

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022222\
 Data File : VL038403.D
 Acq On : 23 Feb 2022 00:43
 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 02/25/2022
 Supervised By : Mahesh Dadoda 02/25/2022

Quant Time: Feb 23 07:09:27 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 23 07:09:27 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	5.674	49	883381	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.182	114	2188967	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.089	117	2107886m	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.417	95	1702811	9.763	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.060	85	1287616	9.203	ppbv	96
3) Chlorodifluoromethane	2.999	51	1530312	9.810	ppbv	99
4) Chloromethane	3.150	50	532443	9.824	ppbv	99
5) Vinyl Chloride	3.266	62	540956	9.547	ppbv	98
6) Bromomethane	3.485	94	276814	9.262	ppbv	98
7) Chloroethane	3.568	64	186423	10.244	ppbv	93
8) Dichlorotetrafluoroethane	3.198	85	1347809	10.356	ppbv	97
9) Propene	3.022	41	506410	9.832	ppbv	97
10) Heptane	8.128	43	1293273	10.315	ppbv	100
11) Trichlorofluoromethane	3.960	101	1321877	9.868	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.494	101	925779	9.426	ppbv	99
13) Ethanol	3.620	45	42055	8.182	ppbv	98
14) Bromoethene	3.748	108	400706	10.241	ppbv	98
15) Acetone	3.858	43	631866	8.411	ppbv	99
16) 1,3-Butadiene	3.340	39	520674	10.376	ppbv	97
17) tert-Butyl alcohol	4.295	59	729990	9.740	ppbv	100
18) 1,1-Dichloroethene	4.298	96	410636	9.523	ppbv	97
19) Isopropyl Alcohol	3.970	45	410406	9.434	ppbv #	97
20) Methylene Chloride	4.353	84	327525	8.799	ppbv	95
21) Allyl Chloride	4.420	41	590671	9.309	ppbv	97
22) trans-1,2-Dichloroethene	4.893	96	434879	9.996	ppbv	99
23) Vinyl Acetate	5.079	43	958661	9.630	ppbv	99
24) 1,1-Dichloroethane	5.018	63	853993	9.541	ppbv	99
25) Ethyl Acetate	5.684	43	2017909	9.998	ppbv	99
26) Hexane	5.697	57	927555	10.149	ppbv	98
27) Carbon Disulfide	4.559	76	979899	9.638	ppbv	97
28) Methyl tert-Butyl Ether	5.041	73	919644	9.879	ppbv	100
29) Chloroform	5.758	83	1506844	10.101	ppbv	97
30) Cyclohexane	7.137	84	768809	10.285	ppbv	100
31) cis-1,2-Dichloroethene	5.555	61	947956	10.705	ppbv	96
32) 1,1,1-Trichloroethane	6.517	97	1508342	10.054	ppbv	99
34) 2-Butanone	5.250	43	822751	11.951	ppbv	99
35) Carbon Tetrachloride	7.025	117	1523658	9.899	ppbv	98
36) Benzene	6.896	78	1949408	10.116	ppbv	96
37) 1,2-Dichloroethane	6.311	62	1127716	10.127	ppbv	99
38) Trichloroethene	7.838	130	695739	9.912	ppbv	94
39) 1,2-Dichloropropane	7.620	63	760421	9.907	ppbv	99
40) 1,4-Dioxane	7.838	88	76473	4.200	ppbv #	1
41) Tetrahydrofuran	6.060	42	495405	10.650	ppbv	99
42) Bromodichloromethane	7.796	83	1641861	10.211	ppbv	97
43) Methyl Methacrylate	8.018	69	719518	10.741	ppbv	99
44) 2,2,4-Trimethylpentane	7.874	57	3282376	9.910	ppbv	100
45) t-1,3-Dichloropropene	9.282	75	543493	10.151	ppbv	98

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

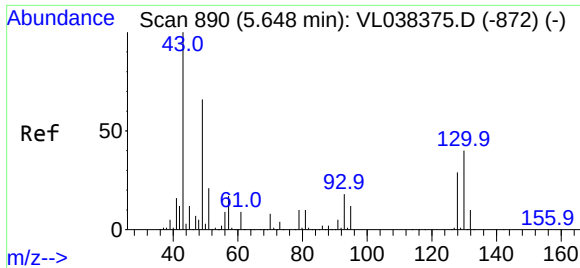
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022

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

Response via : Initial Calibration

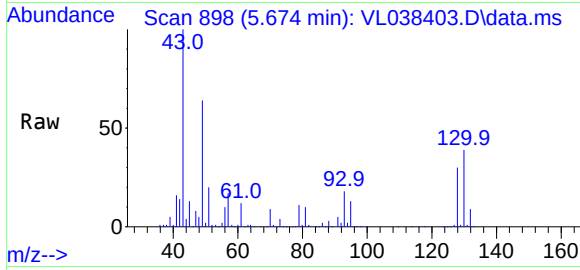
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.706	75	685705	9.772	ppbv	98
47) 1,1,2-Trichloroethane	9.481	97	777546	10.182	ppbv	96
48) Dibromochloromethane	10.307	129	1300278	10.414	ppbv	98
49) Bromoform	13.044	173	983752	10.674	ppbv	99
50) 4-Methyl-2-Pentanone	8.748	43	1310826	10.769	ppbv	98
51) 2-Hexanone	10.144	43	589286	10.814	ppbv #	98
52) Tetrachloroethene	11.230	164	617541	9.653	ppbv	99
53) Toluene	9.809	91	2173157	10.386	ppbv	100
54) 1,2-Dibromoethane	10.616	107	1144235	10.645	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.127	131	863237	9.825	ppbv	97
57) Chlorobenzene	12.153	112	1515491	9.318	ppbv	99
58) Ethyl Benzene	12.713	91	2880310	9.993	ppbv	98
59) m/p-Xylene	12.995	91	4868241m	19.666	ppbv	
60) o-Xylene	13.696	91	2314334	9.890	ppbv	100
61) Styrene	13.532	104	1166938	10.812	ppbv	99
62) Isopropylbenzene	14.671	105	3108354	9.897	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.677	83	1689409	8.886	ppbv	99
64) n-propylbenzene	15.565	120	792578	10.192	ppbv	94
65) tert-Butylbenzene	16.748	119	2737975	10.065	ppbv	100
66) Benzyl Chloride	16.992	91	136403	9.279	ppbv	98
67) sec-Butylbenzene	17.298	105	3896629	10.110	ppbv	100
69) p-Isopropyltoluene	17.654	119	3172915	10.480	ppbv	99
70) n-Butylbenzene	18.548	91	3375813	10.775	ppbv	100
71) 2-Chlorotoluene	15.455	91	2425116	10.041	ppbv	100
72) 4-Ethyltoluene	15.844	105	2693196	10.446	ppbv	100
73) 1,3,5-Trimethylbenzene	15.999	105	2433241	10.392	ppbv	98
74) 1,2,4-Trimethylbenzene	16.767	105	2545679	10.298	ppbv	94
75) 1,3-Dichlorobenzene	16.999	146	1389897	10.038	ppbv	99
76) 1,4-Dichlorobenzene	17.140	146	1331054	9.749	ppbv	98
77) 1,2-Dichlorobenzene	17.818	146	1332990	10.001	ppbv	99
78) Hexachloro-1,3-Butadiene	23.378	225	1001406m	9.852	ppbv	
79) Naphthalene	22.198	128	1830169	13.664	ppbv	99
80) Naphthalene,2-methyl-	24.969	142	345419	13.196	ppbv	98
81) 1,2,4-Trichlorobenzene	21.924	180	1015244	12.536	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.674 min Scan# 89
Delta R.T. 0.026 min
Lab File: VL038403.D
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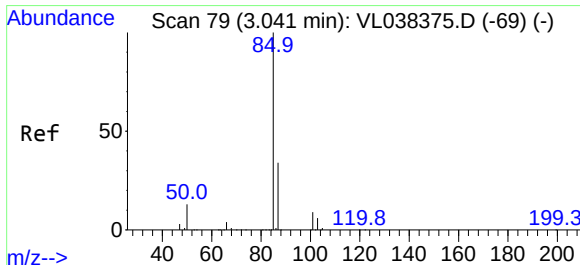
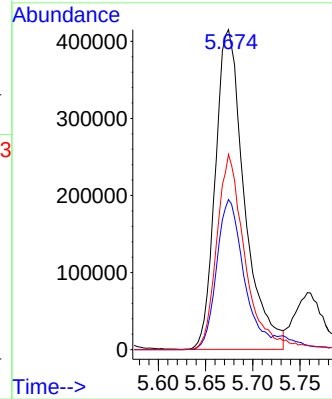
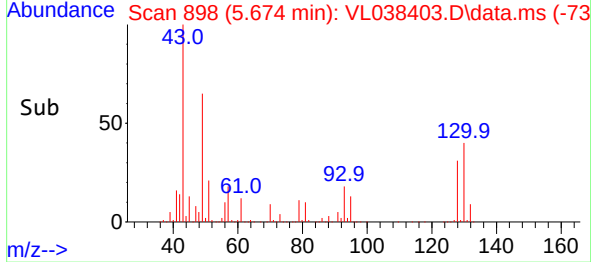
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



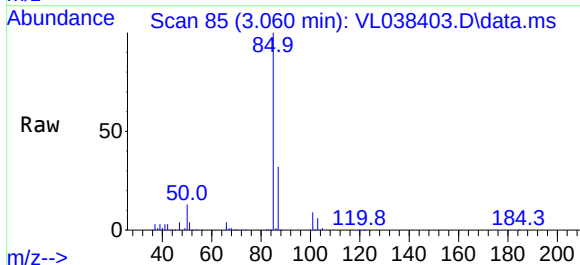
Tgt Ion: 49 Resp: 88338
Ion Ratio Lower Upper
49 100
128 48.9 24.3 72.9
130 61.1 30.1 90.5

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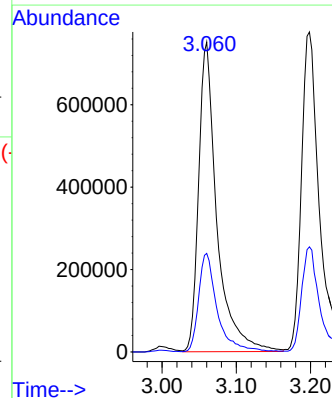
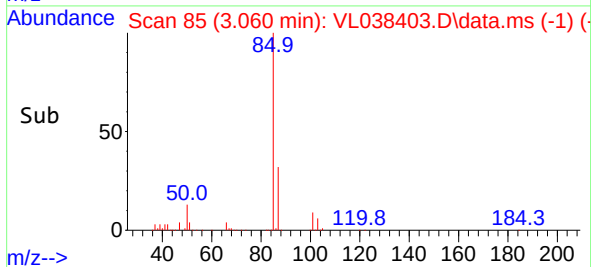
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

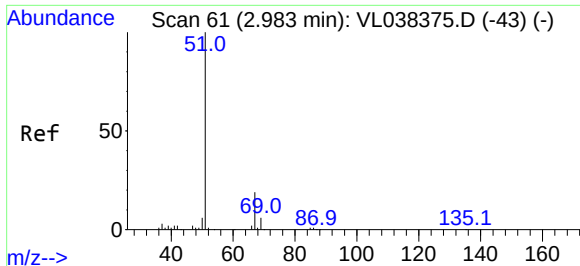


#2
Dichlorodifluoromethane
Concen: 9.203 ppbv
RT: 3.060 min Scan# 85
Delta R.T. 0.019 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43



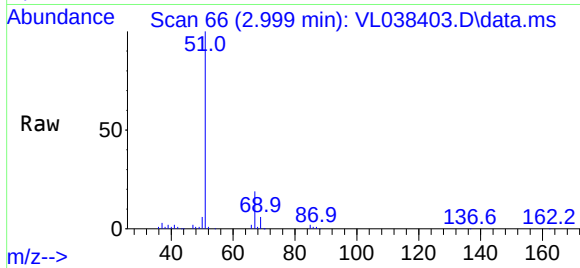
Tgt Ion: 85 Resp: 1287616
Ion Ratio Lower Upper
85 100
87 31.8 27.4 41.0





#3
Chlorodifluoromethane
Concen: 9.810 ppbv
RT: 2.999 min Scan# 60
Delta R.T. 0.016 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

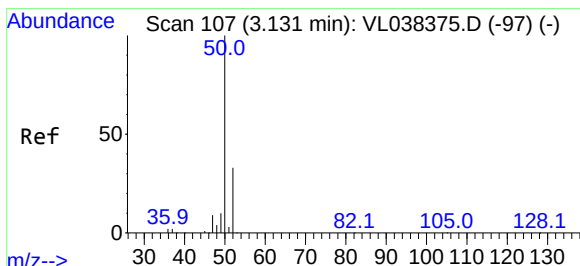
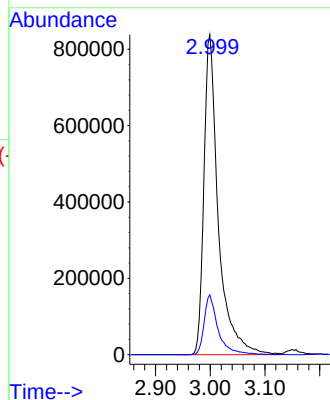
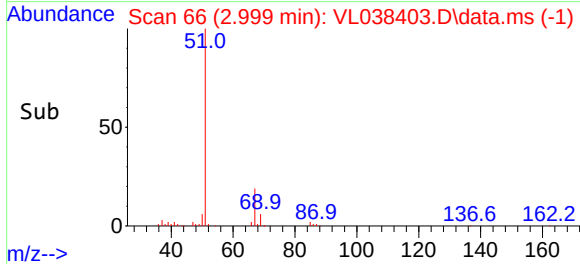
Instrument :
MSVOA_L
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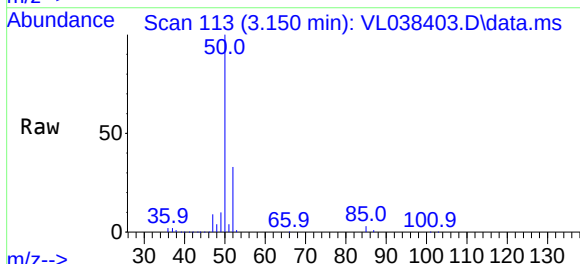
Tgt Ion: 51 Resp: 153031
Ion Ratio Lower Upper
51 100
67 18.2 14.7 22.1

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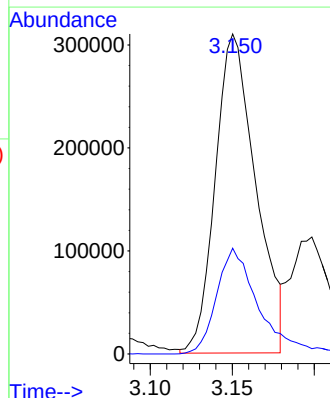
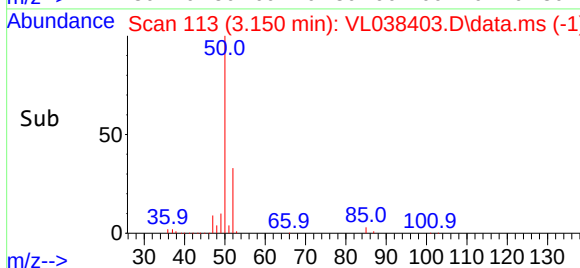
Reviewed By :Semsettin Yesilyurt 02/25/2022
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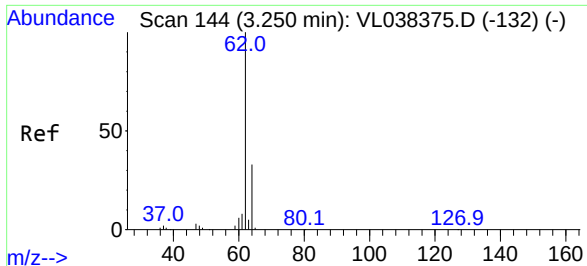


#4
Chloromethane
Concen: 9.824 ppbv
RT: 3.150 min Scan# 113
Delta R.T. 0.020 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43



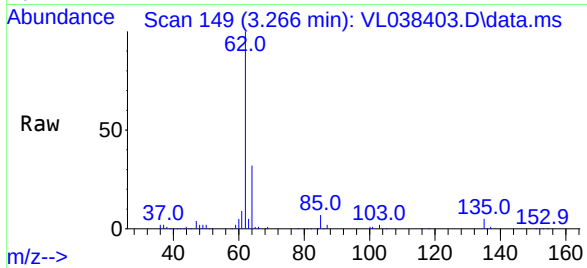
Tgt Ion: 50 Resp: 532443
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7





#5
 Vinyl Chloride
 Concen: 9.547 ppbv
 RT: 3.266 min Scan# 144
 Delta R.T. 0.016 min
 Lab File: VL038403.D
 Acq: 23 Feb 2022 00:43

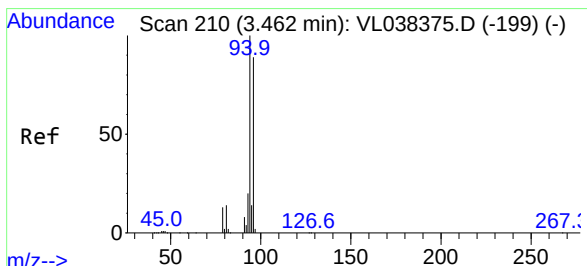
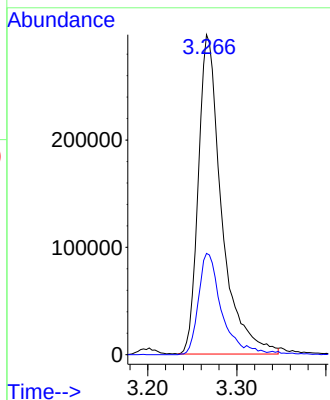
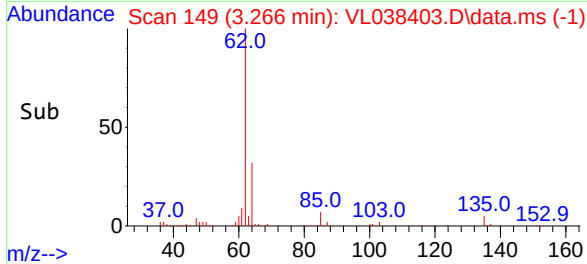
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



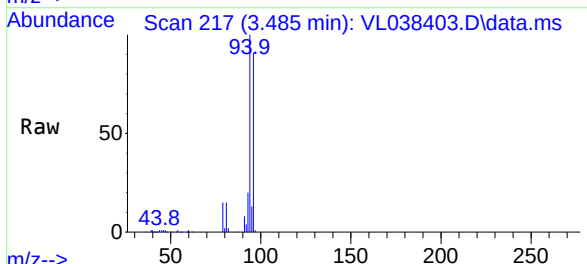
Tgt Ion: 62 Resp: 540950
 Ion Ratio Lower Upper
 62 100
 64 31.7 26.2 39.2

Manual Integrations
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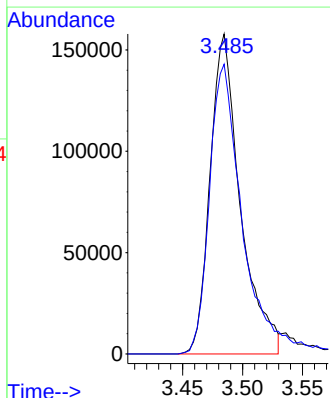
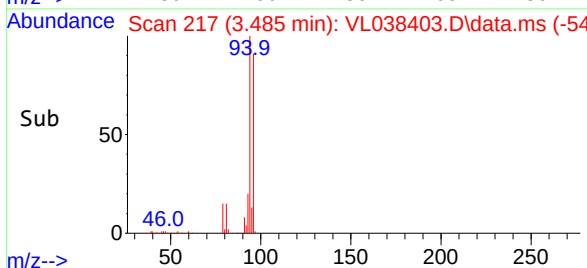
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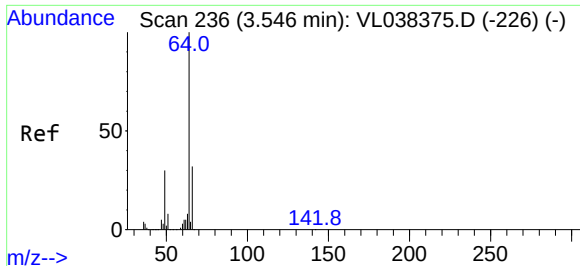


#6
 Bromomethane
 Concen: 9.262 ppbv
 RT: 3.485 min Scan# 217
 Delta R.T. 0.023 min
 Lab File: VL038403.D
 Acq: 23 Feb 2022 00:43



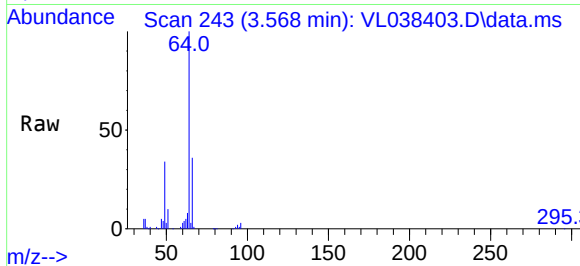
Tgt Ion: 94 Resp: 276814
 Ion Ratio Lower Upper
 94 100
 96 90.6 71.0 106.6





#7
Chloroethane
Concen: 10.244 ppbv
RT: 3.568 min Scan# 243
Delta R.T. 0.023 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

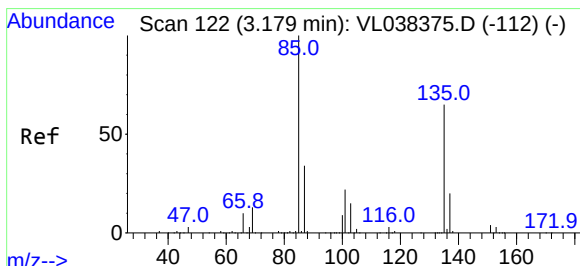
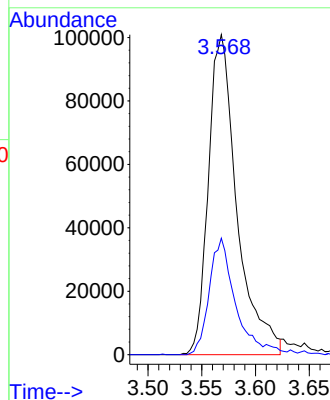
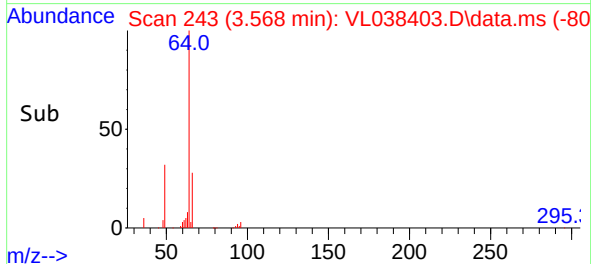
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



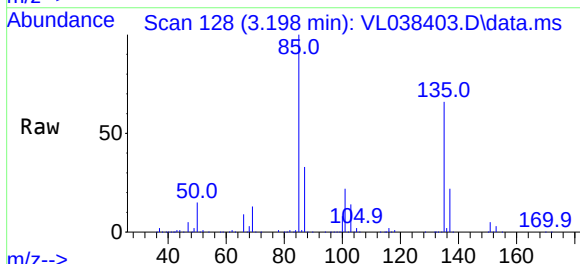
Tgt Ion: 64 Resp: 186423
Ion Ratio Lower Upper
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66 36.4 25.9 38.9

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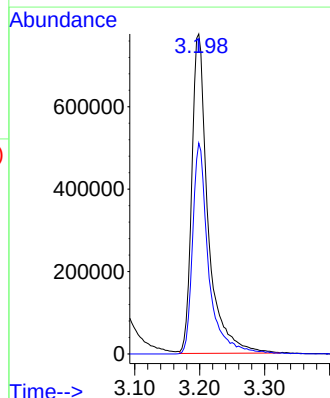
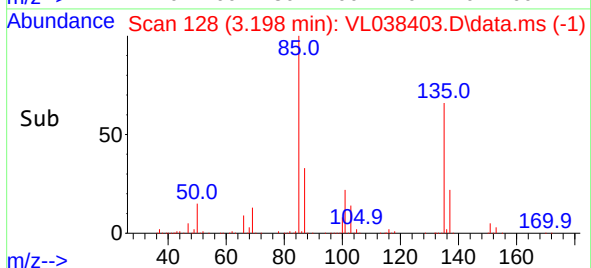
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

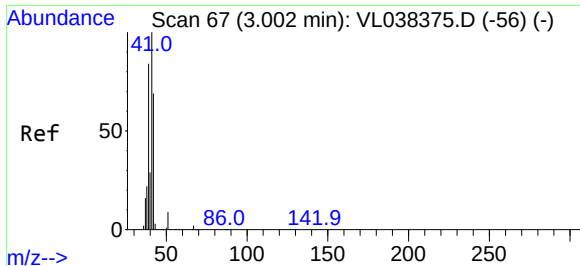


#8
Dichlorotetrafluoroethane
Concen: 10.356 ppbv
RT: 3.198 min Scan# 128
Delta R.T. 0.019 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43



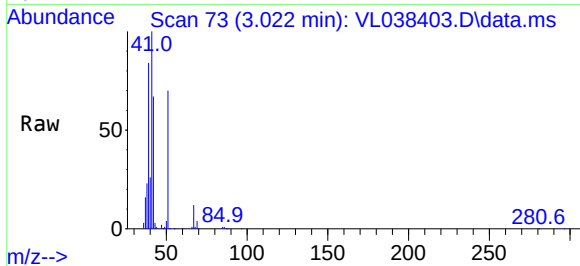
Tgt Ion: 85 Resp: 1347809
Ion Ratio Lower Upper
85 100
135 65.4 54.1 81.1





#9
Propene
Concen: 9.832 ppbv
RT: 3.022 min Scan# 71
Delta R.T. 0.019 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

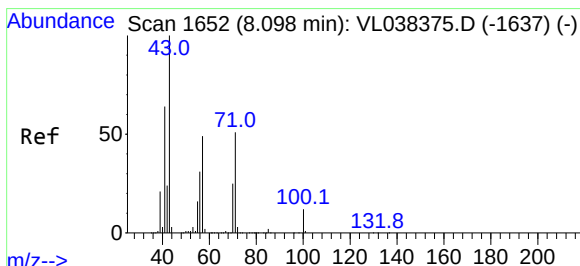
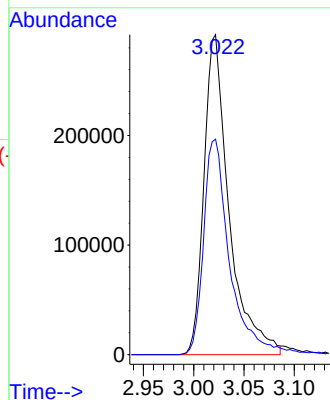
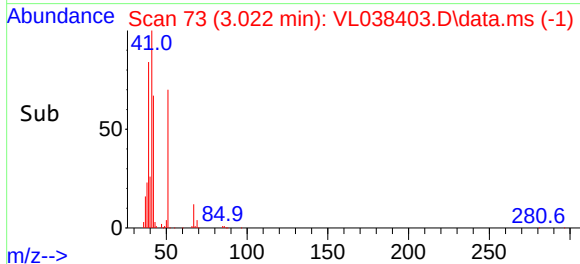
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



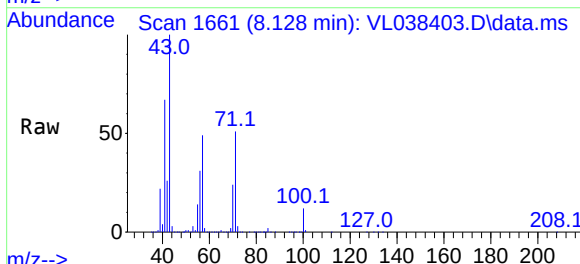
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Ion Ratio Lower Upper
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42 70.8 54.6 82.0

Manual Integrations
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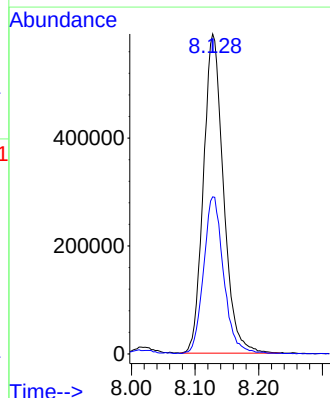
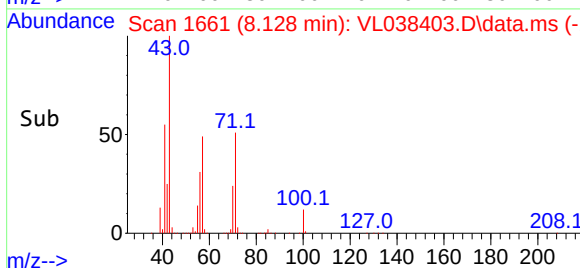
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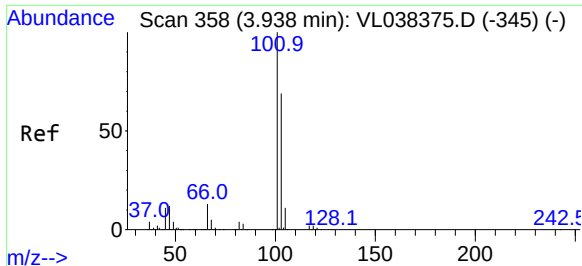


#10
Heptane
Concen: 10.315 ppbv
RT: 8.128 min Scan# 1661
Delta R.T. 0.029 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43



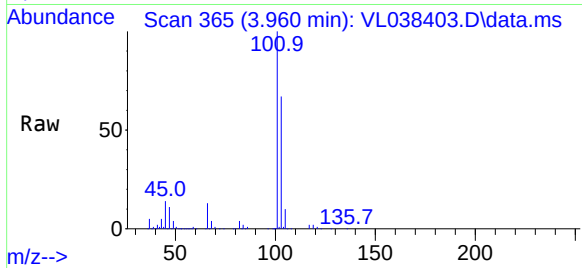
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Ion Ratio Lower Upper
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57 49.6 39.8 59.8





#11
Trichlorofluoromethane
Concen: 9.868 ppbv
RT: 3.960 min Scan# 30
Delta R.T. 0.023 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

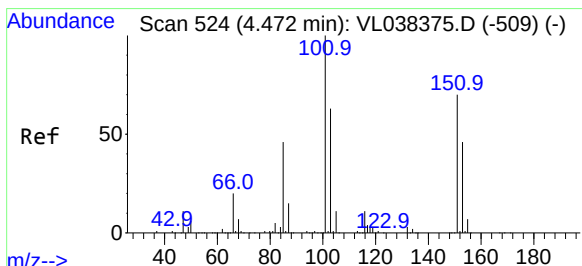
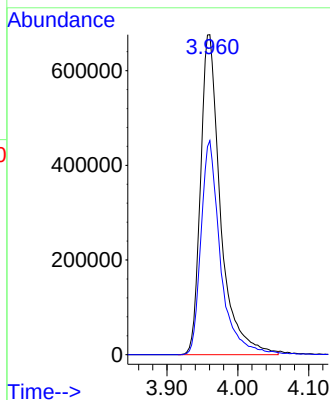
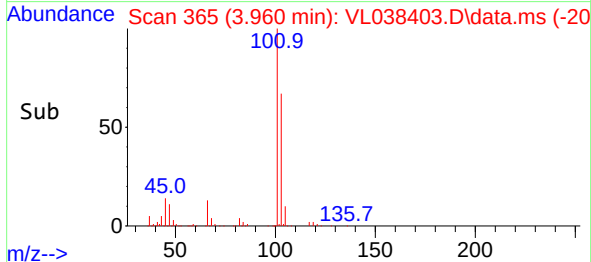
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



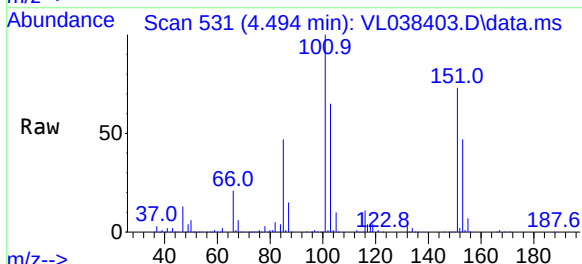
Tgt Ion:101 Resp: 132187
Ion Ratio Lower Upper
101 100
103 66.9 55.0 82.4

Manual Integrations
APPROVED

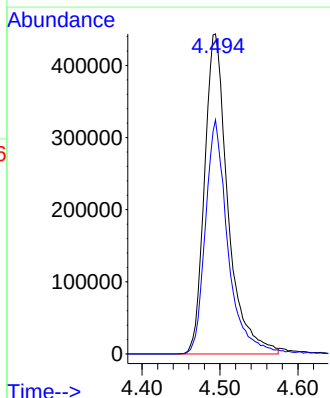
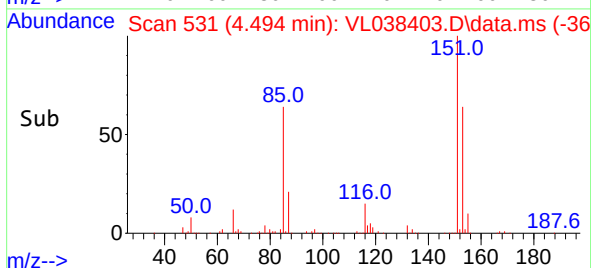
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

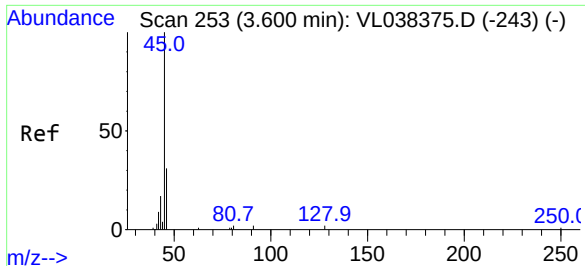


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.426 ppbv
RT: 4.494 min Scan# 531
Delta R.T. 0.023 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43



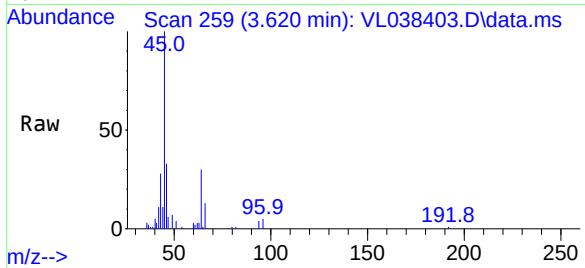
Tgt Ion:101 Resp: 925779
Ion Ratio Lower Upper
101 100
151 70.9 55.9 83.9





#13
Ethanol
Concen: 8.182 ppbv
RT: 3.620 min Scan# 210
Delta R.T. 0.020 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

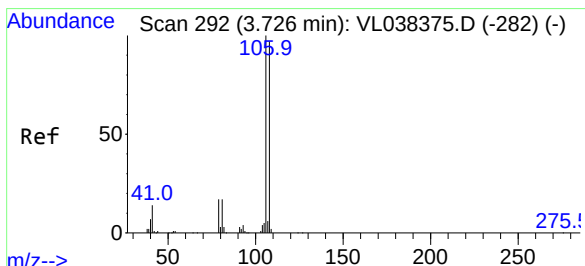
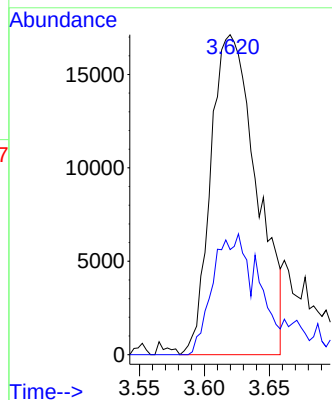
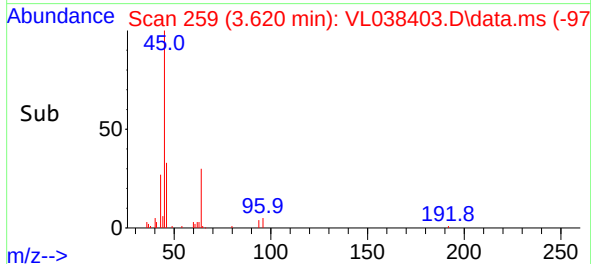
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



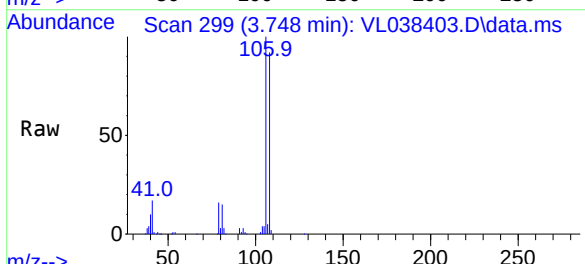
Tgt Ion: 45 Resp: 4205
Ion Ratio Lower Upper
45 100
46 44.3 18.2 72.8

Manual Integrations
APPROVED

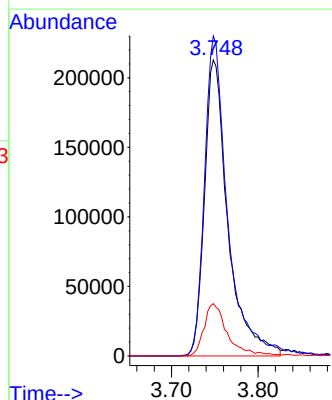
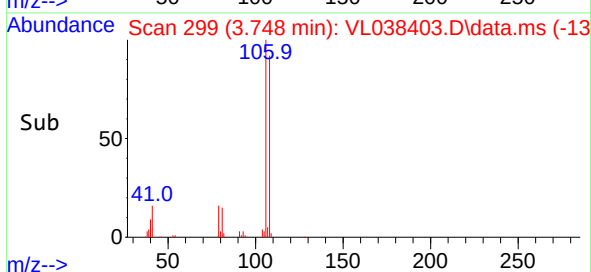
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

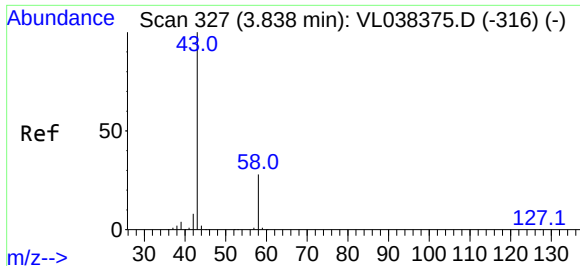


#14
Bromoethene
Concen: 10.241 ppbv
RT: 3.748 min Scan# 299
Delta R.T. 0.023 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43



Tgt Ion:108 Resp: 400706
Ion Ratio Lower Upper
108 100
106 108.3 88.4 132.6
79 18.0 15.0 22.6





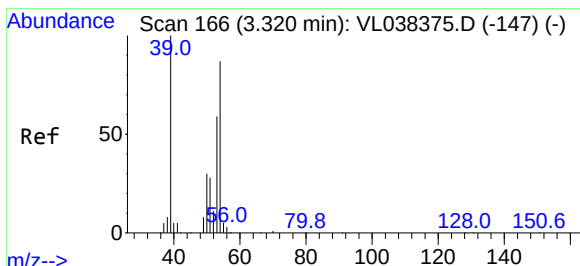
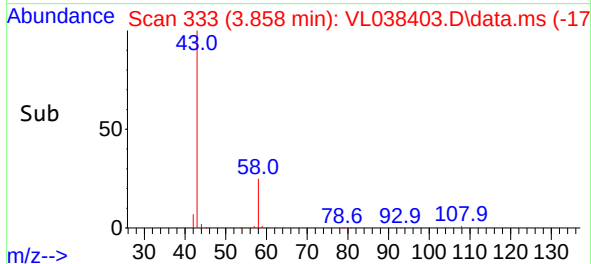
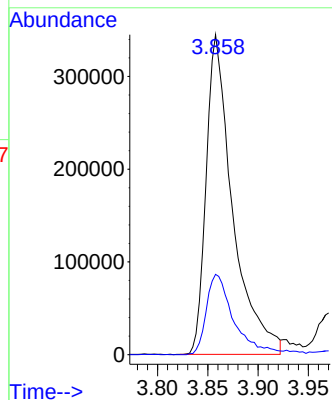
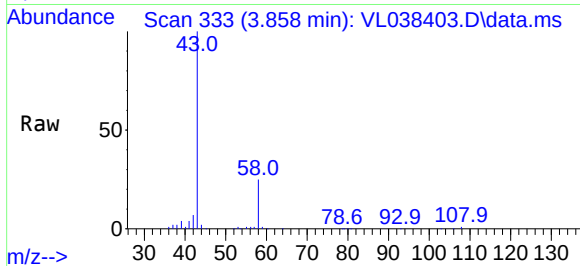
#15
Acetone
Concen: 8.411 ppbv
RT: 3.858 min Scan# 31
Delta R.T. 0.020 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 63186
Ion Ratio Lower Upper
43 100
58 26.5 21.7 32.5

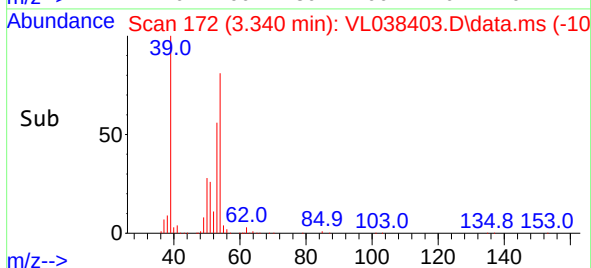
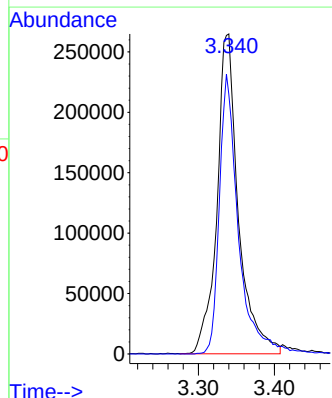
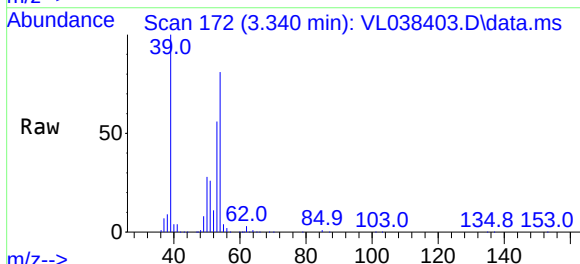
Manual Integrations
APPROVED

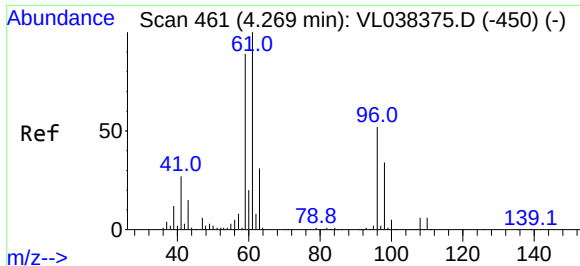
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#16
1,3-Butadiene
Concen: 10.376 ppbv
RT: 3.340 min Scan# 172
Delta R.T. 0.019 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

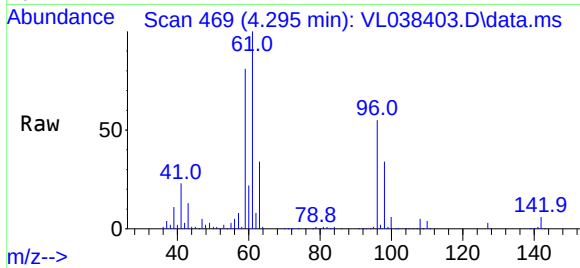
Tgt Ion: 39 Resp: 520674
Ion Ratio Lower Upper
39 100
54 77.9 60.3 90.5





#17
tert-Butyl alcohol
Concen: 9.740 ppbv
RT: 4.295 min Scan# 40
Delta R.T. 0.026 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

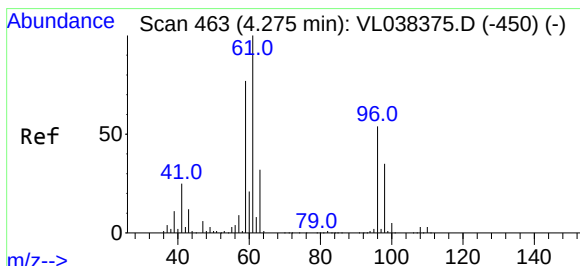
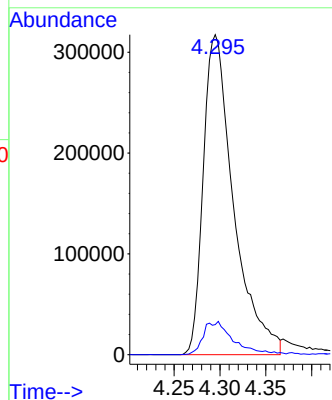
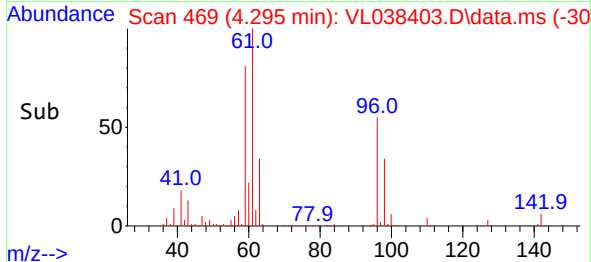
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



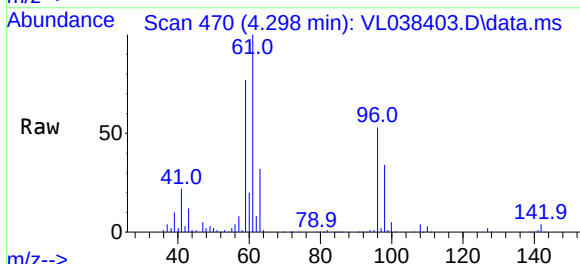
Tgt Ion: 59 Resp: 729990
Ion Ratio Lower Upper
59 100
57 10.6 8.4 12.6

Manual Integrations
APPROVED

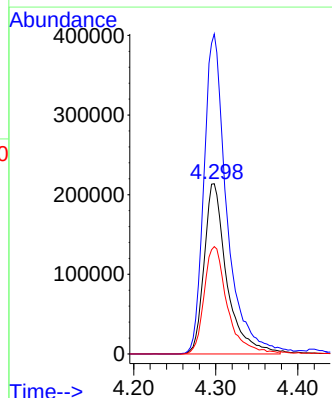
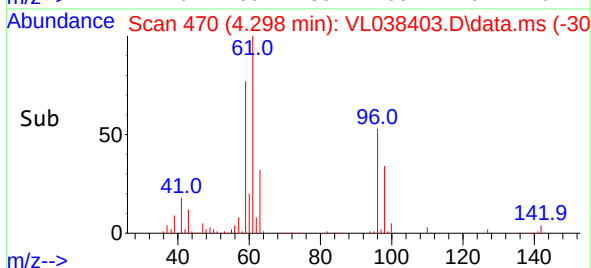
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

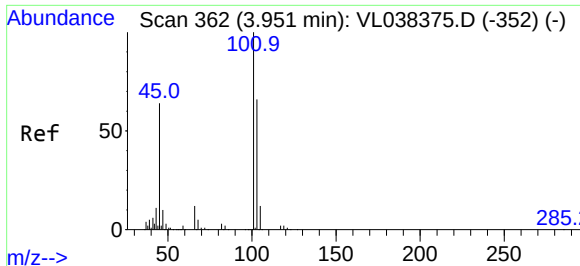


#18
1,1-Dichloroethene
Concen: 9.523 ppbv
RT: 4.298 min Scan# 470
Delta R.T. 0.023 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43



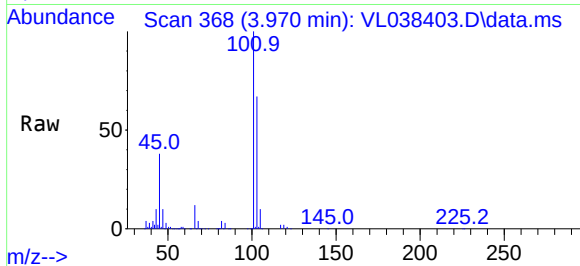
Tgt Ion: 96 Resp: 410636
Ion Ratio Lower Upper
96 100
61 187.8 146.8 220.2
98 63.1 51.5 77.3





#19
Isopropyl Alcohol
Concen: 9.434 ppbv
RT: 3.970 min Scan# 30
Delta R.T. 0.020 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

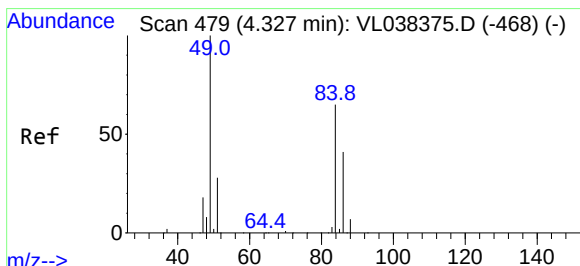
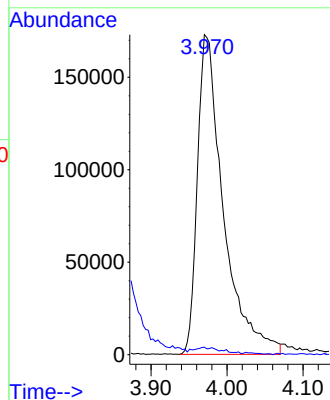
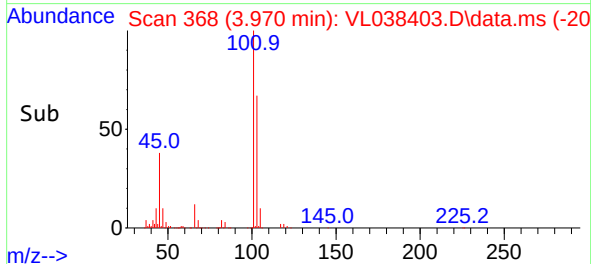
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 45 Resp: 410400
Ion Ratio Lower Upper
45 100
58 3.3 1.8 2.8

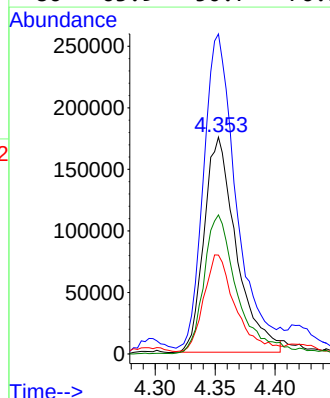
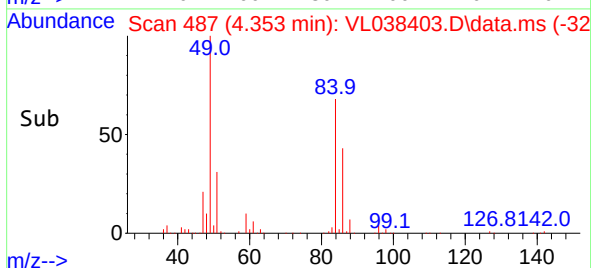
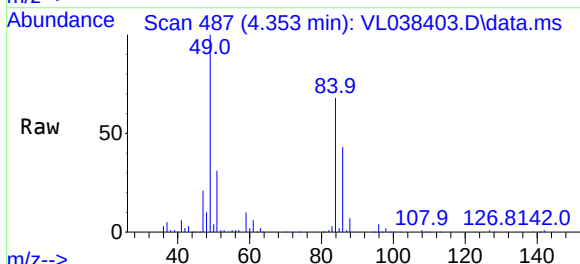
Manual Integrations
APPROVED

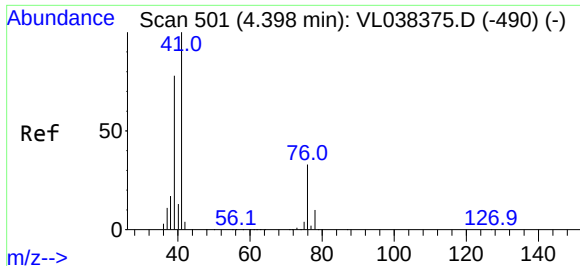
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#20
Methylene Chloride
Concen: 8.799 ppbv
RT: 4.353 min Scan# 487
Delta R.T. 0.026 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

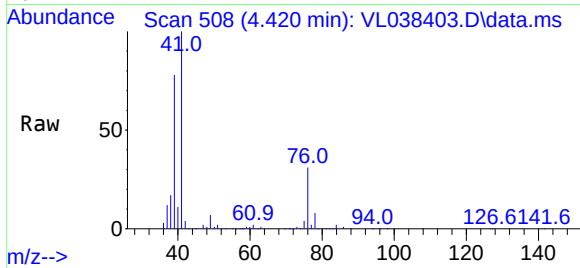
Tgt Ion: 84 Resp: 327525
Ion Ratio Lower Upper
84 100
49 145.0 122.4 183.6
51 44.7 33.3 49.9
86 63.9 50.7 76.1





#21
 Allyl Chloride
 Concen: 9.309 ppbv
 RT: 4.420 min Scan# 501
 Delta R.T. 0.023 min
 Lab File: VL038403.D
 Acq: 23 Feb 2022 00:43

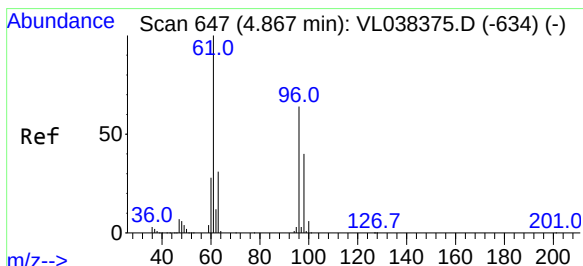
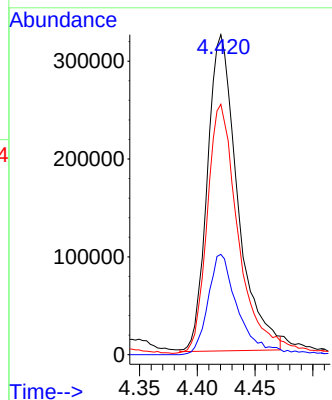
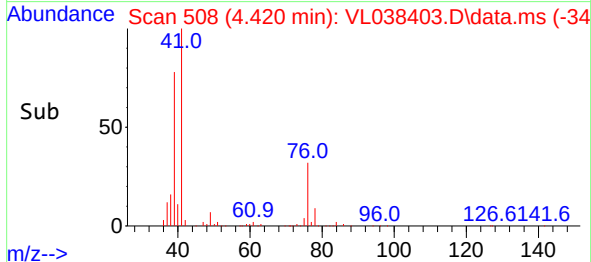
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 590672
 Ion Ratio Lower Upper
 41 100
 76 31.9 25.4 38.0
 39 82.6 63.0 94.6

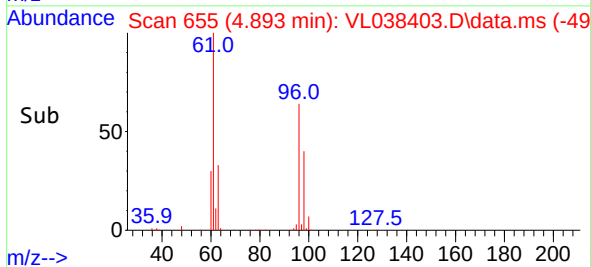
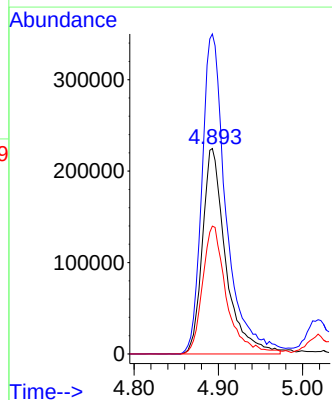
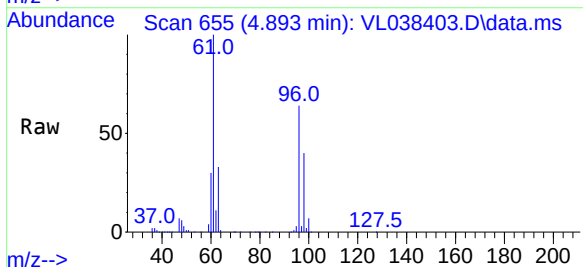
Manual Integrations
 APPROVED

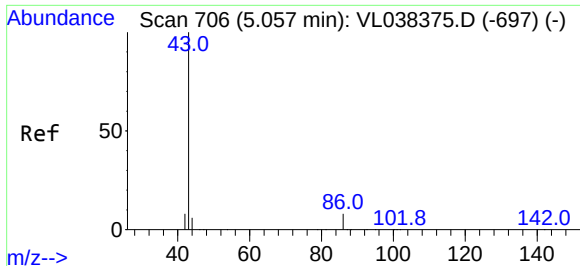
Reviewed By :Semsettin Yesilyurt 02/25/2022
 Supervised By :Mahesh Dadoda 02/25/2022



#22
 trans-1,2-Dichloroethene
 Concen: 9.996 ppbv
 RT: 4.893 min Scan# 655
 Delta R.T. 0.026 min
 Lab File: VL038403.D
 Acq: 23 Feb 2022 00:43

Tgt Ion: 96 Resp: 434879
 Ion Ratio Lower Upper
 96 100
 61 155.8 124.2 186.4
 98 62.2 49.1 73.7





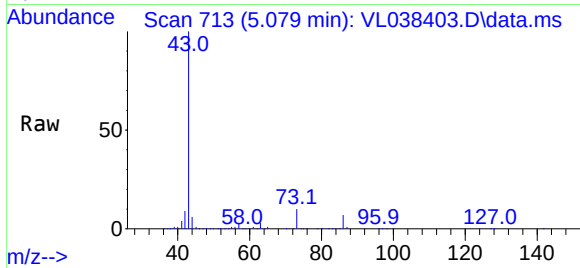
#23
 Vinyl Acetate
 Concen: 9.630 ppbv
 RT: 5.079 min Scan# 713
 Delta R.T. 0.023 min
 Lab File: VL038403.D
 Acq: 23 Feb 2022 00:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

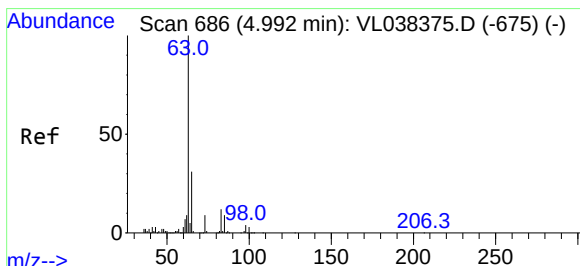
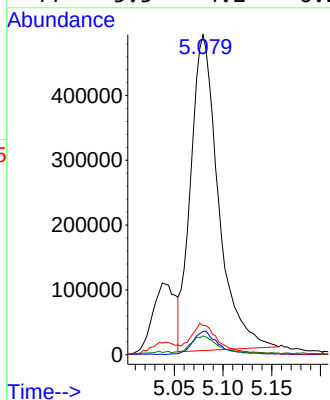
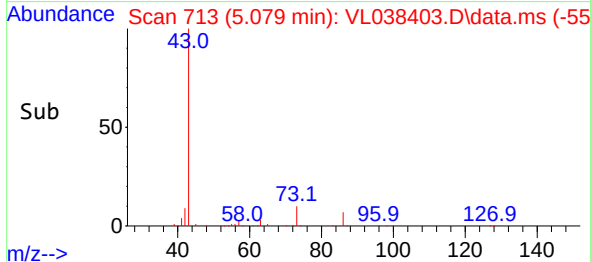


Tgt Ion: 43 Resp: 95866
 Ion Ratio Lower Upper
 43 100
 86 7.1 5.8 8.6
 42 8.9 7.4 11.0
 44 5.5 4.2 6.2

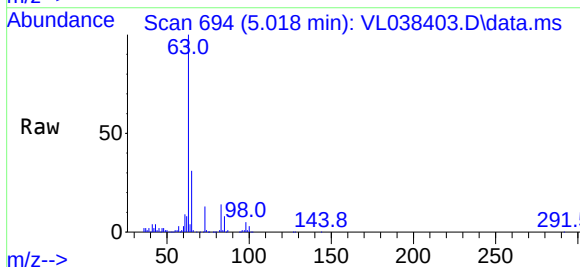
Manual Integrations

APPROVED

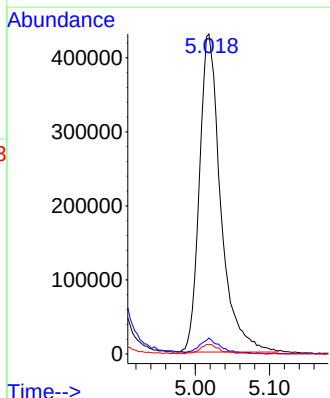
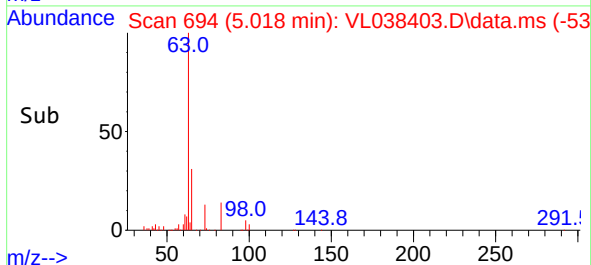
Reviewed By :Semsettin Yesilyurt 02/25/2022
 Supervised By :Mahesh Dadoda 02/25/2022

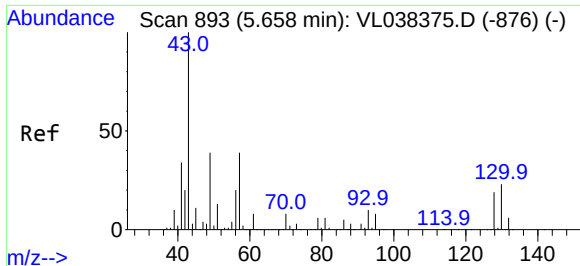


#24
 1,1-Dichloroethane
 Concen: 9.541 ppbv
 RT: 5.018 min Scan# 694
 Delta R.T. 0.026 min
 Lab File: VL038403.D
 Acq: 23 Feb 2022 00:43



Tgt Ion: 63 Resp: 853993
 Ion Ratio Lower Upper
 63 100
 98 4.9 2.1 6.5
 100 2.8 1.4 4.2





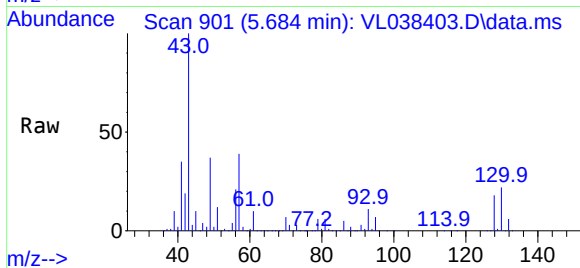
#25
Ethyl Acetate
Concen: 9.998 ppbv
RT: 5.684 min Scan# 901
Delta R.T. 0.026 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



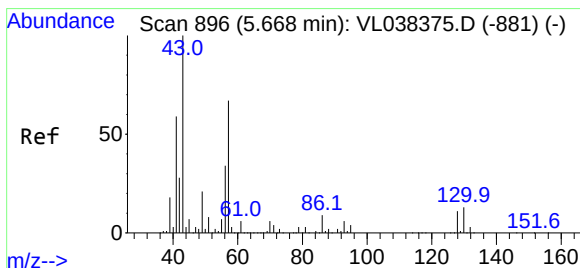
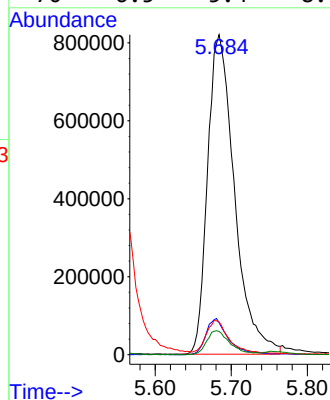
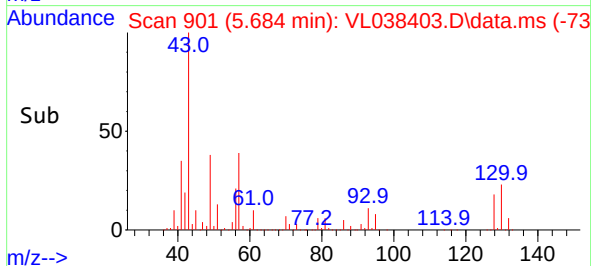
Tgt Ion: 43 Resp: 2017909

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

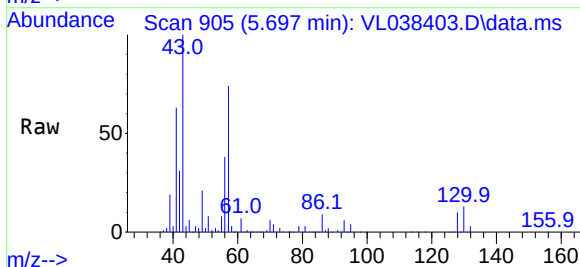
Manual Integrations

APPROVED

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

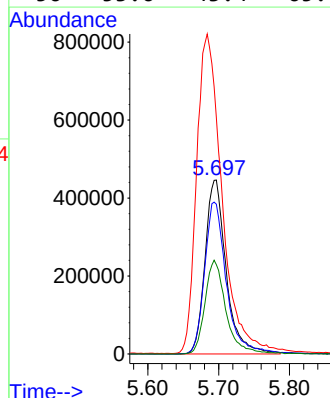
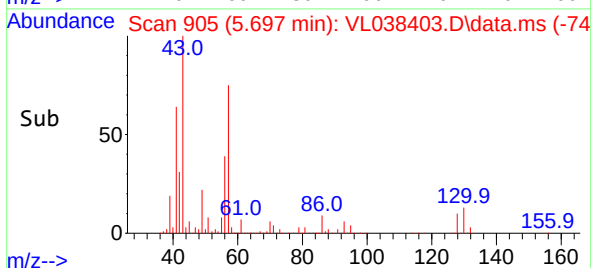


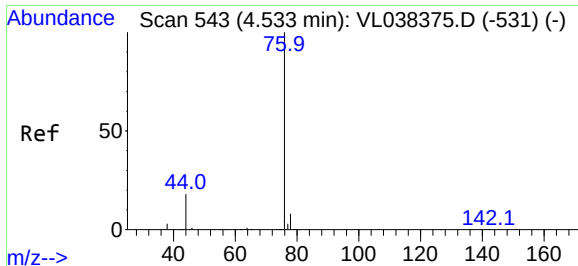
#26
Hexane
Concen: 10.149 ppbv
RT: 5.697 min Scan# 905
Delta R.T. 0.029 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43



Tgt Ion: 57 Resp: 927555

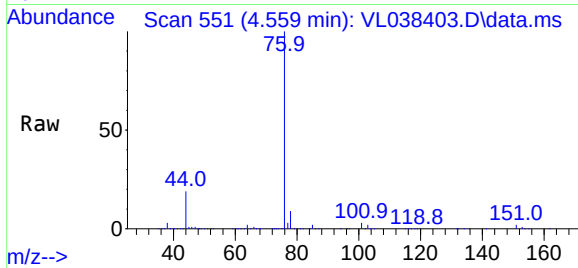
Ion	Ratio	Lower	Upper
57	100		
41	90.8	73.1	109.7
43	222.3	181.0	271.4
56	53.6	43.4	65.0





#27
Carbon Disulfide
Concen: 9.638 ppbv
RT: 4.559 min Scan# 51
Delta R.T. 0.026 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

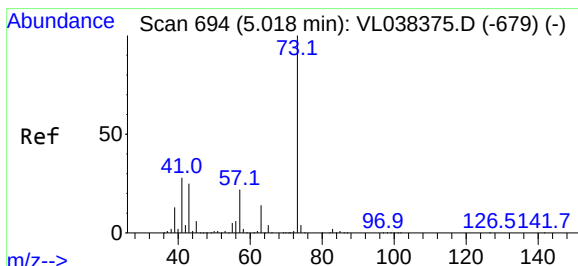
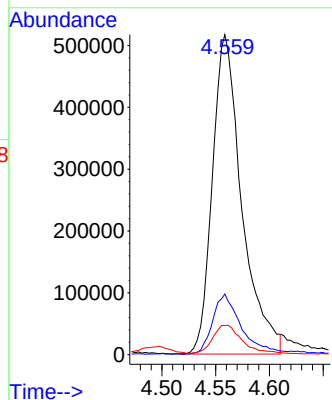
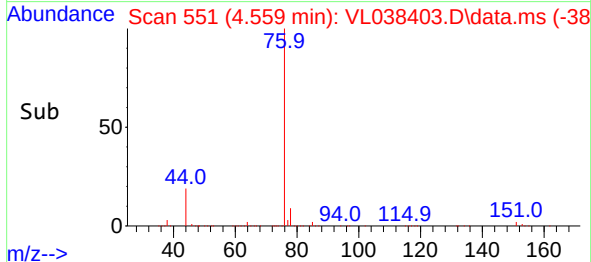
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 97989
Ion Ratio Lower Upper
76 100
44 19.6 14.2 21.2
78 10.3 7.8 11.6

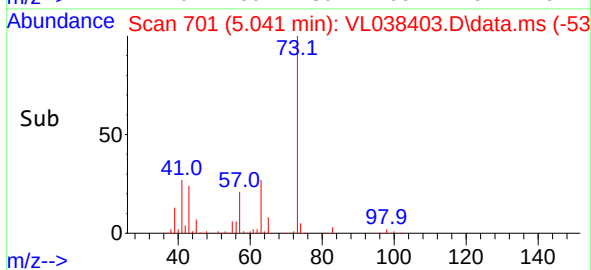
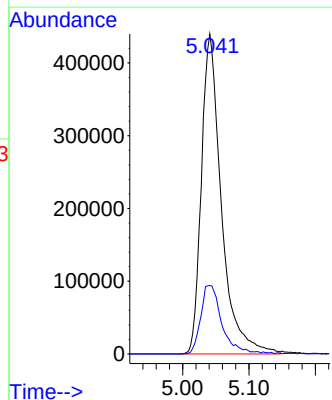
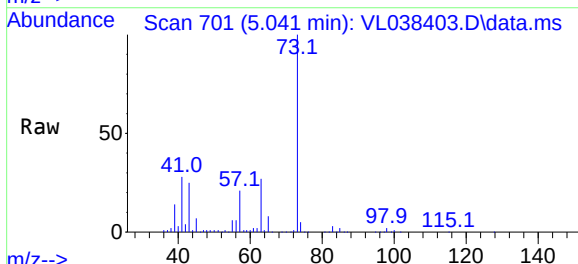
Manual Integrations
APPROVED

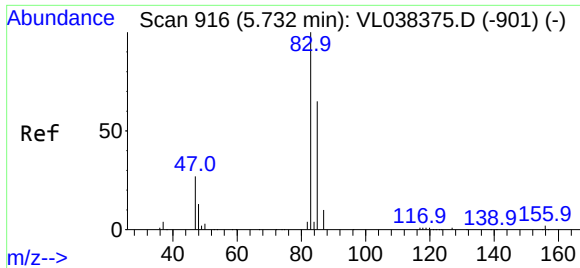
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#28
Methyl tert-Butyl Ether
Concen: 9.879 ppbv
RT: 5.041 min Scan# 701
Delta R.T. 0.023 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

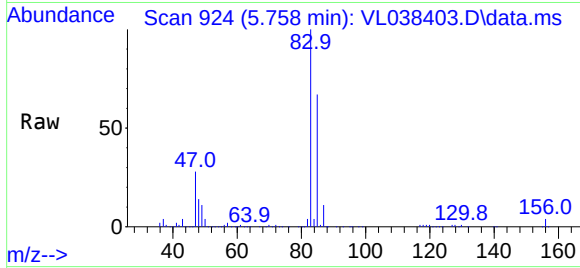
Tgt Ion: 73 Resp: 919644
Ion Ratio Lower Upper
73 100
57 22.9 18.2 27.4





#29
Chloroform
Concen: 10.101 ppbv
RT: 5.758 min Scan# 916
Delta R.T. 0.026 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

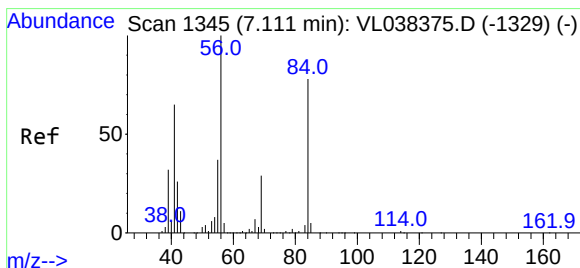
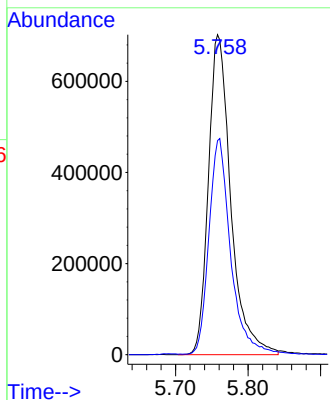
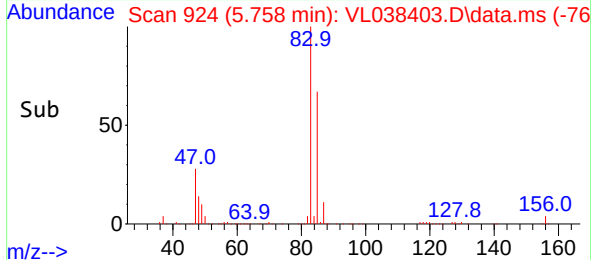
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



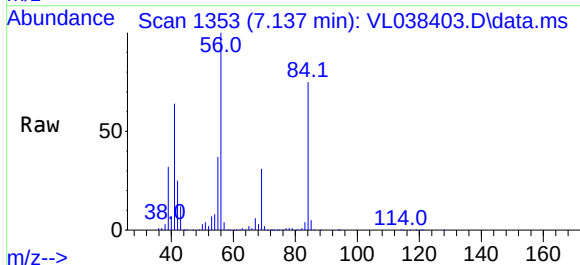
Tgt Ion: 83 Resp: 150684
Ion Ratio Lower Upper
83 100
85 66.7 51.6 77.4

Manual Integrations
APPROVED

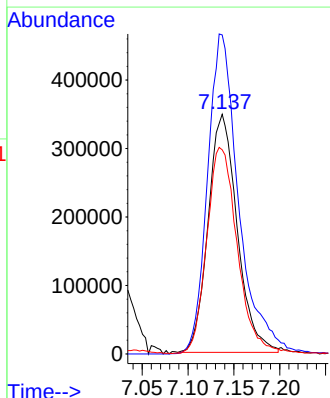
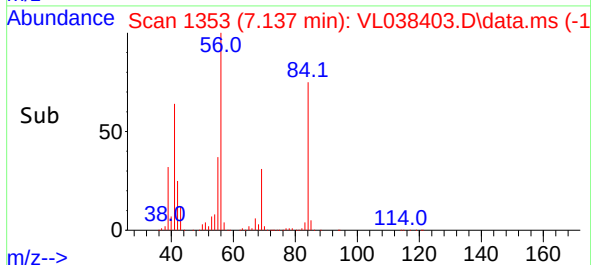
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

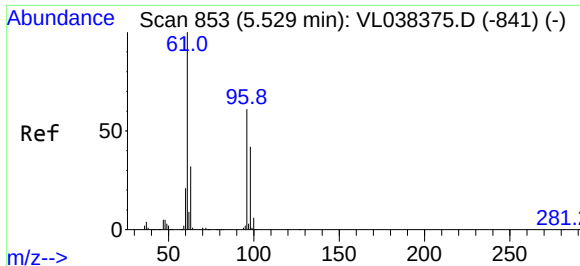


#30
Cyclohexane
Concen: 10.285 ppbv
RT: 7.137 min Scan# 1353
Delta R.T. 0.026 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43



Tgt Ion: 84 Resp: 768809
Ion Ratio Lower Upper
84 100
56 144.9 116.2 174.4
41 92.2 74.3 111.5





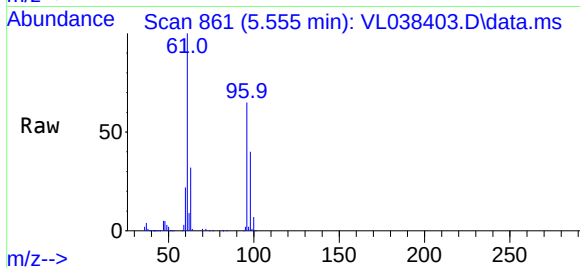
#31
cis-1,2-Dichloroethene
Concen: 10.705 ppbv
RT: 5.555 min Scan# 80
Delta R.T. 0.026 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

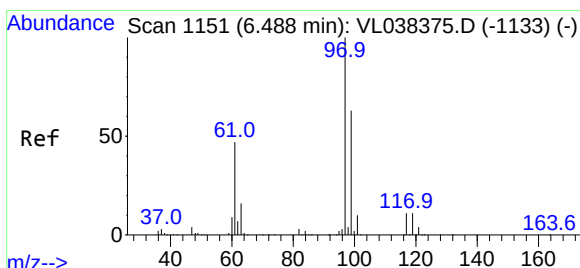
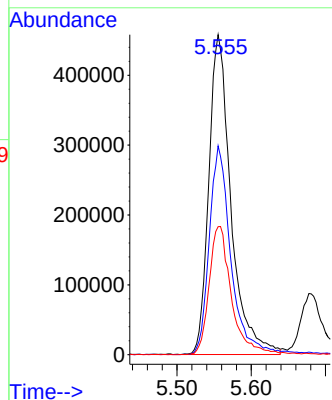
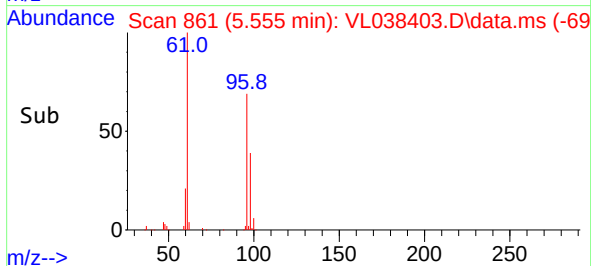


Tgt Ion: 61 Resp: 947950
Ion Ratio Lower Upper
61 100
96 65.3 48.6 73.0
98 40.0 33.2 49.8

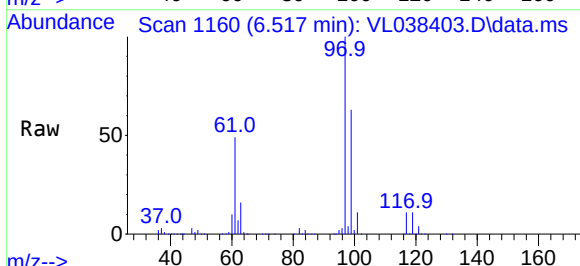
Manual Integrations

APPROVED

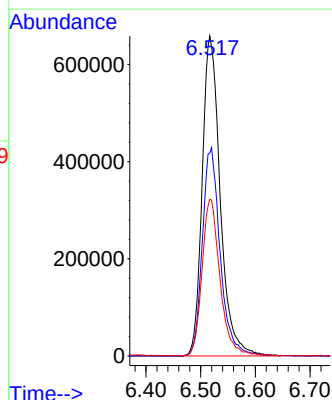
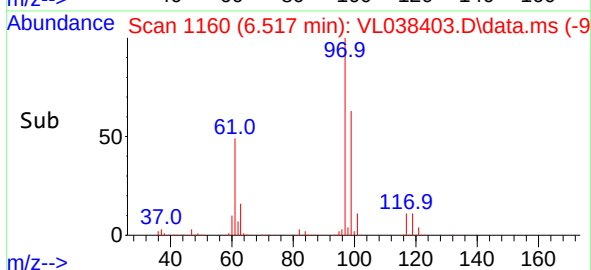
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

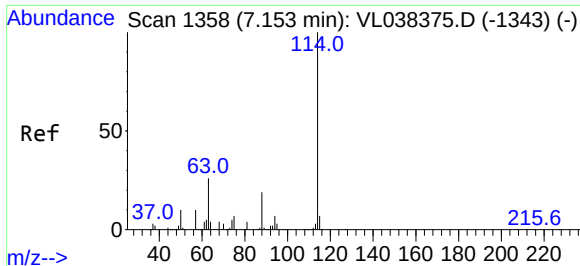


#32
1,1,1-Trichloroethane
Concen: 10.054 ppbv
RT: 6.517 min Scan# 1160
Delta R.T. 0.029 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43



Tgt Ion: 97 Resp: 1508342
Ion Ratio Lower Upper
97 100
99 64.4 51.9 77.9
61 48.8 40.5 60.7





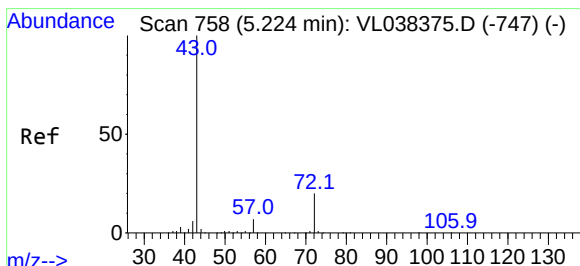
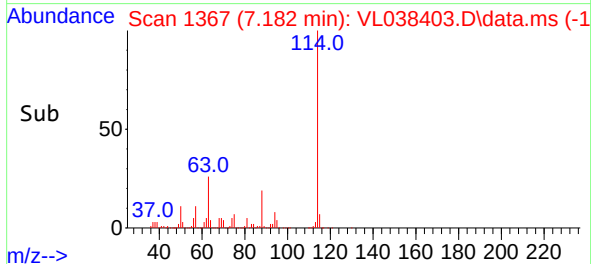
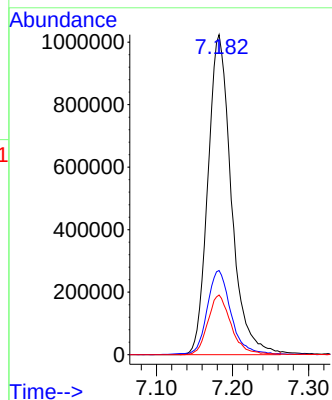
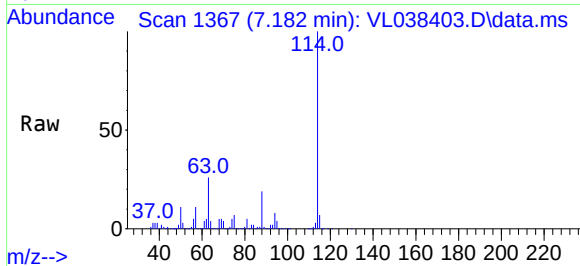
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.182 min Scan# 11
Delta R.T. 0.029 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:114 Resp: 218896
Ion Ratio Lower Upper
114 100
63 26.9 22.2 33.2
88 18.7 15.2 22.8

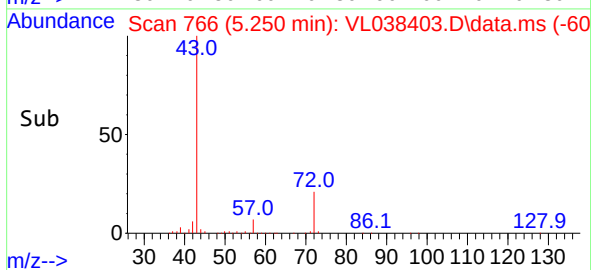
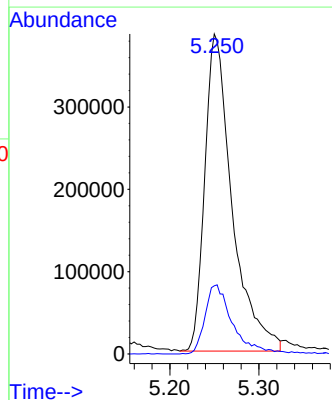
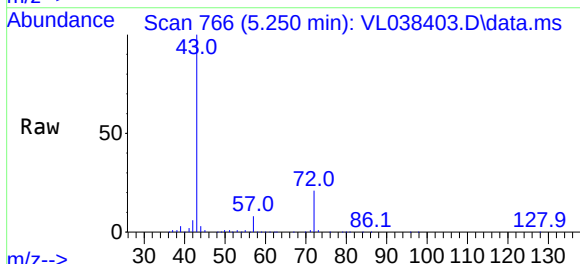
Manual Integrations
APPROVED

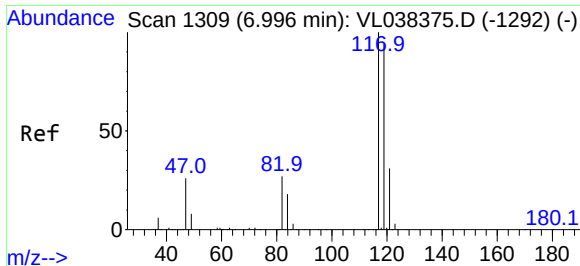
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#34
2-Butanone
Concen: 11.951 ppbv
RT: 5.250 min Scan# 766
Delta R.T. 0.026 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

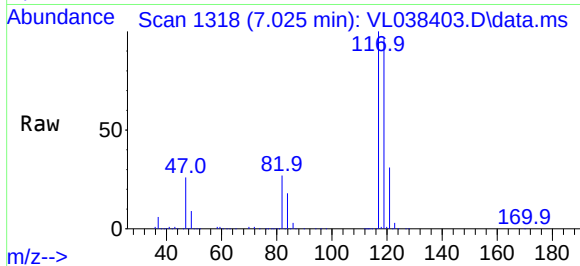
Tgt Ion: 43 Resp: 822751
Ion Ratio Lower Upper
43 100
72 22.3 17.4 26.2





#35
Carbon Tetrachloride
Concen: 9.899 ppbv
RT: 7.025 min Scan# 117
Delta R.T. 0.029 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

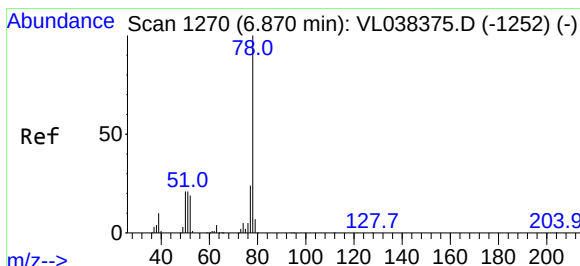
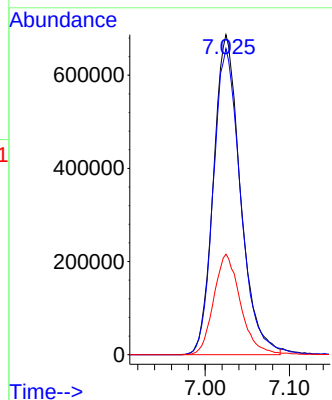
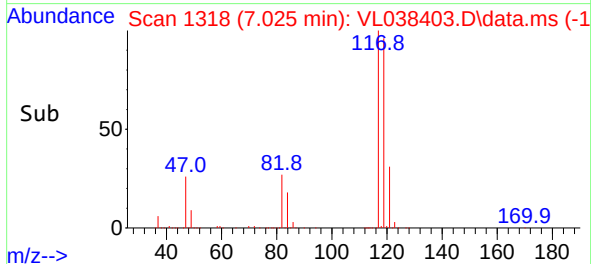
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



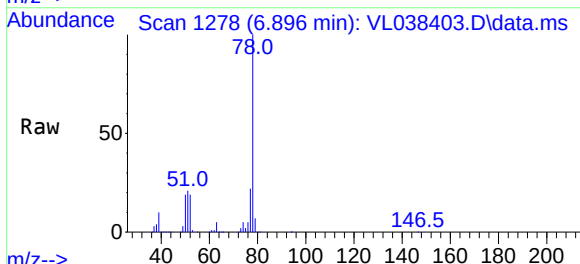
Tgt Ion:117 Resp: 1523658
Ion Ratio Lower Upper
117 100
119 95.6 74.9 112.3
121 31.4 24.8 37.2

Manual Integrations
APPROVED

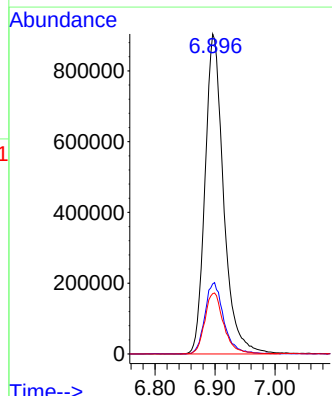
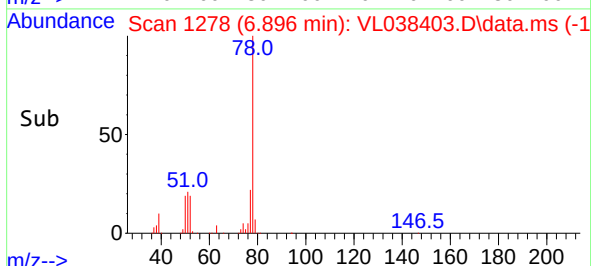
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

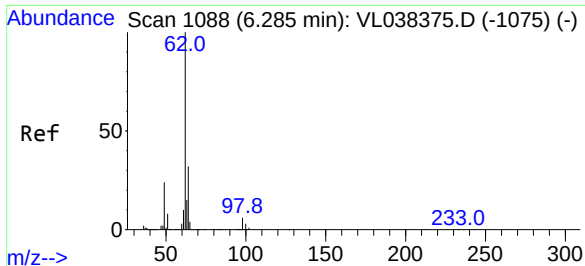


#36
Benzene
Concen: 10.116 ppbv
RT: 6.896 min Scan# 1278
Delta R.T. 0.026 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43



Tgt Ion: 78 Resp: 1949408
Ion Ratio Lower Upper
78 100
77 21.9 19.0 28.6
50 18.8 16.6 24.8





#37
1,2-Dichloroethane
Concen: 10.127 ppbv
RT: 6.311 min Scan# 1096
Delta R.T. 0.026 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

Instrument :

MSVOA_L

ClientSampleId :

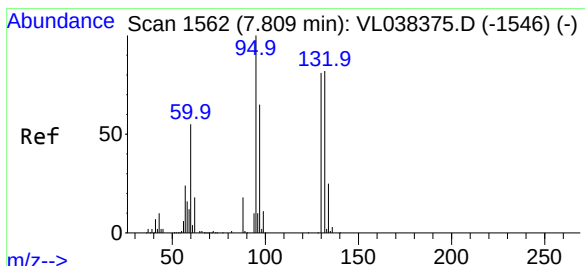
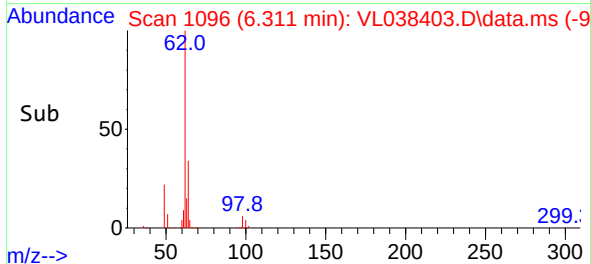
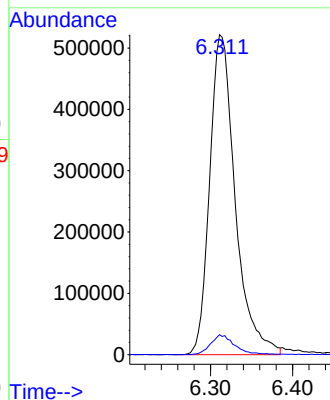
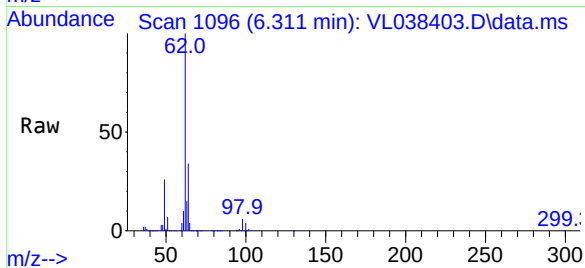
VSTDCCC010EC

Tgt Ion: 62 Resp: 1127710
Ion Ratio Lower Upper
62 100
98 6.0 4.6 7.0

Manual Integrations

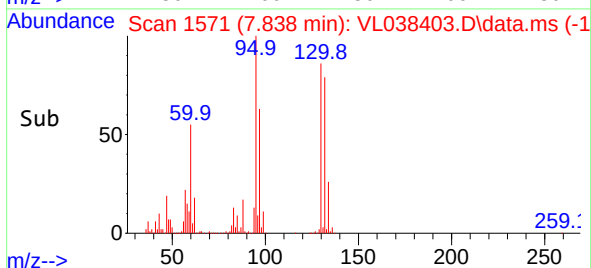
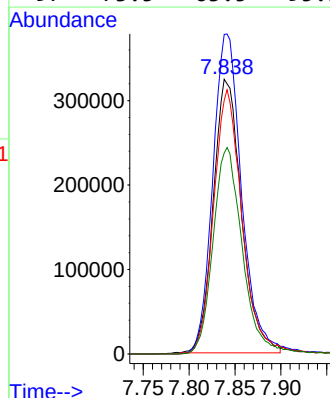
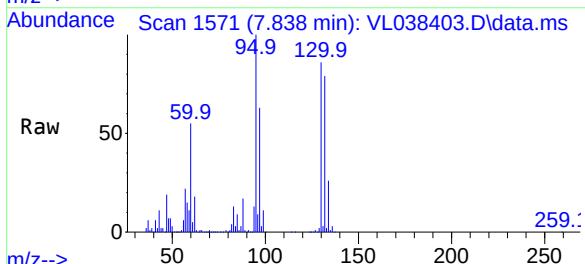
APPROVED

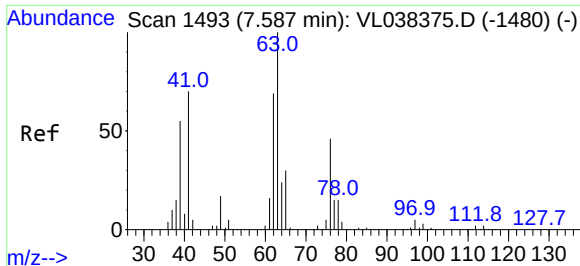
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#38
Trichloroethene
Concen: 9.912 ppbv
RT: 7.838 min Scan# 1571
Delta R.T. 0.029 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

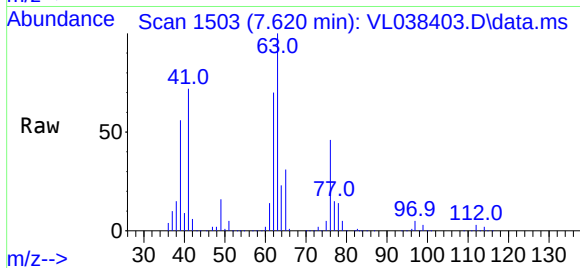
Tgt Ion:130 Resp: 695739
Ion Ratio Lower Upper
130 100
95 116.7 98.1 147.1
132 92.6 80.3 120.5
97 73.5 63.5 95.3





#39
1,2-Dichloropropane
Concen: 9.907 ppbv
RT: 7.620 min Scan# 1571
Delta R.T. 0.032 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

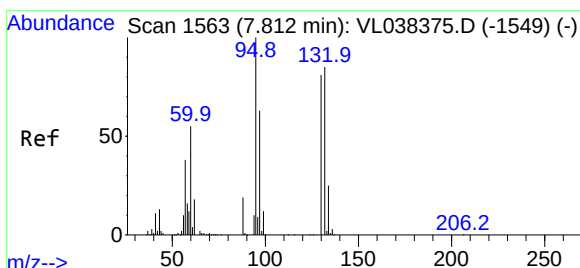
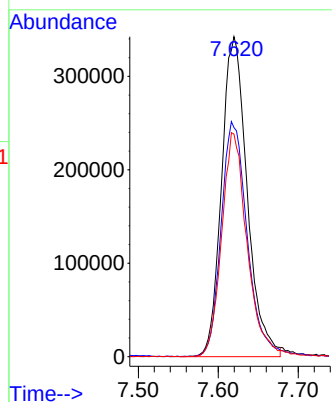
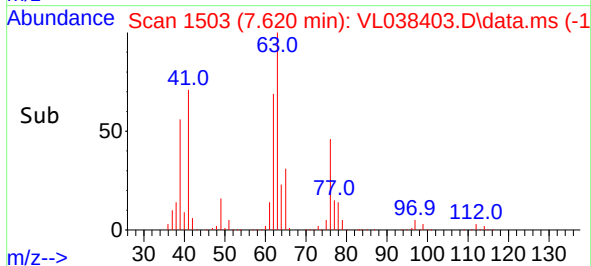
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



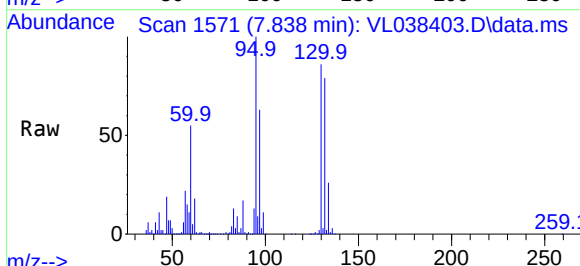
Tgt Ion: 63 Resp: 76042
Ion Ratio Lower Upper
63 100
41 71.5 56.1 84.1
62 69.5 55.5 83.3

Manual Integrations
APPROVED

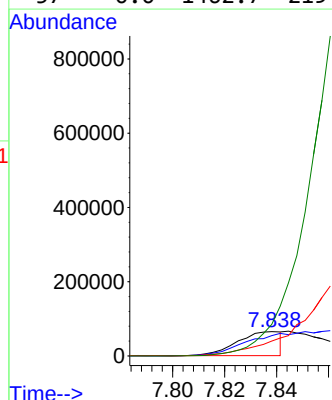
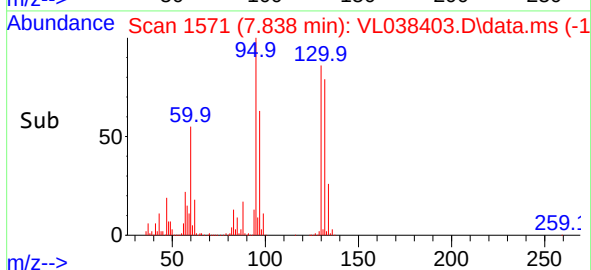
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

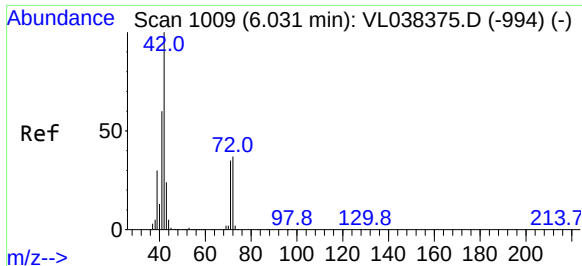


#40
1,4-Dioxane
Concen: 4.200 ppbv
RT: 7.838 min Scan# 1571
Delta R.T. 0.026 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43



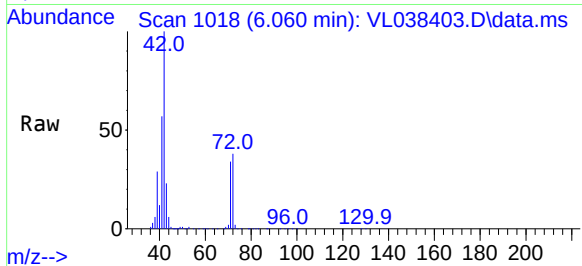
Tgt Ion: 88 Resp: 76473
Ion Ratio Lower Upper
88 100
58 0.0 133.2 199.8#
43 0.0 330.6 496.0#
57 0.0 1462.7 2194.1#





#41
Tetrahydrofuran
Concen: 10.650 ppbv
RT: 6.060 min Scan# 10
Delta R.T. 0.029 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

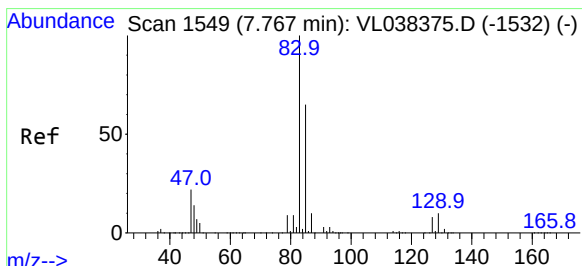
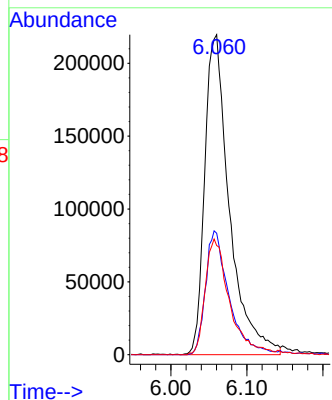
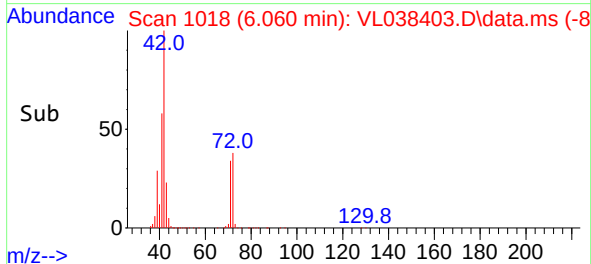
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 49540
Ion Ratio Lower Upper
42 100
72 37.9 29.9 44.9
71 36.3 28.6 42.8

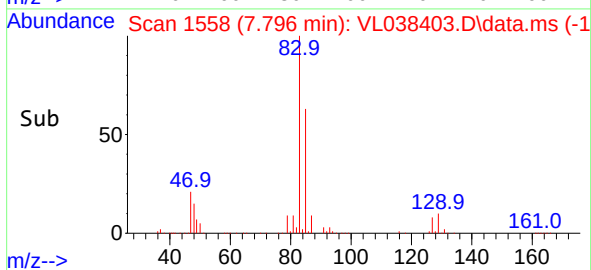
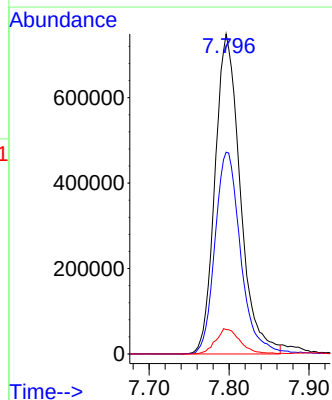
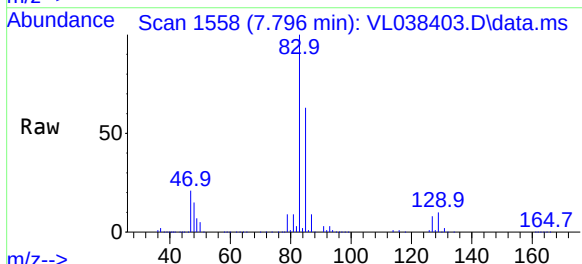
Manual Integrations
APPROVED

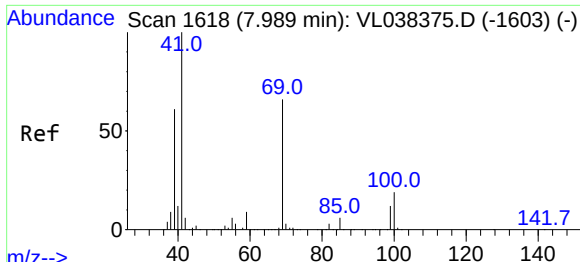
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#42
Bromodichloromethane
Concen: 10.211 ppbv
RT: 7.796 min Scan# 1558
Delta R.T. 0.029 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

Tgt Ion: 83 Resp: 1641861
Ion Ratio Lower Upper
83 100
85 63.1 52.2 78.4
127 7.6 6.2 9.4





#43
Methyl Methacrylate
Concen: 10.741 ppbv
RT: 8.018 min Scan# 1627
Delta R.T. 0.029 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

Instrument :

MSVOA_L

ClientSampleId :

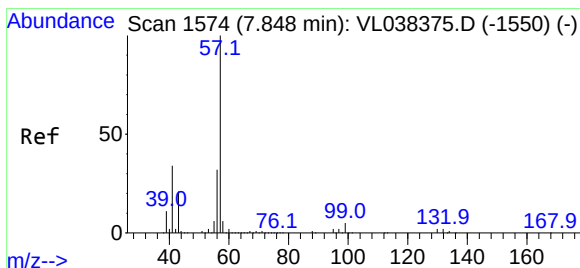
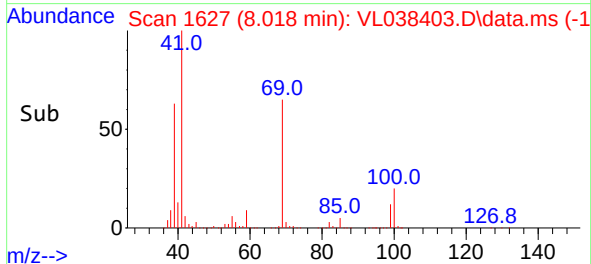
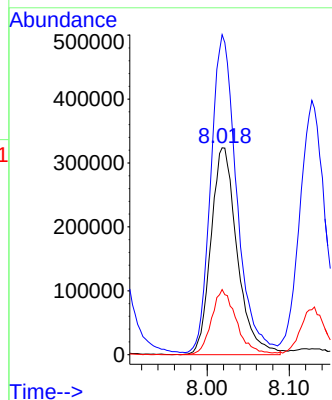
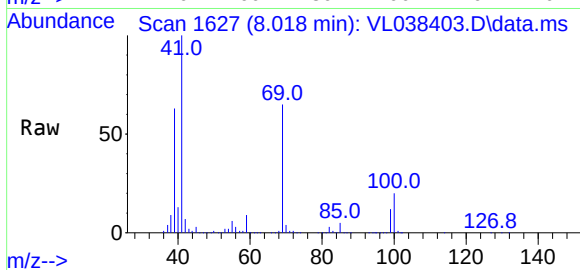
VSTDCCC010EC

Tgt Ion: 69 Resp: 719518
Ion Ratio Lower Upper
69 100
41 152.4 122.9 184.3
100 29.9 23.6 35.4

Manual Integrations

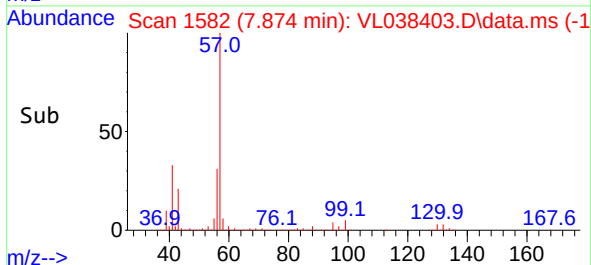
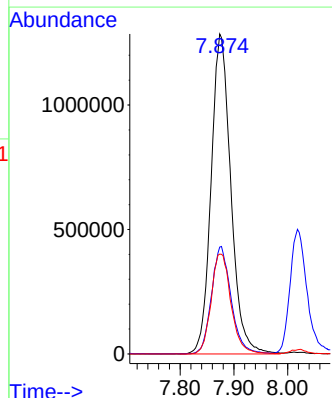
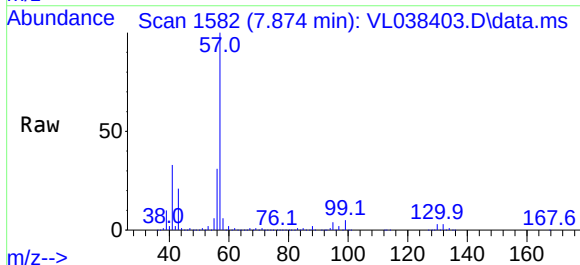
APPROVED

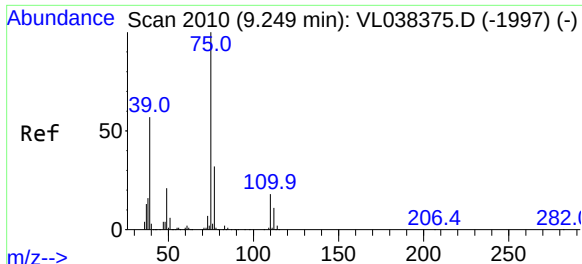
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#44
2,2,4-Trimethylpentane
Concen: 9.910 ppbv
RT: 7.874 min Scan# 1582
Delta R.T. 0.026 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

Tgt Ion: 57 Resp: 3282376
Ion Ratio Lower Upper
57 100
41 33.3 26.6 39.8
56 31.5 25.0 37.6





#45
t-1,3-Dichloropropene
Concen: 10.151 ppbv
RT: 9.282 min Scan# 2010
Delta R.T. 0.032 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

Instrument :

MSVOA_L

ClientSampleId :

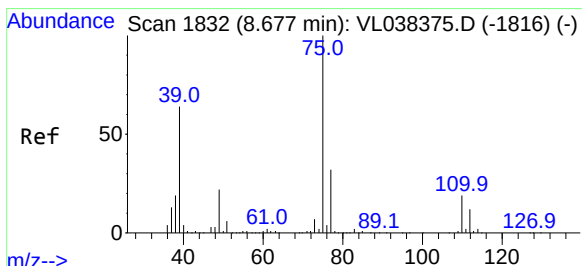
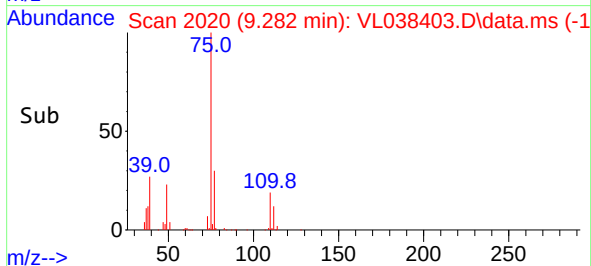
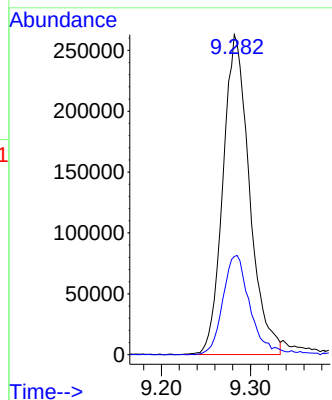
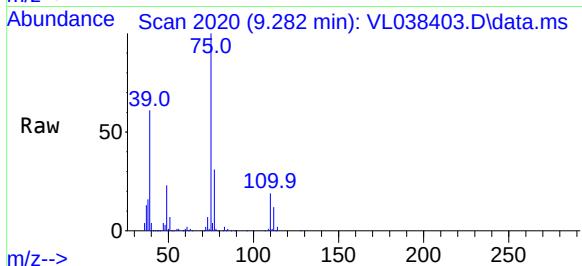
VSTDCCC010EC

Tgt Ion: 75 Resp: 54349
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0

Manual Integrations

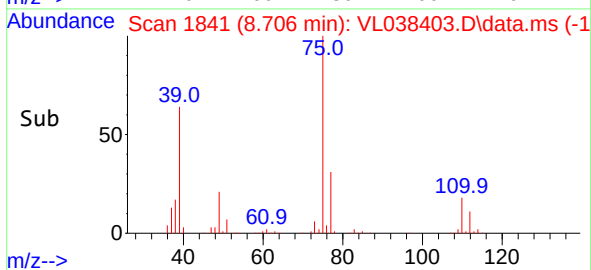
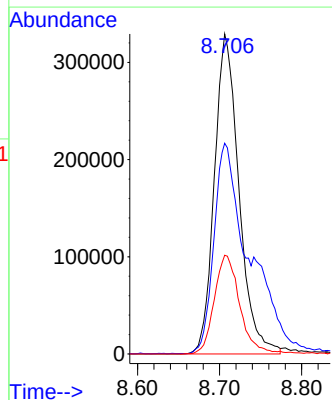
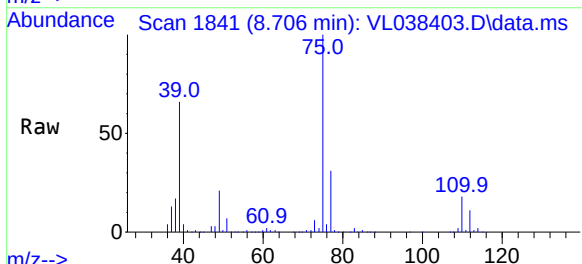
APPROVED

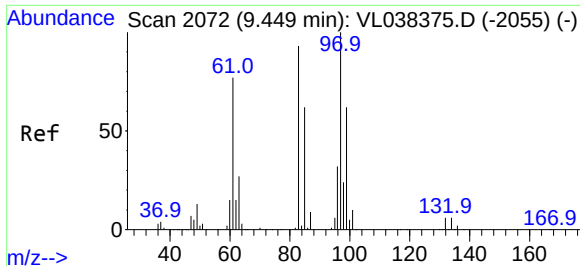
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#46
cis-1,3-Dichloropropene
Concen: 9.772 ppbv
RT: 8.706 min Scan# 1841
Delta R.T. 0.029 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

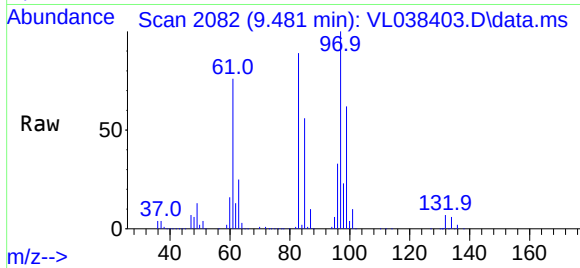
Tgt Ion: 75 Resp: 685705
Ion Ratio Lower Upper
75 100
39 65.5 51.4 77.2
77 30.9 25.4 38.2





#47
1,1,2-Trichloroethane
Concen: 10.182 ppbv
RT: 9.481 min Scan# 2072
Delta R.T. 0.032 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

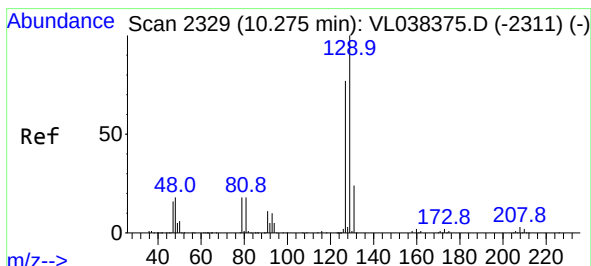
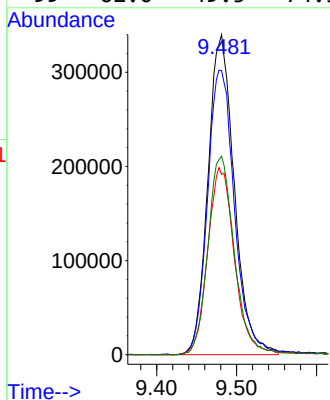
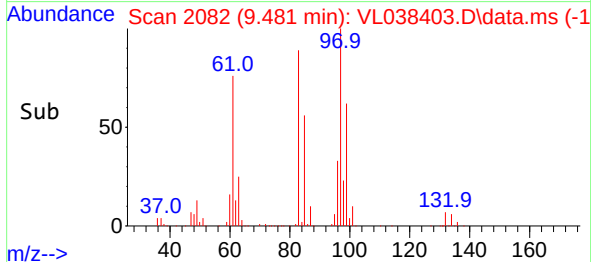
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 97 Resp: 777540
Ion Ratio Lower Upper
97 100
83 88.7 74.2 111.4
85 56.3 49.8 74.8
99 62.0 49.5 74.3

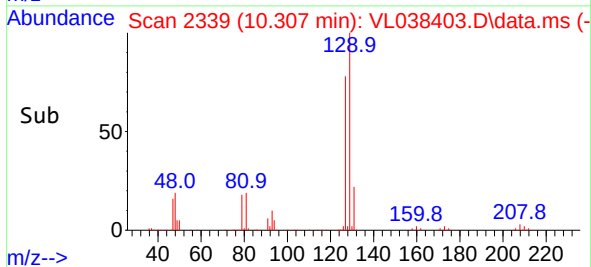
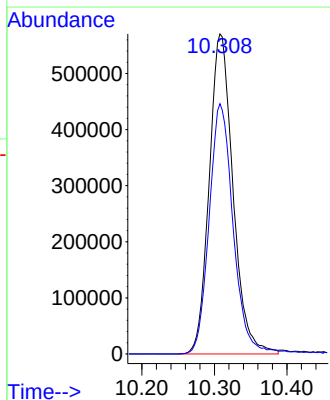
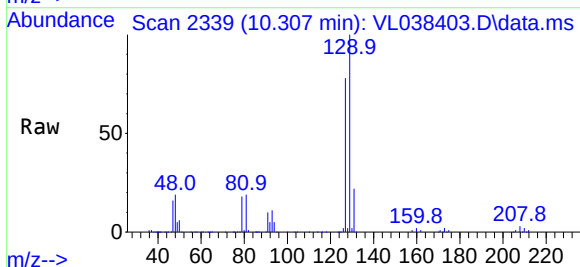
Manual Integrations
APPROVED

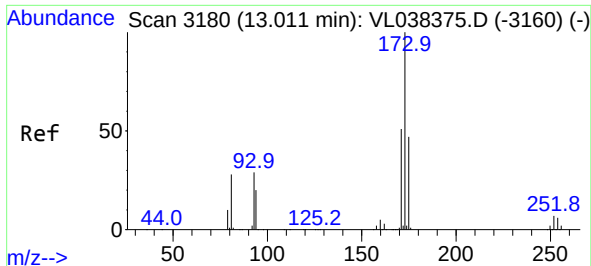
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#48
Dibromochloromethane
Concen: 10.414 ppbv
RT: 10.307 min Scan# 2339
Delta R.T. 0.032 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

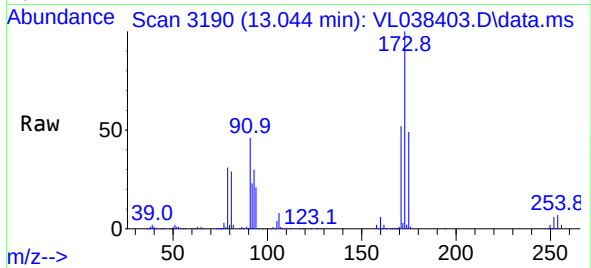
Tgt Ion:129 Resp: 1300278
Ion Ratio Lower Upper
129 100
127 80.2 39.4 118.1





#49
Bromoform
Concen: 10.674 ppbv
RT: 13.044 min Scan# 3180
Delta R.T. 0.032 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

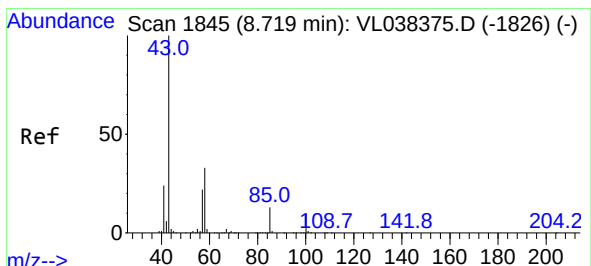
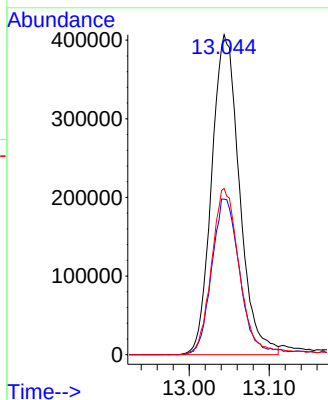
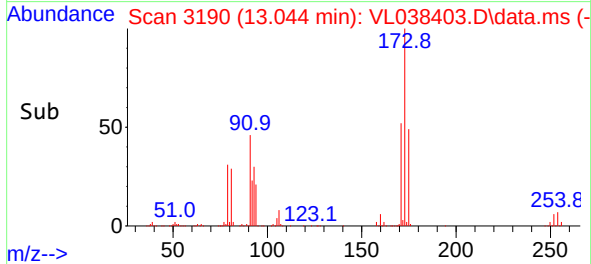
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



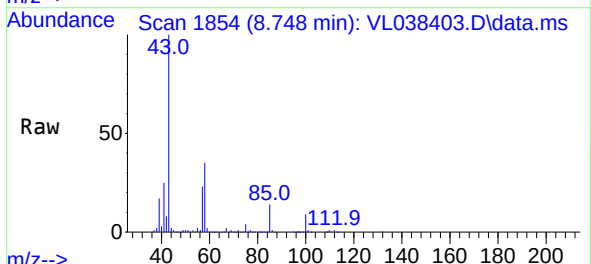
Tgt Ion:173 Resp: 983752
Ion Ratio Lower Upper
173 100
175 50.5 40.2 60.2
171 54.1 42.7 64.1

Manual Integrations
APPROVED

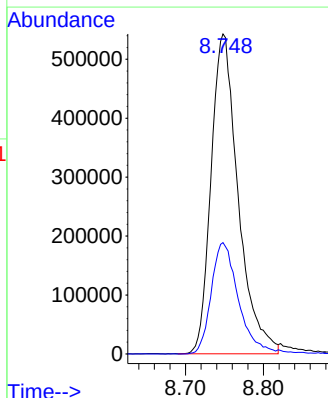
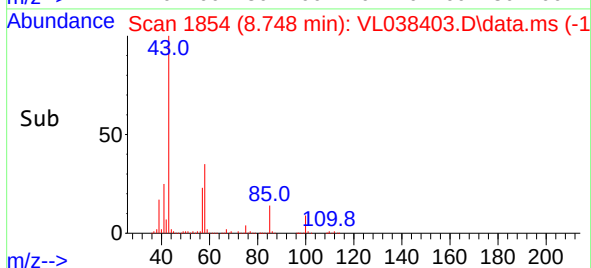
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

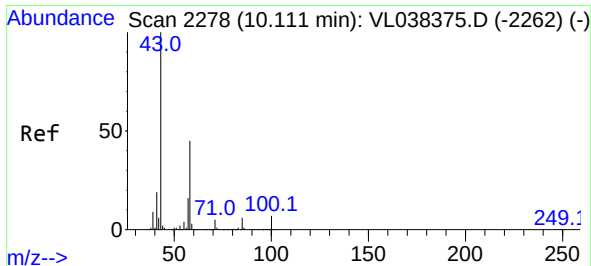


#50
4-Methyl-2-Pentanone
Concen: 10.769 ppbv
RT: 8.748 min Scan# 1854
Delta R.T. 0.029 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43



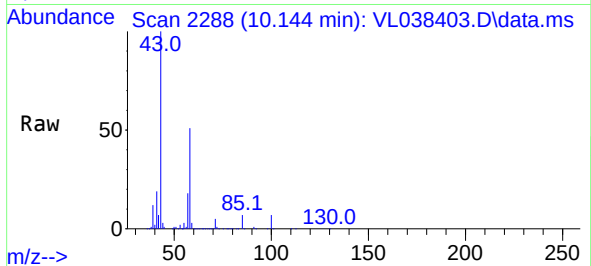
Tgt Ion: 43 Resp: 1310826
Ion Ratio Lower Upper
43 100
58 35.9 27.7 41.5





#51
2-Hexanone
Concen: 10.814 ppbv
RT: 10.144 min Scan# 21
Delta R.T. 0.032 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

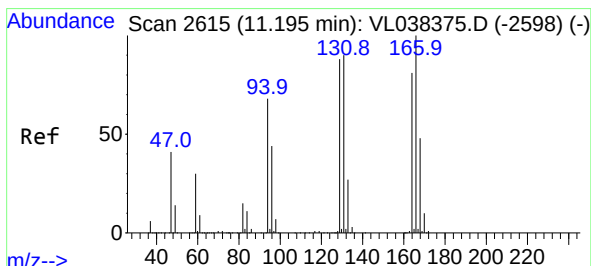
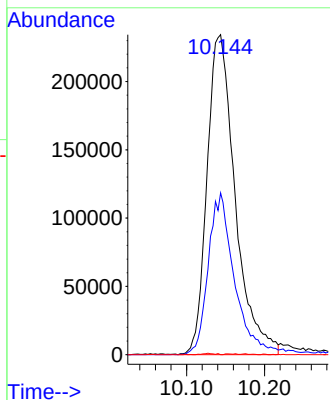
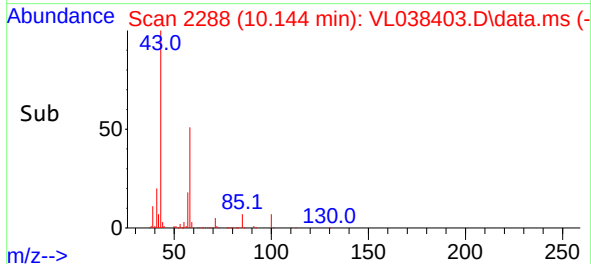
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



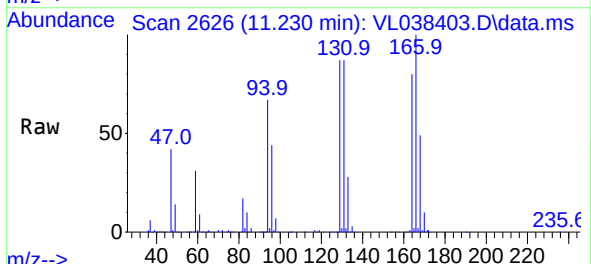
Tgt Ion: 43 Resp: 589280
Ion Ratio Lower Upper
43 100
58 48.3 37.4 56.0
98 0.2 0.1 0.1

Manual Integrations
APPROVED

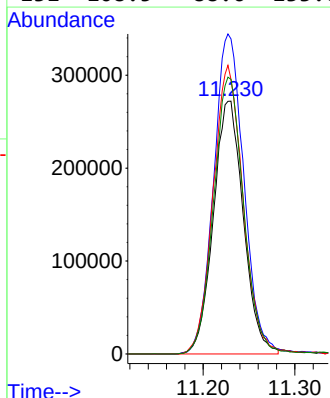
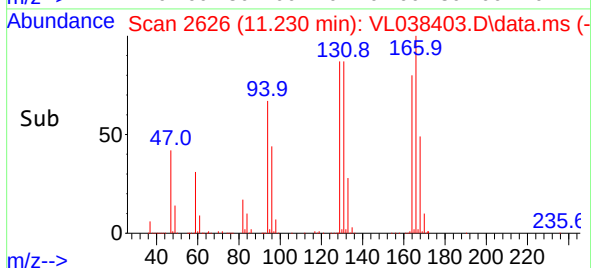
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

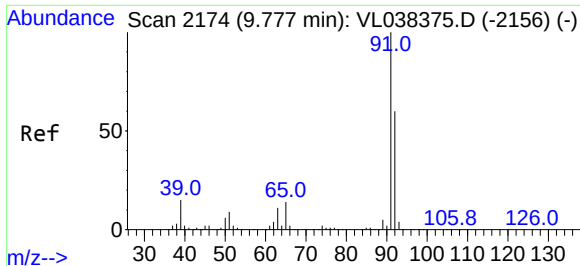


#52
Tetrachloroethene
Concen: 9.653 ppbv
RT: 11.230 min Scan# 2626
Delta R.T. 0.036 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43



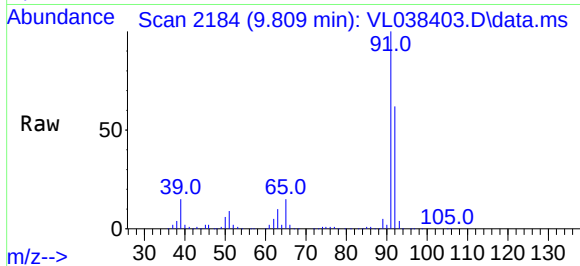
Tgt Ion:164 Resp: 617541
Ion Ratio Lower Upper
164 100
166 124.6 98.6 148.0
129 108.6 86.9 130.3
131 108.5 88.6 133.0





#53
Toluene
Concen: 10.386 ppbv
RT: 9.809 min Scan# 2173
Delta R.T. 0.032 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

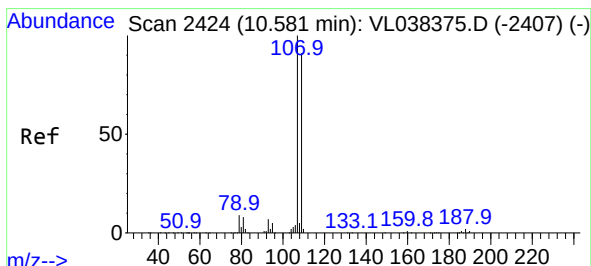
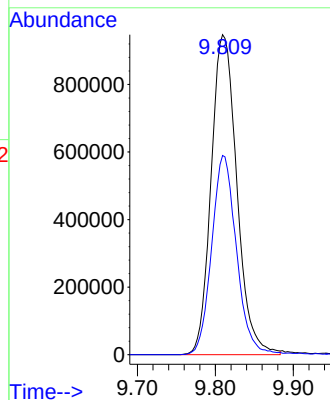
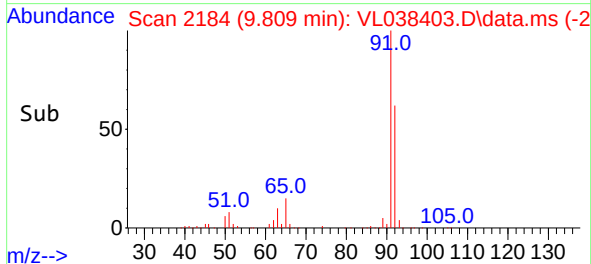
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 91 Resp: 217315
Ion Ratio Lower Upper
91 100
92 60.5 48.2 72.4

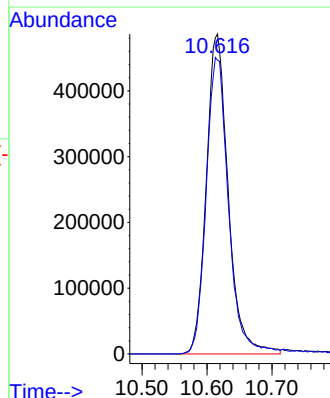
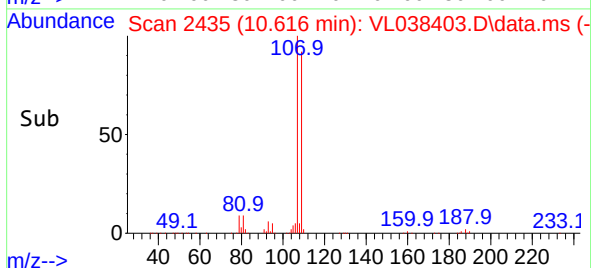
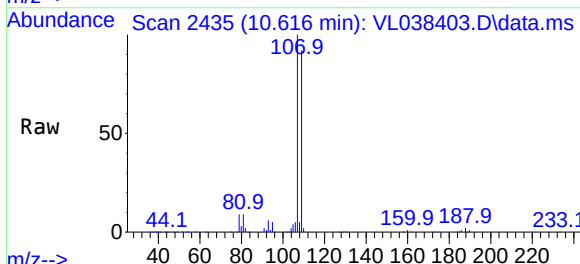
Manual Integrations
APPROVED

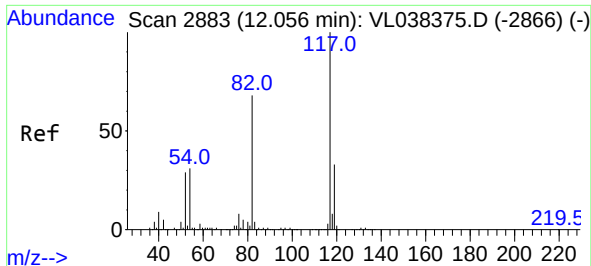
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#54
1,2-Dibromoethane
Concen: 10.645 ppbv
RT: 10.616 min Scan# 2435
Delta R.T. 0.036 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

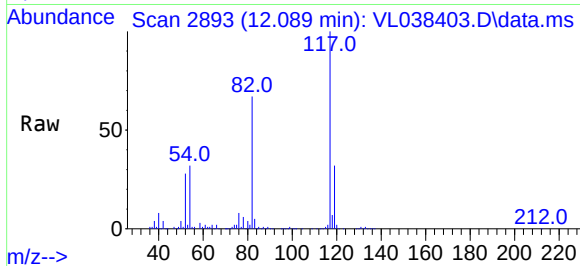
Tgt Ion:107 Resp: 1144235
Ion Ratio Lower Upper
107 100
109 91.7 73.0 109.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.089 min Scan# 2107880
Delta R.T. 0.032 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

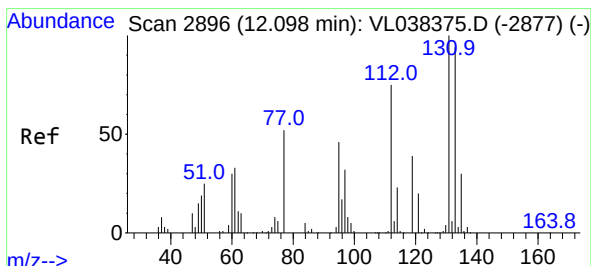
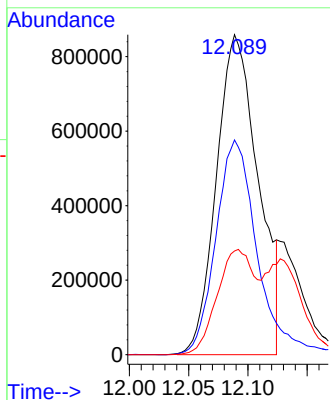
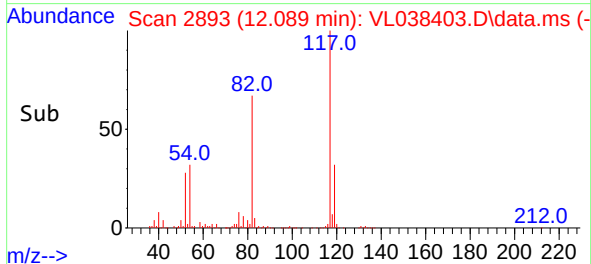
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



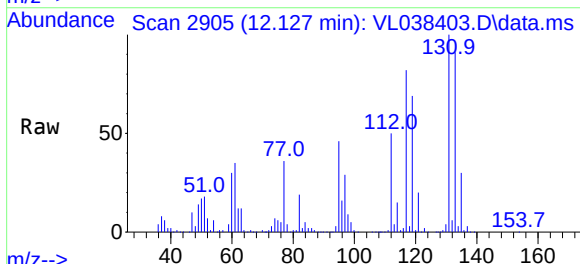
Tgt Ion:117 Resp: 2107880
Ion Ratio Lower Upper
117 100
82 68.8 54.9 82.3
119 32.4 46.1 69.1

Manual Integrations
APPROVED

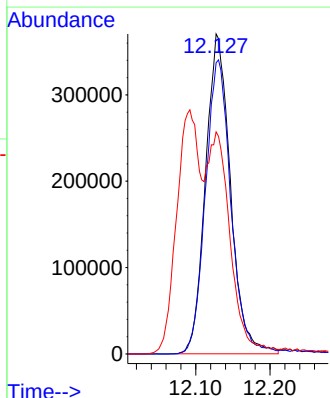
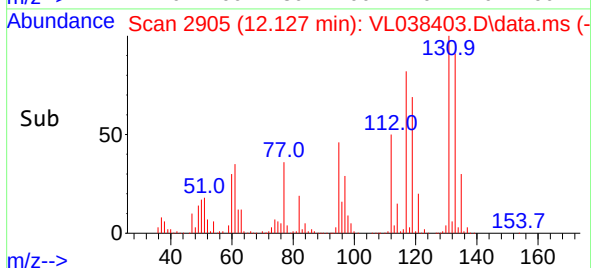
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

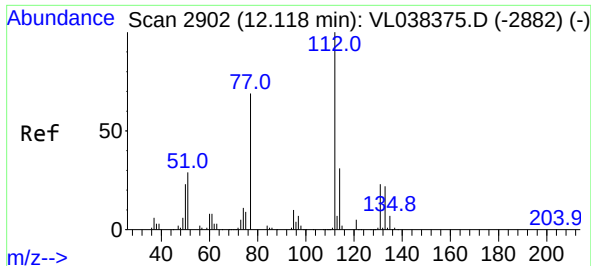


#56
1,1,1,2-Tetrachloroethane
Concen: 9.825 ppbv
RT: 12.127 min Scan# 2905
Delta R.T. 0.029 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43



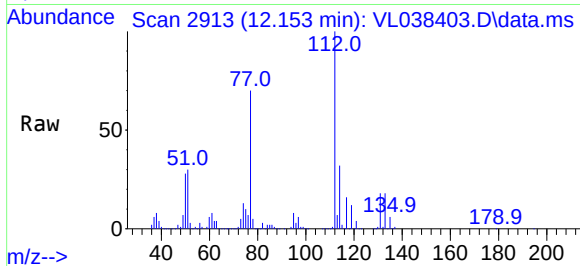
Tgt Ion:131 Resp: 863237
Ion Ratio Lower Upper
131 100
133 95.8 77.3 115.9
119 65.2 48.6 73.0





#57
Chlorobenzene
Concen: 9.318 ppbv
RT: 12.153 min Scan# 2902
Delta R.T. 0.036 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

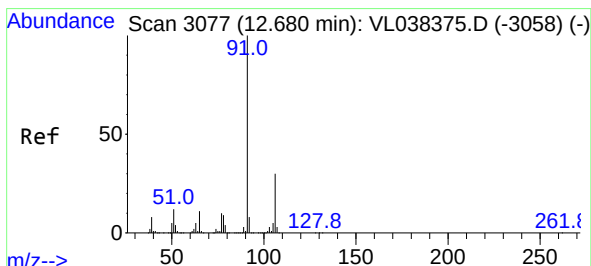
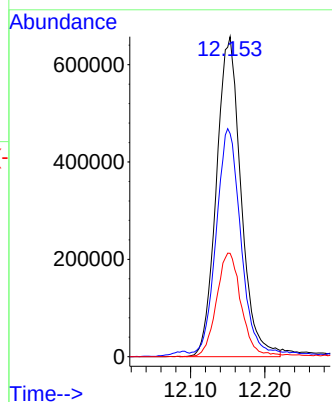
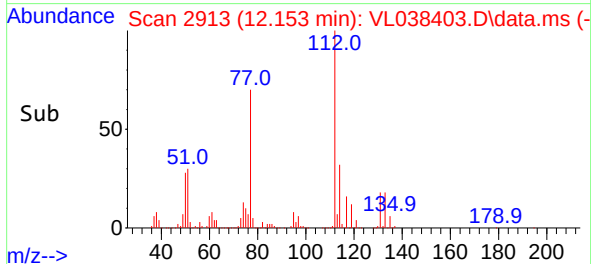
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



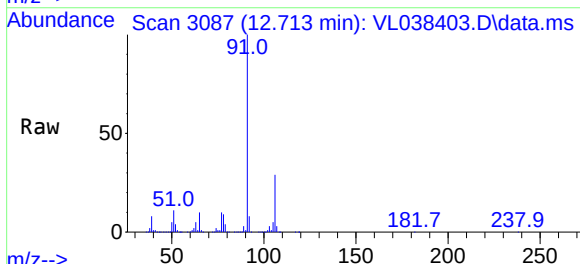
Tgt Ion: 112 Resp: 151549
Ion Ratio Lower Upper
112 100
77 68.3 55.2 82.8
114 32.1 27.9 34.1

Manual Integrations
APPROVED

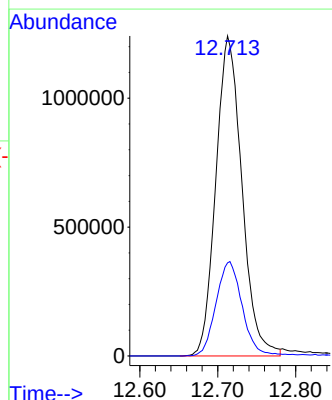
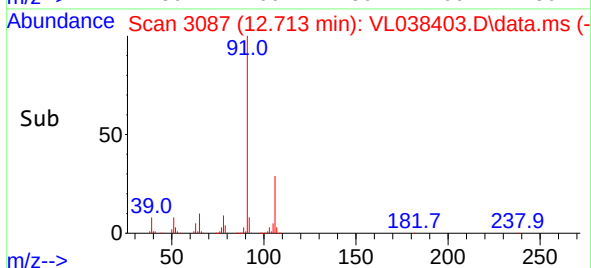
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

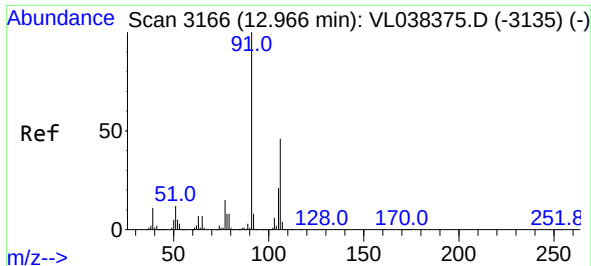


#58
Ethyl Benzene
Concen: 9.993 ppbv
RT: 12.713 min Scan# 3087
Delta R.T. 0.032 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43



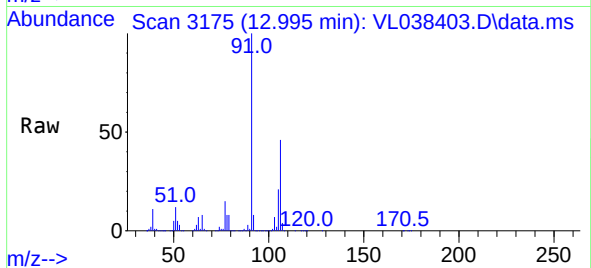
Tgt Ion: 91 Resp: 2880310
Ion Ratio Lower Upper
91 100
106 29.1 24.0 36.0





#59
m/p-Xylene
Concen: 19.666 ppbv m
RT: 12.995 min Scan# 3166
Delta R.T. 0.029 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

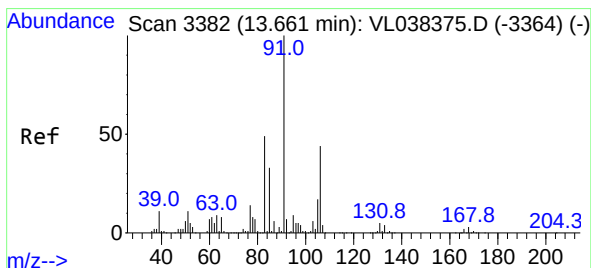
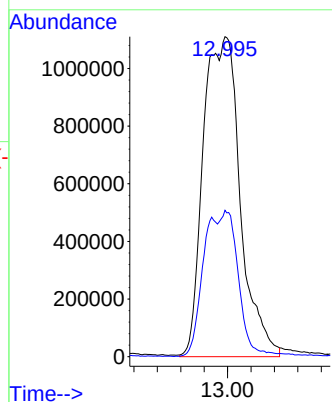
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



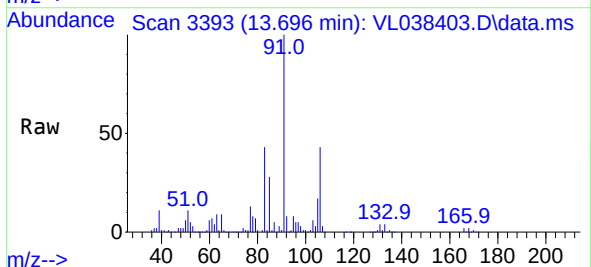
Tgt Ion: 91 Resp: 486824
Ion Ratio Lower Upper
91 100
106 43.1 34.4 51.6

Manual Integrations
APPROVED

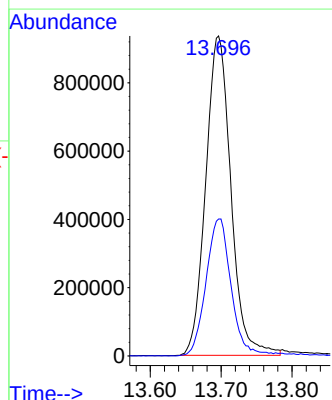
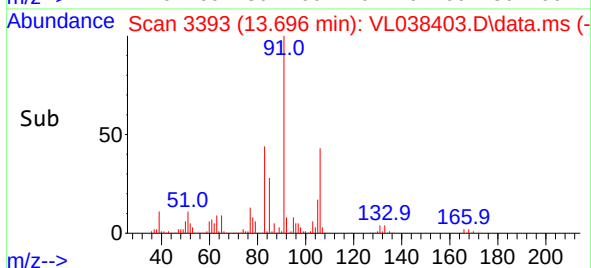
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

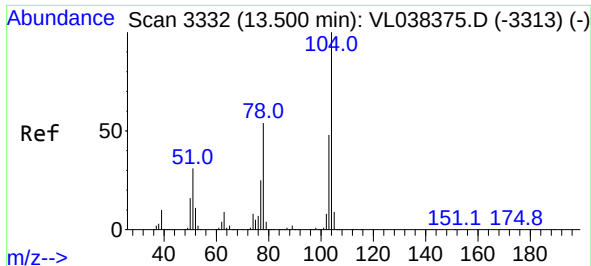


#60
o-Xylene
Concen: 9.890 ppbv
RT: 13.696 min Scan# 3393
Delta R.T. 0.036 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43



Tgt Ion: 91 Resp: 2314334
Ion Ratio Lower Upper
91 100
106 43.5 21.9 65.5





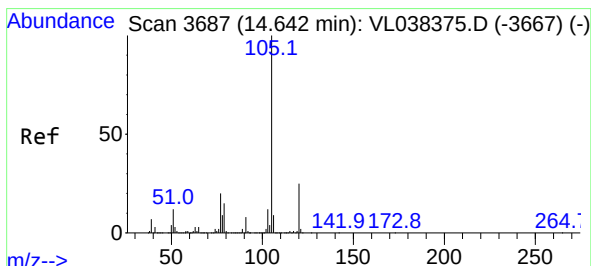
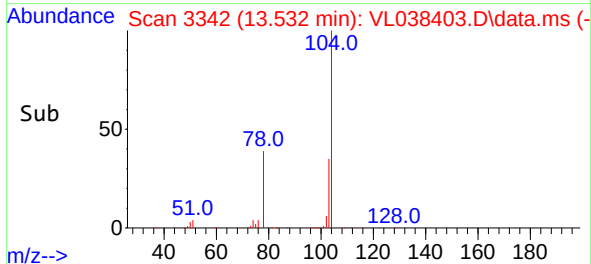
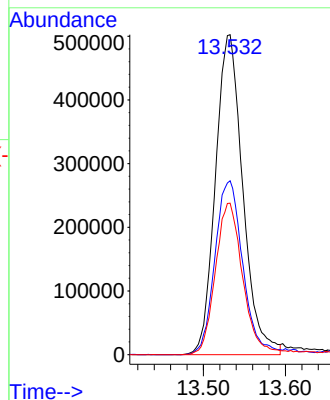
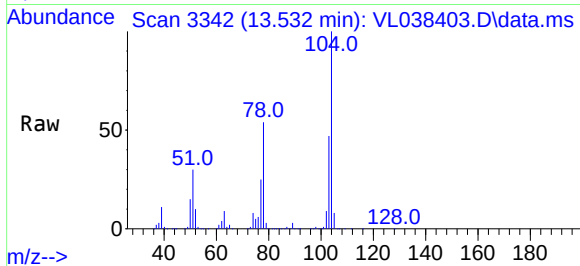
#61
Styrene
Concen: 10.812 ppbv
RT: 13.532 min Scan# 311
Delta R.T. 0.032 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:104 Resp: 1166938
Ion Ratio Lower Upper
104 100
78 56.7 44.2 66.4
103 48.2 38.4 57.6

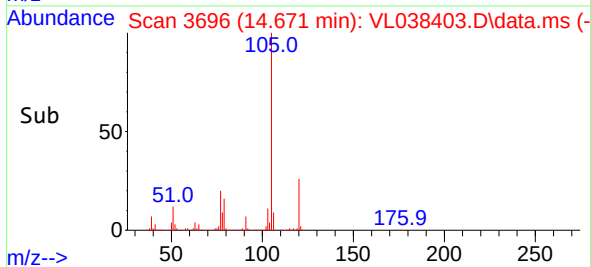
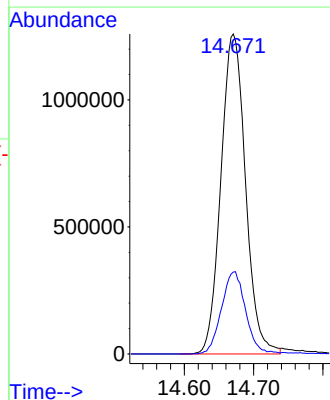
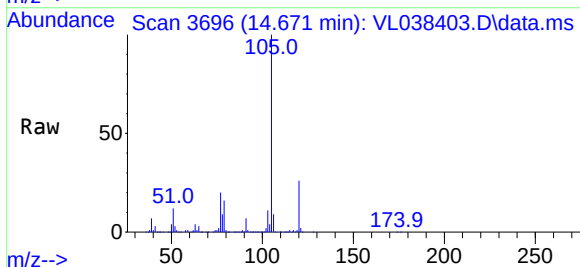
Manual Integrations
APPROVED

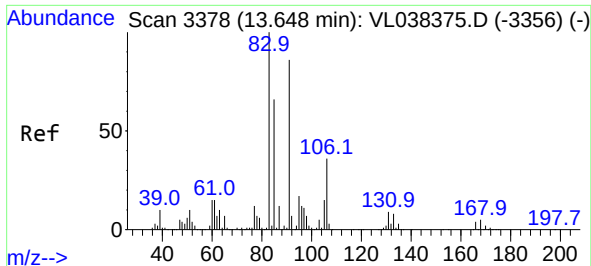
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#62
Isopropylbenzene
Concen: 9.897 ppbv
RT: 14.671 min Scan# 3696
Delta R.T. 0.029 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

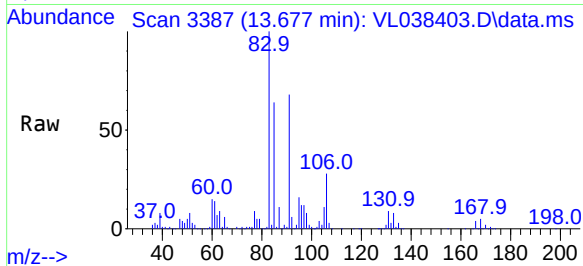
Tgt Ion:105 Resp: 3108354
Ion Ratio Lower Upper
105 100
120 25.6 20.6 30.8





#63
1,1,2,2-Tetrachloroethane
Concen: 8.886 ppbv
RT: 13.677 min Scan# 31
Delta R.T. 0.029 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

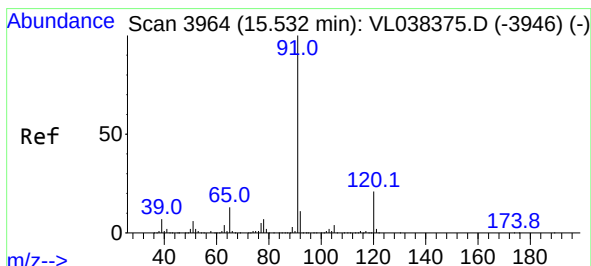
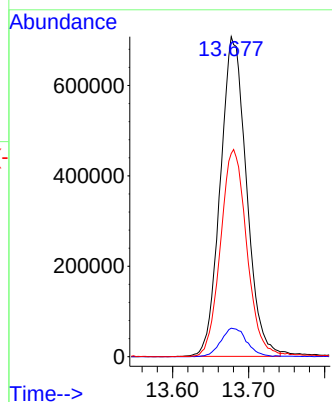
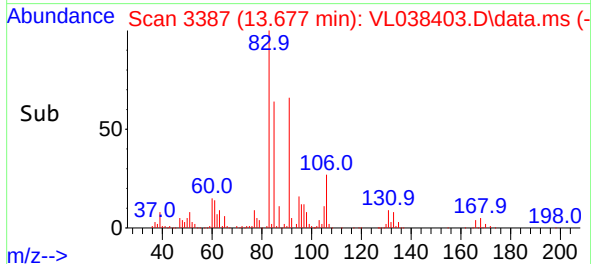
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



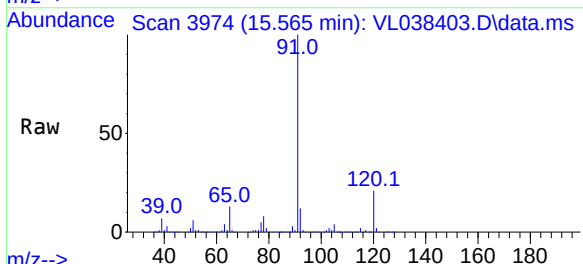
Tgt Ion: 83 Resp: 1689409
Ion Ratio Lower Upper
83 100
131 9.0 4.5 13.7
85 66.5 33.0 99.0

Manual Integrations
APPROVED

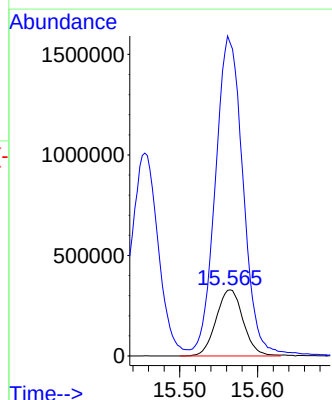
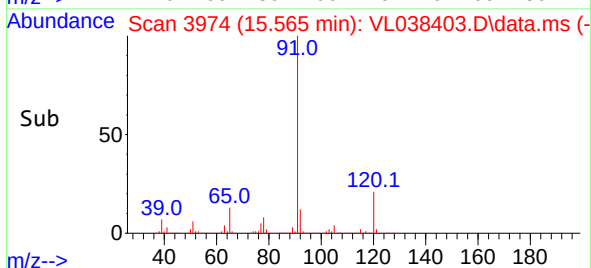
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

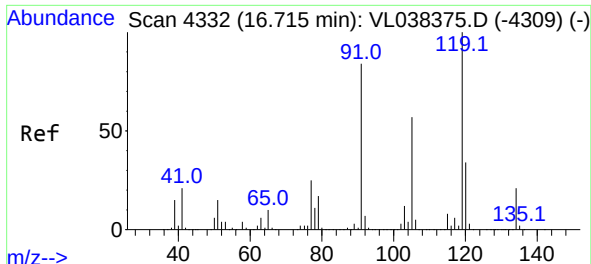


#64
n-propylbenzene
Concen: 10.192 ppbv
RT: 15.565 min Scan# 3974
Delta R.T. 0.032 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43



Tgt Ion:120 Resp: 792578
Ion Ratio Lower Upper
120 100
91 500.0 388.1 582.1





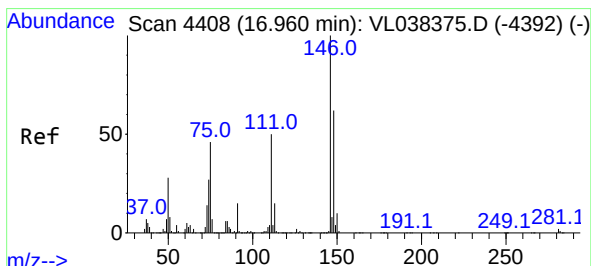
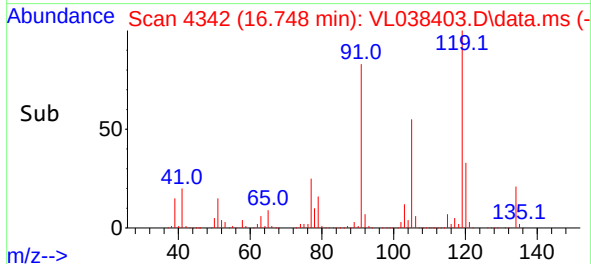
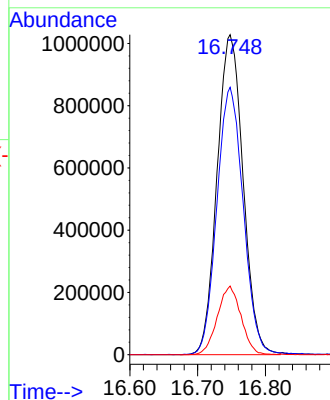
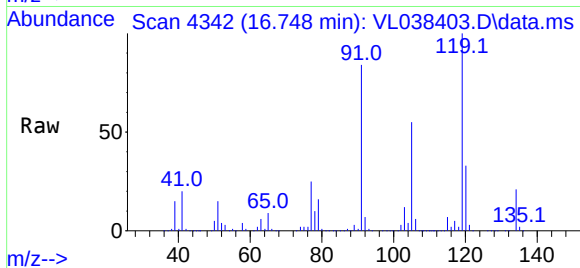
#65
tert-Butylbenzene
Concen: 10.065 ppbv
RT: 16.748 min Scan# 411
Delta R.T. 0.032 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 119 Resp: 273797
Ion Ratio Lower Upper
119 100
91 85.2 68.0 102.0
134 19.6 15.8 23.8

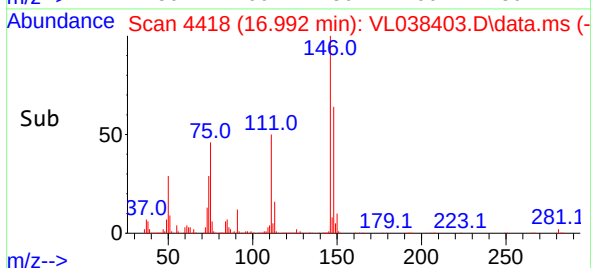
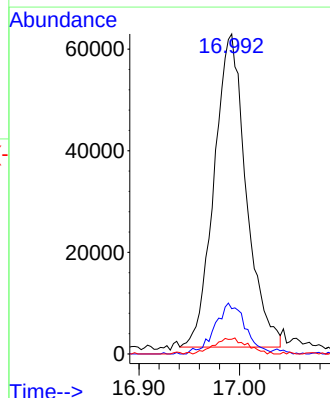
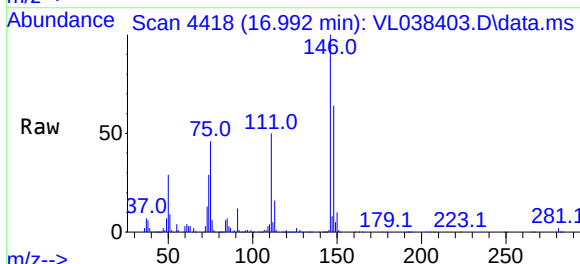
Manual Integrations
APPROVED

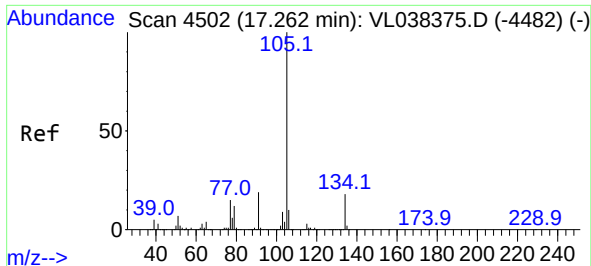
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#66
Benzyl Chloride
Concen: 9.279 ppbv
RT: 16.992 min Scan# 4418
Delta R.T. 0.032 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

Tgt Ion: 91 Resp: 136403
Ion Ratio Lower Upper
91 100
126 16.2 12.3 18.5
128 5.5 4.2 6.4





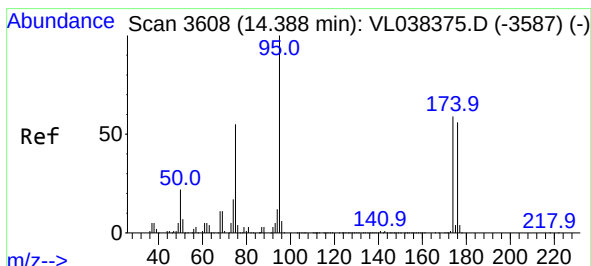
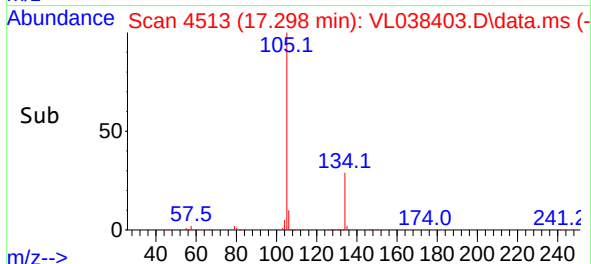
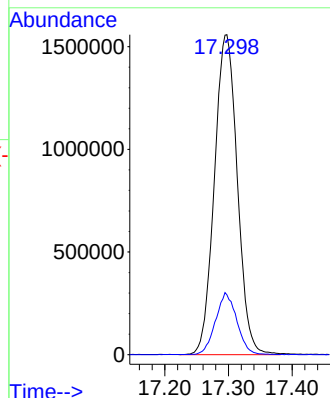
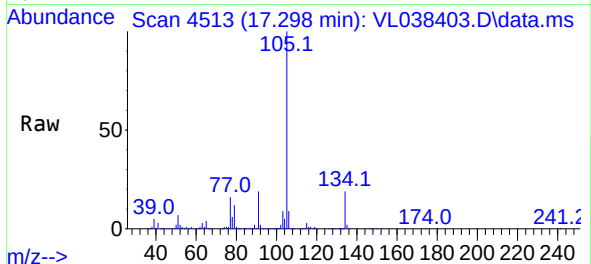
#67
 sec-Butylbenzene
 Concen: 10.110 ppbv
 RT: 17.298 min Scan# 41
 Delta R.T. 0.036 min
 Lab File: VL038403.D
 Acq: 23 Feb 2022 00:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:105 Resp: 3896629
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.6 21.8

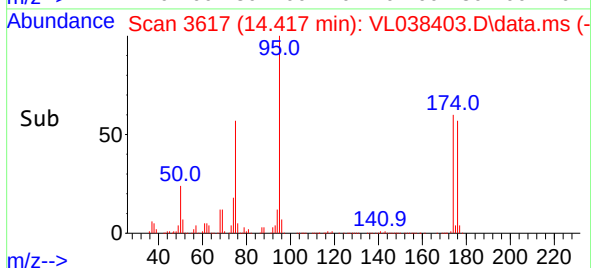
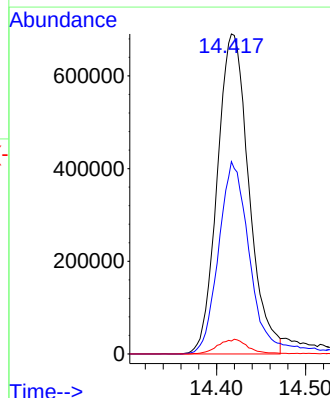
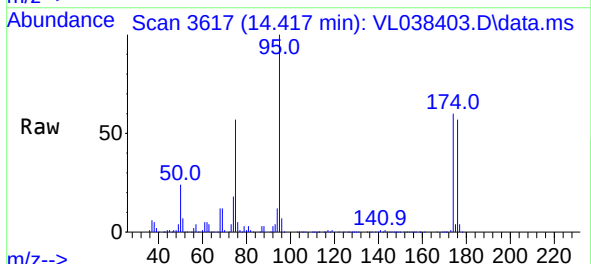
Manual Integrations
 APPROVED

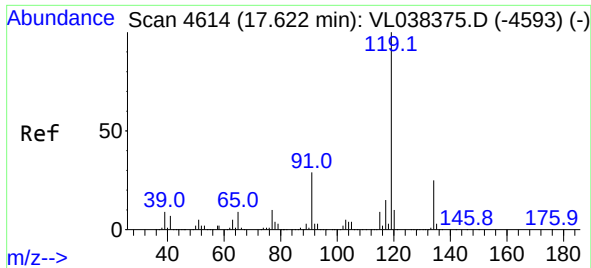
Reviewed By :Semsettin Yesilyurt 02/25/2022
 Supervised By :Mahesh Dadoda 02/25/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.763 ppbv
 RT: 14.417 min Scan# 3617
 Delta R.T. 0.029 min
 Lab File: VL038403.D
 Acq: 23 Feb 2022 00:43

Tgt Ion: 95 Resp: 1702811
 Ion Ratio Lower Upper
 95 100
 174 61.4 49.0 73.4
 175 4.5 3.6 5.4





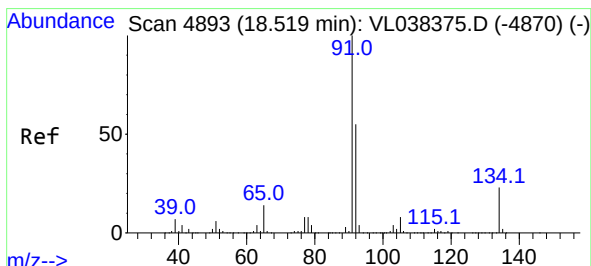
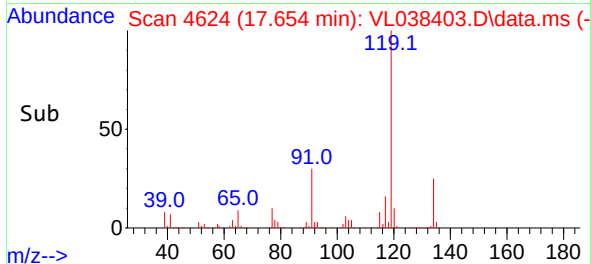
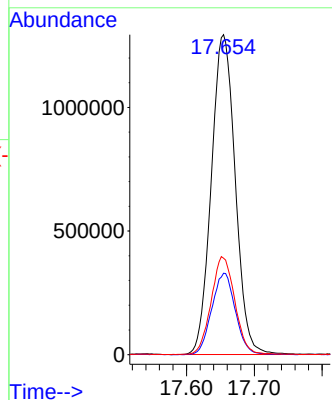
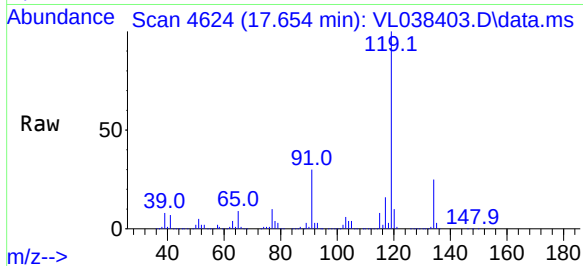
#69
p-Isopropyltoluene
Concen: 10.480 ppbv
RT: 17.654 min Scan# 41
Delta R.T. 0.032 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 3172915
Ion Ratio Lower Upper
119 100
134 25.2 20.4 30.6
91 30.4 23.8 35.8

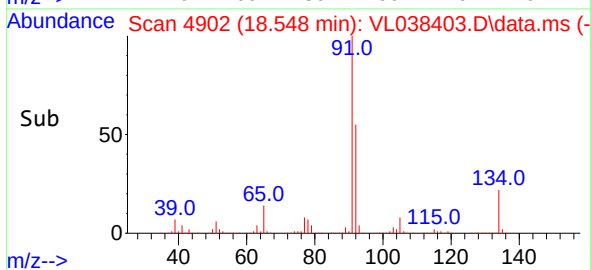
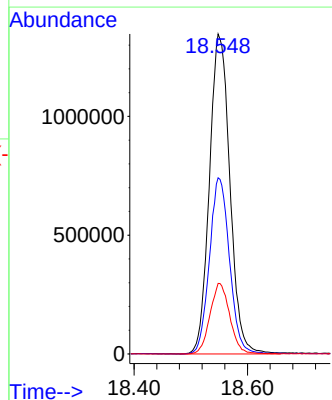
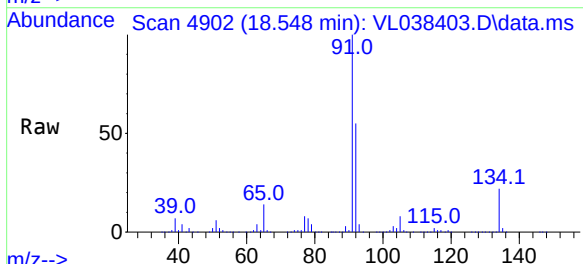
Manual Integrations
APPROVED

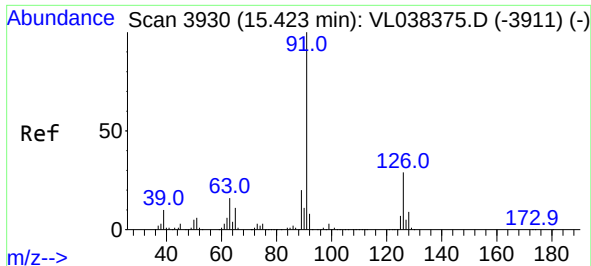
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#70
n-Butylbenzene
Concen: 10.775 ppbv
RT: 18.548 min Scan# 4902
Delta R.T. 0.029 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

Tgt Ion: 91 Resp: 3375813
Ion Ratio Lower Upper
91 100
92 54.1 43.1 64.7
134 21.4 17.4 26.0





#71
2-Chlorotoluene
Concen: 10.041 ppbv
RT: 15.455 min Scan# 3911
Delta R.T. 0.032 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

Instrument :

MSVOA_L

ClientSampleId :

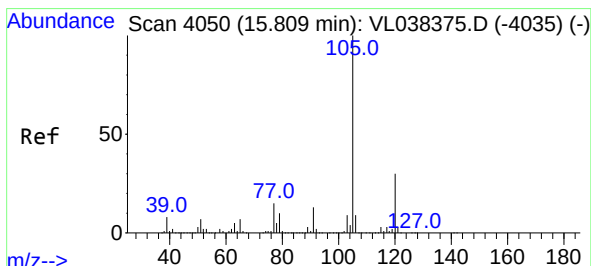
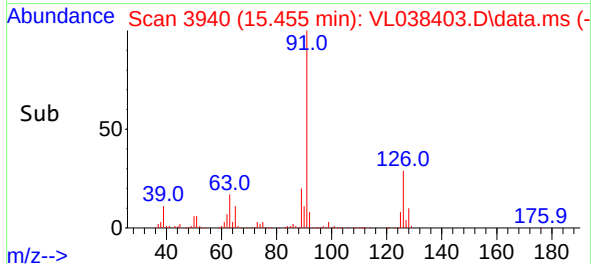
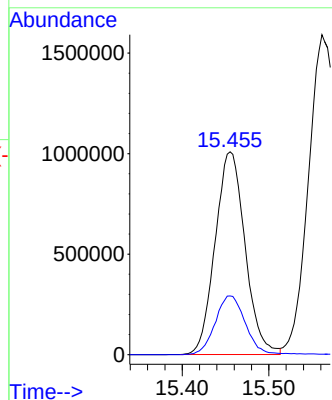
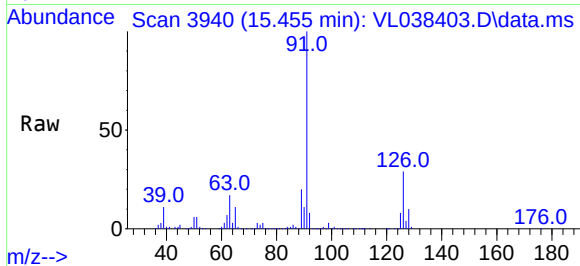
VSTDCCC010EC

Tgt Ion: 91 Resp: 2425110
Ion Ratio Lower Upper
91 100
126 29.7 11.9 47.7

Manual Integrations

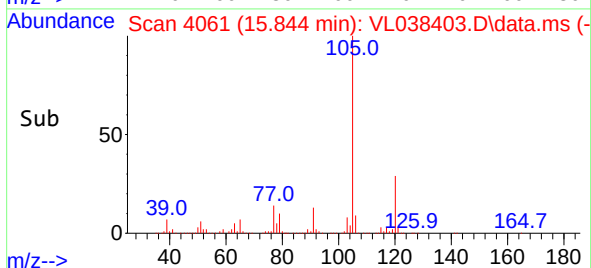
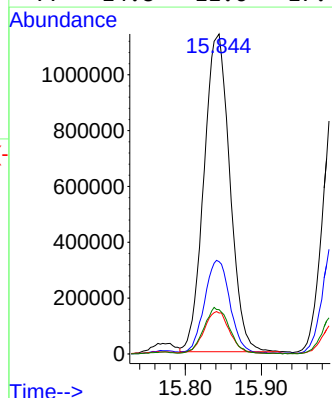
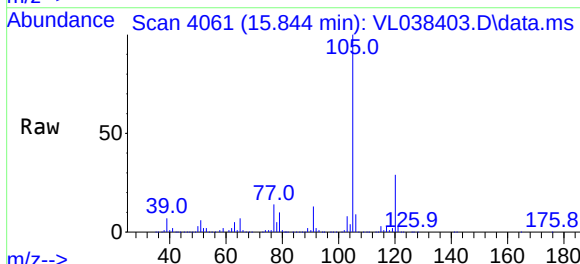
APPROVED

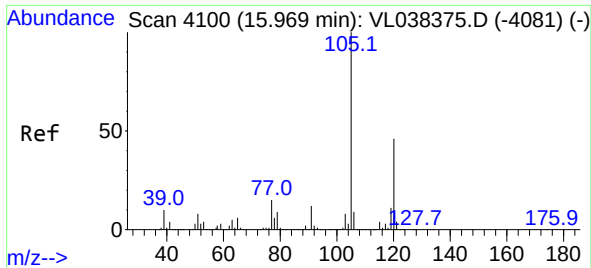
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022



#72
4-Ethyltoluene
Concen: 10.446 ppbv
RT: 15.844 min Scan# 4061
Delta R.T. 0.036 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

Tgt Ion:105 Resp: 2693196
Ion Ratio Lower Upper
105 100
120 29.5 23.4 35.2
91 13.1 10.4 15.6
77 14.8 11.6 17.4





#73
 1,3,5-Trimethylbenzene
 Concen: 10.392 ppbv
 RT: 15.999 min Scan# 4100
 Delta R.T. 0.029 min
 Lab File: VL038403.D
 Acq: 23 Feb 2022 00:43

Instrument :

MSVOA_L

ClientSampleId :

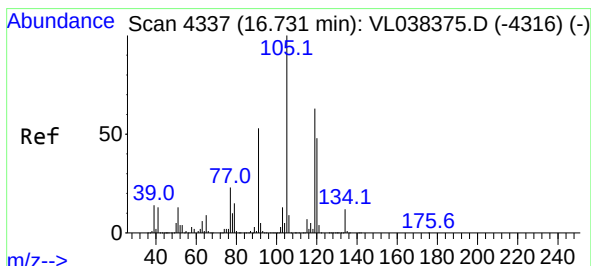
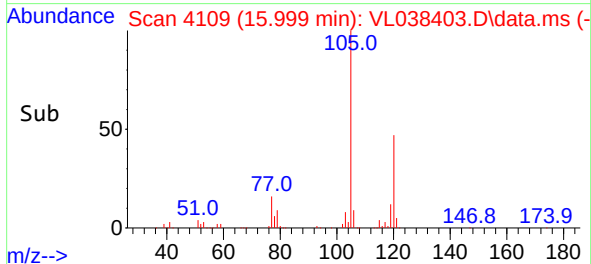
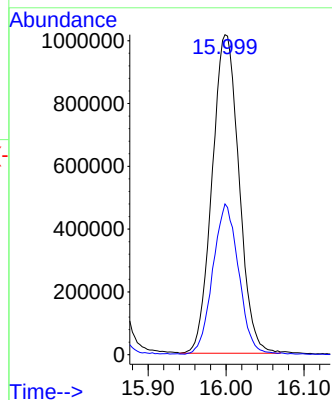
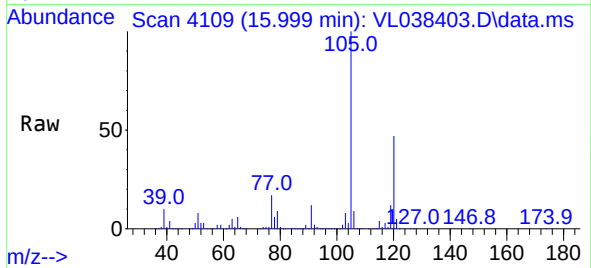
VSTDCCC010EC

Tgt Ion:105 Resp: 243324
 Ion Ratio Lower Upper
 105 100
 120 47.1 36.6 55.0

Manual Integrations

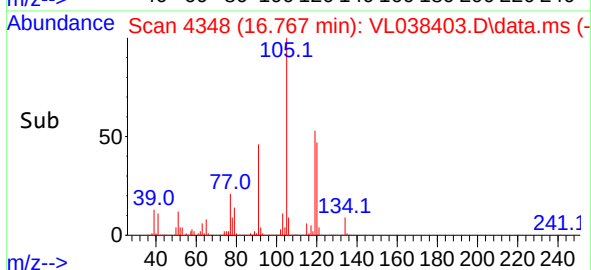
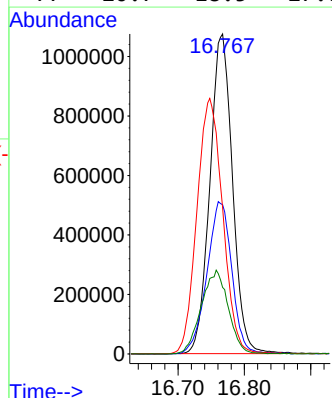
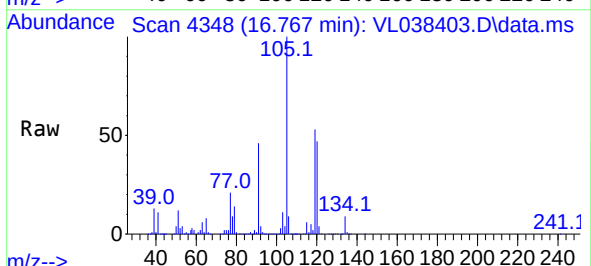
APPROVED

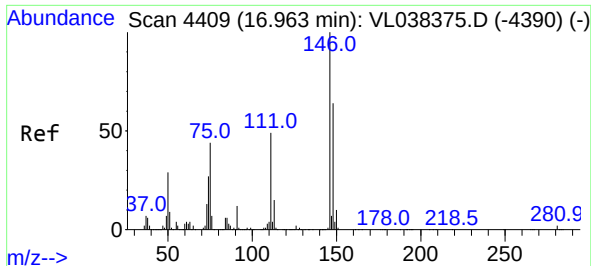
Reviewed By :Semsettin Yesilyurt 02/25/2022
 Supervised By :Mahesh Dadoda 02/25/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 10.298 ppbv
 RT: 16.767 min Scan# 4348
 Delta R.T. 0.036 min
 Lab File: VL038403.D
 Acq: 23 Feb 2022 00:43

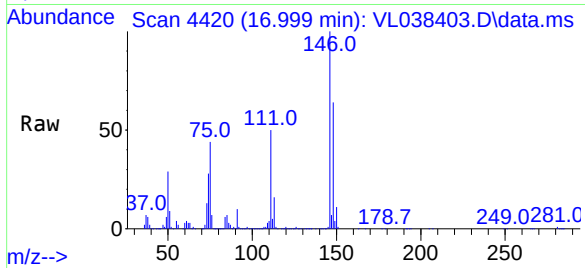
Tgt Ion:105 Resp: 2545679
 Ion Ratio Lower Upper
 105 100
 120 46.5 38.2 57.4
 91 45.4 42.7 64.1
 77 20.7 18.5 27.7





#75
1,3-Dichlorobenzene
Concen: 10.038 ppbv
RT: 16.999 min Scan# 4420
Delta R.T. 0.036 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

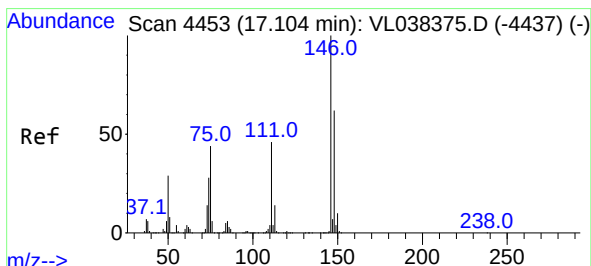
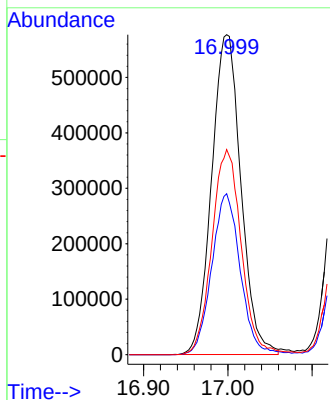
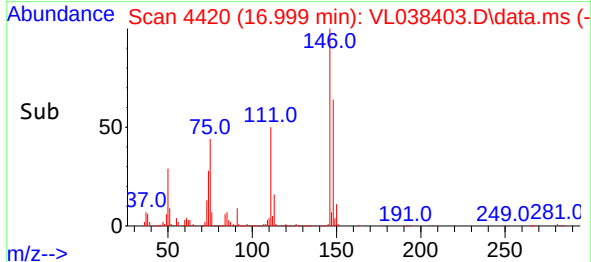
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



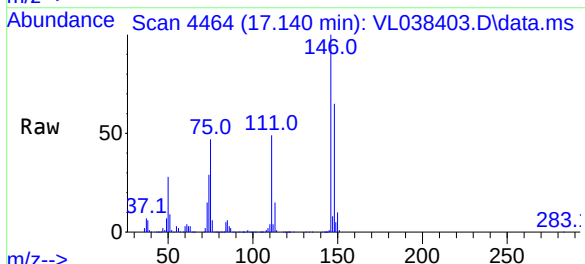
Tgt Ion:146 Resp: 138989
Ion Ratio Lower Upper
146 100
111 49.2 24.3 72.9
148 64.6 32.0 96.0

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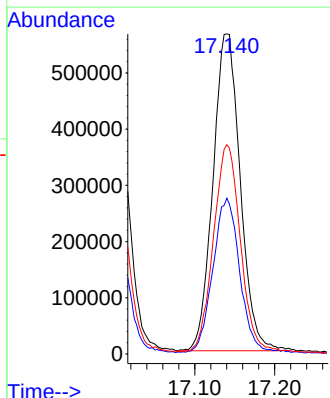
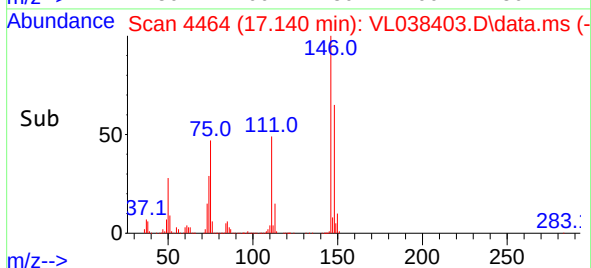
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

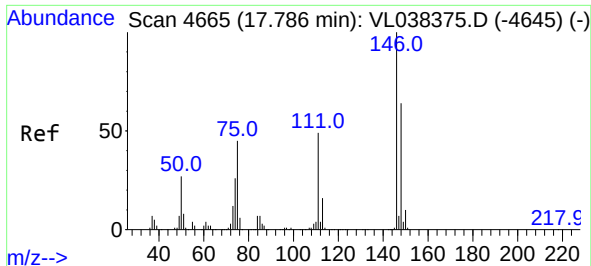


#76
1,4-Dichlorobenzene
Concen: 9.749 ppbv
RT: 17.140 min Scan# 4464
Delta R.T. 0.036 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43



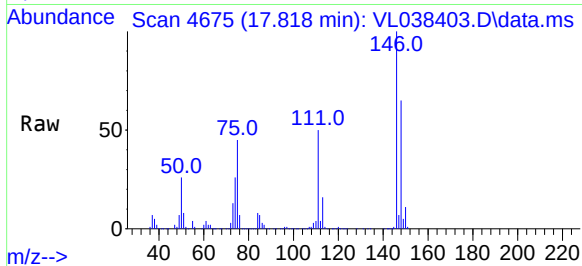
Tgt Ion:146 Resp: 1331054
Ion Ratio Lower Upper
146 100
111 49.8 24.1 72.2
148 66.8 32.8 98.4





#77
1,2-Dichlorobenzene
Concen: 10.001 ppbv
RT: 17.818 min Scan# 40
Delta R.T. 0.032 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

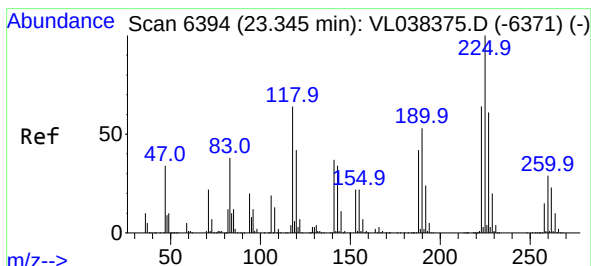
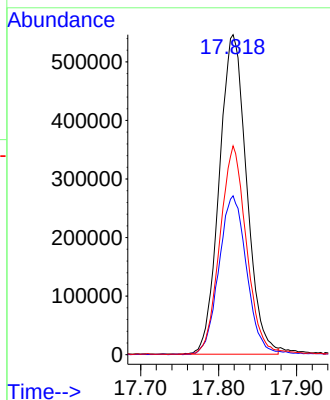
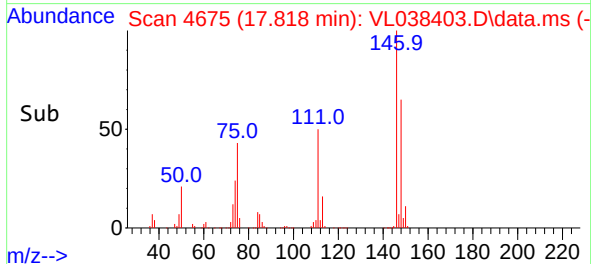
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



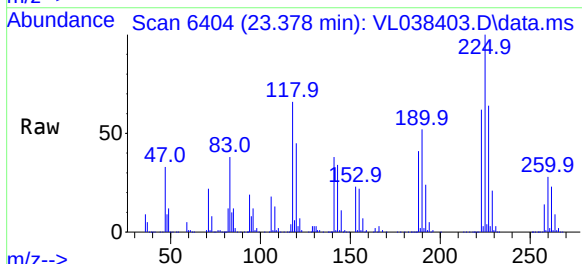
Tgt Ion:146 Resp: 1332990
Ion Ratio Lower Upper
146 100
111 50.8 25.6 76.6
148 63.8 32.4 97.2

Manual Integrations
APPROVED

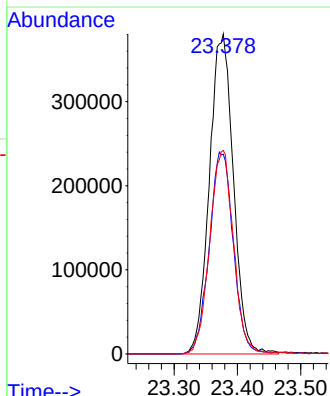
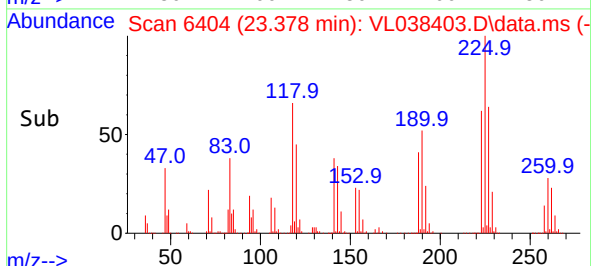
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

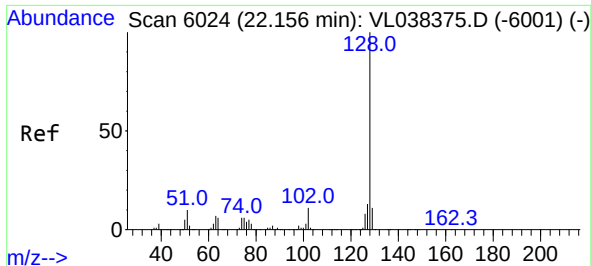


#78
Hexachloro-1,3-Butadiene
Concen: 9.852 ppbv m
RT: 23.378 min Scan# 6404
Delta R.T. 0.032 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43



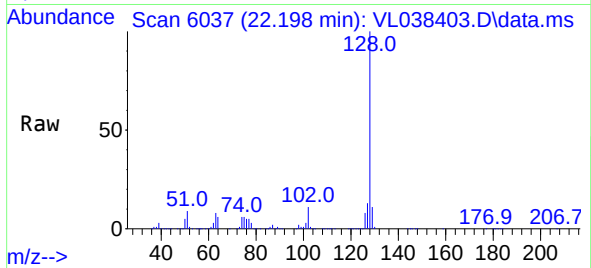
Tgt Ion:225 Resp: 1001406
Ion Ratio Lower Upper
225 100
223 63.4 52.0 78.0
227 63.0 51.6 77.4





#79
Naphthalene
Concen: 13.664 ppbv
RT: 22.198 min Scan# 6024
Delta R.T. 0.042 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43

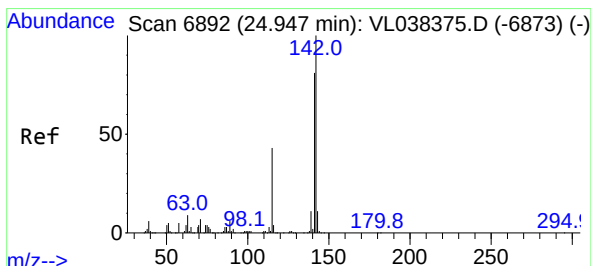
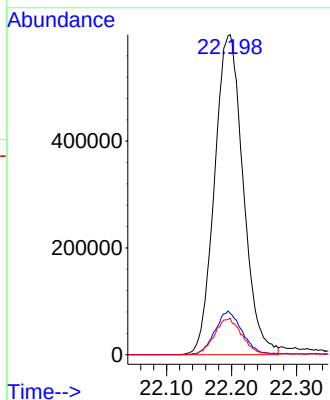
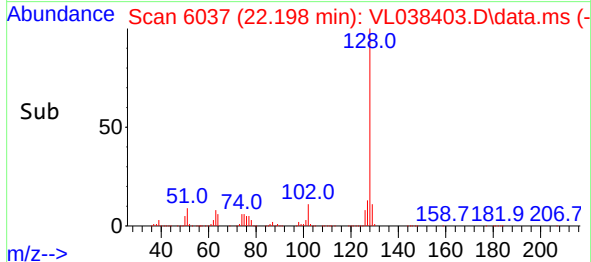
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



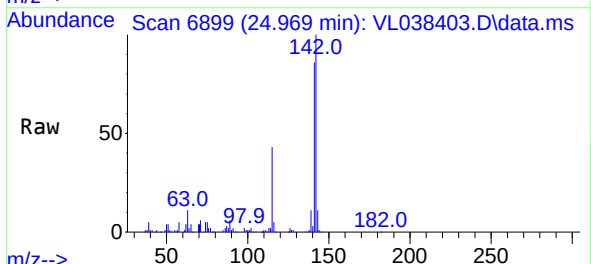
Tgt Ion:128 Resp: 1830169
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 11.4 8.8 13.2

Manual Integrations
APPROVED

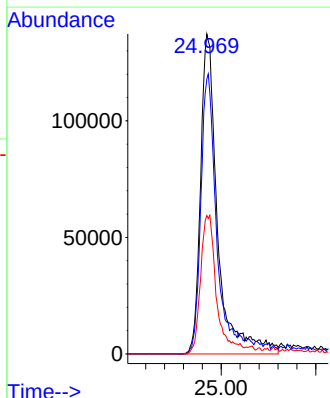
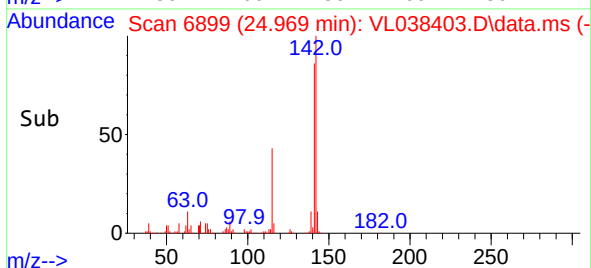
Reviewed By :Semsettin Yesilyurt 02/25/2022
Supervised By :Mahesh Dadoda 02/25/2022

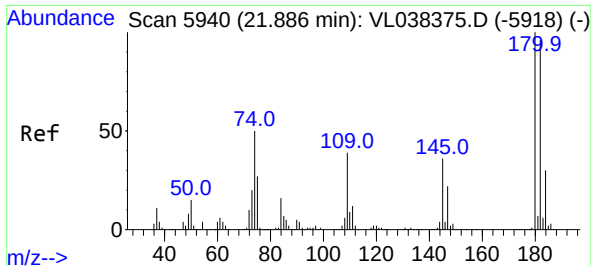


#80
Naphthalene,2-methyl-
Concen: 13.196 ppbv
RT: 24.969 min Scan# 6899
Delta R.T. 0.023 min
Lab File: VL038403.D
Acq: 23 Feb 2022 00:43



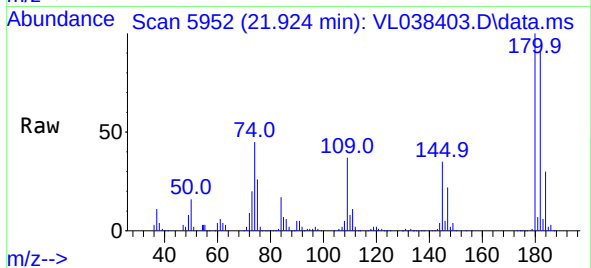
Tgt Ion:142 Resp: 345419
Ion Ratio Lower Upper
142 100
141 84.9 69.8 104.6
115 42.6 33.0 49.6





#81
 1,2,4-Trichlorobenzene
 Concen: 12.536 ppbv
 RT: 21.924 min Scan# 5952
 Delta R.T. 0.039 min
 Lab File: VL038403.D
 Acq: 23 Feb 2022 00:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 1015244
 Ion Ratio Lower Upper
 180 100
 182 97.4 77.4 116.2
 184 30.6 24.9 37.3

Manual Integrations
 APPROVED

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

