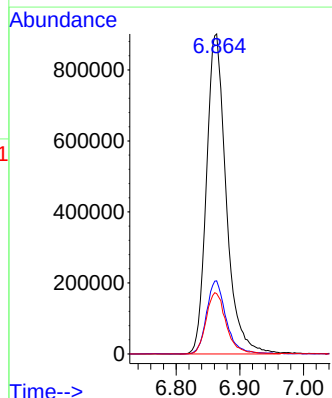
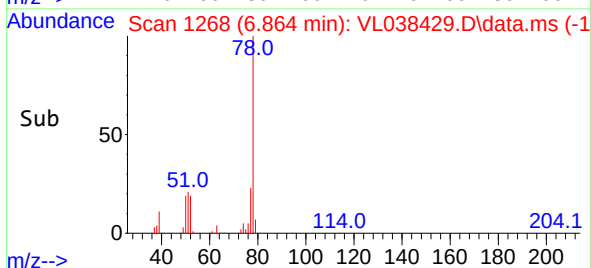
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

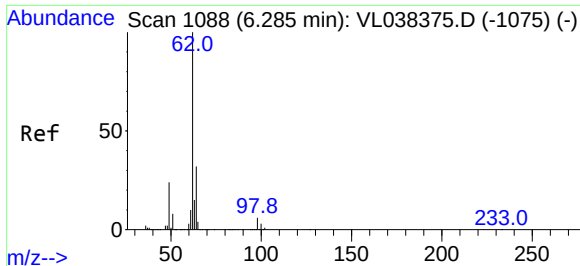


#36
Benzene
Concen: 10.427 ppbv
RT: 6.864 min Scan# 1268
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17



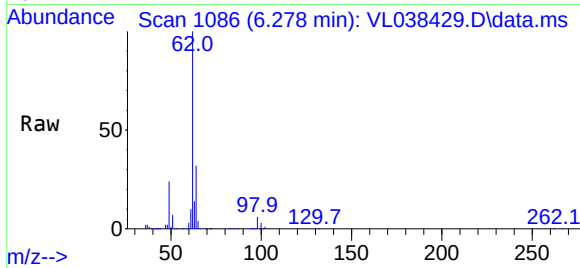
Tgt Ion: 78 Resp: 1941486
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.6
50 18.9 16.6 24.8





#37
1,2-Dichloroethane
Concen: 10.562 ppbv
RT: 6.278 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

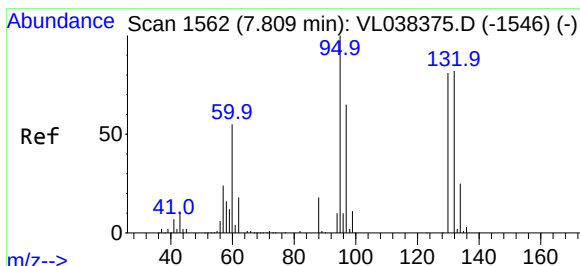
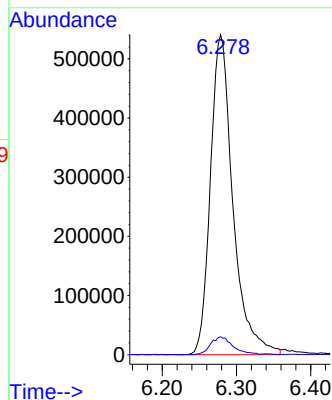
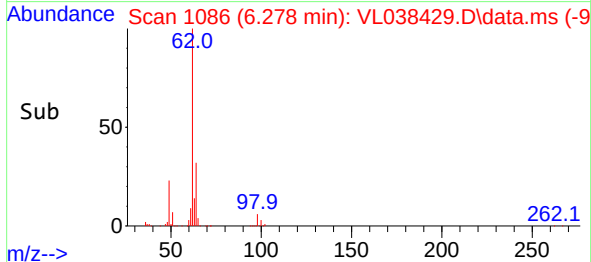
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 62 Resp: 1136490
Ion Ratio Lower Upper
62 100
98 5.7 4.6 7.0

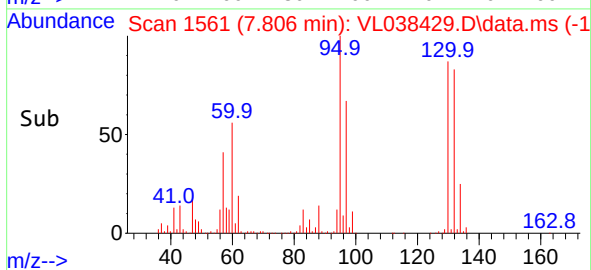
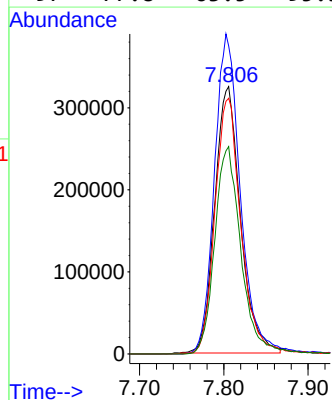
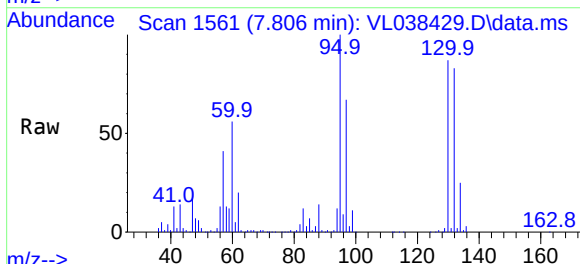
Manual Integrations
APPROVED

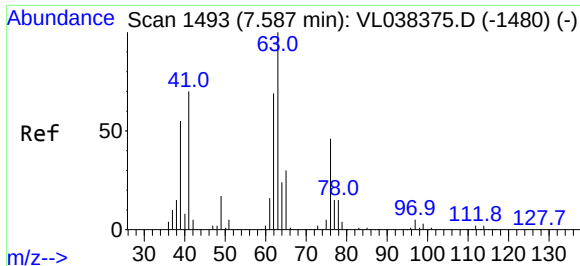
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#38
Trichloroethene
Concen: 10.203 ppbv
RT: 7.806 min Scan# 1561
Delta R.T. -0.003 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

Tgt Ion:130 Resp: 692002
Ion Ratio Lower Upper
130 100
95 115.6 98.1 147.1
132 95.8 80.3 120.5
97 77.8 63.5 95.3





#39
1,2-Dichloropropane
Concen: 10.265 ppbv
RT: 7.581 min Scan# 1491
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

Instrument :

MSVOA_L

ClientSampleId :

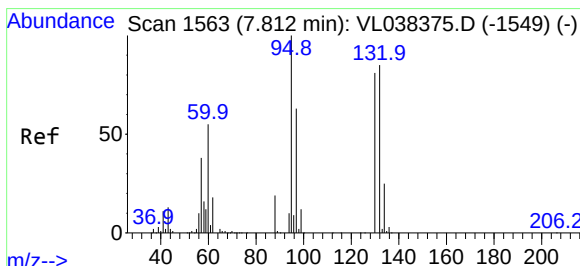
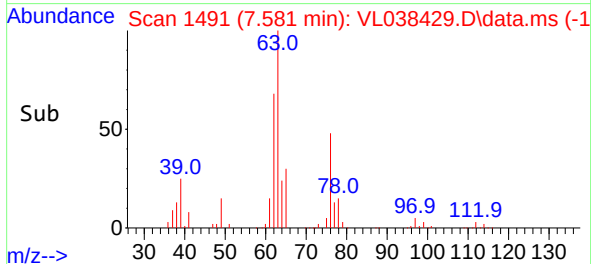
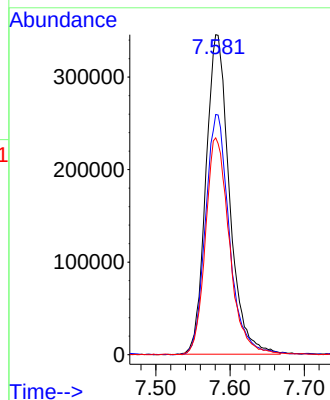
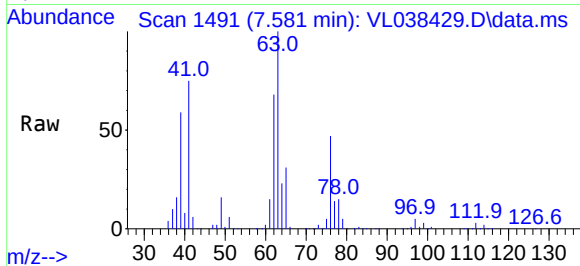
VSTDCCC010EC

Tgt Ion: 63 Resp: 76135
Ion Ratio Lower Upper
63 100
41 75.1 56.1 84.1
62 67.7 55.5 83.3

Manual Integrations

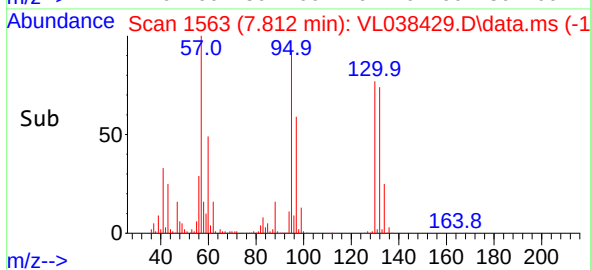
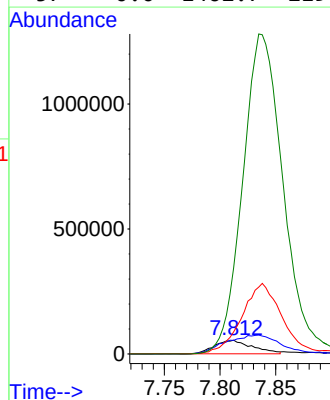
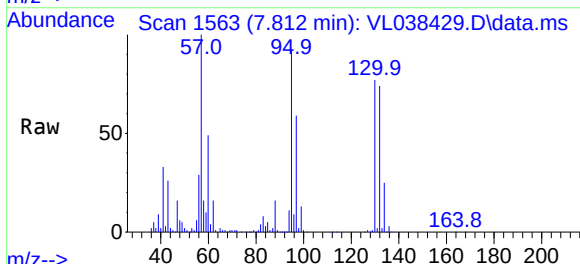
APPROVED

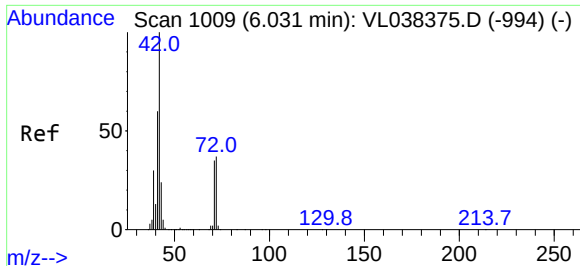
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#40
1,4-Dioxane
Concen: 7.326 ppbv
RT: 7.812 min Scan# 1563
Delta R.T. -0.000 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

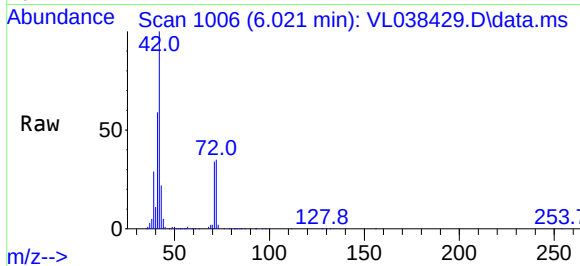
Tgt Ion: 88 Resp: 128885
Ion Ratio Lower Upper
88 100
58 0.0 133.2 199.8#
43 0.0 330.6 496.0#
57 0.0 1462.7 2194.1#





#41
Tetrahydrofuran
Concen: 10.662 ppbv
RT: 6.021 min Scan# 1006
Delta R.T. -0.010 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

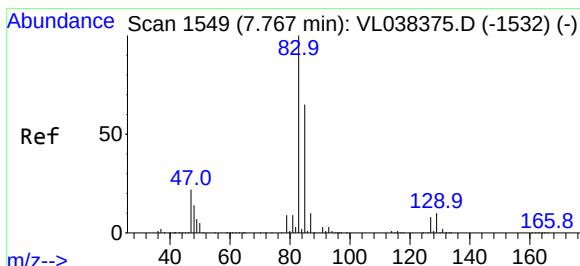
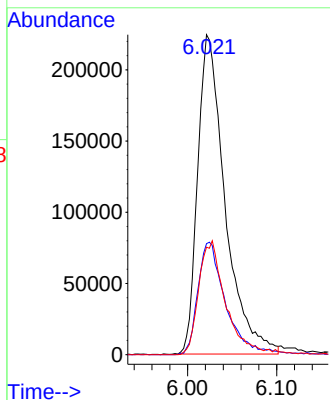
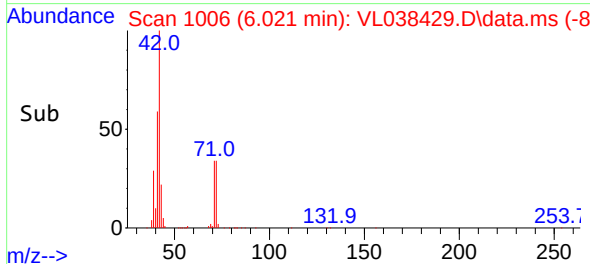
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 479230
Ion Ratio Lower Upper
42 100
72 36.3 29.9 44.9
71 35.8 28.6 42.8

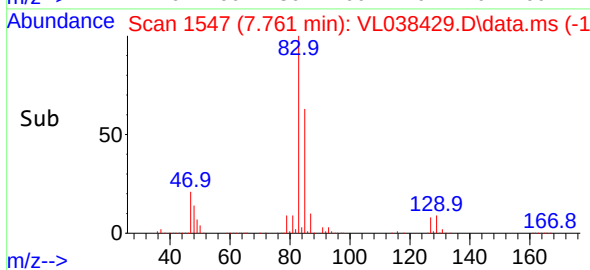
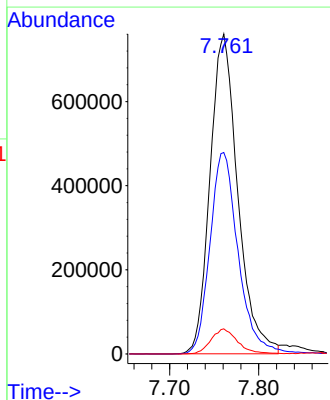
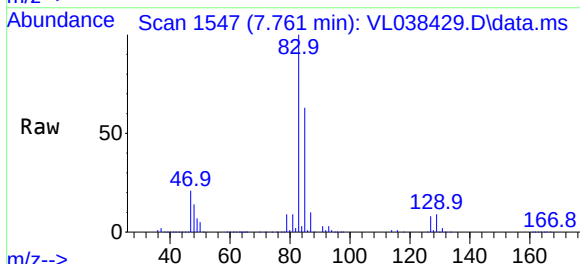
Manual Integrations
APPROVED

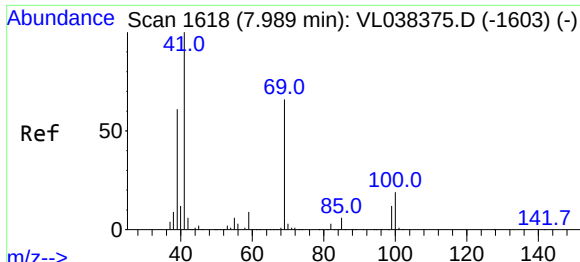
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#42
Bromodichloromethane
Concen: 10.590 ppbv
RT: 7.761 min Scan# 1547
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

Tgt Ion: 83 Resp: 1645383
Ion Ratio Lower Upper
83 100
85 62.9 52.2 78.4
127 7.8 6.2 9.4





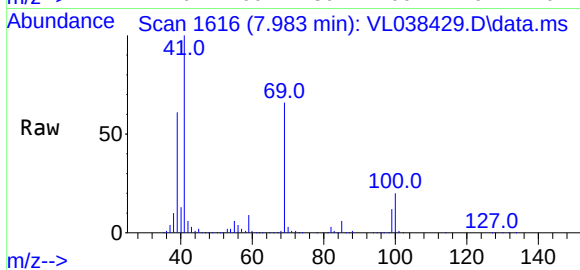
#43
Methyl Methacrylate
Concen: 11.154 ppbv
RT: 7.983 min Scan# 1616
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

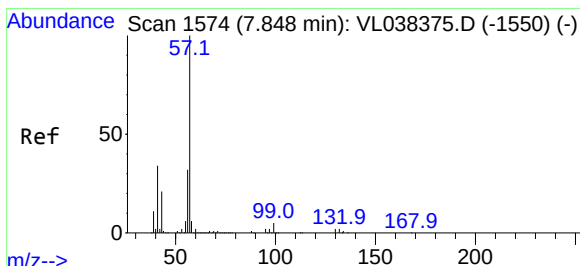
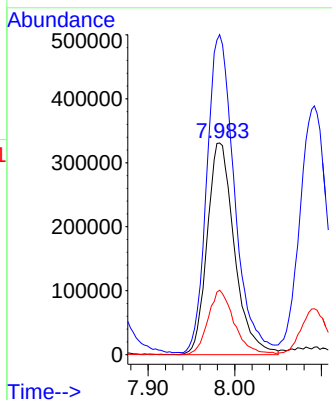
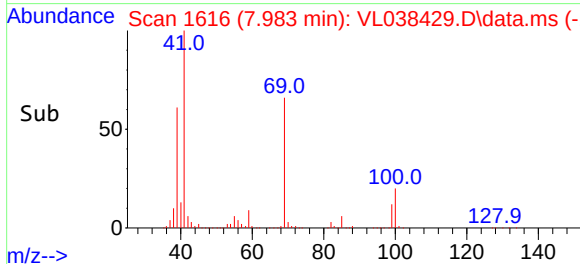


Tgt Ion: 69 Resp: 721984
Ion Ratio Lower Upper
69 100
41 154.0 122.9 184.3
100 29.5 23.6 35.4

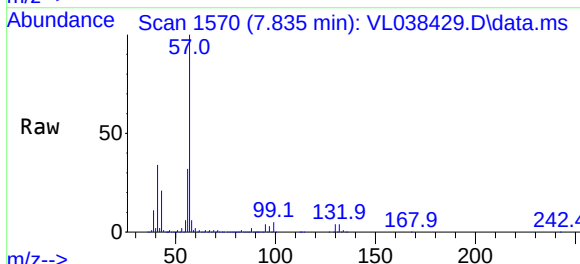
Manual Integrations

APPROVED

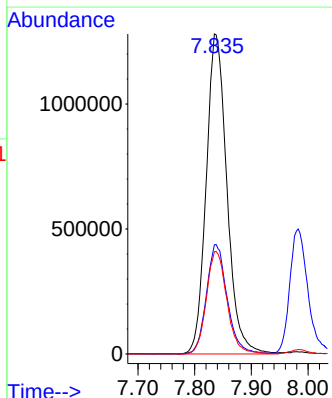
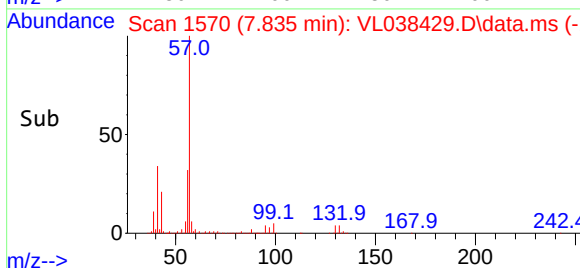
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

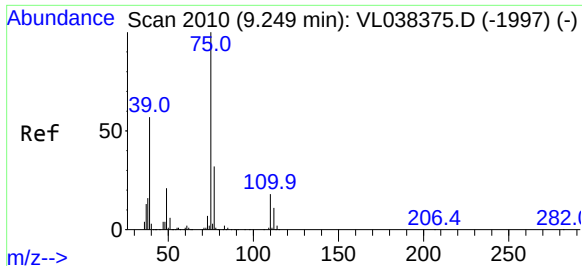


#44
2,2,4-Trimethylpentane
Concen: 10.179 ppbv
RT: 7.835 min Scan# 1570
Delta R.T. -0.013 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17



Tgt Ion: 57 Resp: 3257874
Ion Ratio Lower Upper
57 100
41 34.2 26.6 39.8
56 31.7 25.0 37.6





#45
t-1,3-Dichloropropene
Concen: 10.435 ppbv
RT: 9.243 min Scan# 20
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

Instrument :

MSVOA_L

ClientSampleId :

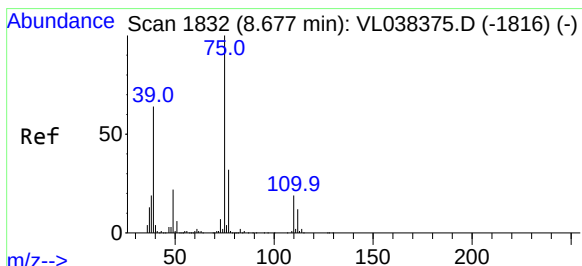
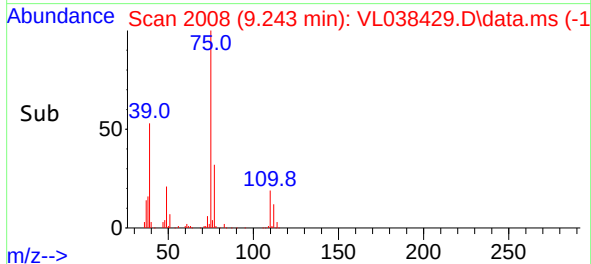
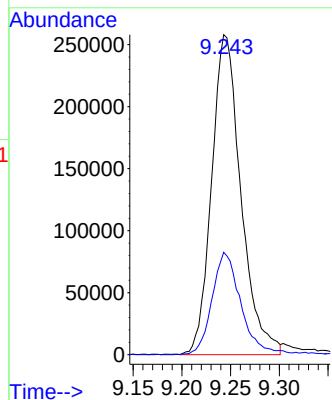
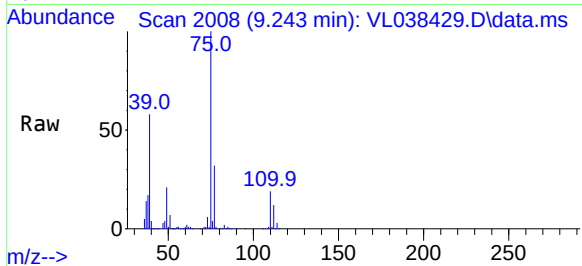
VSTDCCC010EC

Tgt Ion: 75 Resp: 539824
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0

Manual Integrations

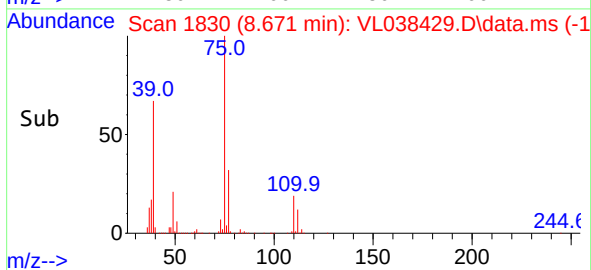
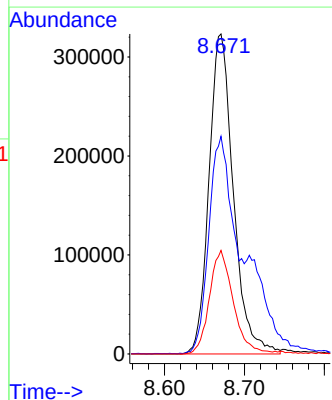
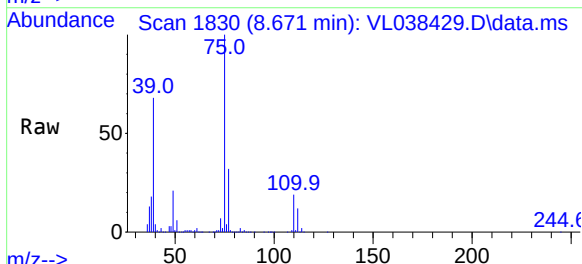
APPROVED

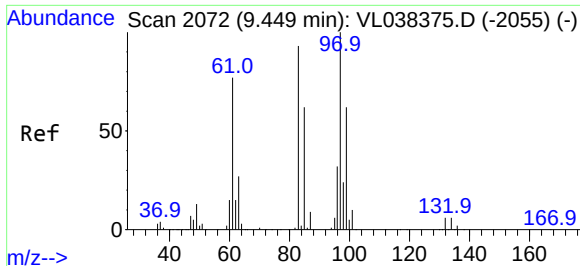
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#46
cis-1,3-Dichloropropene
Concen: 10.081 ppbv
RT: 8.671 min Scan# 1830
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

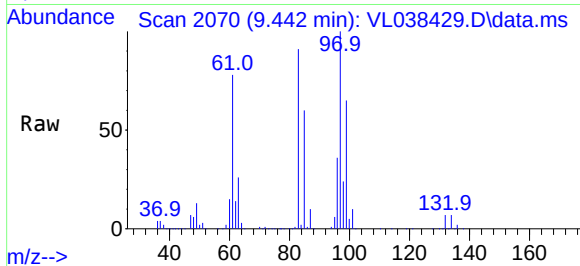
Tgt Ion: 75 Resp: 683500
Ion Ratio Lower Upper
75 100
39 67.7 51.4 77.2
77 32.4 25.4 38.2





#47
1,1,2-Trichloroethane
Concen: 10.546 ppbv
RT: 9.442 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

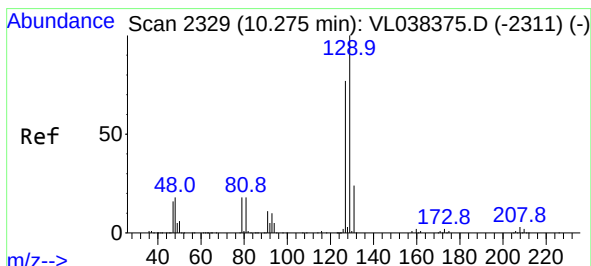
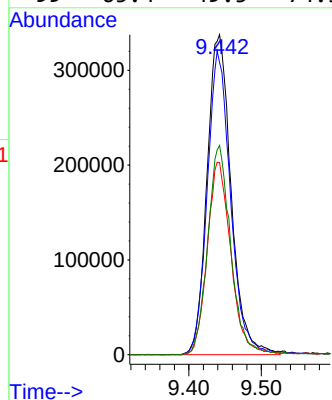
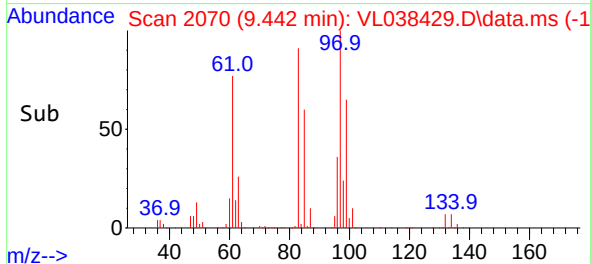
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 97 Resp: 778210
Ion Ratio Lower Upper
97 100
83 91.4 74.2 111.4
85 60.1 49.8 74.8
99 65.4 49.5 74.3

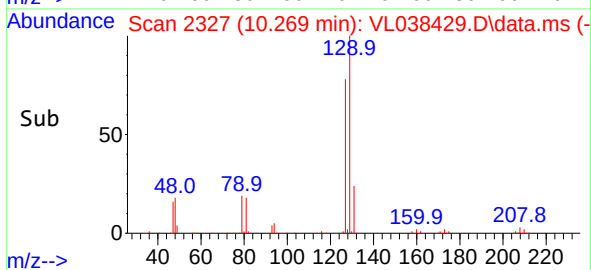
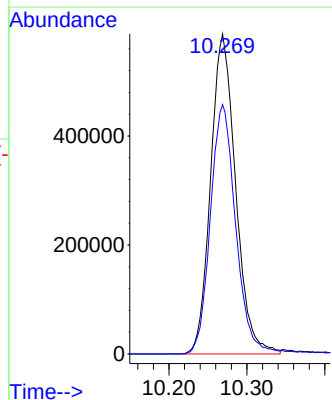
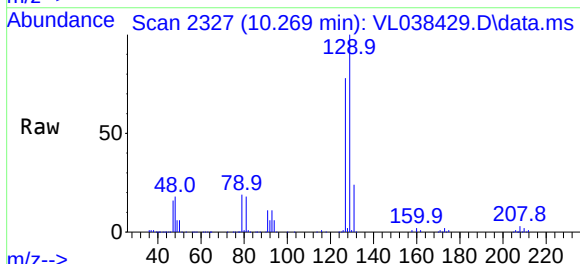
Manual Integrations
APPROVED

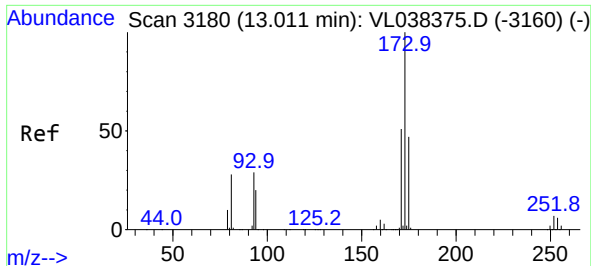
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#48
Dibromochloromethane
Concen: 10.865 ppbv
RT: 10.269 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

Tgt Ion:129 Resp: 1310956
Ion Ratio Lower Upper
129 100
127 79.7 39.4 118.1





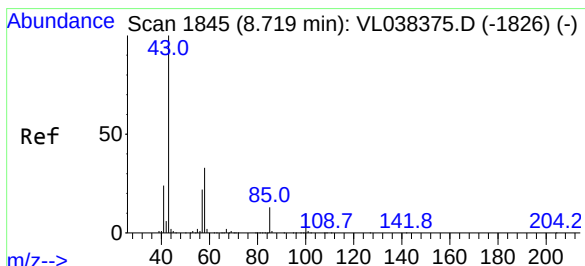
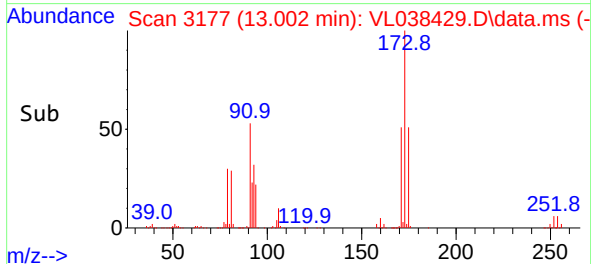
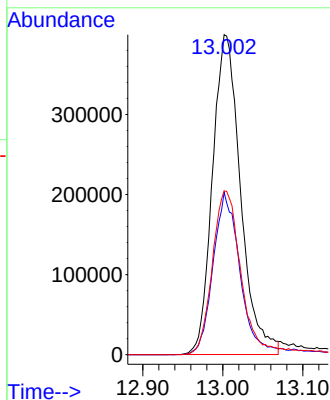
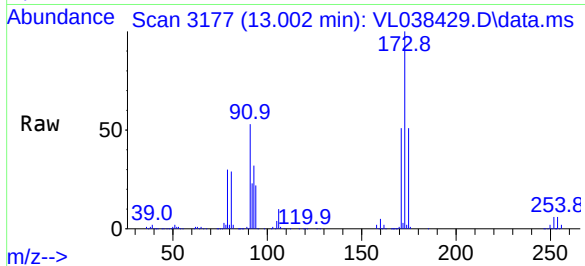
#49
Bromoform
Concen: 10.929 ppbv
RT: 13.002 min Scan# 3177
Delta R.T. -0.010 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:173 Resp: 97331
Ion Ratio Lower Upper
173 100
175 51.6 40.2 60.2
171 54.8 42.7 64.1

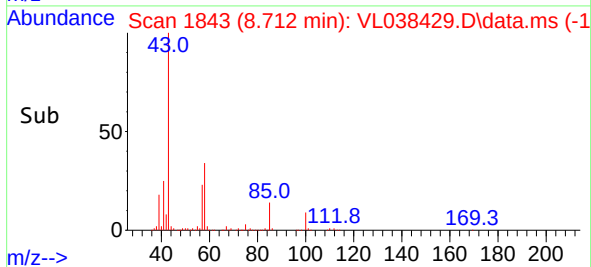
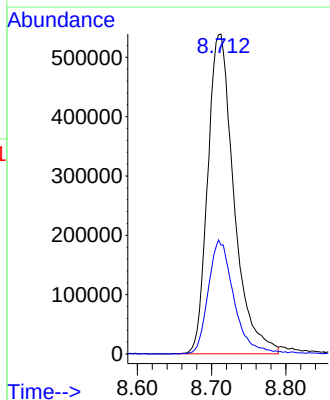
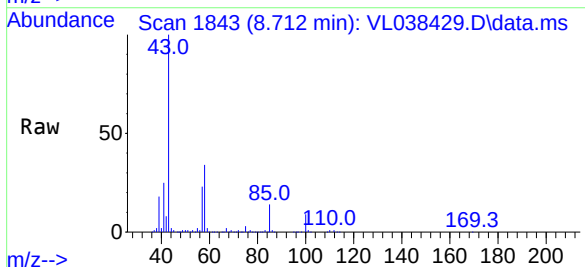
Manual Integrations
APPROVED

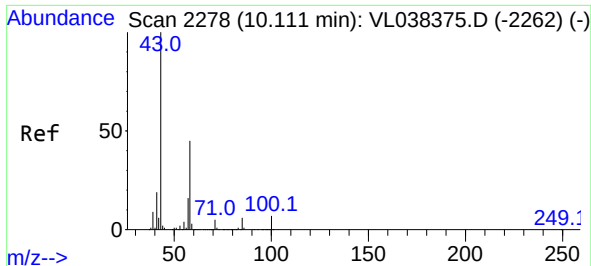
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#50
4-Methyl-2-Pentanone
Concen: 11.234 ppbv
RT: 8.712 min Scan# 1843
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

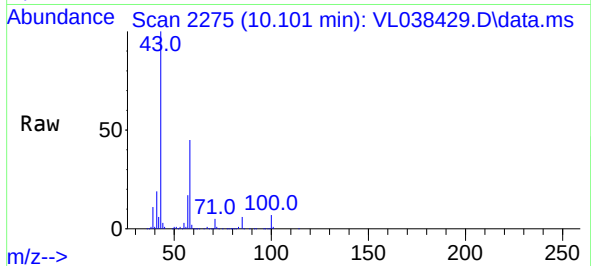
Tgt Ion: 43 Resp: 1321317
Ion Ratio Lower Upper
43 100
58 35.3 27.7 41.5





#51
2-Hexanone
Concen: 11.426 ppbv
RT: 10.101 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

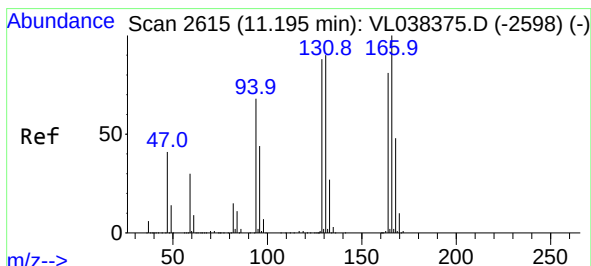
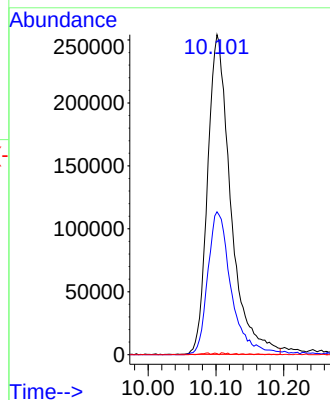
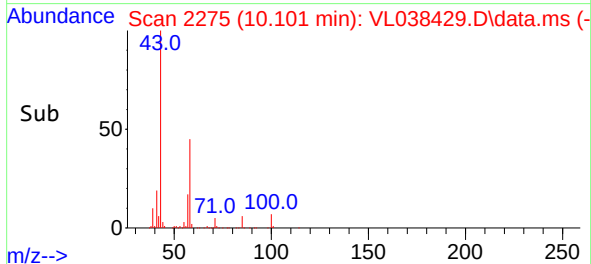
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



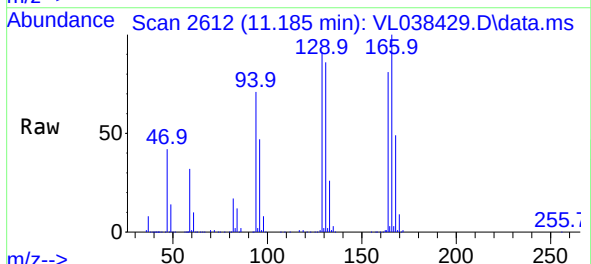
Tgt Ion: 43 Resp: 601659
Ion Ratio Lower Upper
43 100
58 46.1 37.4 56.0
98 0.3 0.1 0.1

Manual Integrations
APPROVED

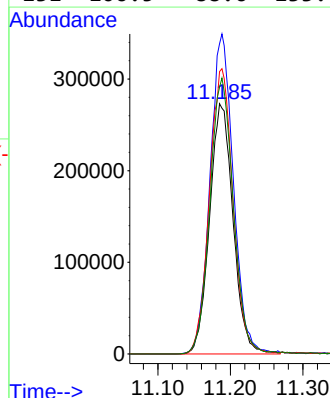
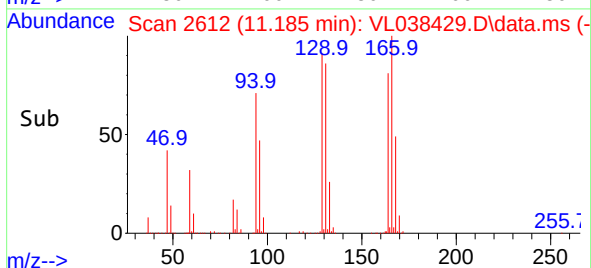
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

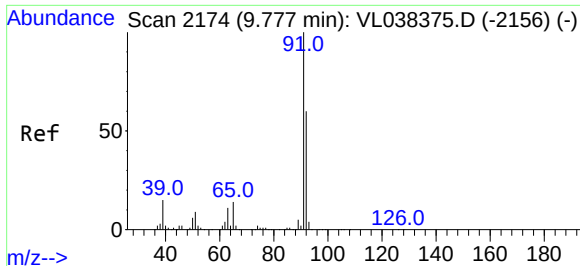


#52
Tetrachloroethene
Concen: 9.937 ppbv
RT: 11.185 min Scan# 2612
Delta R.T. -0.010 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17



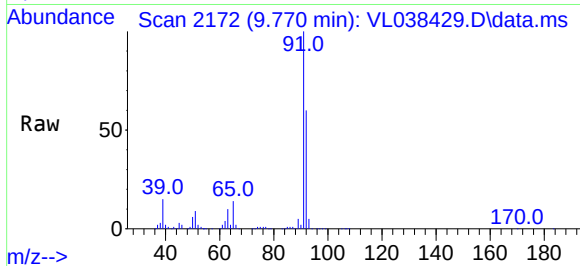
Tgt Ion:164 Resp: 614277
Ion Ratio Lower Upper
164 100
166 123.9 98.6 148.0
129 112.8 86.9 130.3
131 106.5 88.6 133.0





#53
Toluene
Concen: 10.706 ppbv
RT: 9.770 min Scan# 2174
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

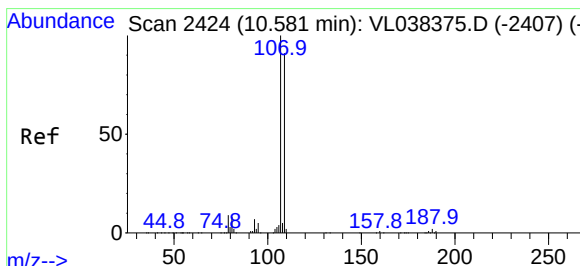
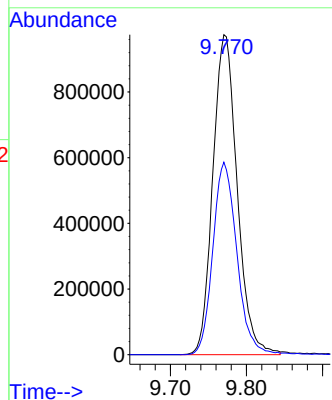
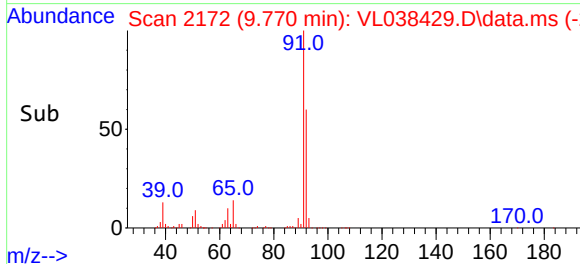
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



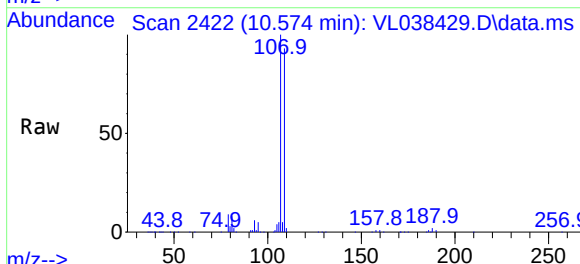
Tgt Ion: 91 Resp: 216456
Ion Ratio Lower Upper
91 100
92 59.6 48.2 72.4

Manual Integrations
APPROVED

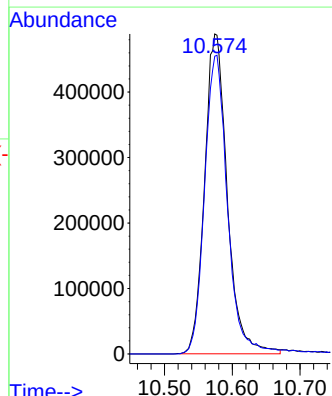
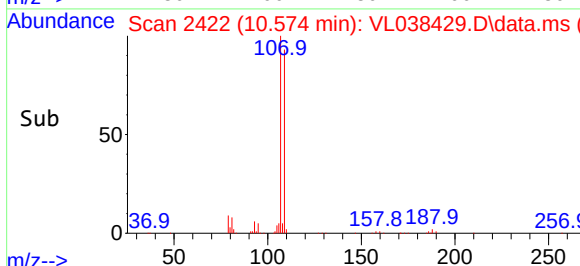
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

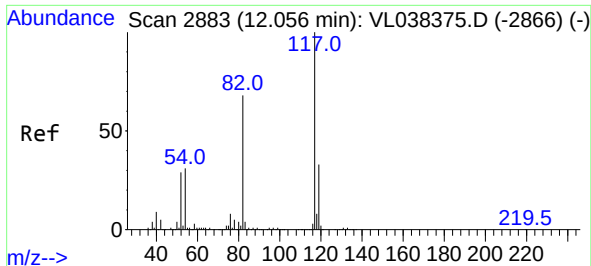


#54
1,2-Dibromoethane
Concen: 10.949 ppbv
RT: 10.574 min Scan# 2422
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17



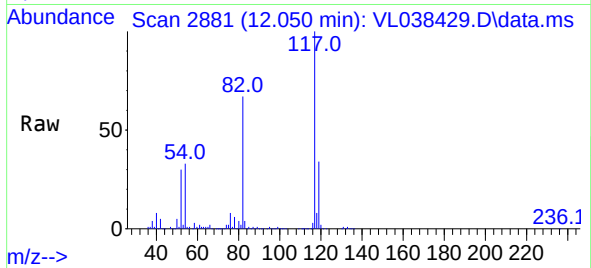
Tgt Ion:107 Resp: 1137266
Ion Ratio Lower Upper
107 100
109 93.0 73.0 109.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.050 min Scan# 2883
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

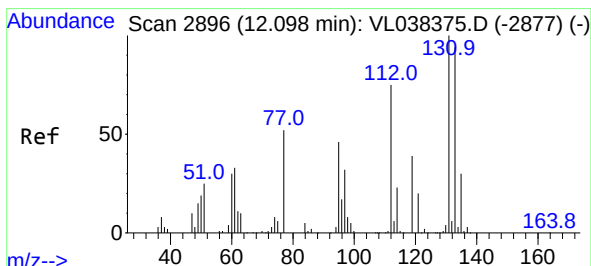
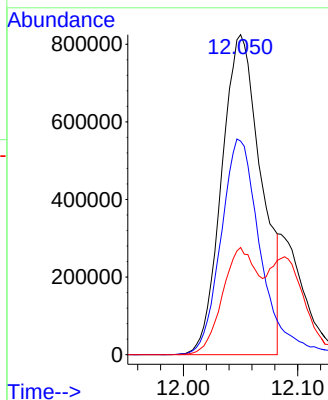
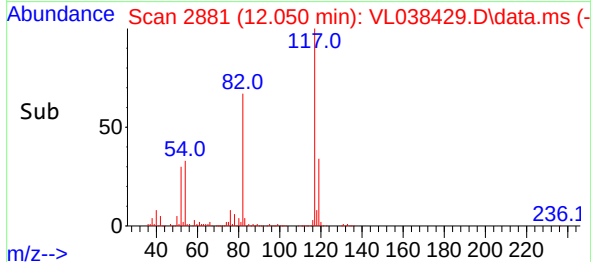
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



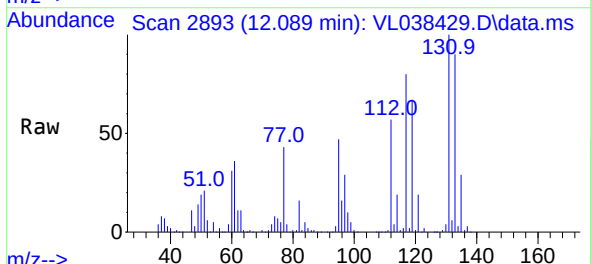
Tgt Ion:117 Resp: 199230
Ion Ratio Lower Upper
117 100
82 69.2 54.9 82.3
119 27.8 46.1 69.1

Manual Integrations
APPROVED

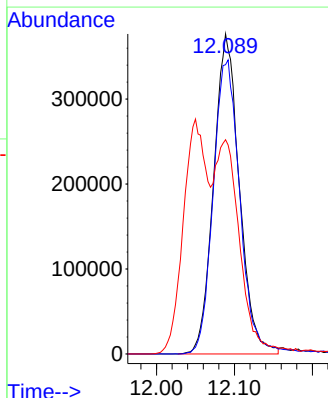
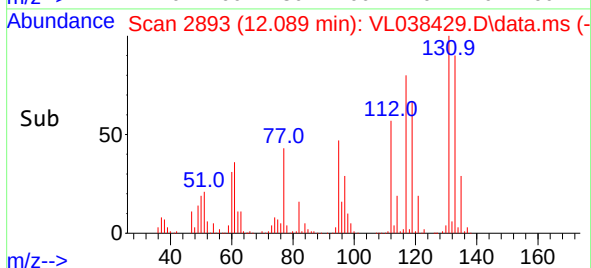
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

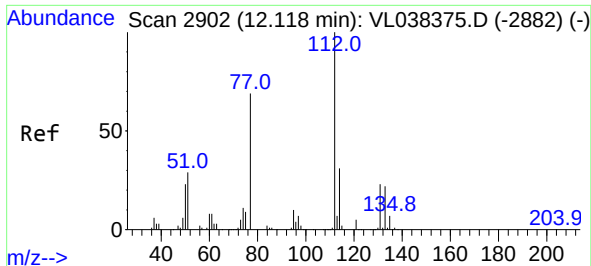


#56
1,1,1,2-Tetrachloroethane
Concen: 10.388 ppbv
RT: 12.089 min Scan# 2893
Delta R.T. -0.010 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17



Tgt Ion:131 Resp: 862663
Ion Ratio Lower Upper
131 100
133 97.4 77.3 115.9
119 73.9 48.6 73.0





#57

Chlorobenzene

Concen: 9.805 ppbv

RT: 12.111 min Scan# 2902

Delta R.T. -0.006 min

Lab File: VL038429.D

Acq: 24 Feb 2022 5:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:112 Resp: 150716

Ion Ratio Lower Upper

112 100

77 71.3 55.2 82.8

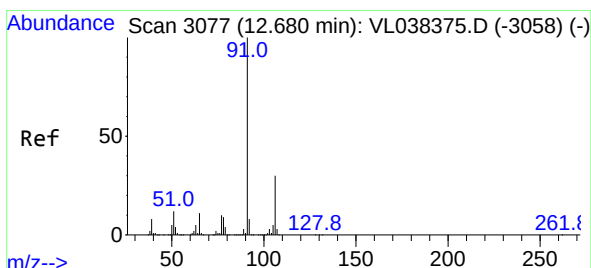
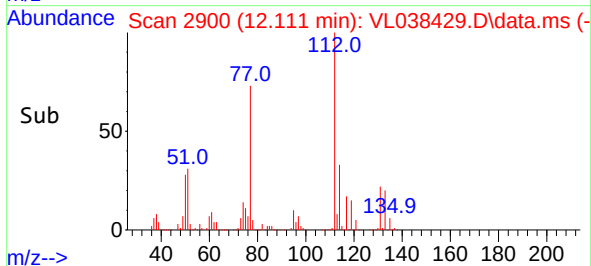
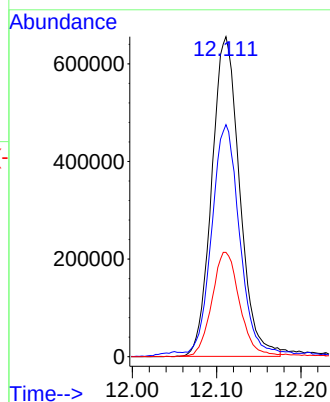
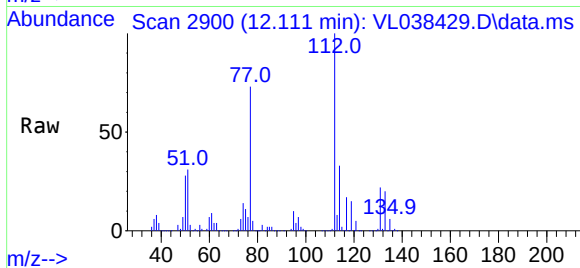
114 32.5 27.9 34.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/24/2022

Supervised By :Mahesh Dadoda 02/25/2022



#58

Ethyl Benzene

Concen: 10.668 ppbv

RT: 12.674 min Scan# 3075

Delta R.T. -0.006 min

Lab File: VL038429.D

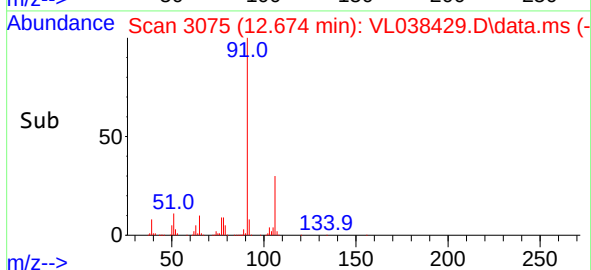
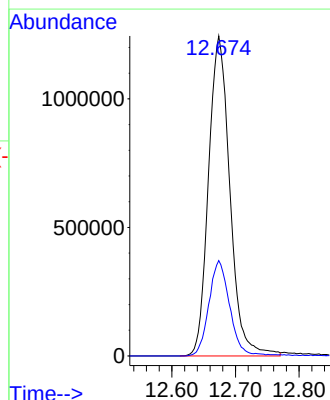
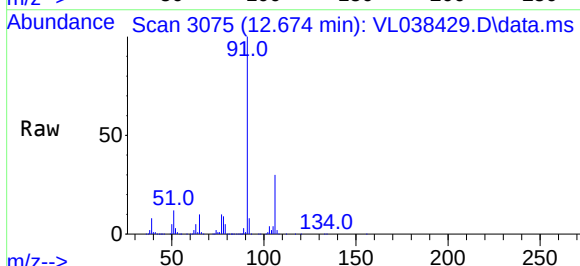
Acq: 24 Feb 2022 5:17

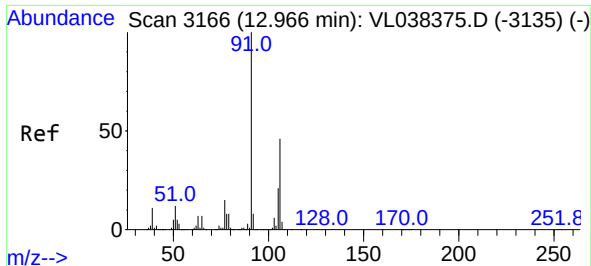
Tgt Ion: 91 Resp: 2906314

Ion Ratio Lower Upper

91 100

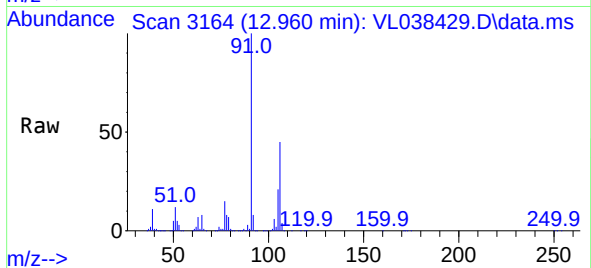
106 29.8 24.0 36.0





#59
m/p-Xylene
Concen: 20.999 ppbv m
RT: 12.960 min Scan# 3166
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

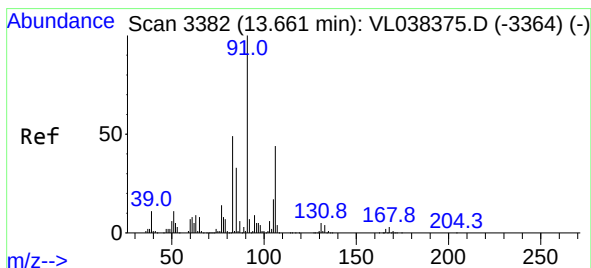
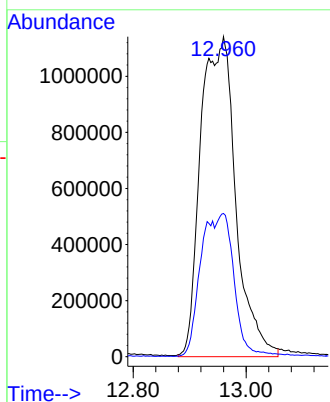
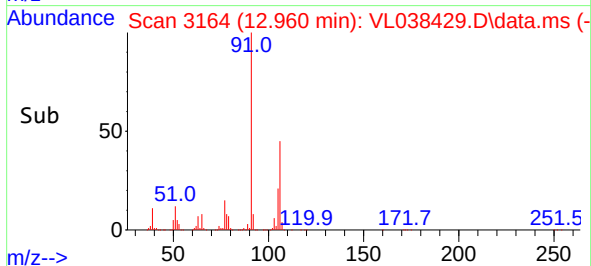
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



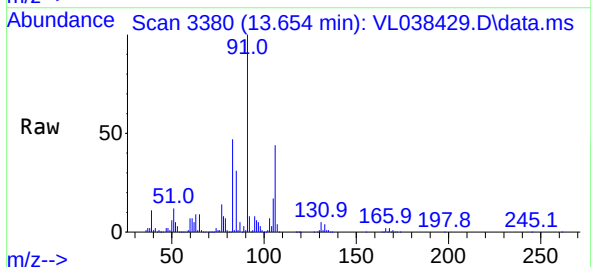
Tgt Ion: 91 Resp: 4913309
Ion Ratio Lower Upper
91 100
106 42.9 34.4 51.6

Manual Integrations
APPROVED

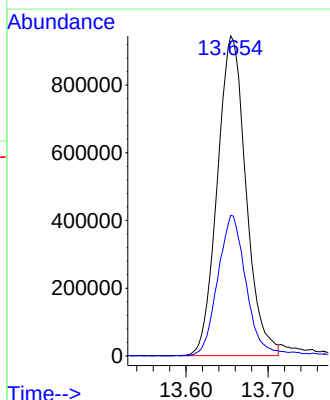
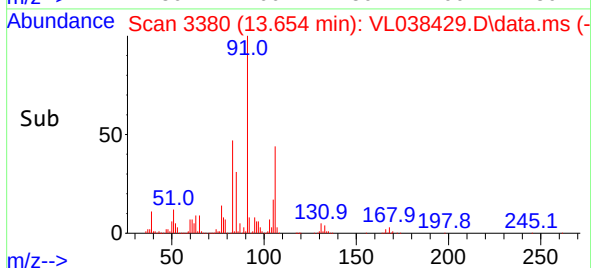
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

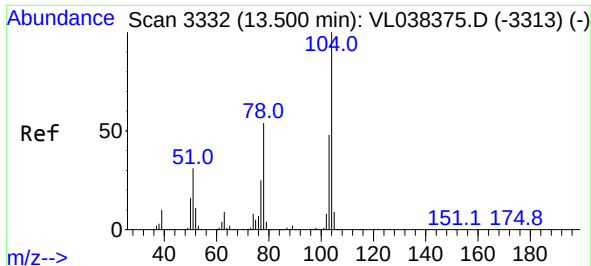


#60
o-Xylene
Concen: 10.366 ppbv
RT: 13.654 min Scan# 3380
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17



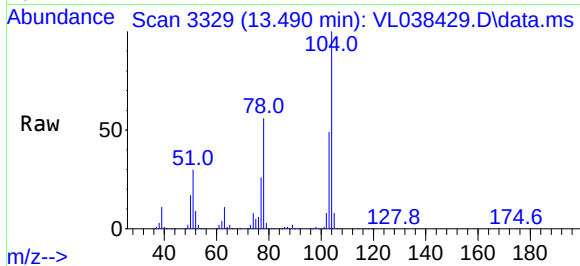
Tgt Ion: 91 Resp: 2292738
Ion Ratio Lower Upper
91 100
106 45.0 21.9 65.5





#61
Styrene
Concen: 11.151 ppbv
RT: 13.490 min Scan# 311
Delta R.T. -0.010 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

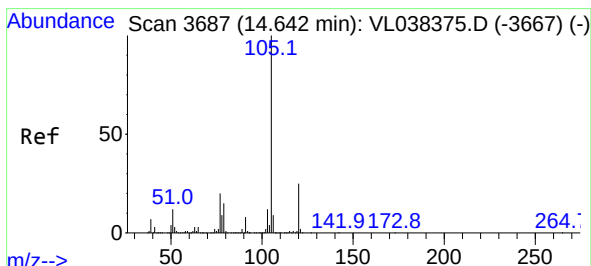
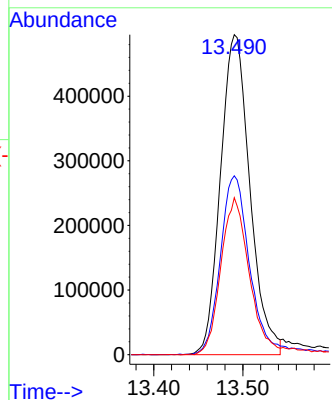
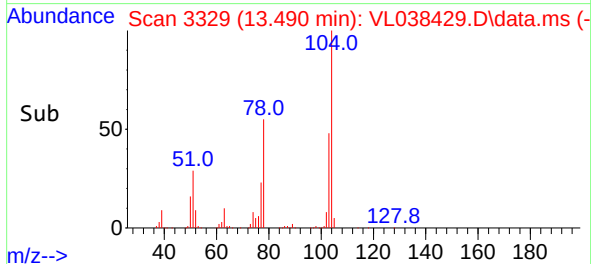
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



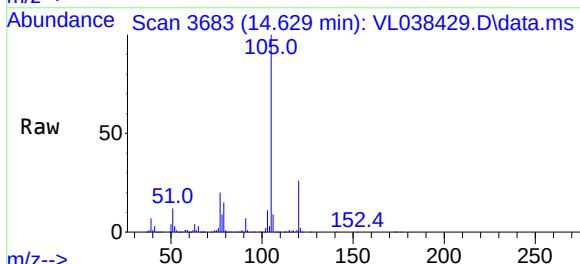
Tgt Ion:104 Resp: 113756
Ion Ratio Lower Upper
104 100
78 57.2 44.2 66.4
103 49.5 38.4 57.6

Manual Integrations
APPROVED

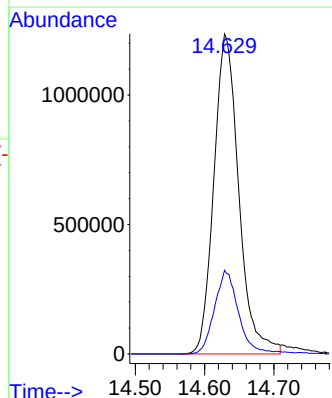
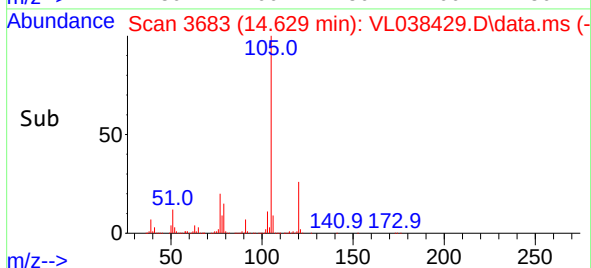
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

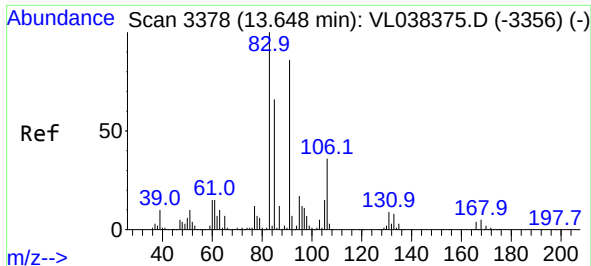


#62
Isopropylbenzene
Concen: 10.388 ppbv
RT: 14.629 min Scan# 3683
Delta R.T. -0.013 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17



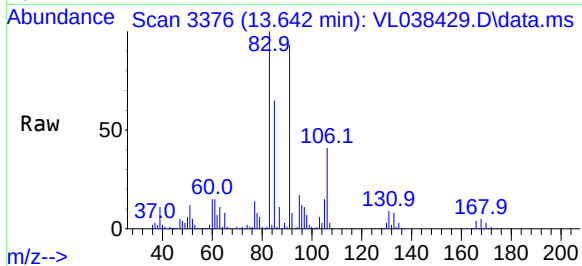
Tgt Ion:105 Resp: 3083709
Ion Ratio Lower Upper
105 100
120 25.6 20.6 30.8





#63
1,1,2,2-Tetrachloroethane
Concen: 9.416 ppbv
RT: 13.642 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

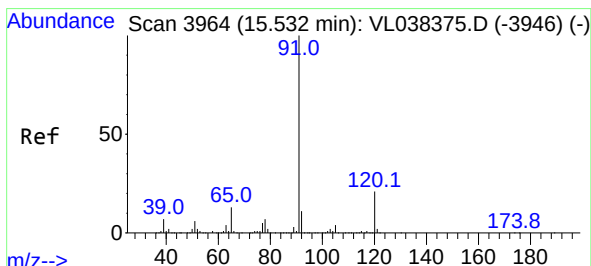
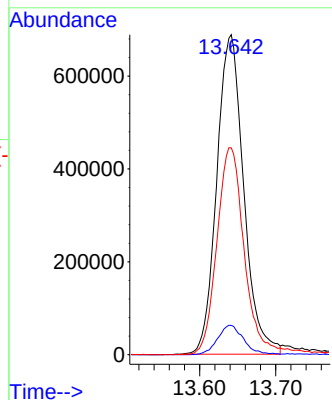
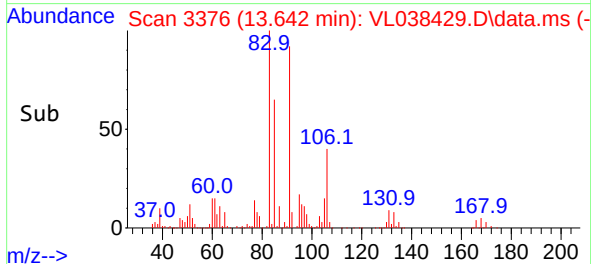
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



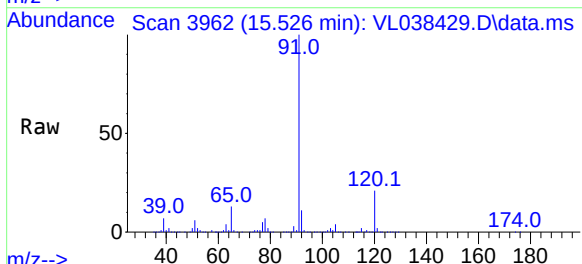
Tgt Ion: 83 Resp: 169210
Ion Ratio Lower Upper
83 100
131 9.0 4.5 13.7
85 67.7 33.0 99.0

Manual Integrations
APPROVED

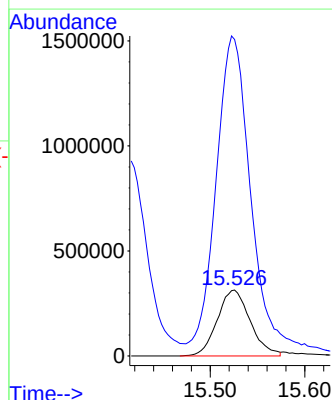
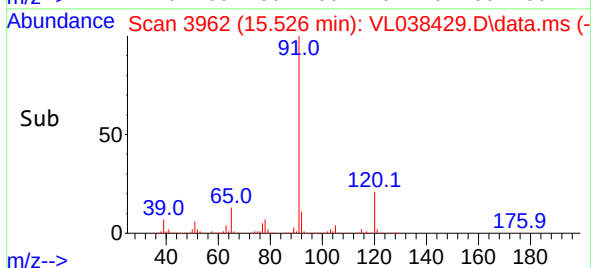
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

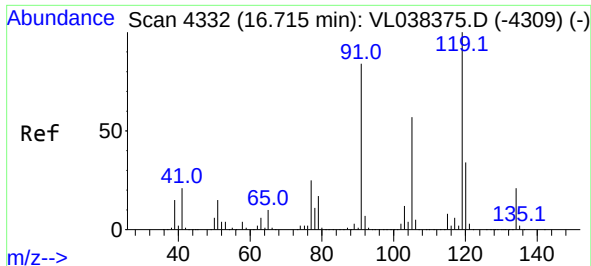


#64
n-propylbenzene
Concen: 10.341 ppbv
RT: 15.526 min Scan# 3962
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17



Tgt Ion:120 Resp: 760051
Ion Ratio Lower Upper
120 100
91 532.0 388.1 582.1





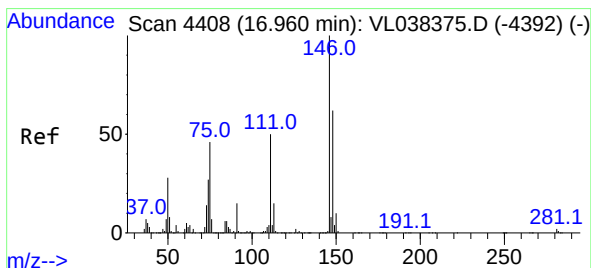
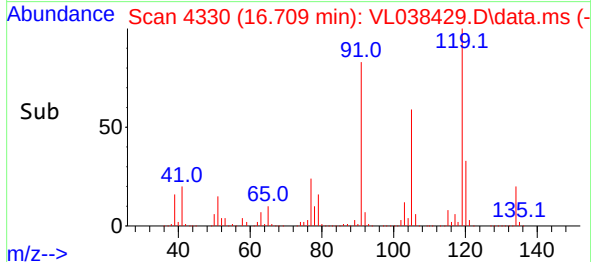
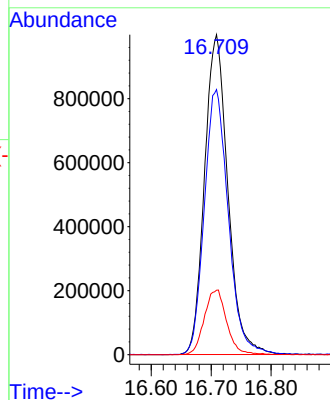
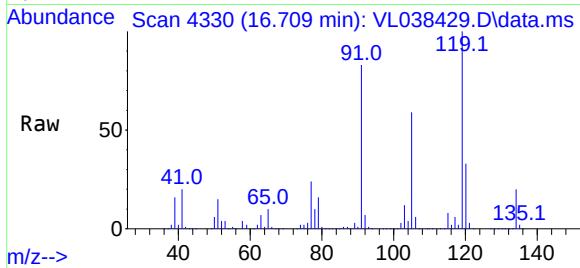
#65
tert-Butylbenzene
Concen: 10.515 ppbv
RT: 16.709 min Scan# 411
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 2703709
Ion Ratio Lower Upper
119 100
91 85.6 68.0 102.0
134 19.5 15.8 23.8

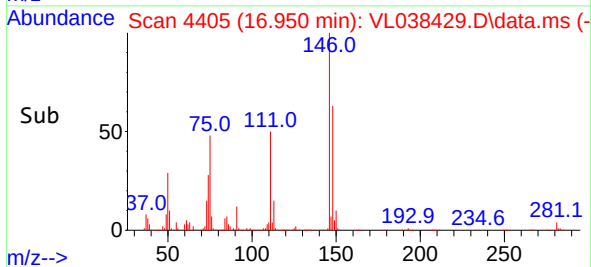
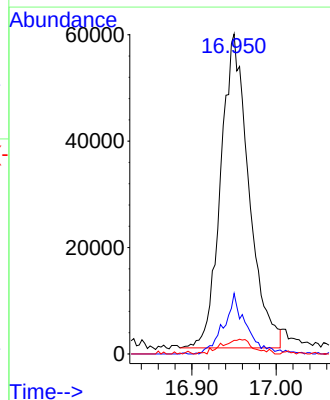
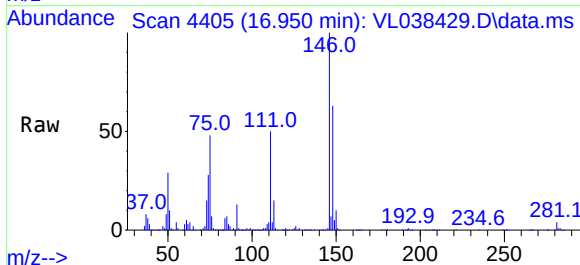
Manual Integrations
APPROVED

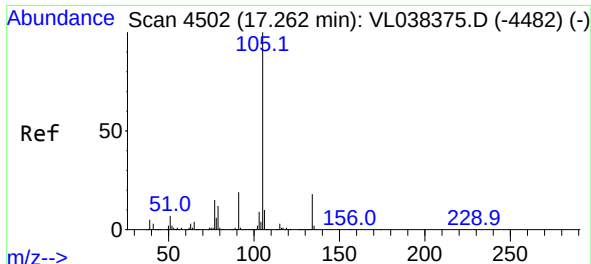
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#66
Benzyl Chloride
Concen: 9.867 ppbv
RT: 16.950 min Scan# 4405
Delta R.T. -0.010 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

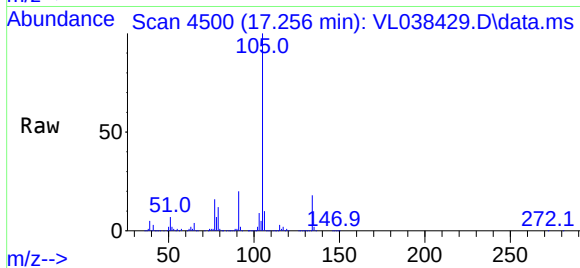
Tgt Ion: 91 Resp: 137093
Ion Ratio Lower Upper
91 100
126 15.9 12.3 18.5
128 5.6 4.2 6.4





#67
 sec-Butylbenzene
 Concen: 10.541 ppbv
 RT: 17.256 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL038429.D
 Acq: 24 Feb 2022 5:17

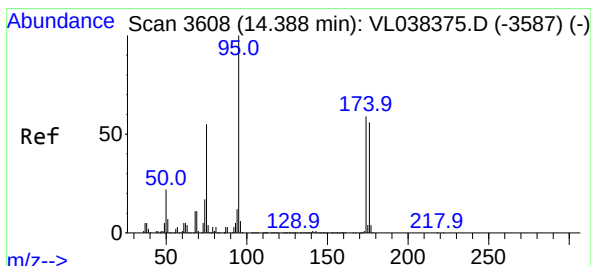
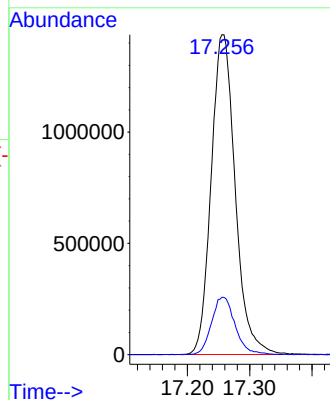
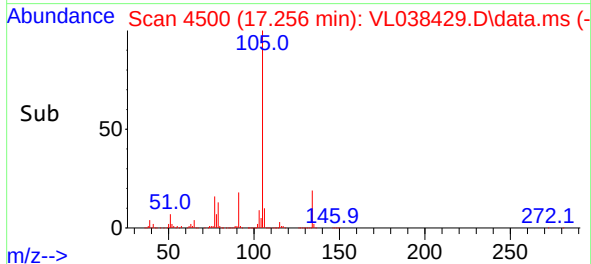
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



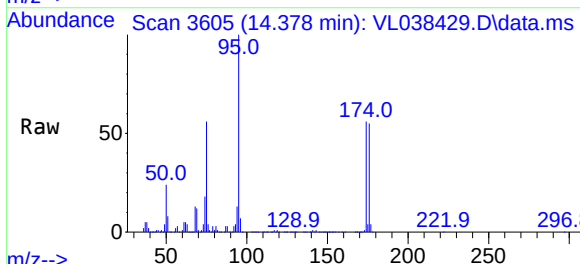
Tgt Ion:105 Resp: 3839954
 Ion Ratio Lower Upper
 105 100
 134 17.7 14.6 21.8

Manual Integrations
 APPROVED

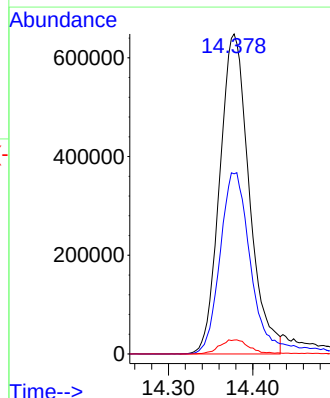
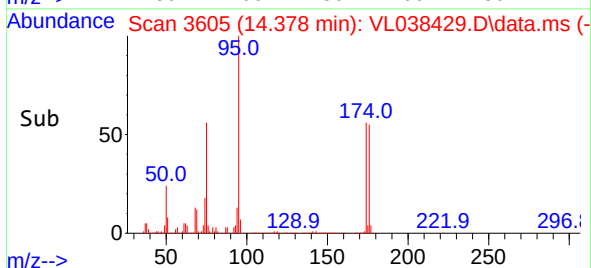
Reviewed By :Semsettin Yesilyurt 02/24/2022
 Supervised By :Mahesh Dadoda 02/25/2022

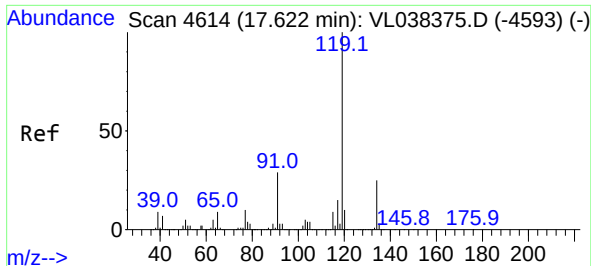


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.529 ppbv
 RT: 14.378 min Scan# 3605
 Delta R.T. -0.010 min
 Lab File: VL038429.D
 Acq: 24 Feb 2022 5:17



Tgt Ion: 95 Resp: 1570848
 Ion Ratio Lower Upper
 95 100
 174 61.7 49.0 73.4
 175 4.8 3.6 5.4





#69
p-Isopropyltoluene
Concen: 10.972 ppbv
RT: 17.616 min Scan# 4612
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

Instrument :

MSVOA_L

ClientSampleId :

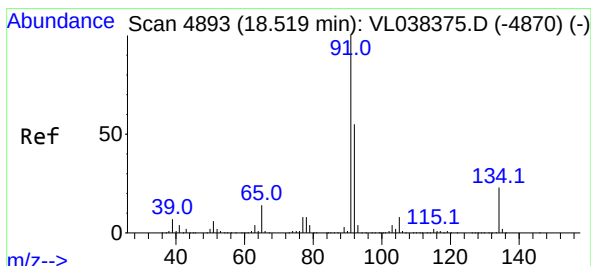
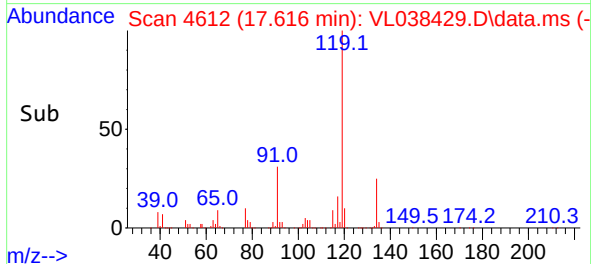
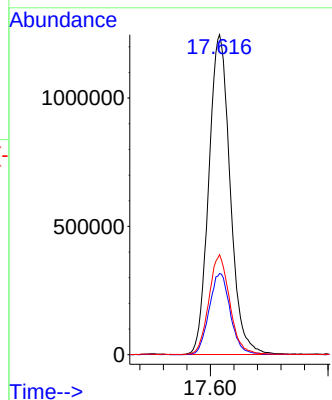
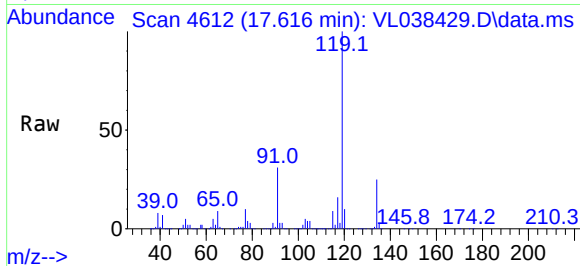
VSTDCCC010EC

Tgt Ion:119 Resp: 3139650
Ion Ratio Lower Upper
119 100
134 25.3 20.4 30.6
91 30.6 23.8 35.8

Manual Integrations

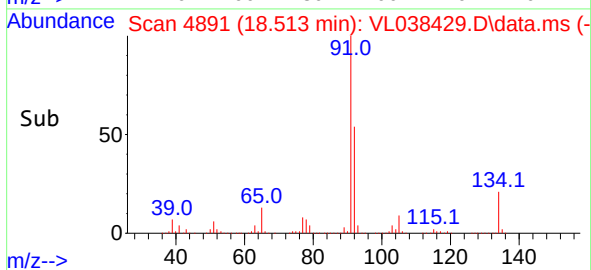
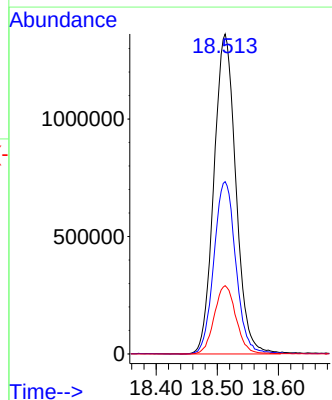
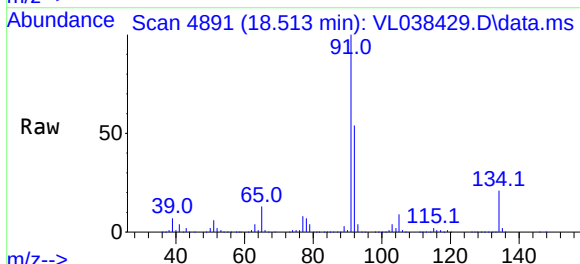
APPROVED

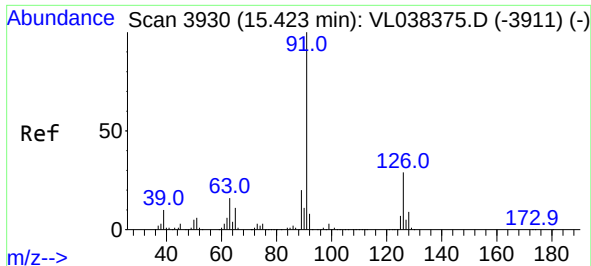
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#70
n-Butylbenzene
Concen: 11.447 ppbv
RT: 18.513 min Scan# 4891
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

Tgt Ion: 91 Resp: 3389822
Ion Ratio Lower Upper
91 100
92 54.1 43.1 64.7
134 21.4 17.4 26.0





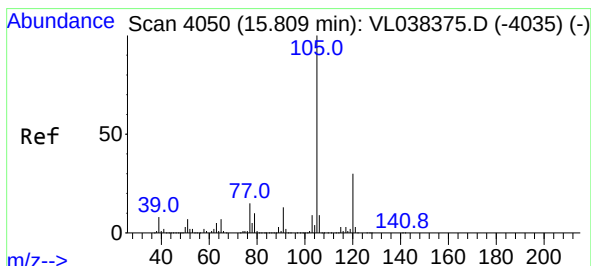
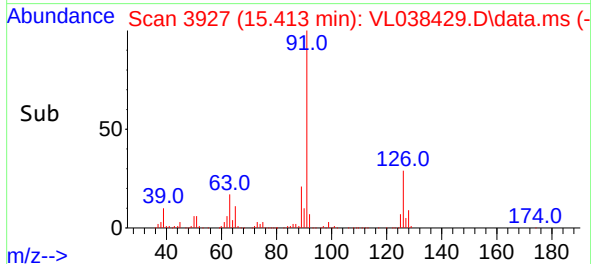
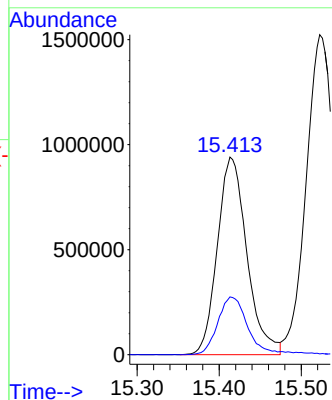
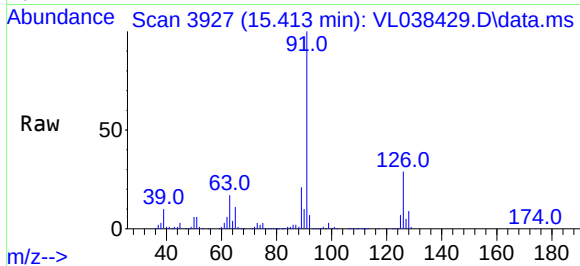
#71
2-Chlorotoluene
Concen: 10.320 ppbv
RT: 15.413 min Scan# 3911
Delta R.T. -0.010 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 235571
Ion Ratio Lower Upper
91 100
126 30.6 11.9 47.7

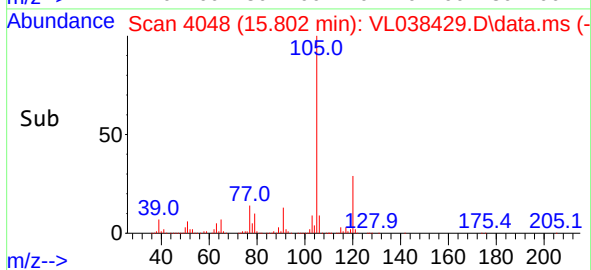
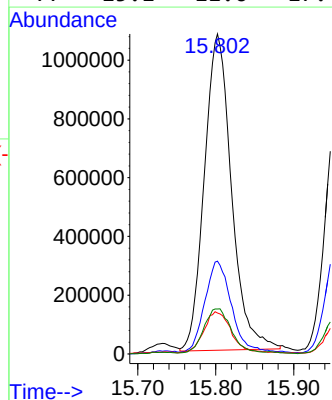
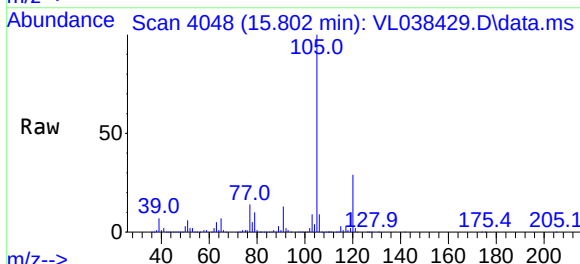
Manual Integrations
APPROVED

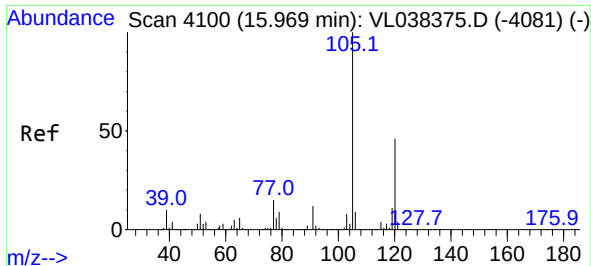
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#72
4-Ethyltoluene
Concen: 10.685 ppbv
RT: 15.802 min Scan# 4048
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

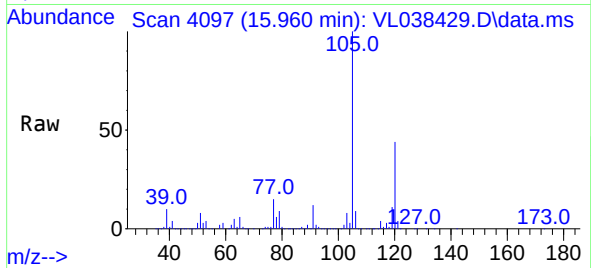
Tgt Ion:105 Resp: 2603892
Ion Ratio Lower Upper
105 100
120 30.0 23.4 35.2
91 13.1 10.4 15.6
77 15.1 11.6 17.4





#73
 1,3,5-Trimethylbenzene
 Concen: 10.513 ppbv
 RT: 15.960 min Scan# 4097
 Delta R.T. -0.010 min
 Lab File: VL038429.D
 Acq: 24 Feb 2022 5:17

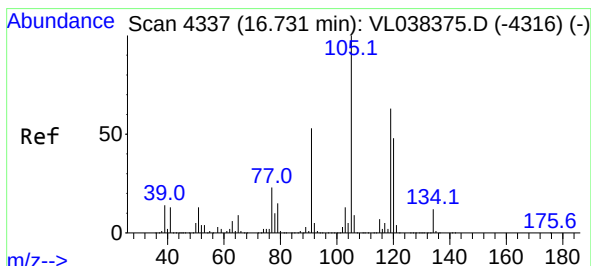
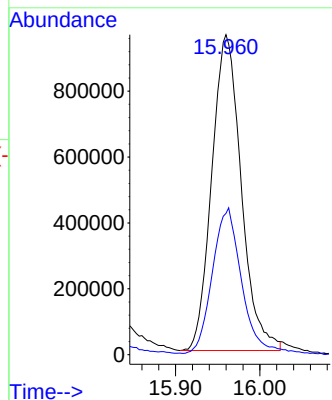
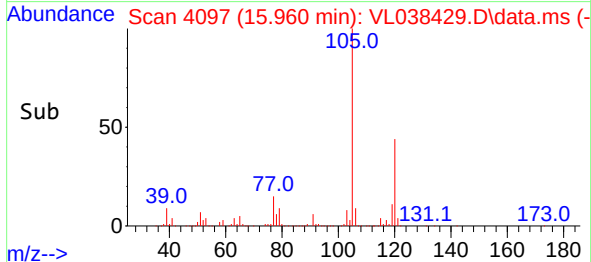
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



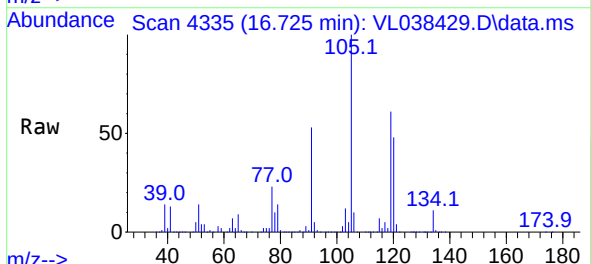
Tgt Ion:105 Resp: 2326634
 Ion Ratio Lower Upper
 105 100
 120 44.2 36.6 55.0

Manual Integrations
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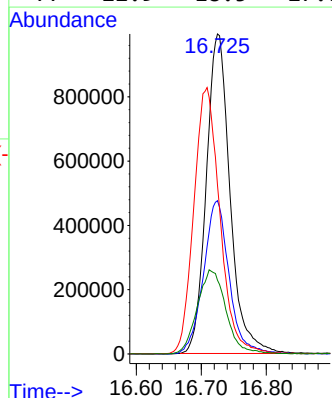
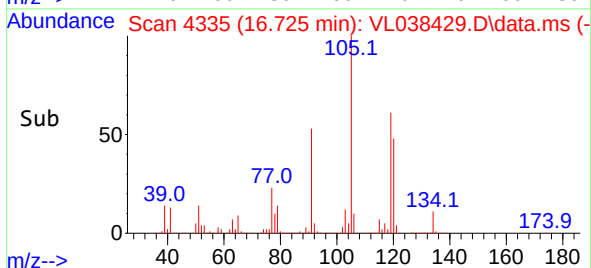
Reviewed By :Semsettin Yesilyurt 02/24/2022
 Supervised By :Mahesh Dadoda 02/25/2022

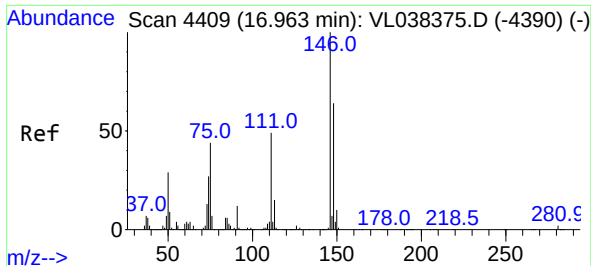


#74
 1,2,4-Trimethylbenzene
 Concen: 10.831 ppbv
 RT: 16.725 min Scan# 4335
 Delta R.T. -0.006 min
 Lab File: VL038429.D
 Acq: 24 Feb 2022 5:17



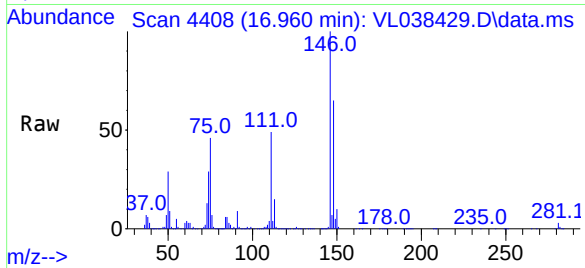
Tgt Ion:105 Resp: 2530756
 Ion Ratio Lower Upper
 105 100
 120 47.7 38.2 57.4
 91 52.7 42.7 64.1
 77 22.9 18.5 27.7





#75
1,3-Dichlorobenzene
Concen: 10.600 ppbv
RT: 16.960 min Scan# 4409
Delta R.T. -0.003 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

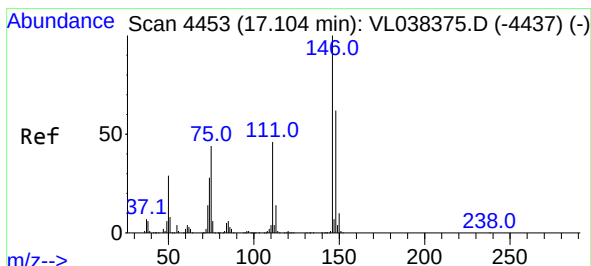
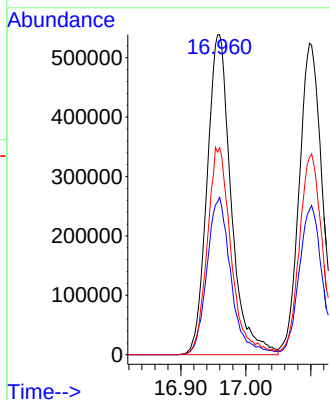
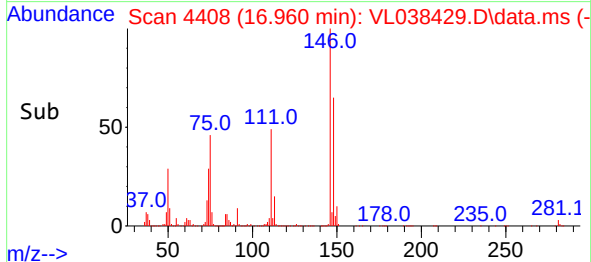
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MSVOA_L
ClientSampleId :
VSTDCCC010EC



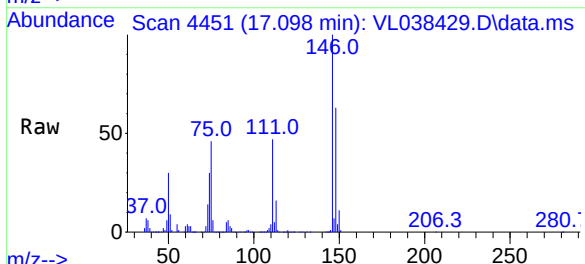
Tgt Ion:146 Resp: 1387224
Ion Ratio Lower Upper
146 100
111 49.0 24.3 72.9
148 64.0 32.0 96.0

Manual Integrations
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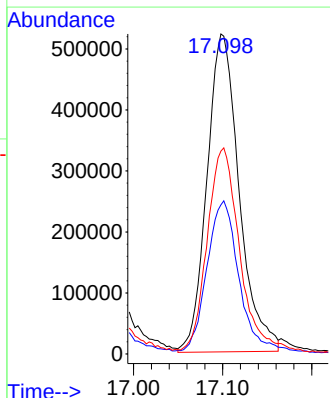
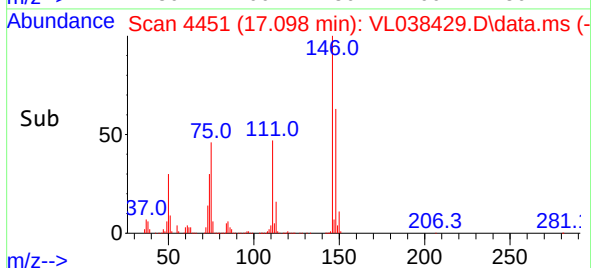
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

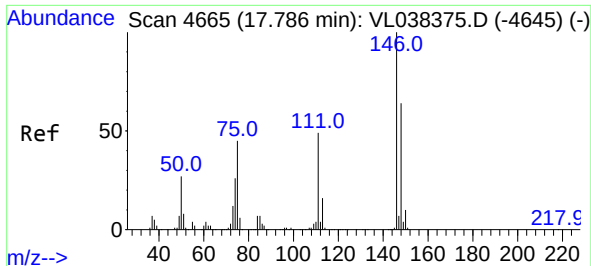


#76
1,4-Dichlorobenzene
Concen: 10.160 ppbv
RT: 17.098 min Scan# 4451
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17



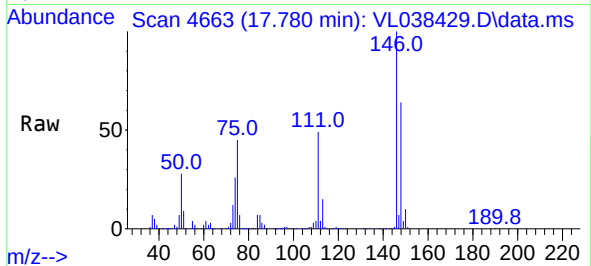
Tgt Ion:146 Resp: 1311171
Ion Ratio Lower Upper
146 100
111 49.1 24.1 72.2
148 66.5 32.8 98.4





#77
1,2-Dichlorobenzene
Concen: 10.413 ppbv
RT: 17.780 min Scan# 4663
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

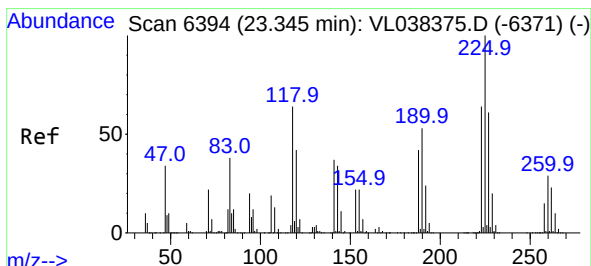
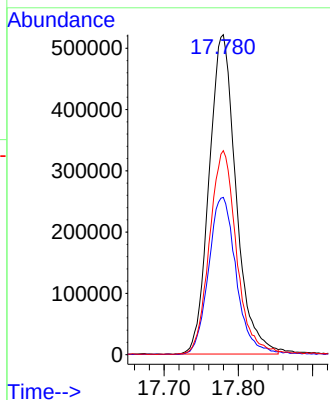
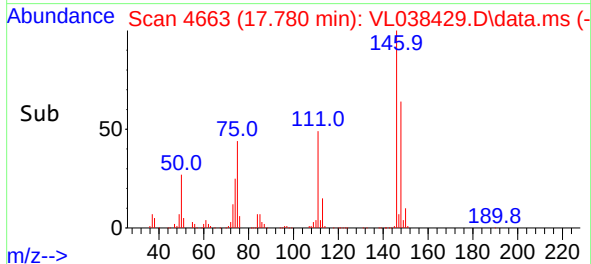
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ClientSampleId :
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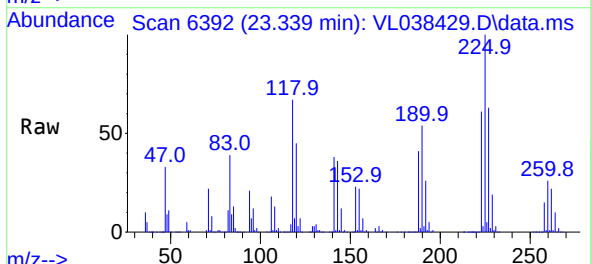
Tgt Ion:146 Resp: 1311780
Ion Ratio Lower Upper
146 100
111 51.0 25.6 76.6
148 64.6 32.4 97.2

Manual Integrations
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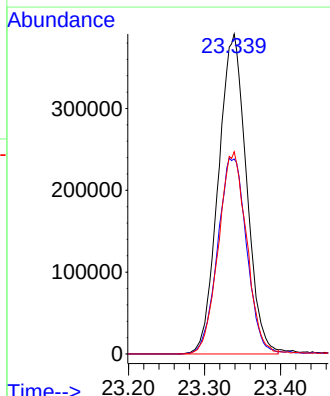
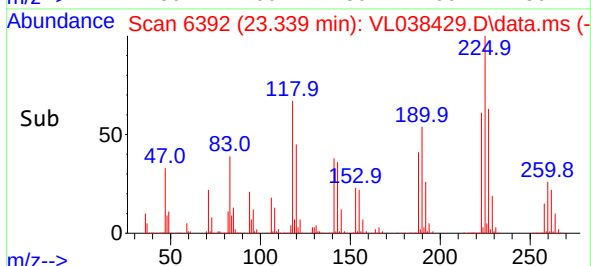
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

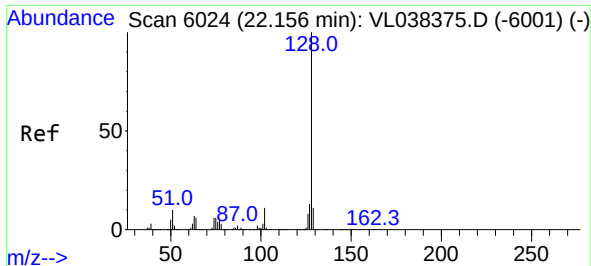


#78
Hexachloro-1,3-Butadiene
Concen: 10.421 ppbv
RT: 23.339 min Scan# 6392
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17



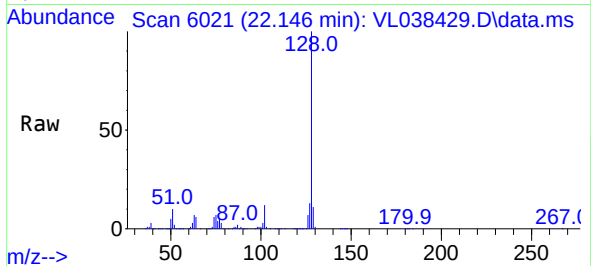
Tgt Ion:225 Resp: 1001197
Ion Ratio Lower Upper
225 100
223 63.6 52.0 78.0
227 63.8 51.6 77.4





#79
Naphthalene
Concen: 14.611 ppbv
RT: 22.146 min Scan# 6024
Delta R.T. -0.010 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17

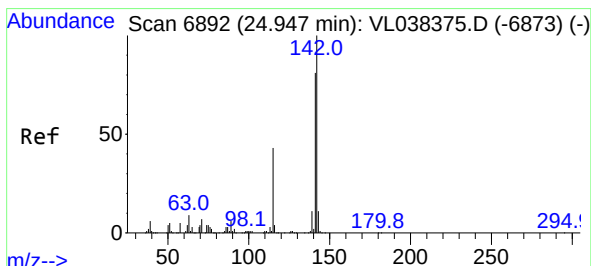
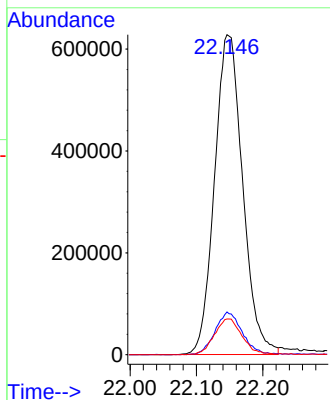
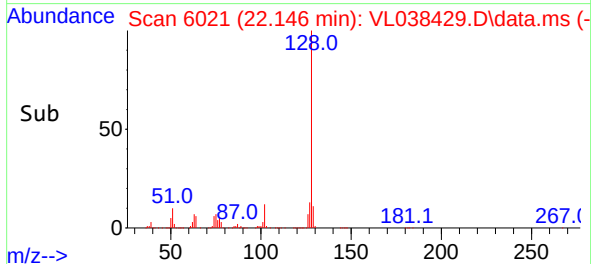
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



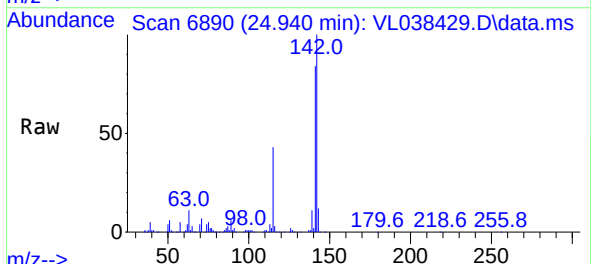
Tgt Ion:128 Resp: 1849698
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 11.2 8.8 13.2

Manual Integrations
APPROVED

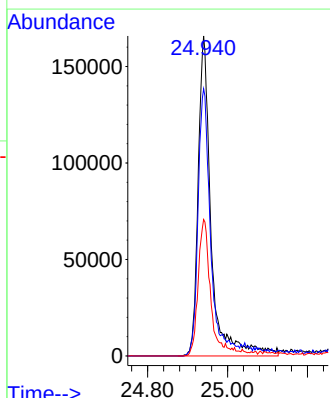
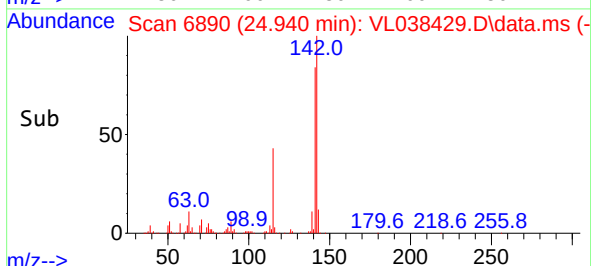
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

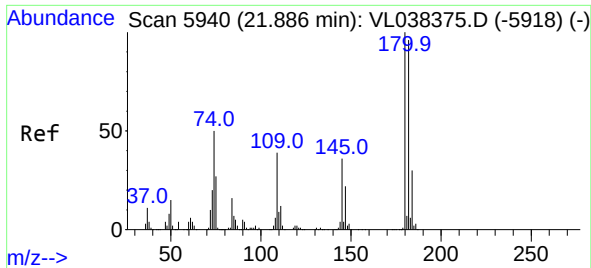


#80
Naphthalene,2-methyl-
Concen: 15.240 ppbv
RT: 24.940 min Scan# 6890
Delta R.T. -0.006 min
Lab File: VL038429.D
Acq: 24 Feb 2022 5:17



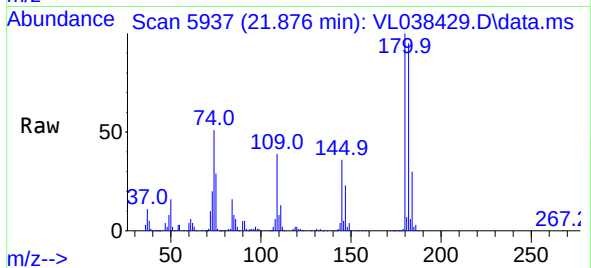
Tgt Ion:142 Resp: 377049
Ion Ratio Lower Upper
142 100
141 79.9 69.8 104.6
115 42.0 33.0 49.6





#81
 1,2,4-Trichlorobenzene
 Concen: 13.418 ppbv
 RT: 21.876 min Scan# 5940
 Delta R.T. -0.010 min
 Lab File: VL038429.D
 Acq: 24 Feb 2022 5:17

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 1027092

Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.4	116.2
184	30.5	24.9	37.3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/24/2022
 Supervised By :Mahesh Dadoda 02/25/2022

