

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022222\
 Data File : VL038381.D
 Acq On : 22 Feb 2022 7:56
 Operator : SY/AP
 Sample : VSTDIC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/23/2022
 Supervised By : Amit Patel 02/23/2022

Quant Time: Feb 22 08:28:45 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 08:28:45 2022

QLast Update : Tue Feb 22 07:53:26 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.648	49	939655	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.153	114	2346058	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.060	117	2224146m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.384 95 1928372 11.337 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 113.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.041	85	1677132	8.916	ppbv	98
3) Chlorodifluoromethane	2.980	51	2265268	12.446	ppbv	100
4) Chloromethane	3.131	50	808134	12.889	ppbv	100
5) Vinyl Chloride	3.250	62	810944	12.790	ppbv	98
6) Bromomethane	3.462	94	452016	13.449	ppbv	93
7) Chloroethane	3.546	64	293163	13.905	ppbv	98
8) Dichlorotetrafluoroethane	3.179	85	1875259	12.399	ppbv	99
9) Propene	3.002	41	767441	12.984	ppbv	99
10) Heptane	8.099	43	1971197	12.942	ppbv	99
11) Trichlorofluoromethane	3.938	101	1985288	13.072	ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.472	101	1473216	12.838	ppbv	100
13) Ethanol	3.597	45	66147	10.876	ppbv	95
14) Bromoethene	3.729	108	599981	13.361	ppbv	100
15) Acetone	3.835	43	1018003	12.456	ppbv	100
16) 1,3-Butadiene	3.317	39	796350	13.666	ppbv	98
17) tert-Butyl alcohol	4.272	59	1089653	12.389	ppbv	100
18) 1,1-Dichloroethene	4.276	96	650099	13.098	ppbv	100
19) Isopropyl Alcohol	3.951	45	619992	12.292	ppbv	100
20) Methylene Chloride	4.327	84	540144	11.552	ppbv	96
21) Allyl Chloride	4.398	41	991268	13.955	ppbv	99
22) trans-1,2-Dichloroethene	4.867	96	703309	13.653	ppbv	96
23) Vinyl Acetate	5.054	43	1576174	13.489	ppbv	99
24) 1,1-Dichloroethane	4.993	63	1365495	13.103	ppbv	100
25) Ethyl Acetate	5.658	43	3037101	13.241	ppbv	99
26) Hexane	5.668	57	1387941	13.079	ppbv	98
27) Carbon Disulfide	4.533	76	1644704	13.525	ppbv	98
28) Methyl tert-Butyl Ether	5.015	73	1426199	13.116	ppbv	99
29) Chloroform	5.735	83	2269696	13.128	ppbv	100
30) Cyclohexane	7.111	84	1180025	13.017	ppbv	97
31) cis-1,2-Dichloroethene	5.530	61	1395069	14.403	ppbv	96
32) 1,1,1-Trichloroethane	6.491	97	2262111	13.108	ppbv	99
34) 2-Butanone	5.227	43	1091350	14.090	ppbv	99
35) Carbon Tetrachloride	6.999	117	2368725	14.346	ppbv	98
36) Benzene	6.870	78	2959785	14.198	ppbv	99
37) 1,2-Dichloroethane	6.285	62	1750375	14.653	ppbv	100
38) Trichloroethene	7.812	130	1064266	13.743	ppbv	97
39) 1,2-Dichloropropane	7.587	63	1184556	14.091	ppbv	98
40) 1,4-Dioxane	7.809	88	261407	12.775	ppbv #	1
41) Tetrahydrofuran	6.031	42	762460	14.684	ppbv	99
42) Bromodichloromethane	7.767	83	2525112	14.249	ppbv	98
43) Methyl Methacrylate	7.989	69	1130792	15.367	ppbv	99
44) 2,2,4-Trimethylpentane	7.848	57	4860782	13.254	ppbv	99
45) t-1,3-Dichloropropene	9.253	75	1045193	17.594	ppbv	99

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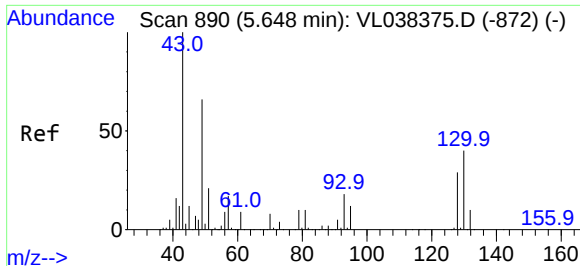
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Feb 22 2022

QLast Update : Tue Feb 22 07:53:26 2022

Response via : Initial Calibration

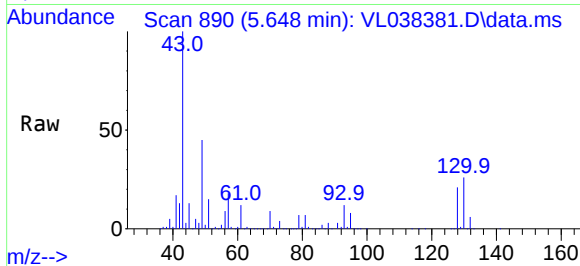
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.677	75	1274302	16.030	ppbv	99
47) 1,1,2-Trichloroethane	9.449	97	1190904	14.291	ppbv	98
48) Dibromochloromethane	10.279	129	2084505	14.877	ppbv	99
49) Bromoform	13.015	173	1594341	15.566	ppbv	97
50) 4-Methyl-2-Pentanone	8.716	43	2036705	14.780	ppbv	98
51) 2-Hexanone	10.108	43	979997	16.095	ppbv #	100
52) Tetrachloroethene	11.195	164	981184	13.683	ppbv	98
53) Toluene	9.780	91	3357135	14.596	ppbv	100
54) 1,2-Dibromoethane	10.584	107	1785351	15.094	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.098	131	1327304	13.644	ppbv #	70
57) Chlorobenzene	12.121	112	2409229	13.592	ppbv	98
58) Ethyl Benzene	12.680	91	4467932	13.718	ppbv	100
59) m/p-Xylene	12.970	91	7554437m	27.110	ppbv	
60) o-Xylene	13.667	91	3584321	13.800	ppbv	98
61) Styrene	13.500	104	1902191	15.725	ppbv	99
62) Isopropylbenzene	14.638	105	4770154	13.755	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.648	83	2646613	13.623	ppbv	100
64) n-propylbenzene	15.532	120	1253179	14.892	ppbv	99
65) tert-Butylbenzene	16.719	119	4184727	14.451	ppbv	98
66) Benzyl Chloride	16.957	91	317476	23.360	ppbv	99
67) sec-Butylbenzene	17.265	105	5897569	14.596	ppbv	100
69) p-Isopropyltoluene	17.625	119	4858102	15.545	ppbv	100
70) n-Butylbenzene	18.519	91	5099540	16.433	ppbv	99
71) 2-Chlorotoluene	15.423	91	3722296	14.332	ppbv	98
72) 4-Ethyltoluene	15.812	105	4266758	15.468	ppbv	99
73) 1,3,5-Trimethylbenzene	15.970	105	3750692	15.069	ppbv	97
74) 1,2,4-Trimethylbenzene	16.735	105	3918375	14.886	ppbv	95
75) 1,3-Dichlorobenzene	16.966	146	2239514	15.716	ppbv	100
76) 1,4-Dichlorobenzene	17.108	146	2183222	15.861	ppbv	100
77) 1,2-Dichlorobenzene	17.786	146	2136664	16.014	ppbv	99
78) Hexachloro-1,3-Butadiene	23.342	225	1430527	15.352	ppbv	99
79) Naphthalene	22.156	128	2833740	22.288	ppbv	100
80) Naphthalene,2-methyl-	24.947	142	784578	48.351	ppbv	99
81) 1,2,4-Trichlorobenzene	21.886	180	1547772	20.557	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.648 min Scan# 890
Delta R.T. 0.000 min
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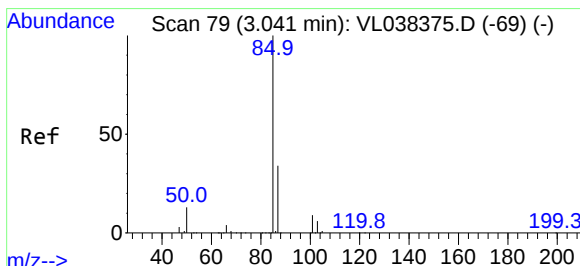
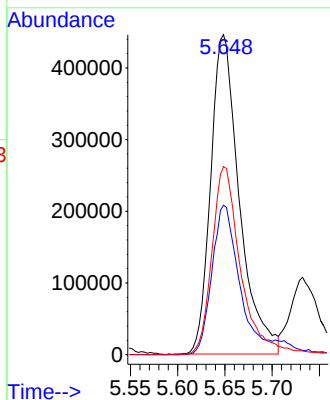
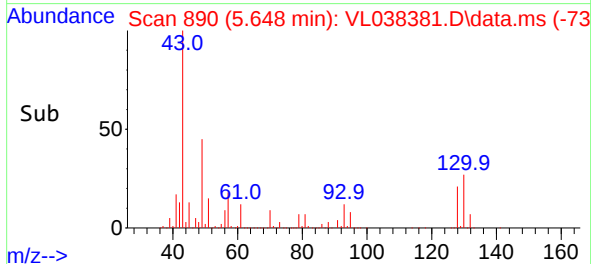
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



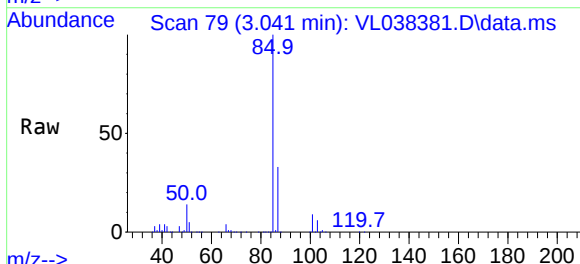
Tgt Ion: 49 Resp: 93965
Ion Ratio Lower Upper
49 100
128 49.7 24.3 72.9
130 59.8 30.1 90.5

Manual Integrations
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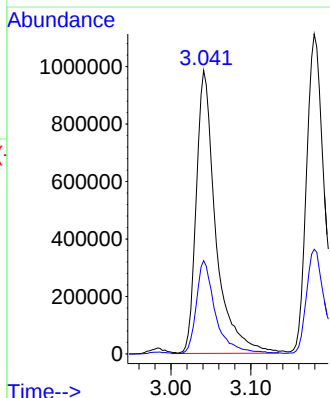
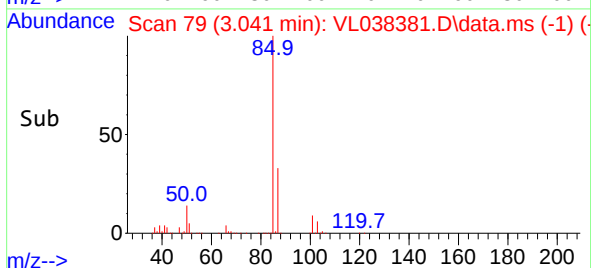
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

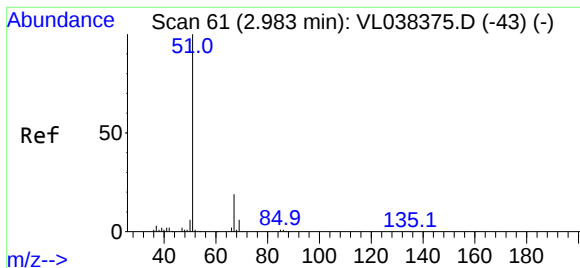


#2
Dichlorodifluoromethane
Concen: 8.916 ppbv
RT: 3.041 min Scan# 79
Delta R.T. 0.000 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56



Tgt Ion: 85 Resp: 1677132
Ion Ratio Lower Upper
85 100
87 32.9 27.4 41.0





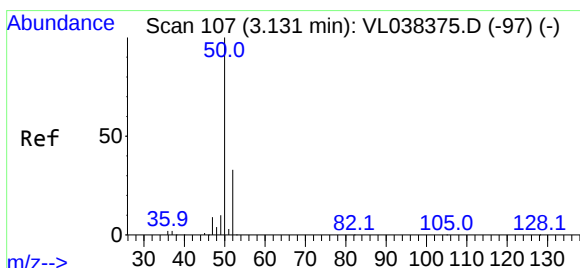
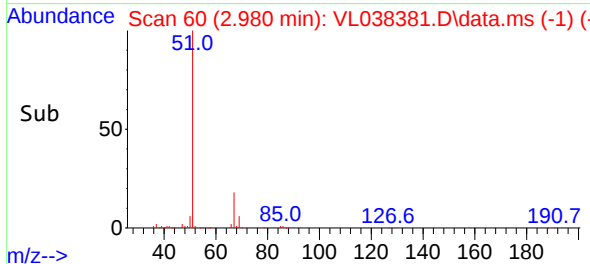
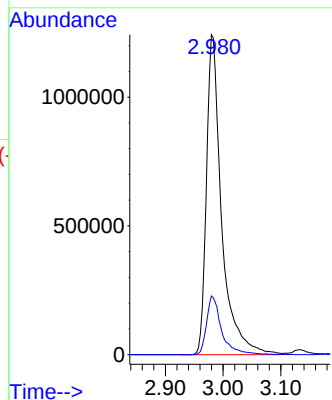
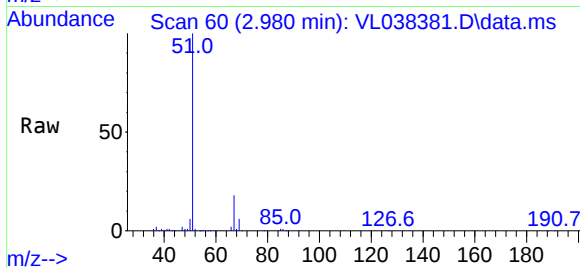
#3
Chlorodifluoromethane
Concen: 12.446 ppbv
RT: 2.980 min Scan# 60
Delta R.T. -0.003 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

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MSVOA_L
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Tgt Ion: 51 Resp: 226526
Ion Ratio Lower Upper
51 100
67 18.3 14.7 22.1

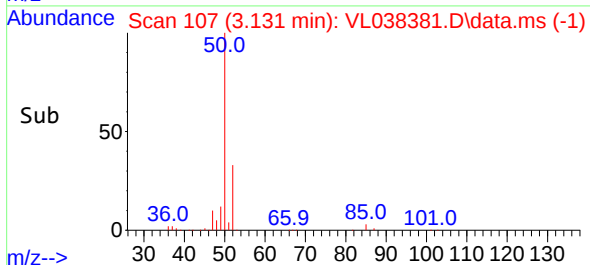
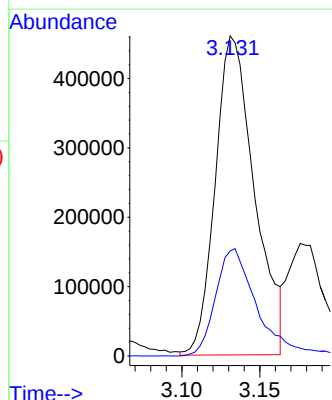
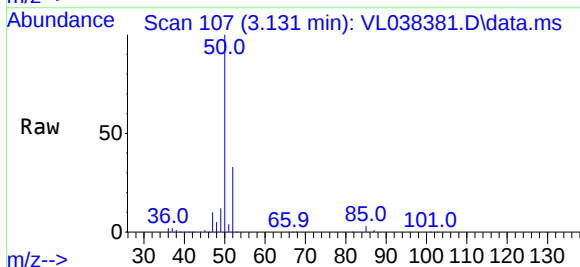
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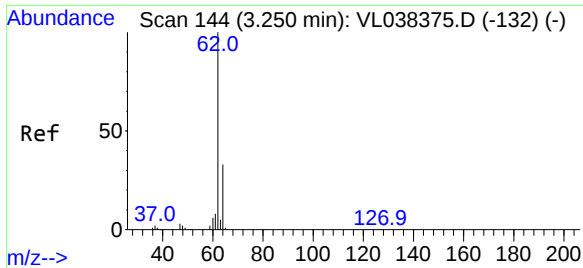
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#4
Chloromethane
Concen: 12.889 ppbv
RT: 3.131 min Scan# 107
Delta R.T. 0.000 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

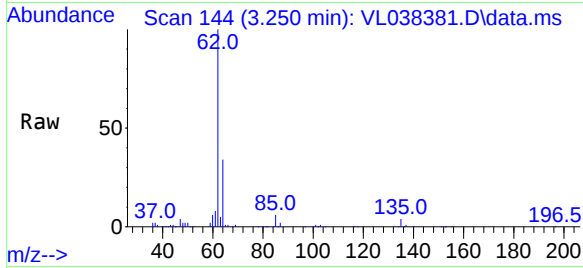
Tgt Ion: 50 Resp: 808134
Ion Ratio Lower Upper
50 100
52 33.2 26.5 39.7





#5
 Vinyl Chloride
 Concen: 12.790 ppbv
 RT: 3.250 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VL038381.D
 Acq: 22 Feb 2022 7:56

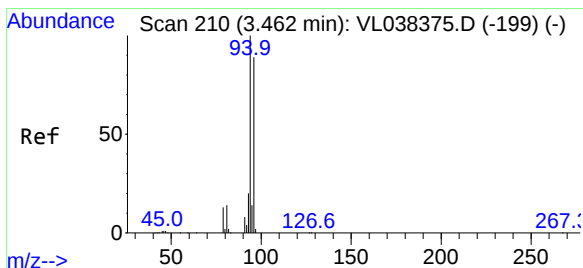
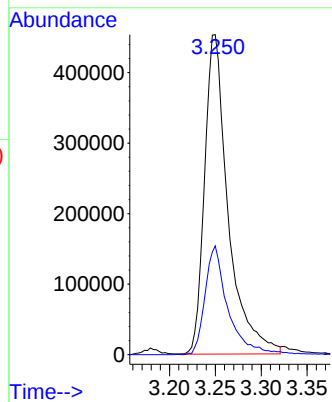
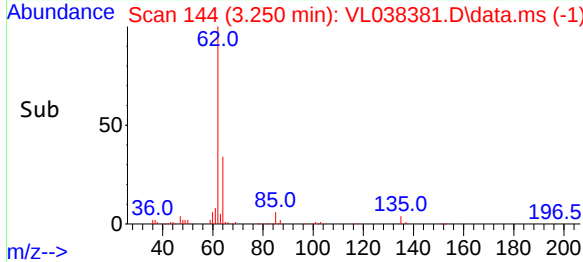
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



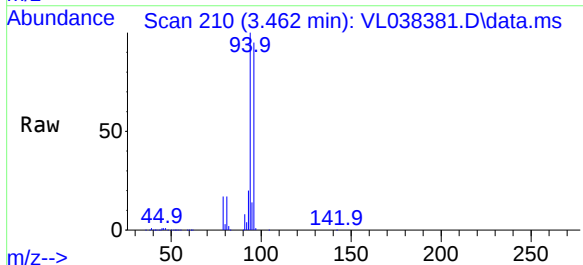
Tgt Ion: 62 Resp: 810944
 Ion Ratio Lower Upper
 62 100
 64 34.1 26.2 39.2

Manual Integrations
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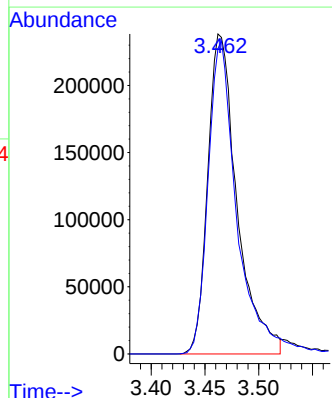
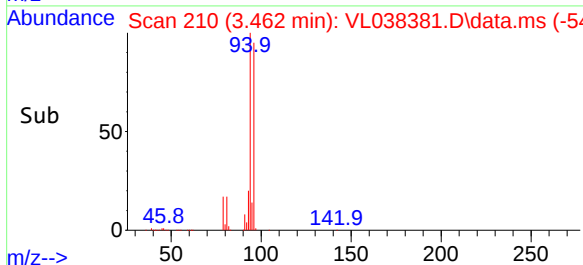
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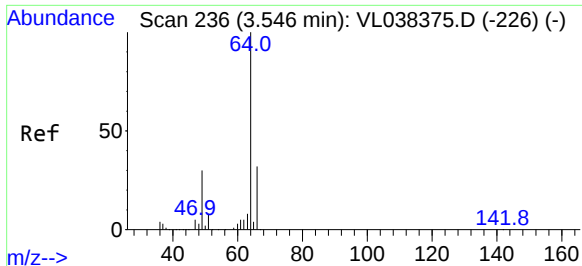


#6
 Bromomethane
 Concen: 13.449 ppbv
 RT: 3.462 min Scan# 210
 Delta R.T. 0.000 min
 Lab File: VL038381.D
 Acq: 22 Feb 2022 7:56



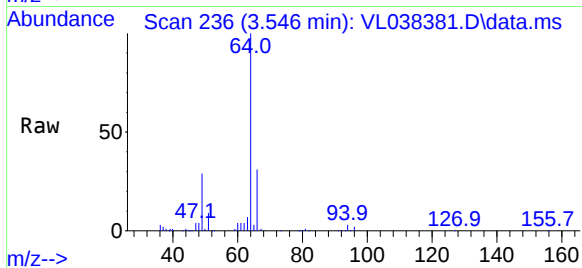
Tgt Ion: 94 Resp: 452016
 Ion Ratio Lower Upper
 94 100
 96 95.4 71.0 106.6





#7
Chloroethane
Concen: 13.905 ppbv
RT: 3.546 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

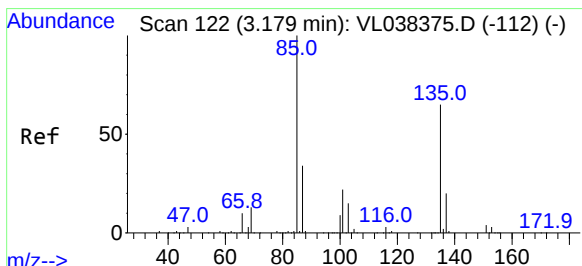
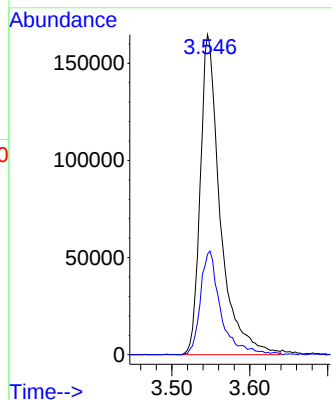
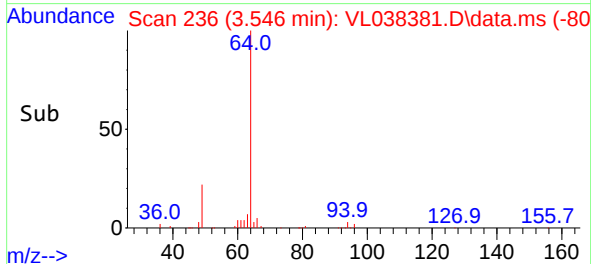
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



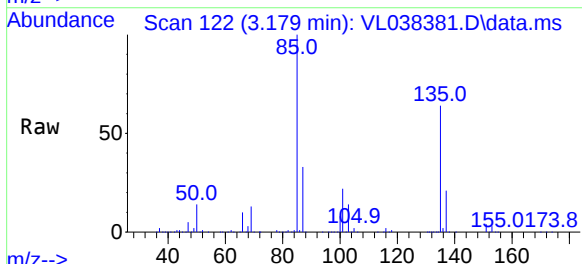
Tgt Ion: 64 Resp: 29316
Ion Ratio Lower Upper
64 100
66 31.4 25.9 38.9

Manual Integrations
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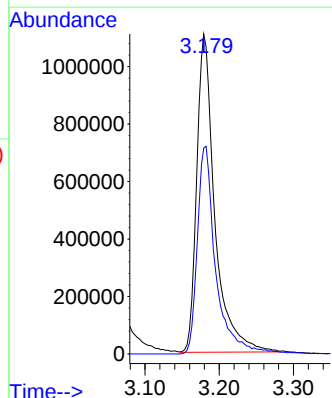
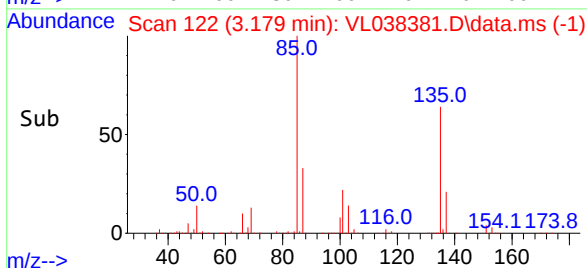
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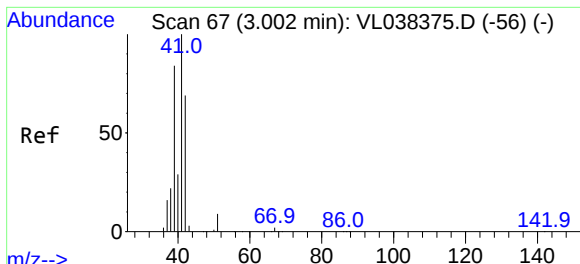


#8
Dichlorotetrafluoroethane
Concen: 12.399 ppbv
RT: 3.179 min Scan# 122
Delta R.T. 0.000 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56



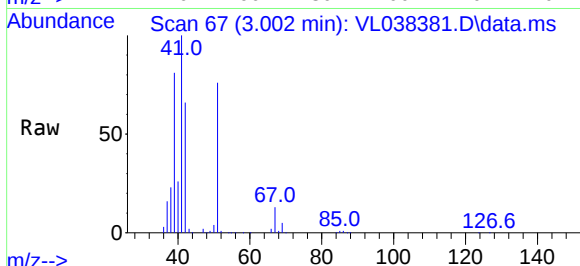
Tgt Ion: 85 Resp: 1875259
Ion Ratio Lower Upper
85 100
135 67.0 54.1 81.1





#9
 Propene
 Concen: 12.984 ppbv
 RT: 3.002 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL038381.D
 Acq: 22 Feb 2022 7:56

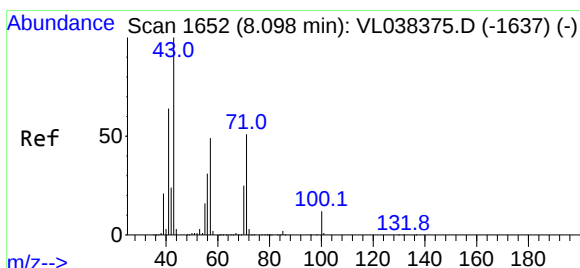
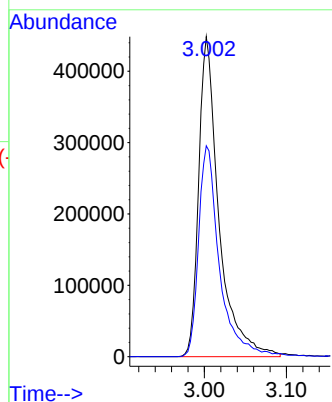
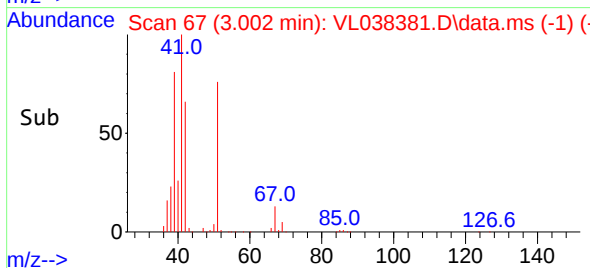
Instrument :
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 VSTDIC015



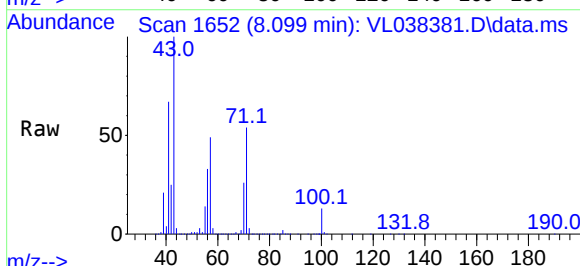
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 Ion Ratio Lower Upper
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 42 68.7 54.6 82.0

Manual Integrations
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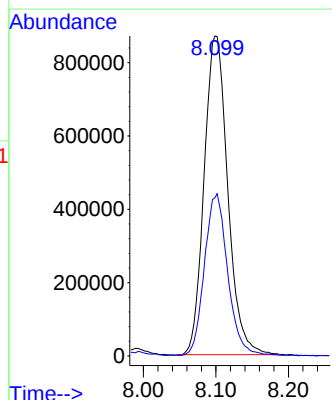
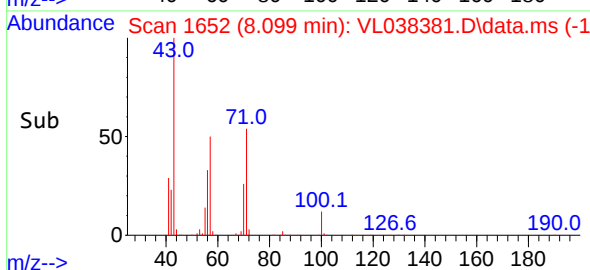
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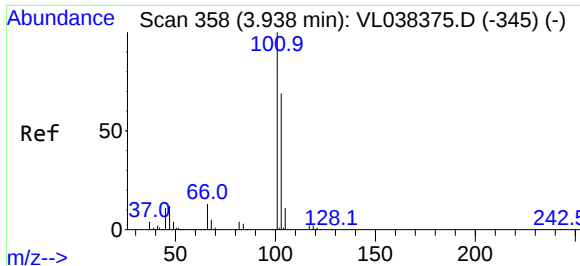


#10
 Heptane
 Concen: 12.942 ppbv
 RT: 8.099 min Scan# 1652
 Delta R.T. 0.000 min
 Lab File: VL038381.D
 Acq: 22 Feb 2022 7:56



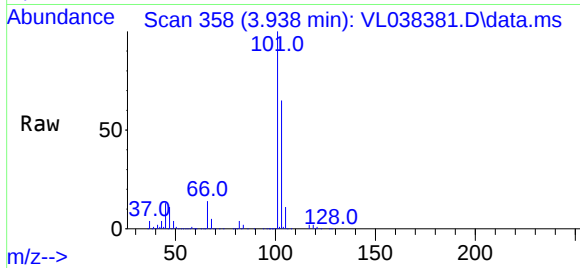
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 Ion Ratio Lower Upper
 43 100
 57 50.3 39.8 59.8





#11
 Trichlorofluoromethane
 Concen: 13.072 ppbv
 RT: 3.938 min Scan# 358
 Delta R.T. 0.000 min
 Lab File: VL038381.D
 Acq: 22 Feb 2022 7:56

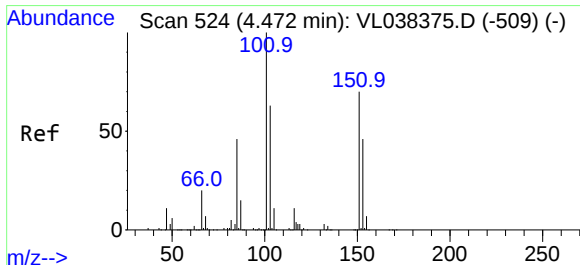
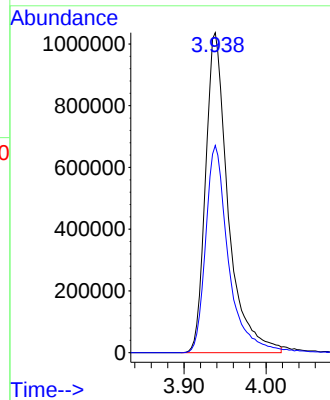
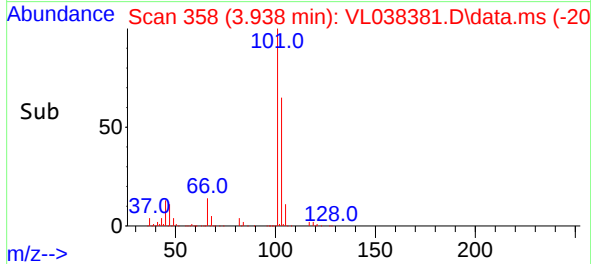
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



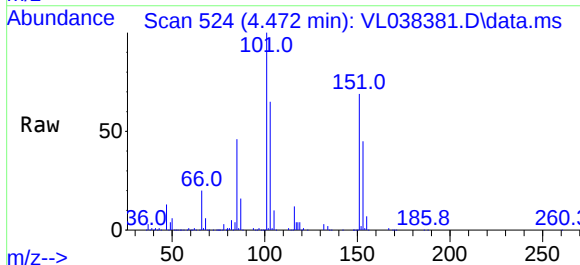
Tgt Ion:101 Resp: 1985288
 Ion Ratio Lower Upper
 101 100
 103 64.8 55.0 82.4

Manual Integrations
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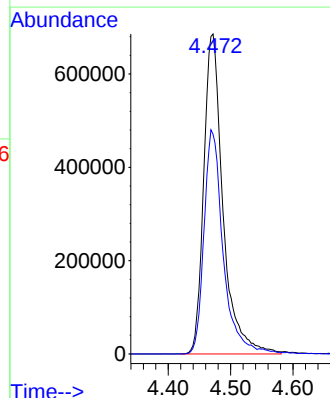
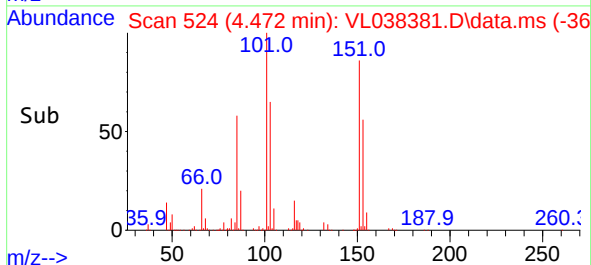
Reviewed By :Semsettin Yesilyurt 02/23/2022
 Supervised By :Amit Patel 02/23/2022

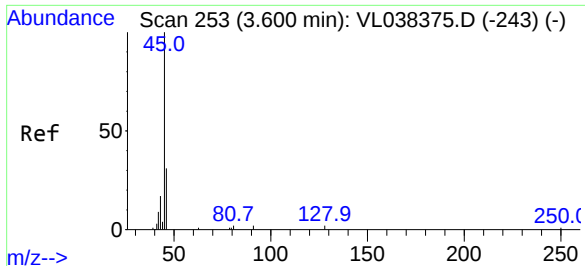


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 12.838 ppbv
 RT: 4.472 min Scan# 524
 Delta R.T. 0.000 min
 Lab File: VL038381.D
 Acq: 22 Feb 2022 7:56



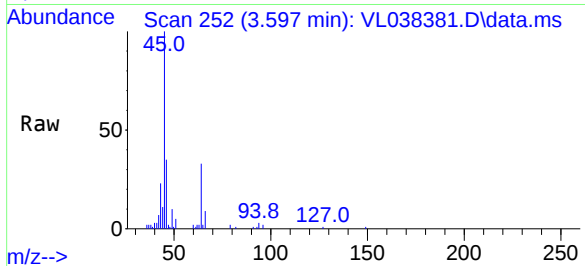
Tgt Ion:101 Resp: 1473216
 Ion Ratio Lower Upper
 101 100
 151 70.0 55.9 83.9





#13
Ethanol
Concen: 10.876 ppbv
RT: 3.597 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

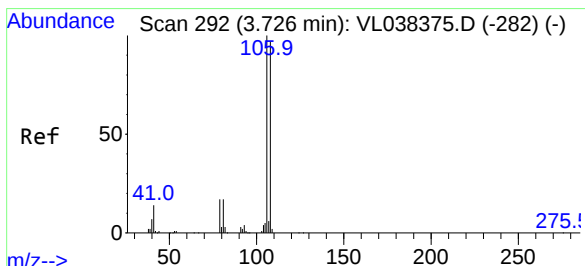
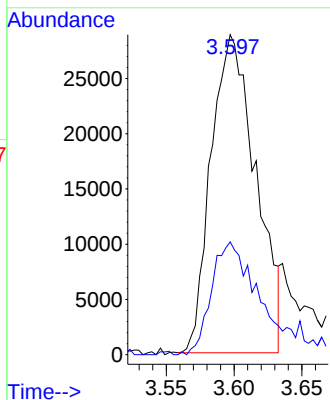
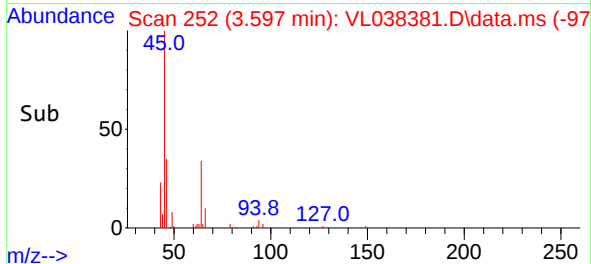
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



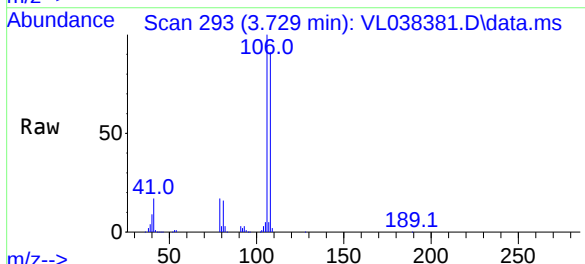
Tgt Ion: 45 Resp: 6614
Ion Ratio Lower Upper
45 100
46 42.1 18.2 72.8

Manual Integrations
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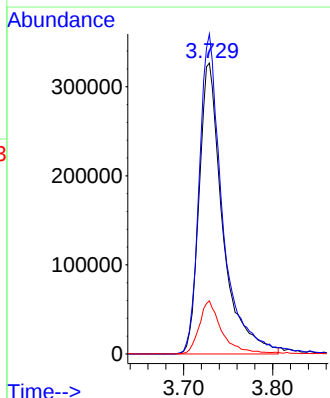
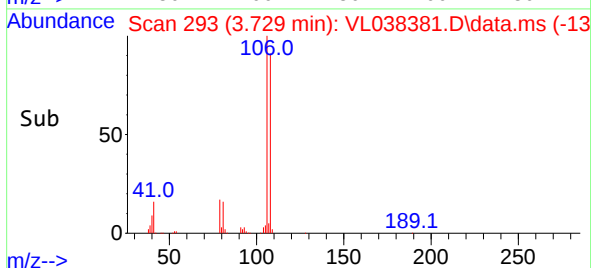
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

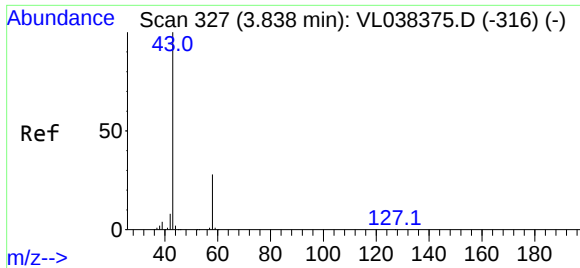


#14
Bromoethene
Concen: 13.361 ppbv
RT: 3.729 min Scan# 293
Delta R.T. 0.003 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56



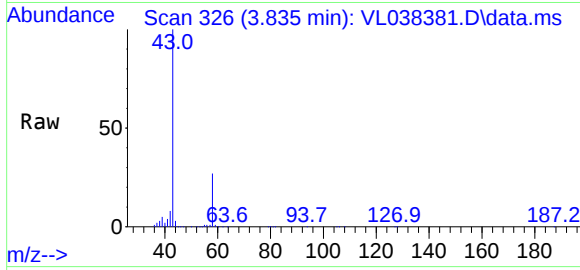
Tgt Ion:108 Resp: 599981
Ion Ratio Lower Upper
108 100
106 110.2 88.4 132.6
79 18.1 15.0 22.6





#15
Acetone
Concen: 12.456 ppbv
RT: 3.835 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

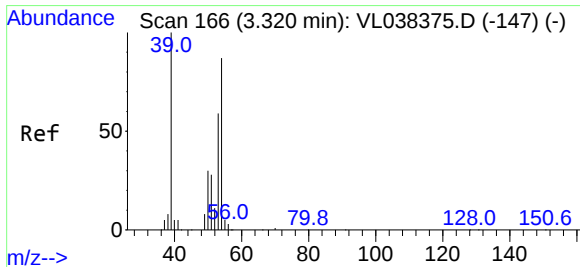
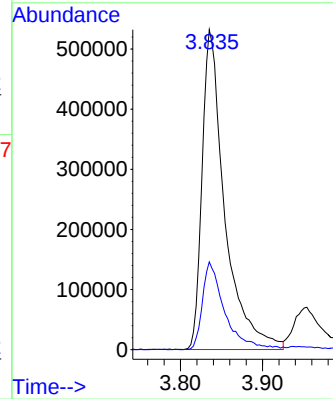
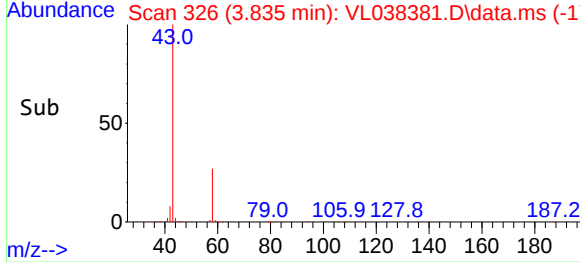
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



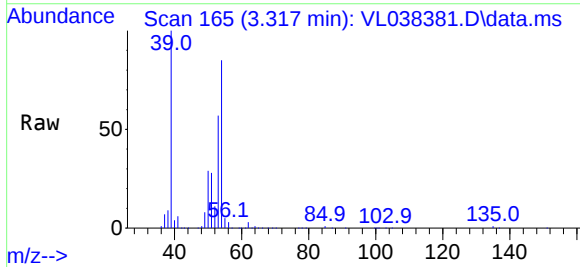
Tgt Ion: 43 Resp: 101800
Ion Ratio Lower Upper
43 100
58 27.0 21.7 32.5

Manual Integrations
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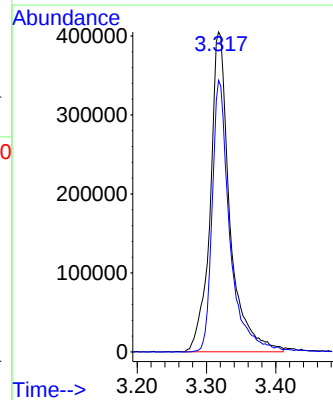
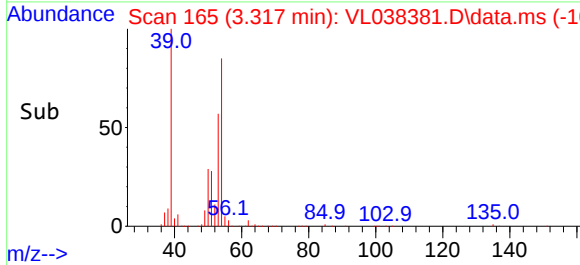
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

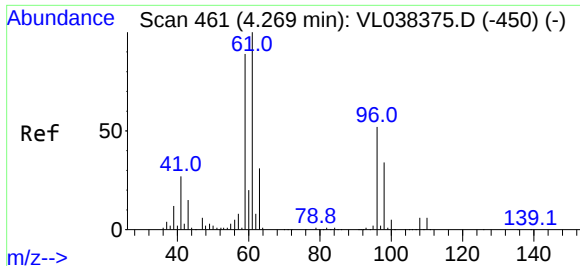


#16
1,3-Butadiene
Concen: 13.666 ppbv
RT: 3.317 min Scan# 165
Delta R.T. -0.003 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56



Tgt Ion: 39 Resp: 796350
Ion Ratio Lower Upper
39 100
54 77.0 60.3 90.5





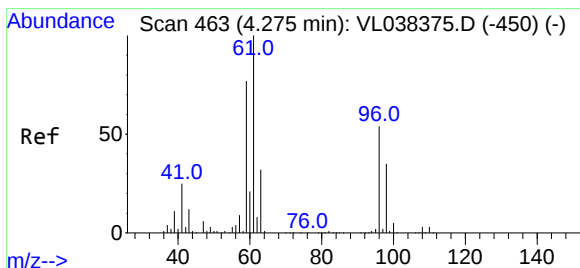
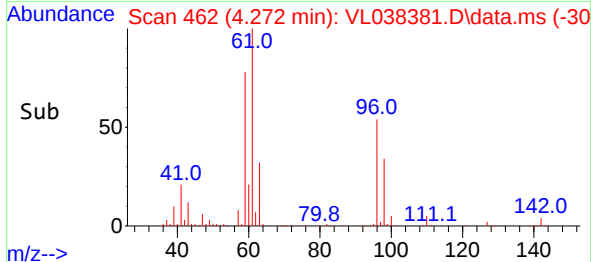
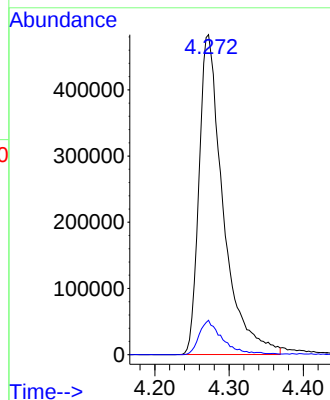
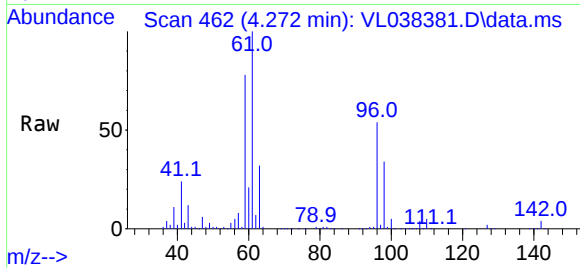
#17
tert-Butyl alcohol
Concen: 12.389 ppbv
RT: 4.272 min Scan# 462
Delta R.T. 0.003 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 59 Resp: 108965
Ion Ratio Lower Upper
59 100
57 10.6 8.4 12.6

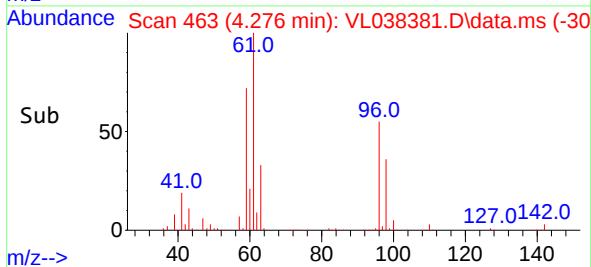
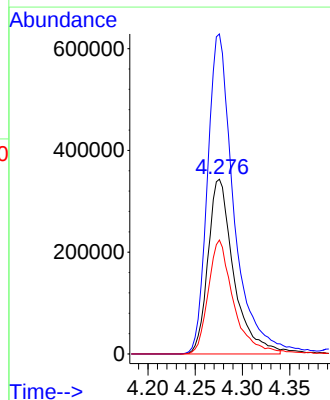
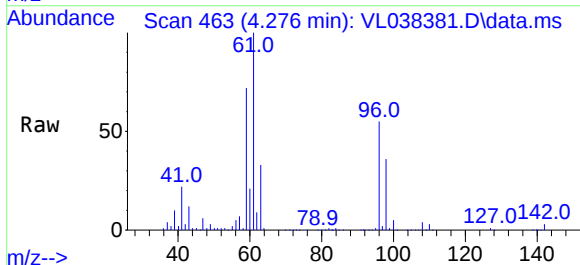
Manual Integrations
APPROVED

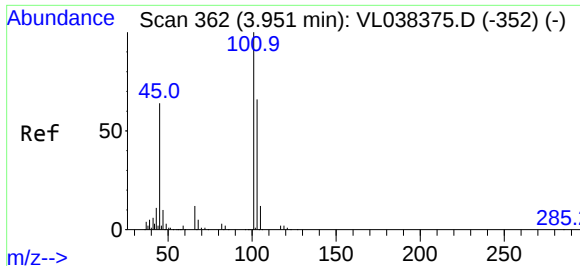
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#18
1,1-Dichloroethene
Concen: 13.098 ppbv
RT: 4.276 min Scan# 463
Delta R.T. 0.000 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion: 96 Resp: 650099
Ion Ratio Lower Upper
96 100
61 183.1 146.8 220.2
98 65.2 51.5 77.3





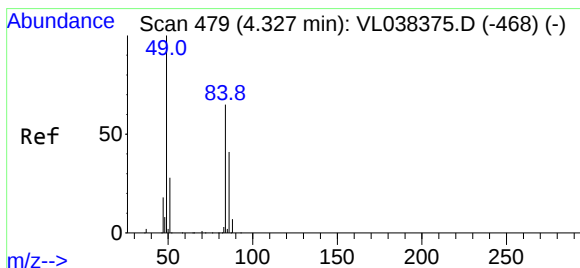
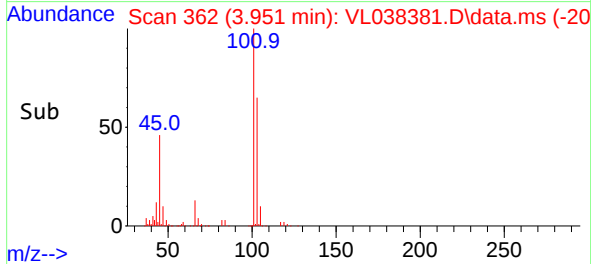
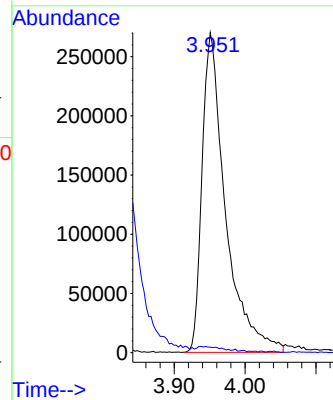
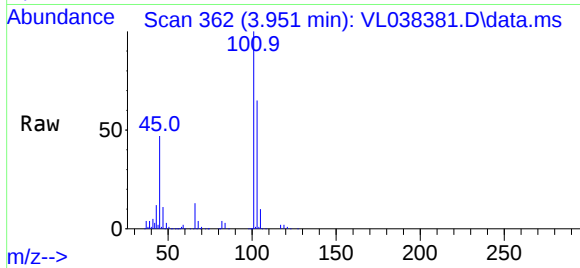
#19
Isopropyl Alcohol
Concen: 12.292 ppbv
RT: 3.951 min Scan# 362
Delta R.T. 0.000 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 45 Resp: 619992
Ion Ratio Lower Upper
45 100
58 2.4 1.8 2.8

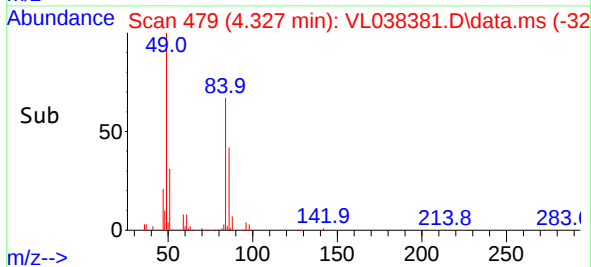
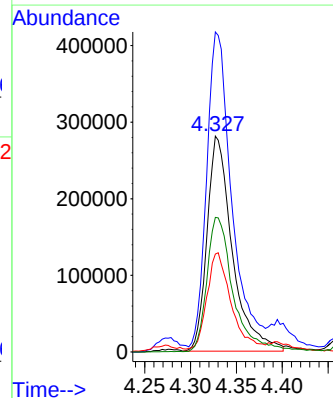
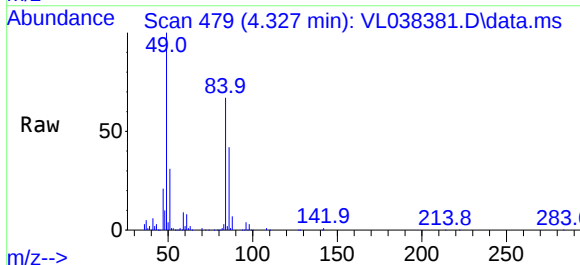
Manual Integrations
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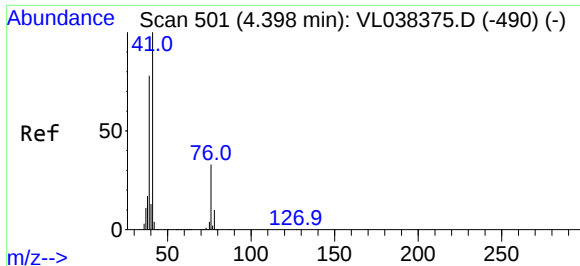
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#20
Methylene Chloride
Concen: 11.552 ppbv
RT: 4.327 min Scan# 479
Delta R.T. 0.000 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion: 84 Resp: 540144
Ion Ratio Lower Upper
84 100
49 145.7 122.4 183.6
51 44.0 33.3 49.9
86 62.4 50.7 76.1





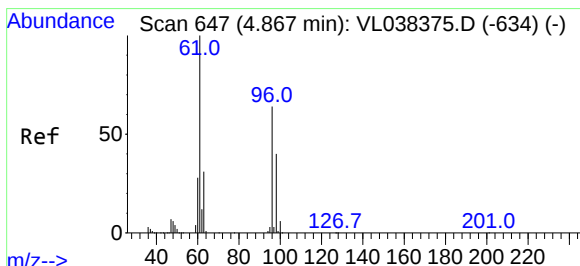
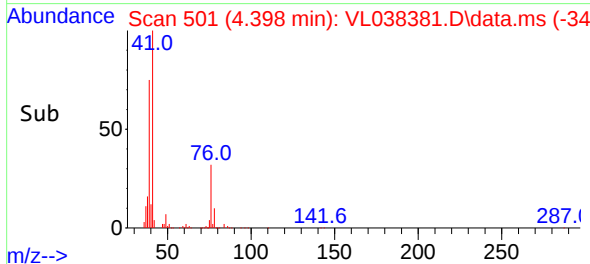
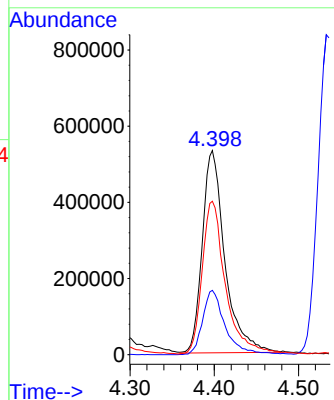
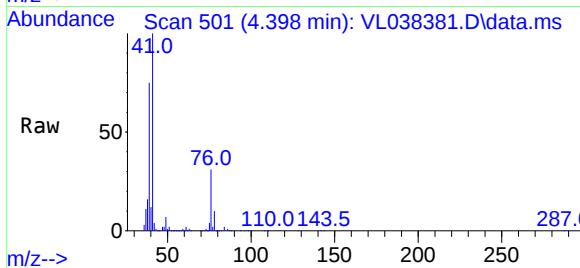
#21
 Allyl Chloride
 Concen: 13.955 ppbv
 RT: 4.398 min Scan# 501
 Delta R.T. 0.000 min
 Lab File: VL038381.D
 Acq: 22 Feb 2022 7:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Tgt Ion: 41 Resp: 991268
 Ion Ratio Lower Upper
 41 100
 76 31.9 25.4 38.0
 39 78.2 63.0 94.6

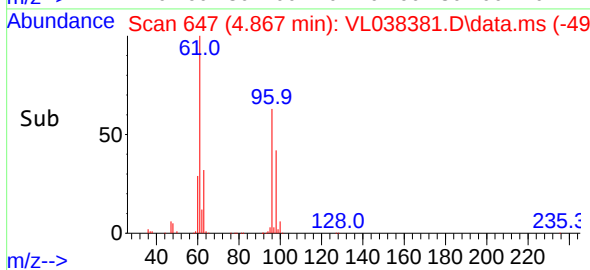
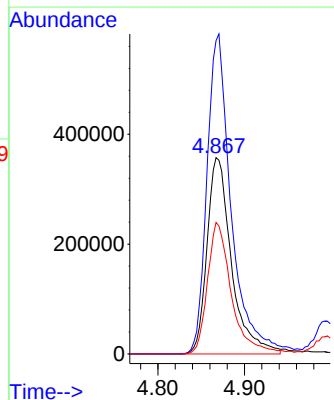
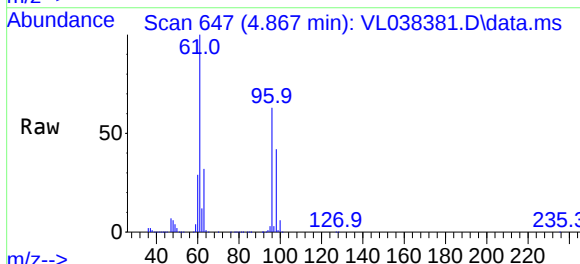
Manual Integrations
 APPROVED

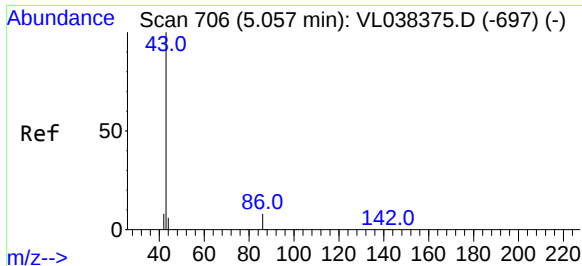
Reviewed By :Semsettin Yesilyurt 02/23/2022
 Supervised By :Amit Patel 02/23/2022



#22
 trans-1,2-Dichloroethene
 Concen: 13.653 ppbv
 RT: 4.867 min Scan# 647
 Delta R.T. 0.000 min
 Lab File: VL038381.D
 Acq: 22 Feb 2022 7:56

Tgt Ion: 96 Resp: 703309
 Ion Ratio Lower Upper
 96 100
 61 159.5 124.2 186.4
 98 66.9 49.1 73.7





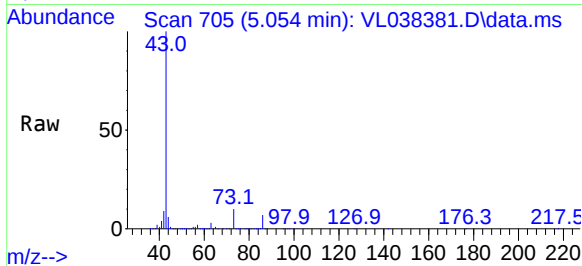
#23
 Vinyl Acetate
 Concen: 13.489 ppbv
 RT: 5.054 min Scan# 706
 Delta R.T. -0.003 min
 Lab File: VL038381.D
 Acq: 22 Feb 2022 7:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015



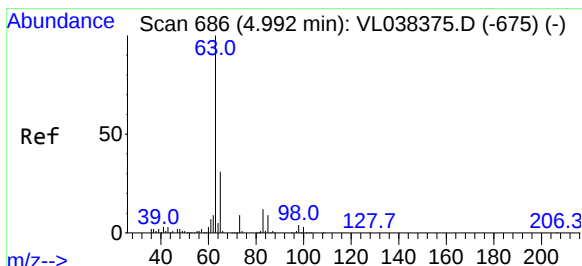
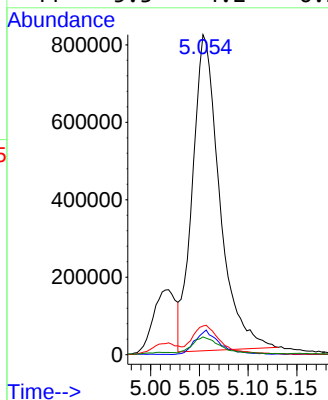
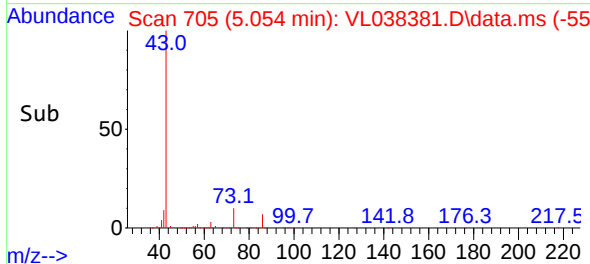
Tgt Ion: 43 Resp: 1576174

Ion	Ratio	Lower	Upper
43	100		
86	6.8	5.8	8.6
42	8.9	7.4	11.0
44	5.3	4.2	6.2

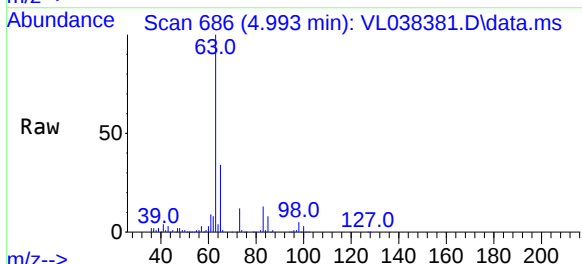
Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/23/2022
 Supervised By :Amit Patel 02/23/2022

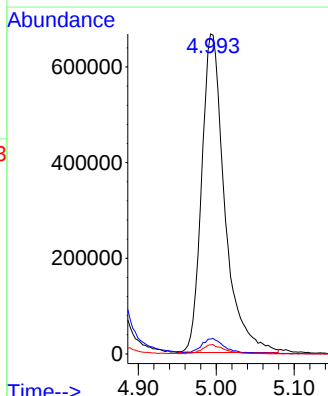
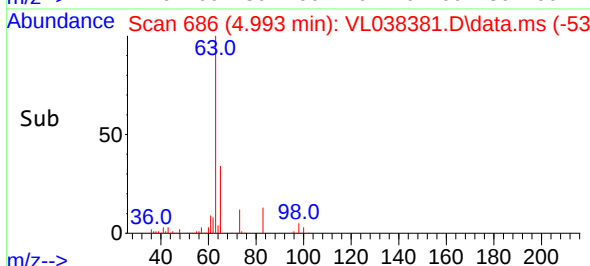


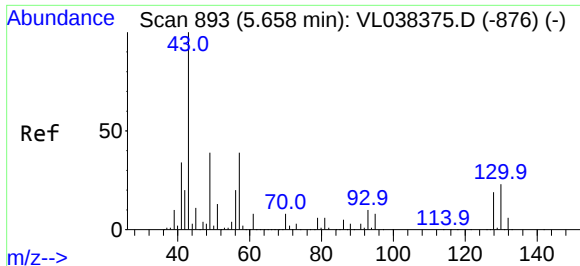
#24
 1,1-Dichloroethane
 Concen: 13.103 ppbv
 RT: 4.993 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VL038381.D
 Acq: 22 Feb 2022 7:56



Tgt Ion: 63 Resp: 1365495

Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.1	6.5
100	2.8	1.4	4.2





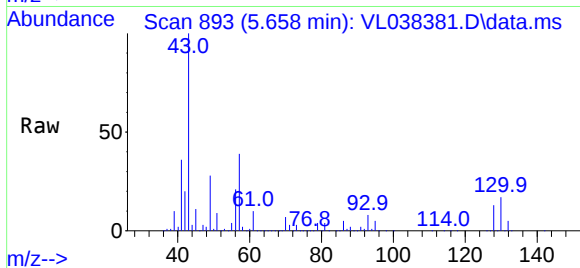
#25
Ethyl Acetate
Concen: 13.241 ppbv
RT: 5.658 min Scan# 893
Delta R.T. 0.000 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015



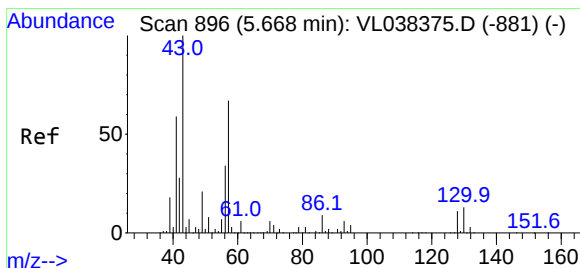
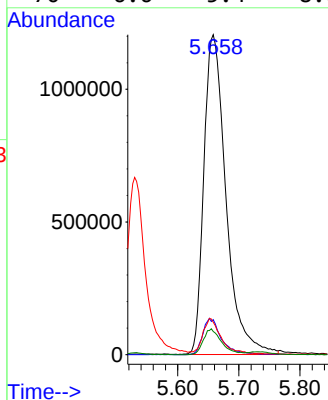
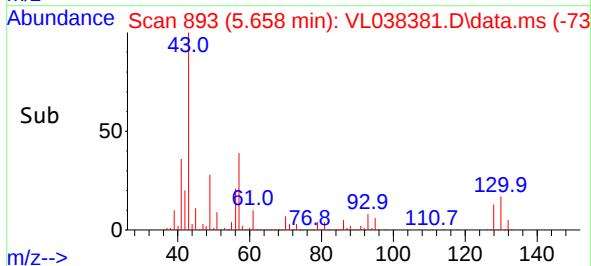
Tgt Ion: 43 Resp: 303710

Ion	Ratio	Lower	Upper
43	100		
45	9.8	7.8	11.6
61	9.8	7.5	11.3
70	6.6	5.4	8.0

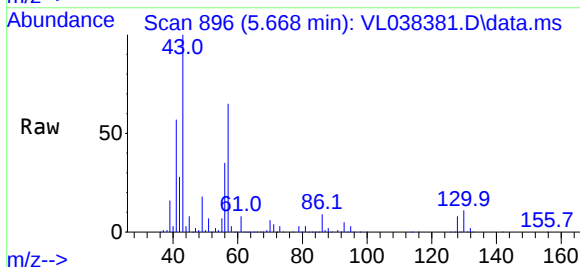
Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

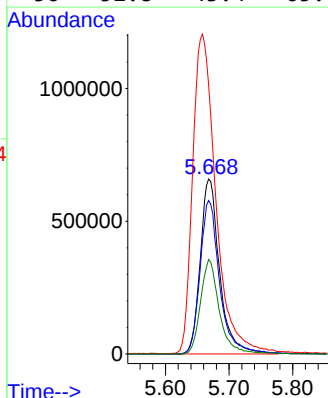
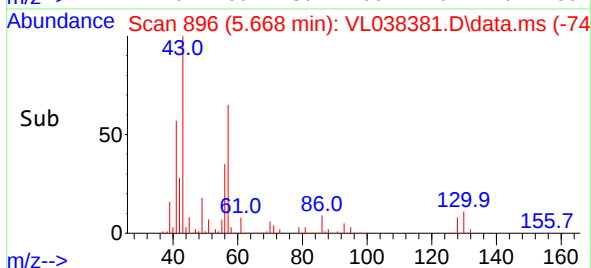


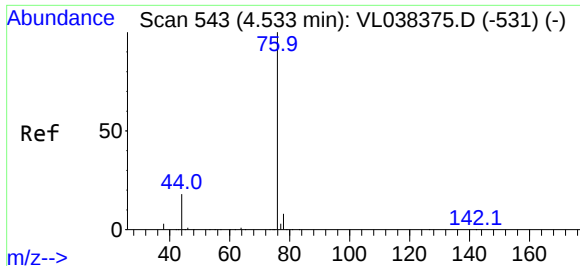
#26
Hexane
Concen: 13.079 ppbv
RT: 5.668 min Scan# 896
Delta R.T. 0.000 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56



Tgt Ion: 57 Resp: 1387941

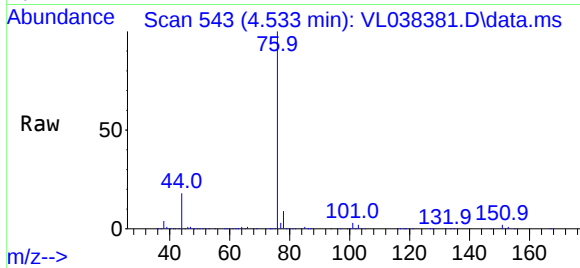
Ion	Ratio	Lower	Upper
57	100		
41	89.9	73.1	109.7
43	221.4	181.0	271.4
56	52.8	43.4	65.0





#27
Carbon Disulfide
Concen: 13.525 ppbv
RT: 4.533 min Scan# 54
Delta R.T. 0.000 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

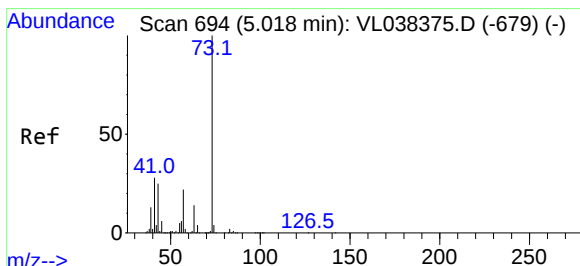
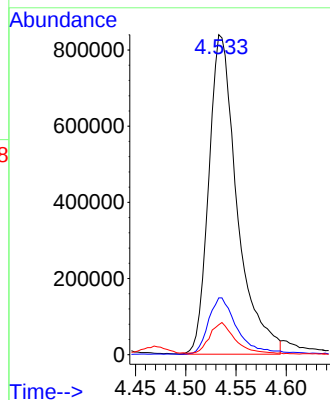
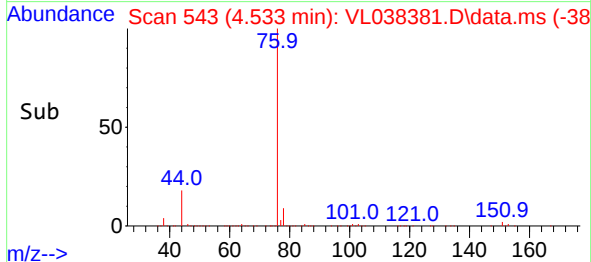
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 76 Resp: 1644704
Ion Ratio Lower Upper
76 100
44 18.7 14.2 21.2
78 10.1 7.8 11.6

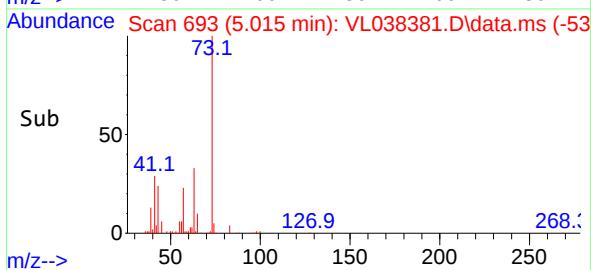
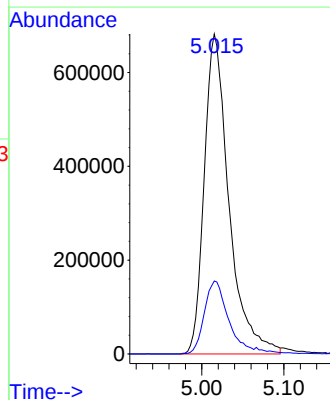
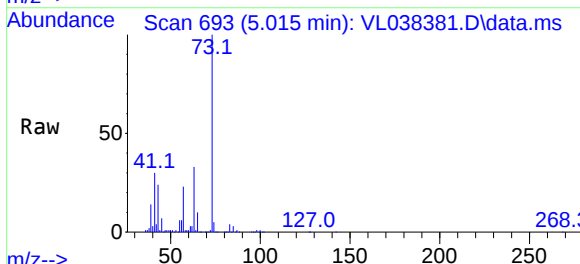
Manual Integrations
APPROVED

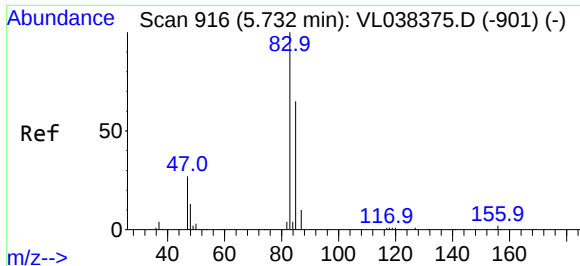
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#28
Methyl tert-Butyl Ether
Concen: 13.116 ppbv
RT: 5.015 min Scan# 693
Delta R.T. -0.003 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

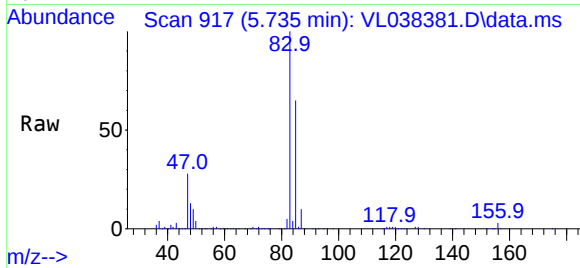
Tgt Ion: 73 Resp: 1426199
Ion Ratio Lower Upper
73 100
57 23.3 18.2 27.4





#29
Chloroform
Concen: 13.128 ppbv
RT: 5.735 min Scan# 916
Delta R.T. 0.003 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

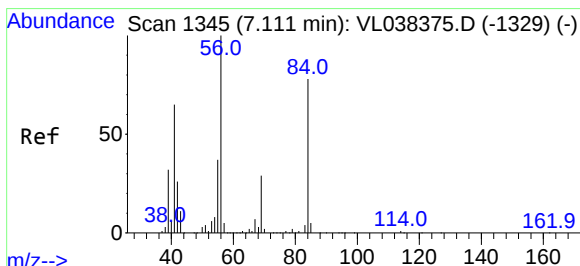
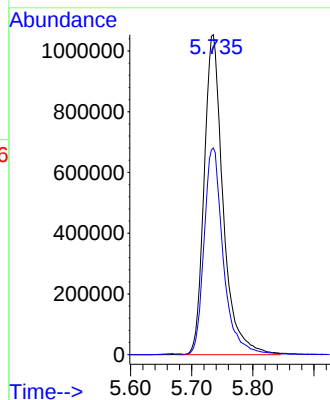
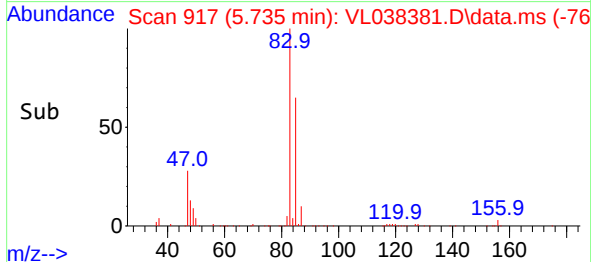
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



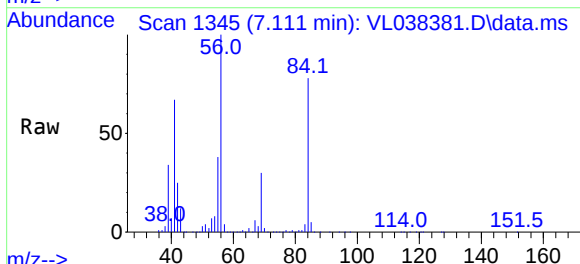
Tgt Ion: 83 Resp: 2269690
Ion Ratio Lower Upper
83 100
85 64.4 51.6 77.4

Manual Integrations
APPROVED

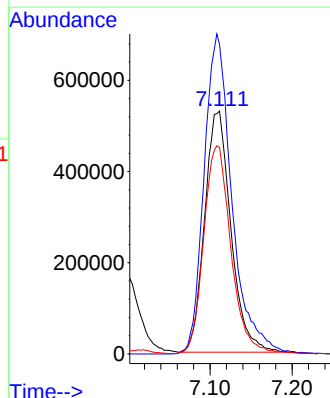
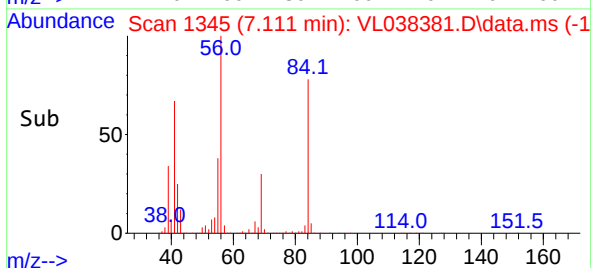
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

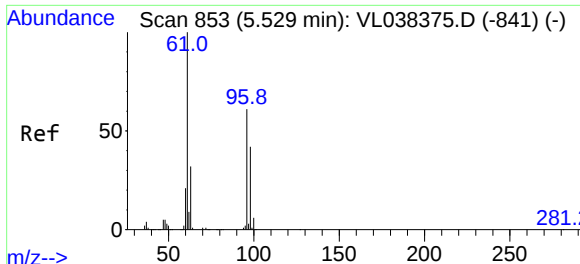


#30
Cyclohexane
Concen: 13.017 ppbv
RT: 7.111 min Scan# 1345
Delta R.T. 0.000 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56



Tgt Ion: 84 Resp: 1180025
Ion Ratio Lower Upper
84 100
56 141.1 116.2 174.4
41 89.8 74.3 111.5





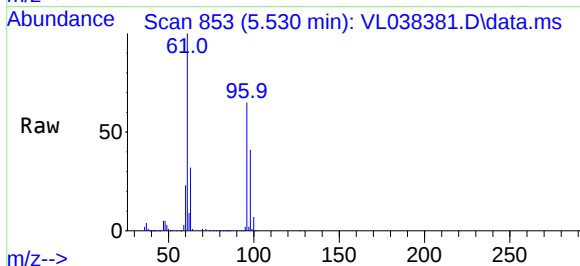
#31
cis-1,2-Dichloroethene
Concen: 14.403 ppbv
RT: 5.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

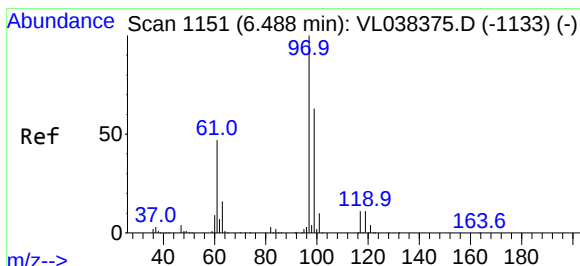
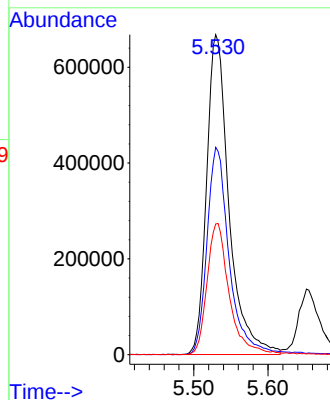
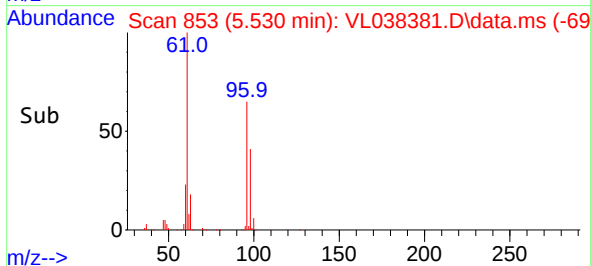


Tgt Ion: 61 Resp: 1395069
Ion Ratio Lower Upper
61 100
96 64.8 48.6 73.0
98 40.9 33.2 49.8

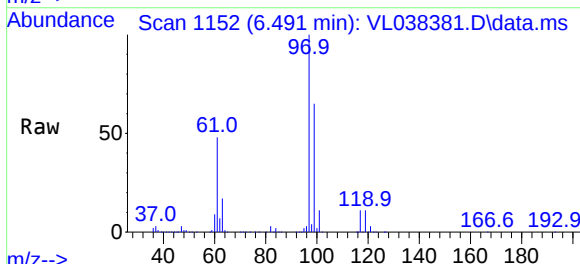
Manual Integrations

APPROVED

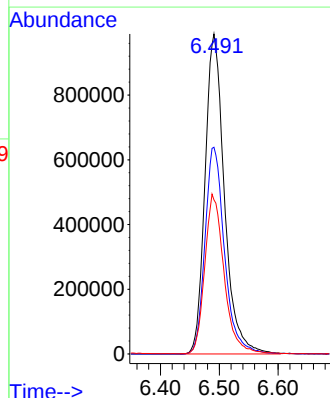
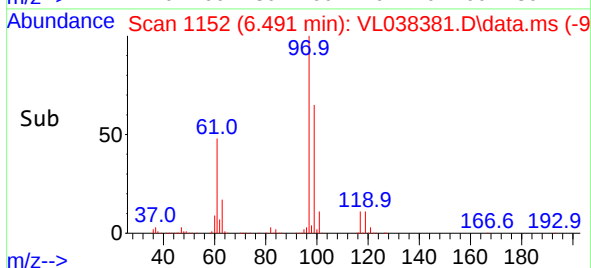
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

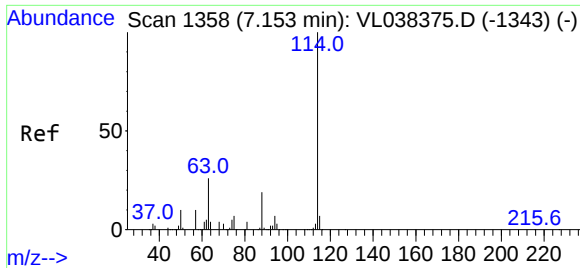


#32
1,1,1-Trichloroethane
Concen: 13.108 ppbv
RT: 6.491 min Scan# 1152
Delta R.T. 0.003 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56



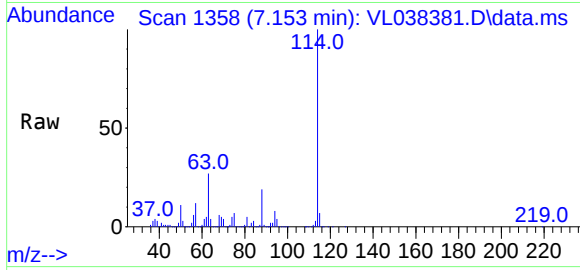
Tgt Ion: 97 Resp: 2262111
Ion Ratio Lower Upper
97 100
99 65.3 51.9 77.9
61 50.2 40.5 60.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.153 min Scan# 1114
Delta R.T. 0.000 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

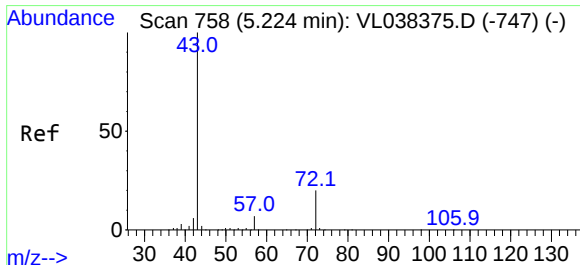
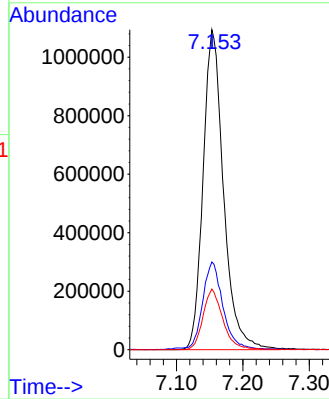
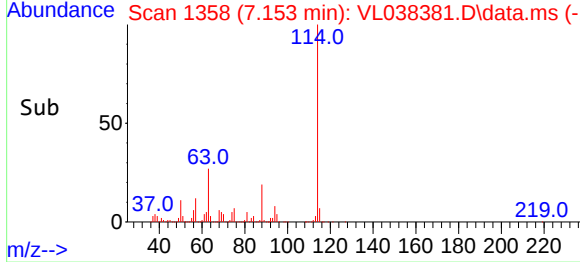
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion:114 Resp: 2346058
Ion Ratio Lower Upper
114 100
63 27.7 22.2 33.2
88 18.4 15.2 22.8

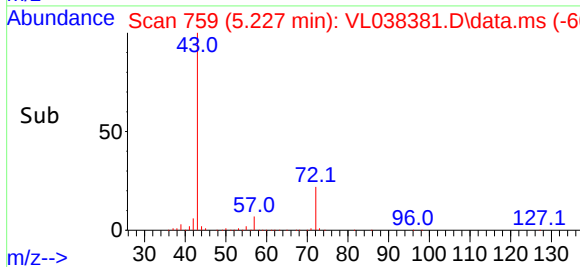
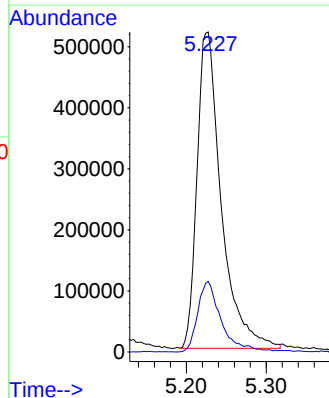
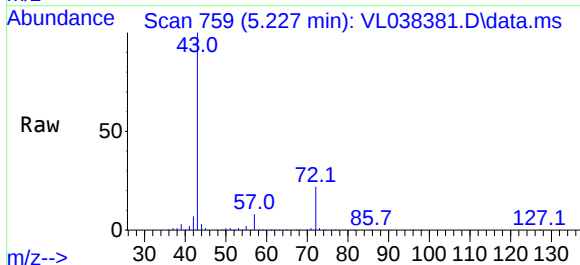
Manual Integrations
APPROVED

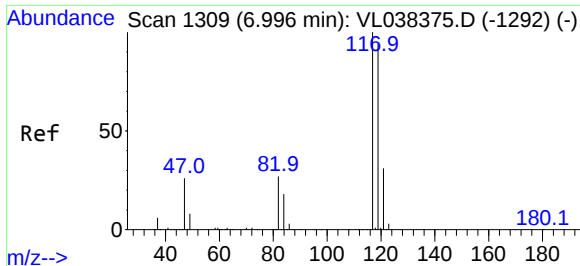
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#34
2-Butanone
Concen: 14.090 ppbv
RT: 5.227 min Scan# 759
Delta R.T. 0.003 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

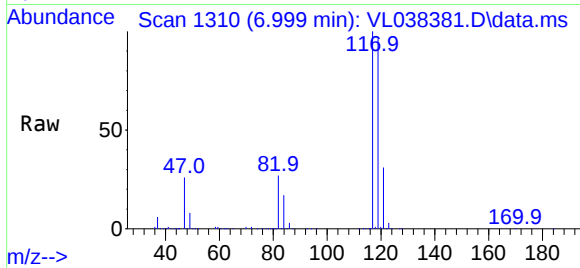
Tgt Ion: 43 Resp: 1091350
Ion Ratio Lower Upper
43 100
72 22.1 17.4 26.2





#35
Carbon Tetrachloride
Concen: 14.346 ppbv
RT: 6.999 min Scan# 1117
Delta R.T. 0.003 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

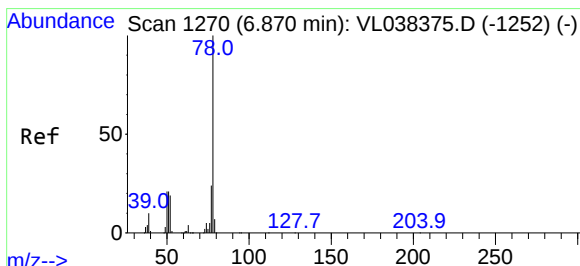
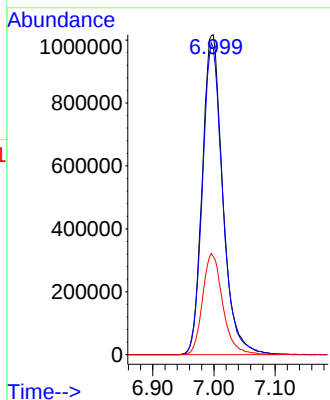
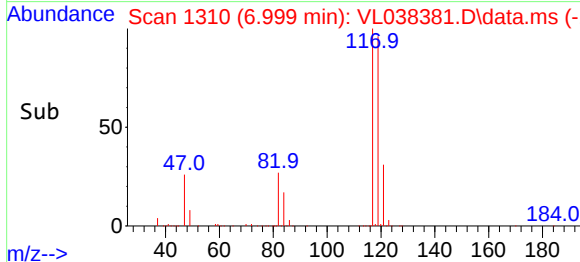
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



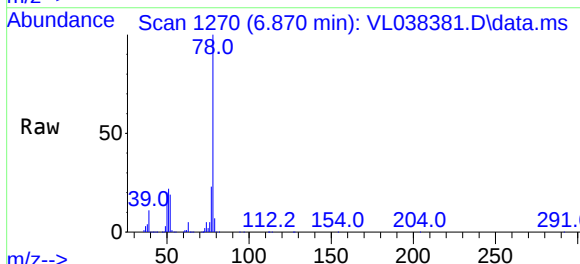
Tgt Ion:117 Resp: 2368725
Ion Ratio Lower Upper
117 100
119 96.1 74.9 112.3
121 30.7 24.8 37.2

Manual Integrations
APPROVED

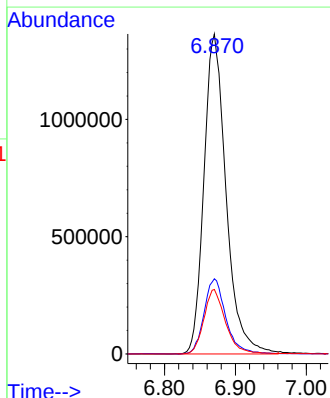
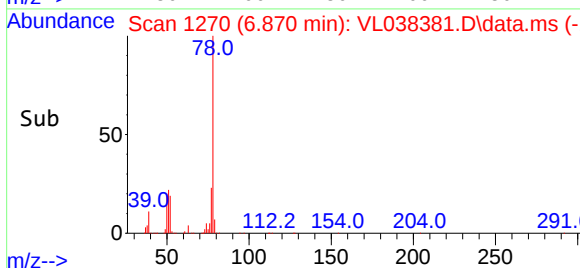
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

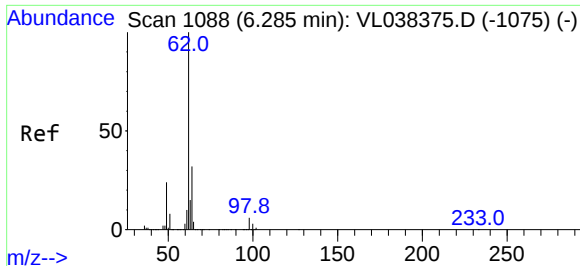


#36
Benzene
Concen: 14.198 ppbv
RT: 6.870 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56



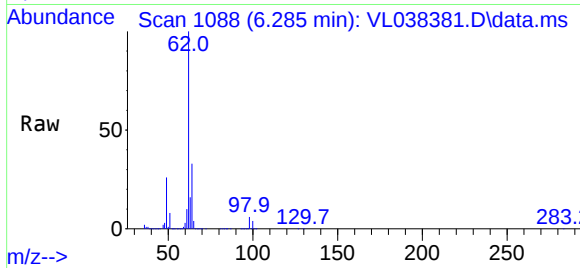
Tgt Ion: 78 Resp: 2959785
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6
50 20.1 16.6 24.8





#37
1,2-Dichloroethane
Concen: 14.653 ppbv
RT: 6.285 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

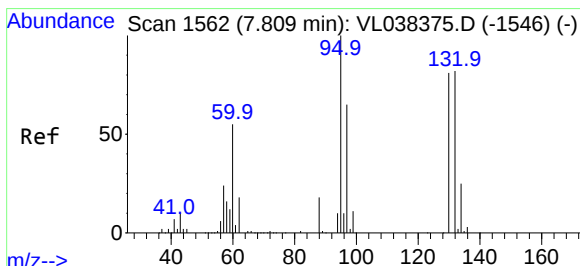
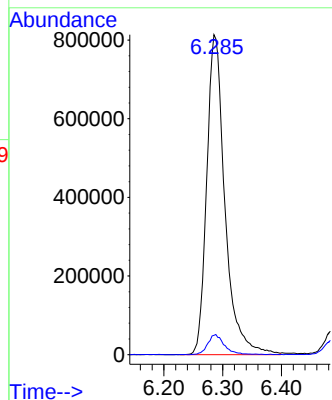
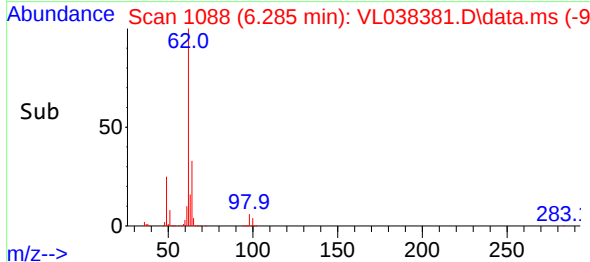
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



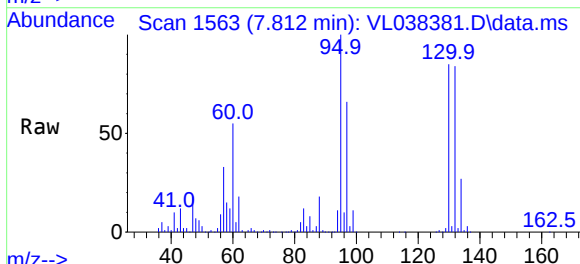
Tgt Ion: 62 Resp: 1750375
Ion Ratio Lower Upper
62 100
98 5.9 4.6 7.0

Manual Integrations
APPROVED

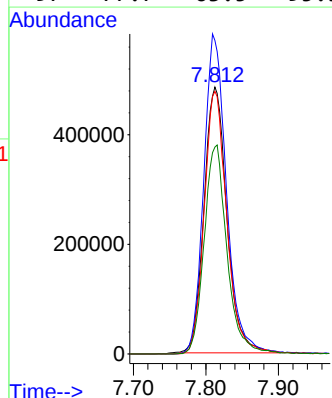
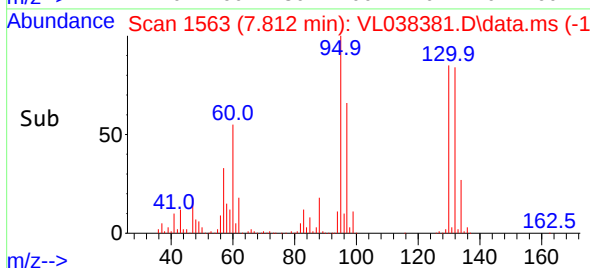
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

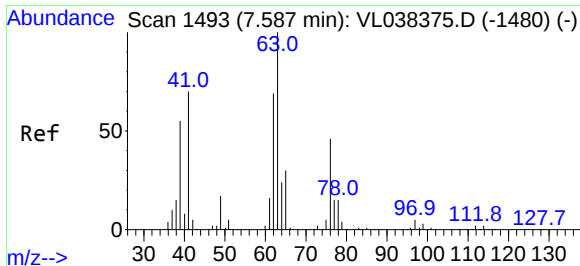


#38
Trichloroethene
Concen: 13.743 ppbv
RT: 7.812 min Scan# 1563
Delta R.T. 0.003 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56



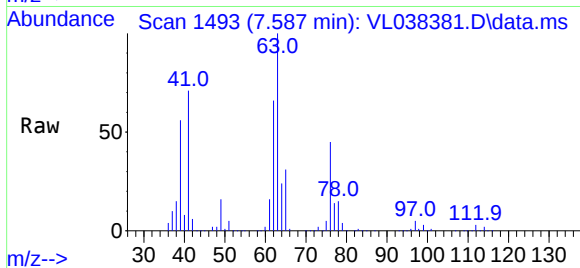
Tgt Ion:130 Resp: 1064266
Ion Ratio Lower Upper
130 100
95 117.8 98.1 147.1
132 98.8 80.3 120.5
97 77.7 63.5 95.3





#39
1,2-Dichloropropane
Concen: 14.091 ppbv
RT: 7.587 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

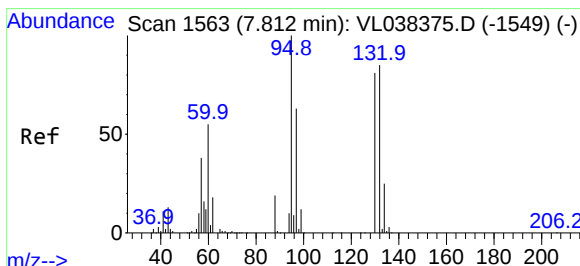
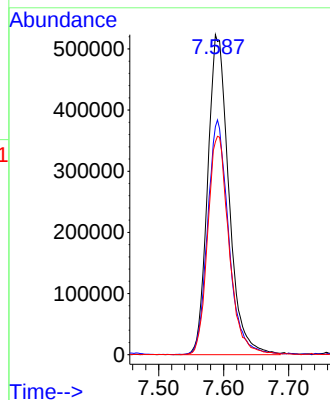
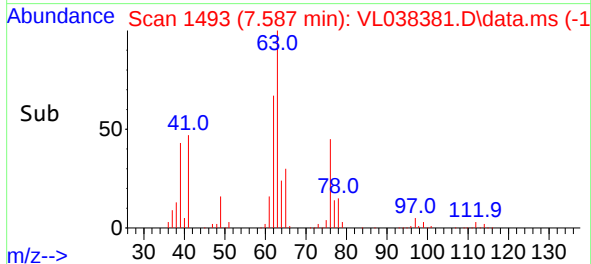
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



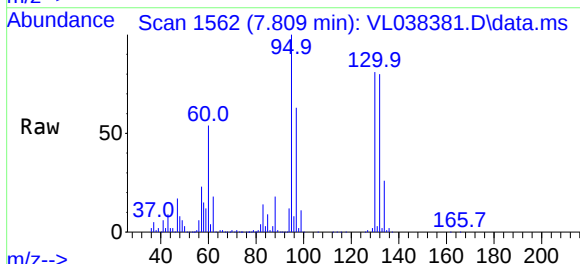
Tgt Ion: 63 Resp: 118455
Ion Ratio Lower Upper
63 100
41 71.1 56.1 84.1
62 66.4 55.5 83.3

Manual Integrations
APPROVED

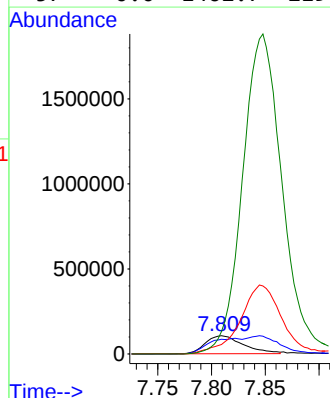
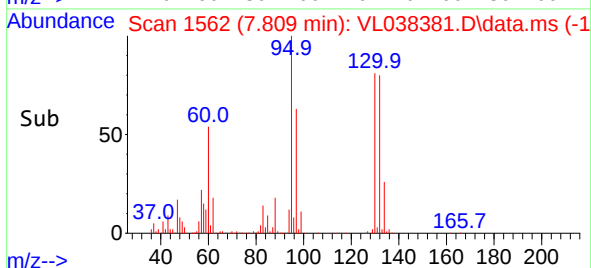
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

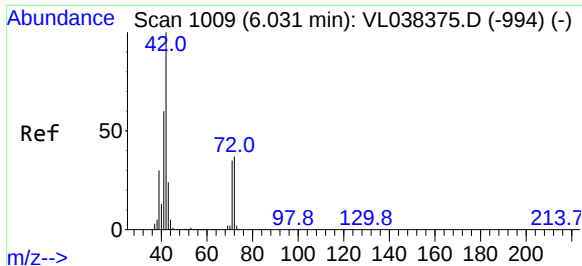


#40
1,4-Dioxane
Concen: 12.775 ppbv
RT: 7.809 min Scan# 1562
Delta R.T. -0.003 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56



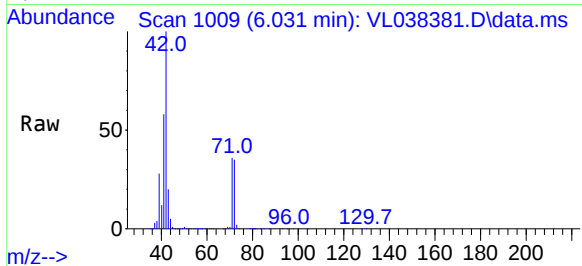
Tgt Ion: 88 Resp: 261407
Ion Ratio Lower Upper
88 100
58 0.0 133.2 199.8#
43 0.0 330.6 496.0#
57 0.0 1462.7 2194.1#





#41
Tetrahydrofuran
Concen: 14.684 ppbv
RT: 6.031 min Scan# 1009
Delta R.T. 0.000 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

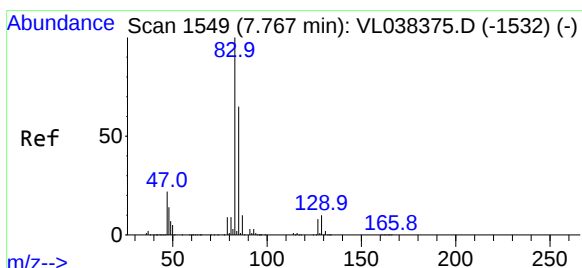
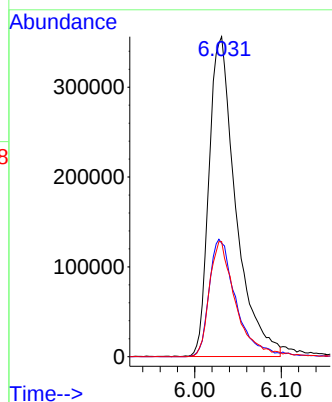
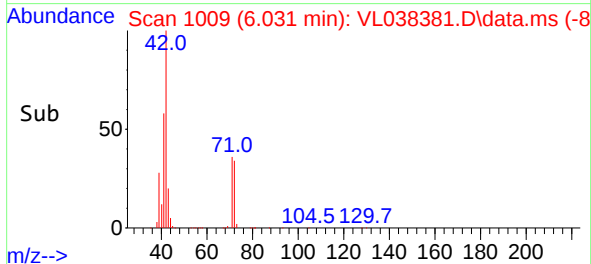
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 42 Resp: 762460
Ion Ratio Lower Upper
42 100
72 37.7 29.9 44.9
71 36.1 28.6 42.8

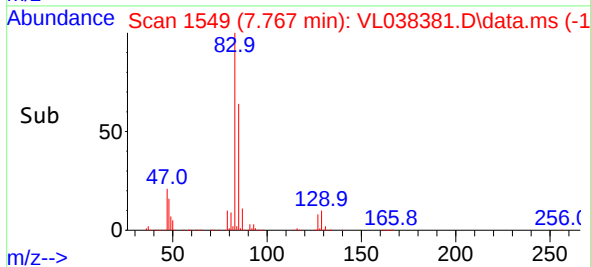
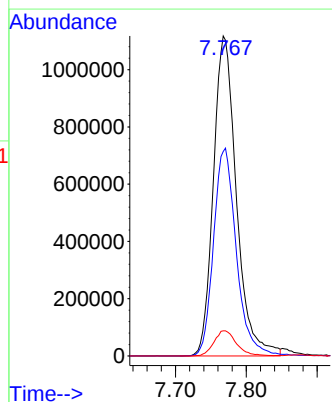
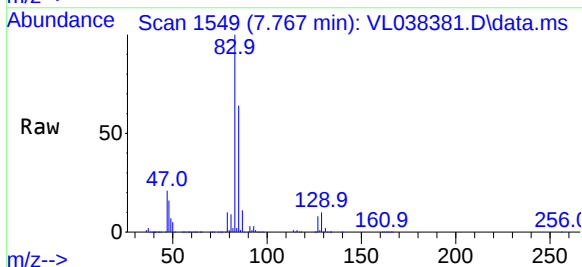
Manual Integrations
APPROVED

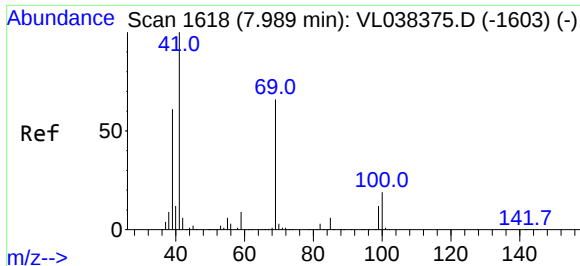
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#42
Bromodichloromethane
Concen: 14.249 ppbv
RT: 7.767 min Scan# 1549
Delta R.T. 0.000 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion: 83 Resp: 2525112
Ion Ratio Lower Upper
83 100
85 63.9 52.2 78.4
127 7.8 6.2 9.4





#43
Methyl Methacrylate
Concen: 15.367 ppbv
RT: 7.989 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Instrument :

MSVOA_L

ClientSampleId :

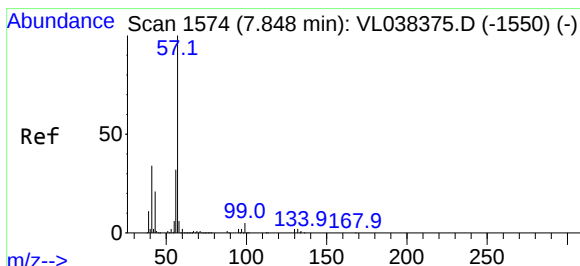
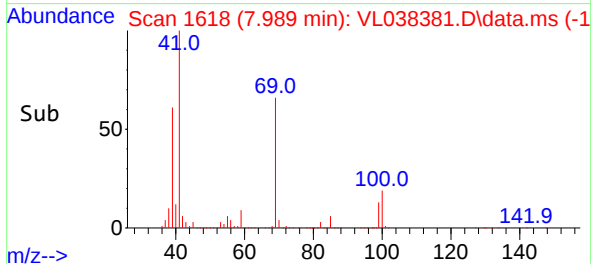
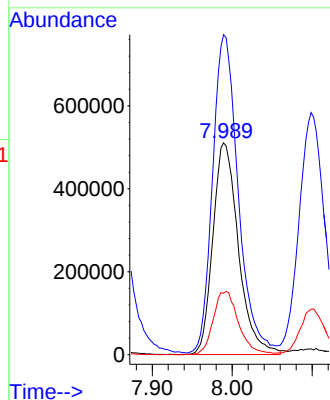
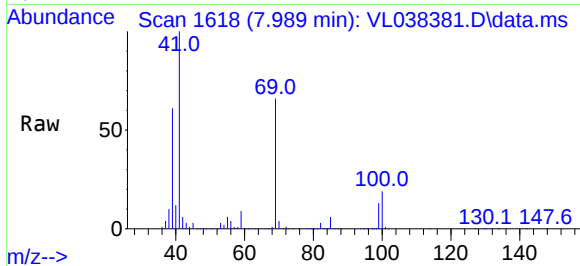
VSTDIC015

Tgt Ion: 69 Resp: 1130792
Ion Ratio Lower Upper
69 100
41 152.7 122.9 184.3
100 29.9 23.6 35.4

Manual Integrations

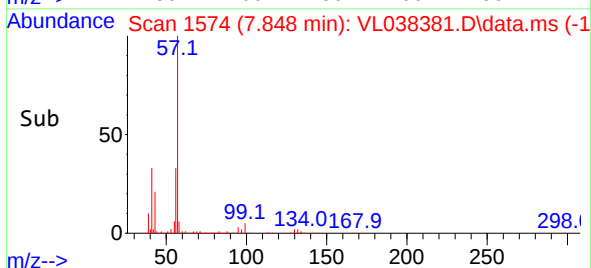
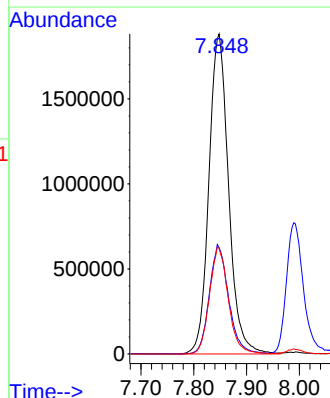
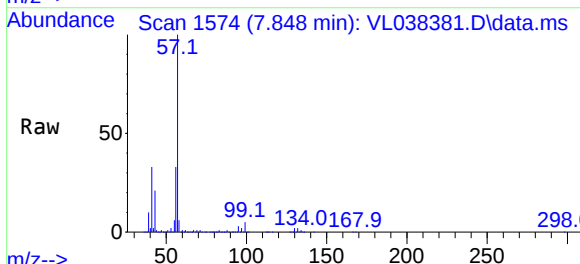
APPROVED

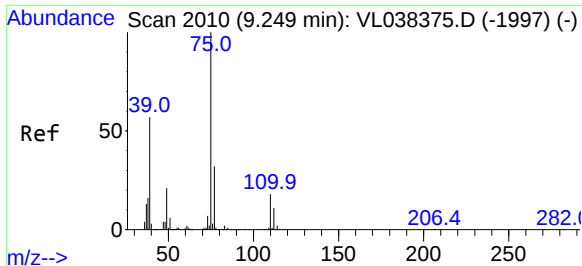
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#44
2,2,4-Trimethylpentane
Concen: 13.254 ppbv
RT: 7.848 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion: 57 Resp: 4860782
Ion Ratio Lower Upper
57 100
41 33.5 26.6 39.8
56 31.9 25.0 37.6





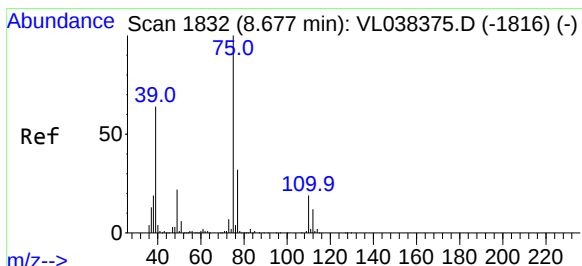
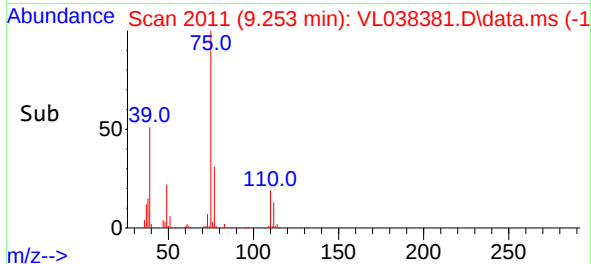
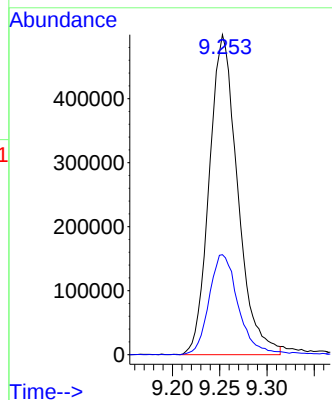
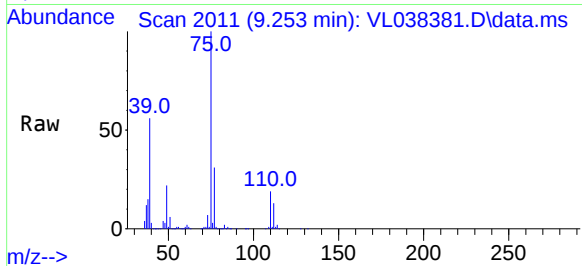
#45
t-1,3-Dichloropropene
Concen: 17.594 ppbv
RT: 9.253 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 75 Resp: 104519
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0

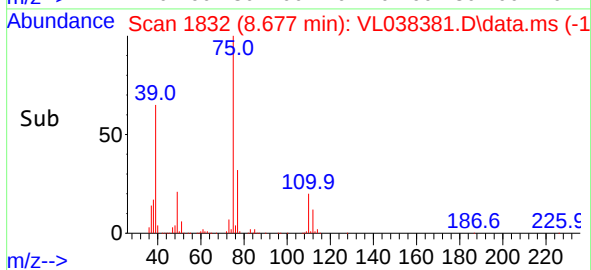
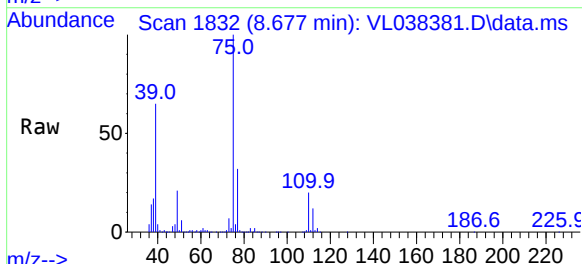
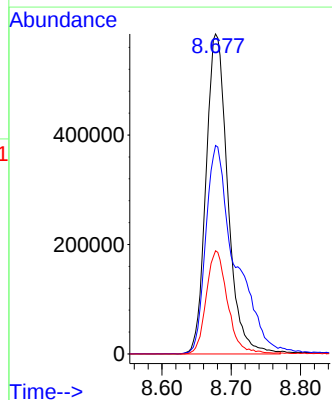
Manual Integrations
APPROVED

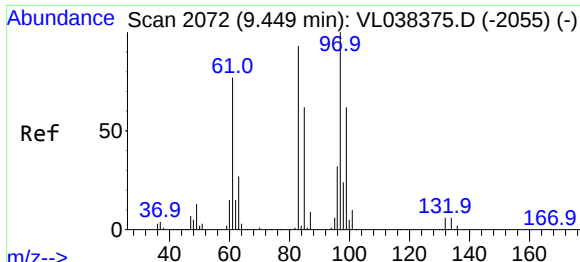
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#46
cis-1,3-Dichloropropene
Concen: 16.030 ppbv
RT: 8.677 min Scan# 1832
Delta R.T. 0.000 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

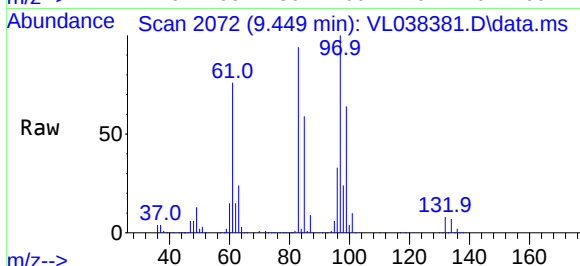
Tgt Ion: 75 Resp: 1274302
Ion Ratio Lower Upper
75 100
39 65.0 51.4 77.2
77 32.2 25.4 38.2





#47
1,1,2-Trichloroethane
Concen: 14.291 ppbv
RT: 9.449 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

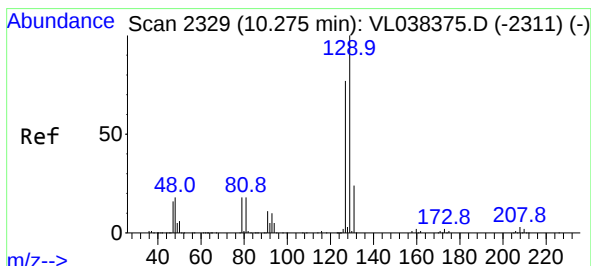
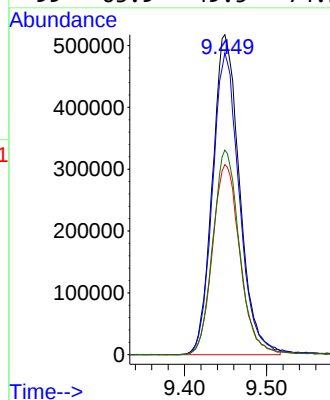
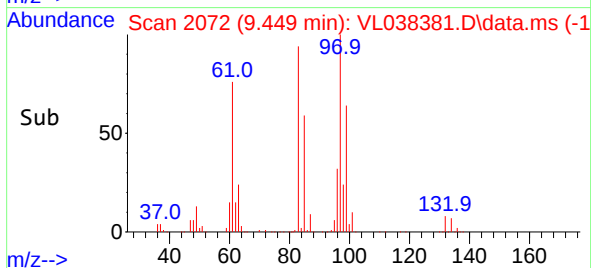
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



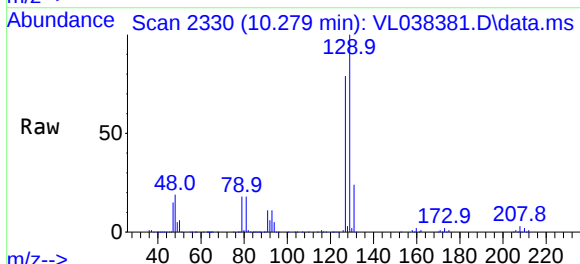
Tgt Ion: 97 Resp: 1190904
Ion Ratio Lower Upper
97 100
83 94.2 74.2 111.4
85 59.4 49.8 74.8
99 63.9 49.5 74.3

Manual Integrations
APPROVED

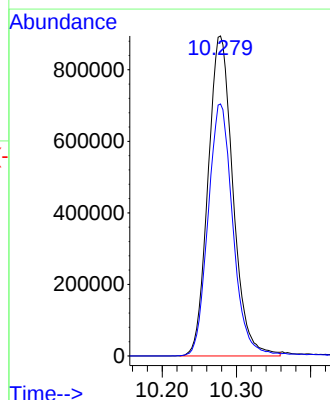
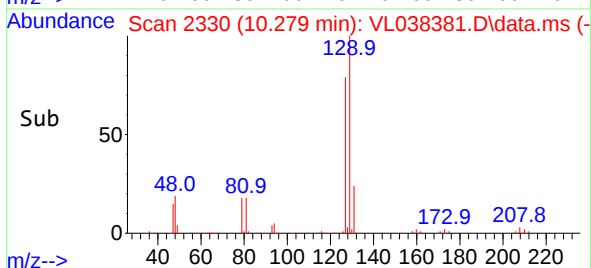
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

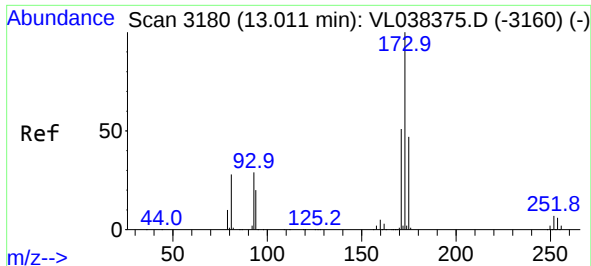


#48
Dibromochloromethane
Concen: 14.877 ppbv
RT: 10.279 min Scan# 2330
Delta R.T. 0.003 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56



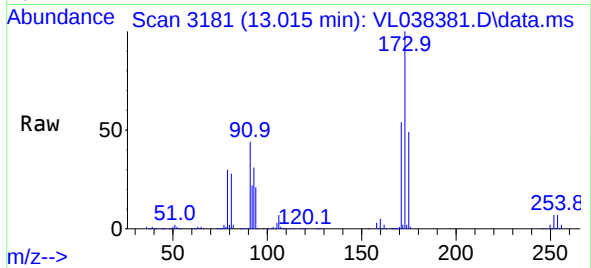
Tgt Ion:129 Resp: 2084505
Ion Ratio Lower Upper
129 100
127 79.6 39.4 118.1





#49
Bromoform
Concen: 15.566 ppbv
RT: 13.015 min Scan# 3180
Delta R.T. 0.003 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

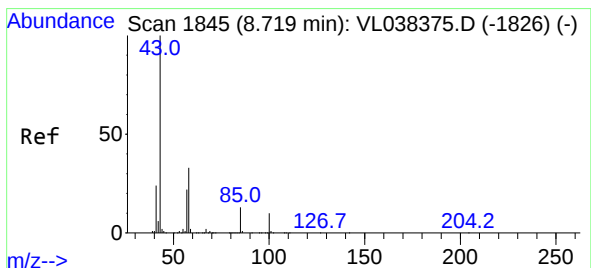
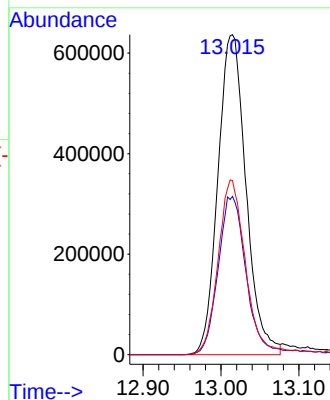
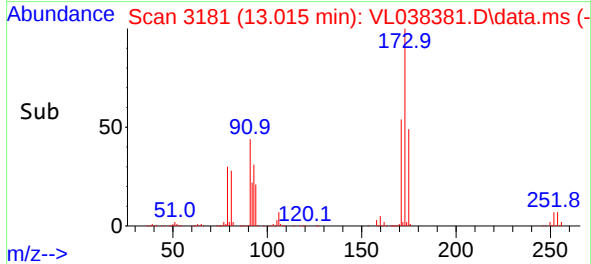
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



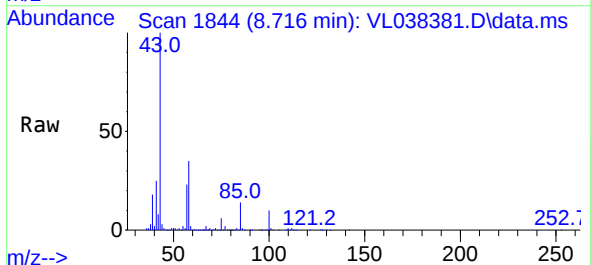
Tgt Ion:173 Resp: 159434
Ion Ratio Lower Upper
173 100
175 51.6 40.2 60.2
171 55.7 42.7 64.1

Manual Integrations
APPROVED

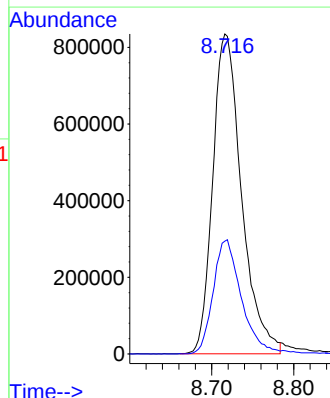
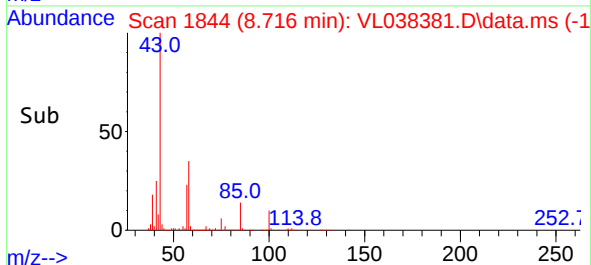
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

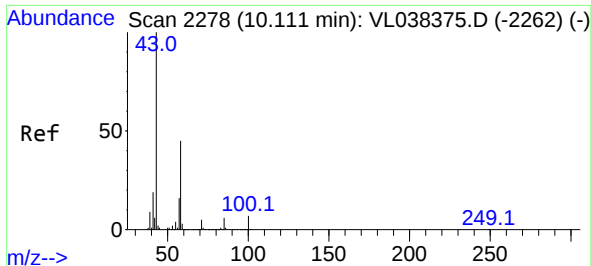


#50
4-Methyl-2-Pentanone
Concen: 14.780 ppbv
RT: 8.716 min Scan# 1844
Delta R.T. -0.003 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56



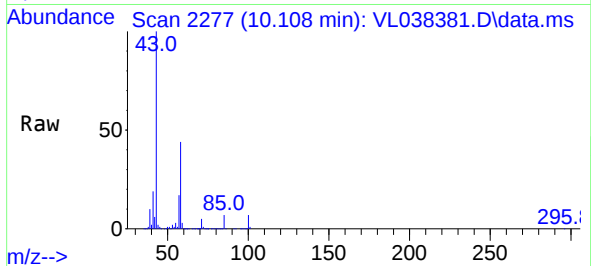
Tgt Ion: 43 Resp: 2036705
Ion Ratio Lower Upper
43 100
58 35.6 27.7 41.5





#51
2-Hexanone
Concen: 16.095 ppbv
RT: 10.108 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

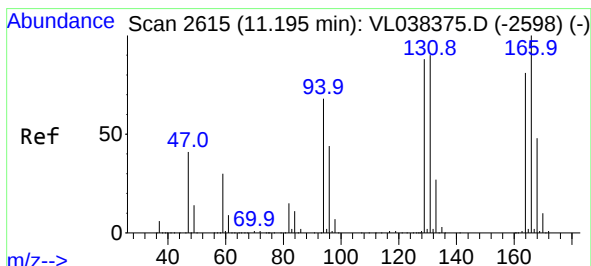
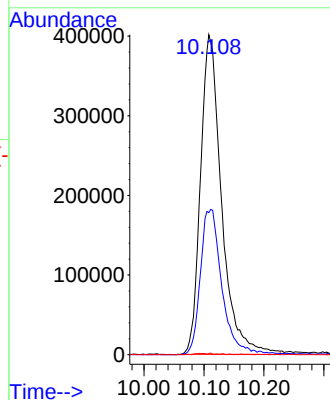
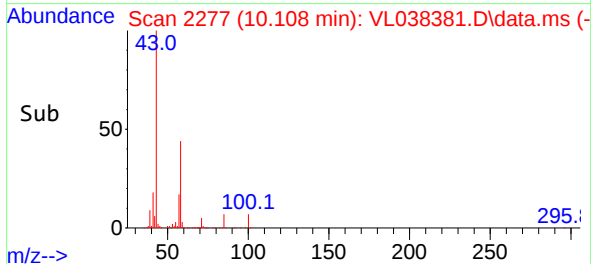
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



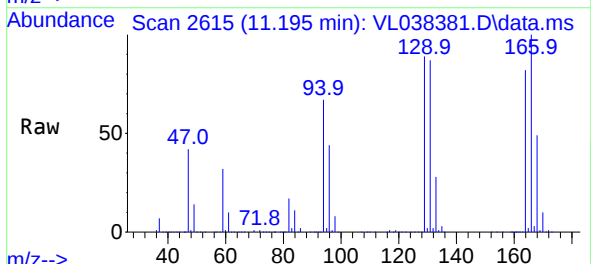
Tgt Ion: 43 Resp: 979997
Ion Ratio Lower Upper
43 100
58 47.0 37.4 56.0
98 0.5 0.1 0.1

Manual Integrations
APPROVED

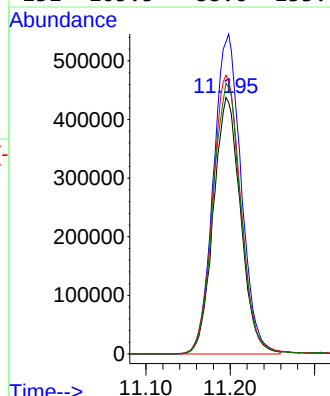
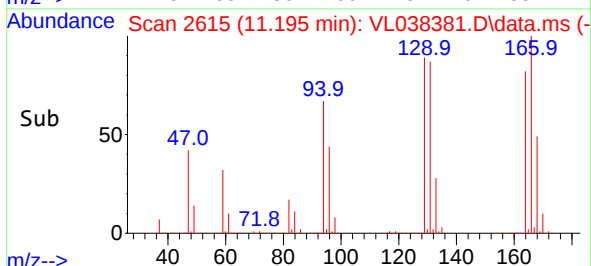
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

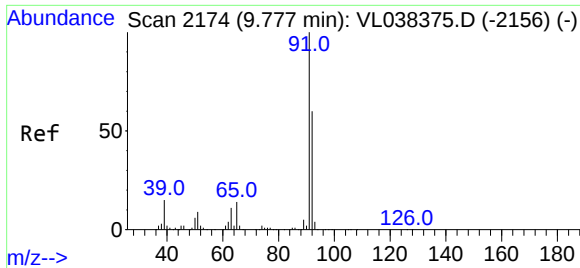


#52
Tetrachloroethene
Concen: 13.683 ppbv
RT: 11.195 min Scan# 2615
Delta R.T. 0.000 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56



Tgt Ion:164 Resp: 981184
Ion Ratio Lower Upper
164 100
166 121.6 98.6 148.0
129 108.4 86.9 130.3
131 105.5 88.6 133.0





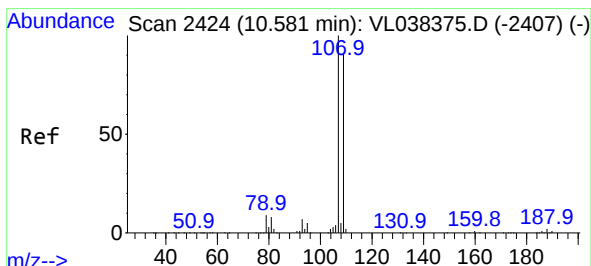
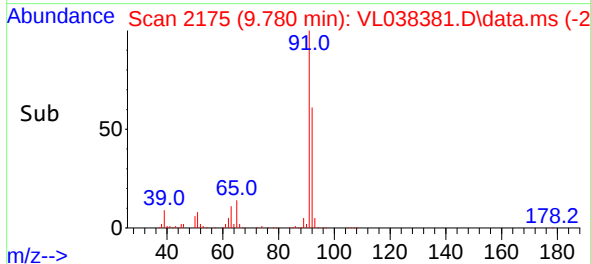
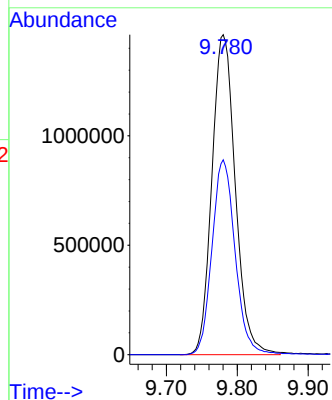
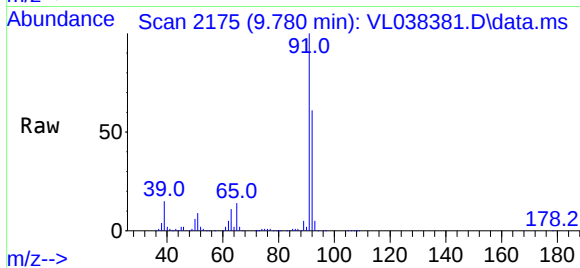
#53
Toluene
Concen: 14.596 ppbv
RT: 9.780 min Scan# 2174
Delta R.T. 0.003 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 91 Resp: 335713
Ion Ratio Lower Upper
91 100
92 60.4 48.2 72.4

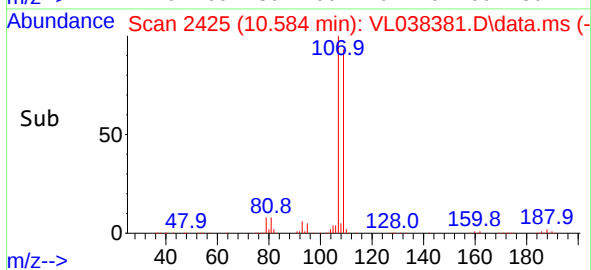
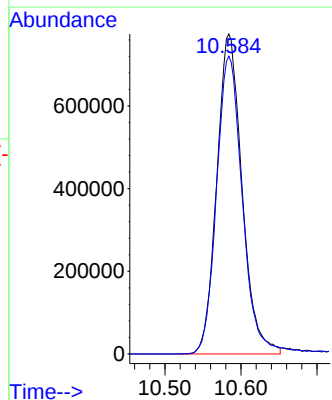
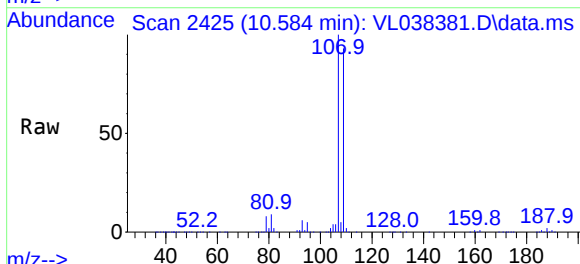
Manual Integrations
APPROVED

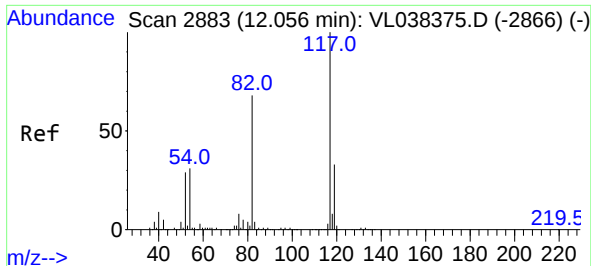
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#54
1,2-Dibromoethane
Concen: 15.094 ppbv
RT: 10.584 min Scan# 2425
Delta R.T. 0.003 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

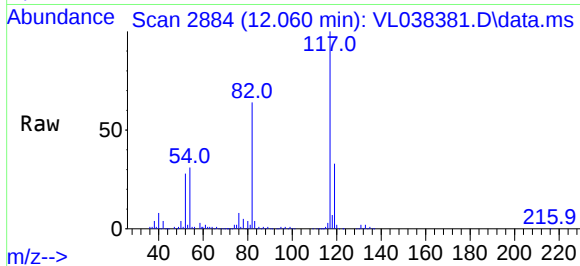
Tgt Ion:107 Resp: 1785351
Ion Ratio Lower Upper
107 100
109 93.1 73.0 109.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.060 min Scan# 2883
Delta R.T. 0.003 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

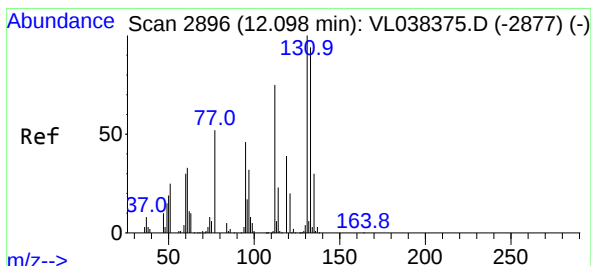
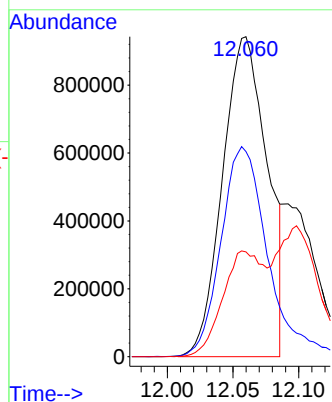
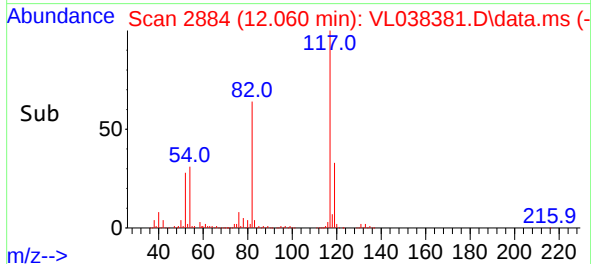
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



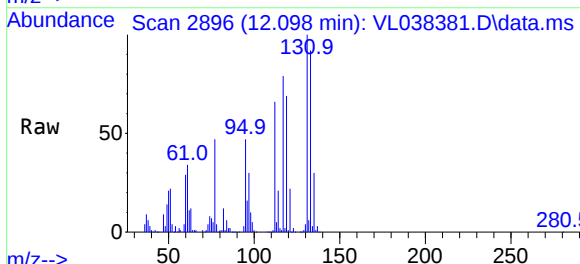
Tgt Ion:117 Resp: 222414
Ion Ratio Lower Upper
117 100
82 71.5 54.9 82.3
119 32.7 46.1 69.1

Manual Integrations
APPROVED

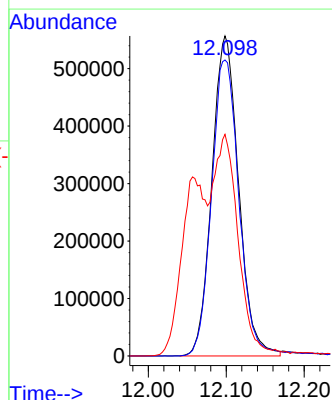
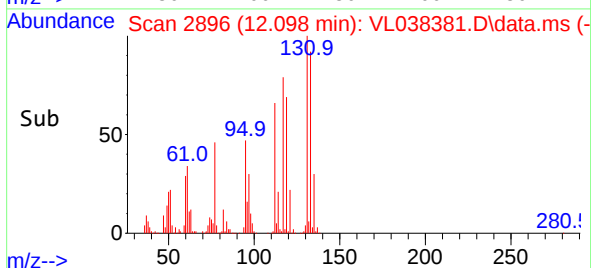
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

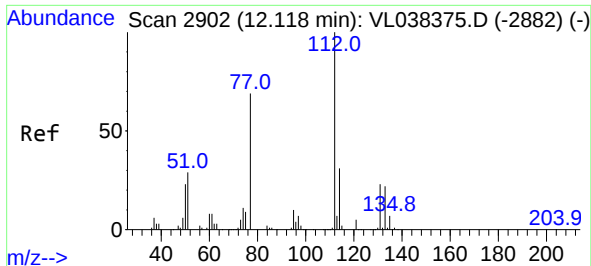


#56
1,1,1,2-Tetrachloroethane
Concen: 13.644 ppbv
RT: 12.098 min Scan# 2896
Delta R.T. 0.000 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56



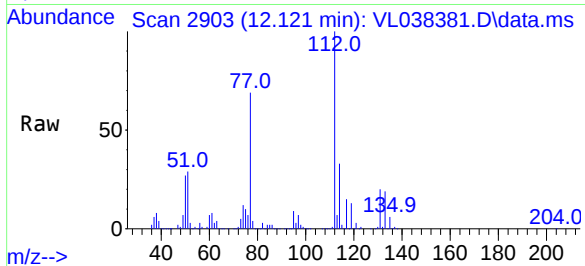
Tgt Ion:131 Resp: 1327304
Ion Ratio Lower Upper
131 100
133 96.2 77.3 115.9
119 120.2 48.6 73.0





#57
Chlorobenzene
Concen: 13.592 ppbv
RT: 12.121 min Scan# 2903
Delta R.T. 0.003 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

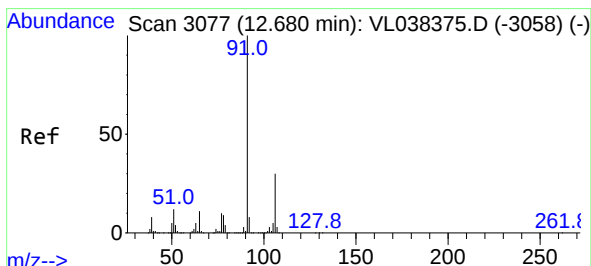
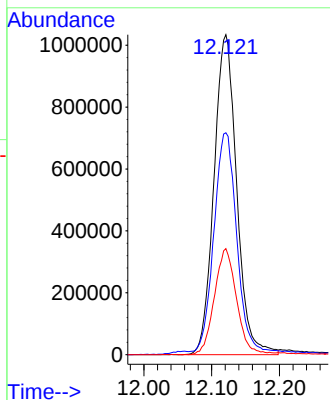
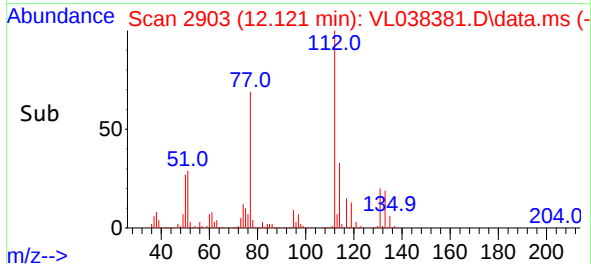
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



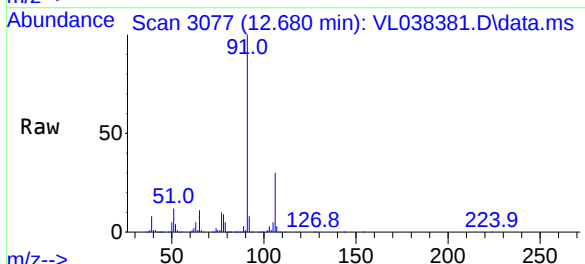
Tgt Ion: 112 Resp: 2409229
Ion Ratio Lower Upper
112 100
77 68.3 55.2 82.8
114 33.2 27.9 34.1

Manual Integrations
APPROVED

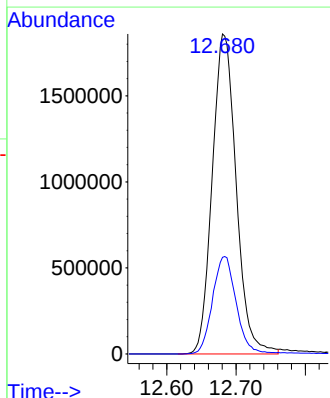
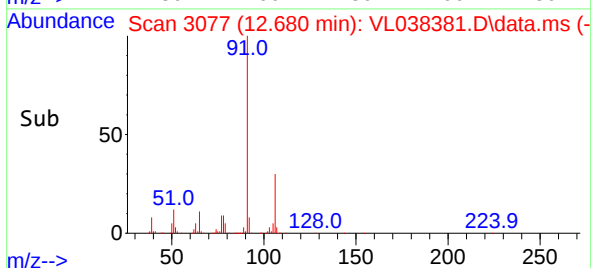
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

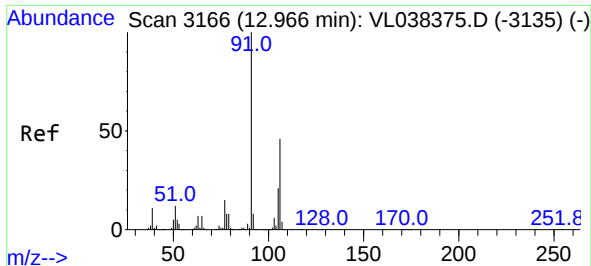


#58
Ethyl Benzene
Concen: 13.718 ppbv
RT: 12.680 min Scan# 3077
Delta R.T. 0.000 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56



Tgt Ion: 91 Resp: 4467932
Ion Ratio Lower Upper
91 100
106 30.2 24.0 36.0





#59

m/p-Xylene

Concen: 27.110 ppbv m

RT: 12.970 min Scan# 3166

Delta R.T. 0.003 min

Lab File: VL038381.D

Acq: 22 Feb 2022 7:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 91 Resp: 755443

Ion Ratio Lower Upper

91 100

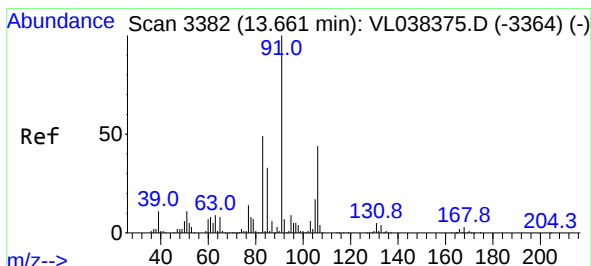
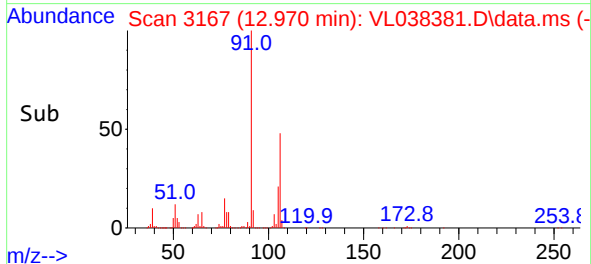
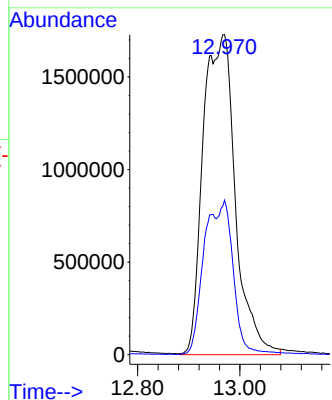
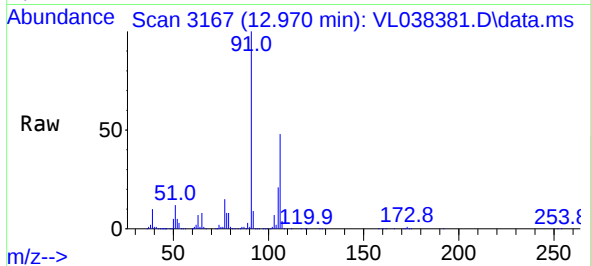
106 44.0 34.4 51.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/23/2022

Supervised By :Amit Patel 02/23/2022



#60

o-Xylene

Concen: 13.800 ppbv

RT: 13.667 min Scan# 3384

Delta R.T. 0.007 min

Lab File: VL038381.D

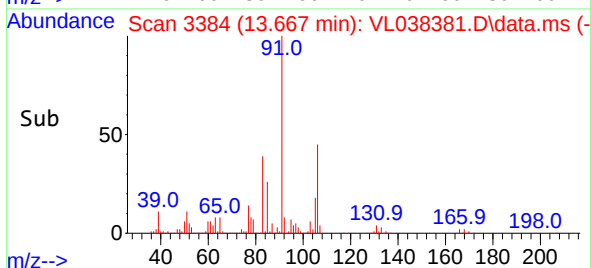
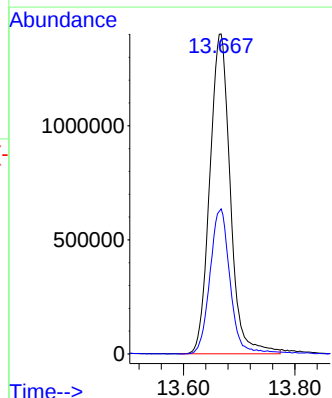
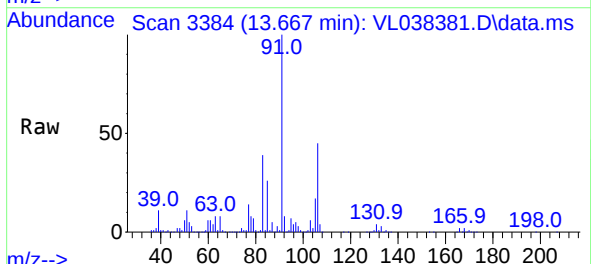
Acq: 22 Feb 2022 7:56

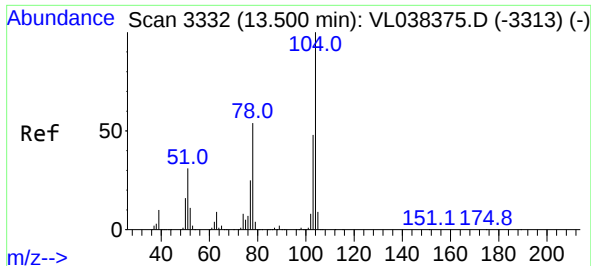
Tgt Ion: 91 Resp: 3584321

Ion Ratio Lower Upper

91 100

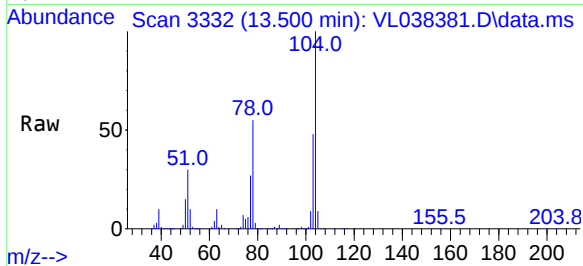
106 45.0 21.9 65.5





#61
Styrene
Concen: 15.725 ppbv
RT: 13.500 min Scan# 311
Delta R.T. 0.000 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

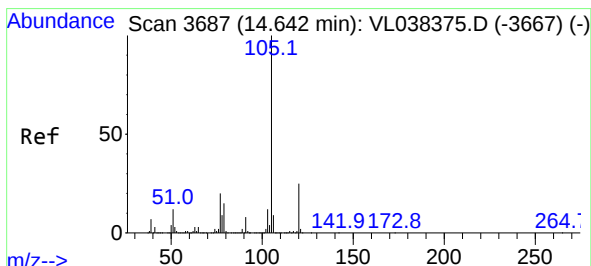
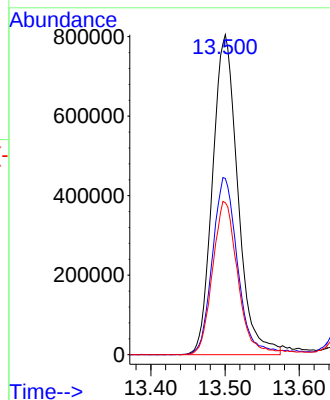
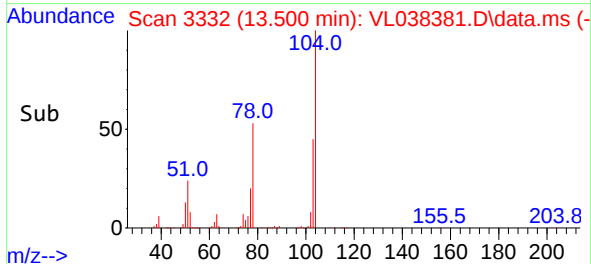
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



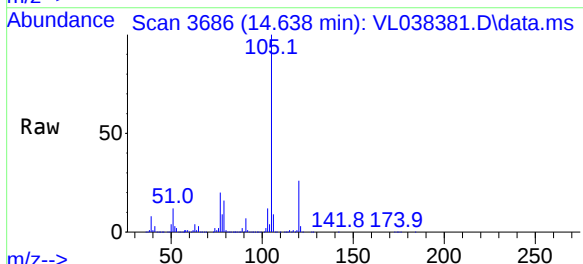
Tgt Ion:104 Resp: 190219
Ion Ratio Lower Upper
104 100
78 56.3 44.2 66.4
103 48.6 38.4 57.6

Manual Integrations
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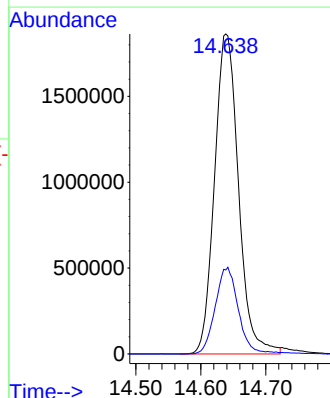
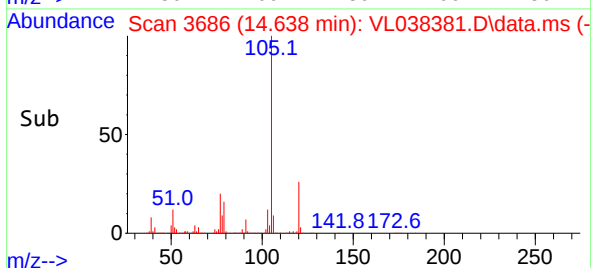
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

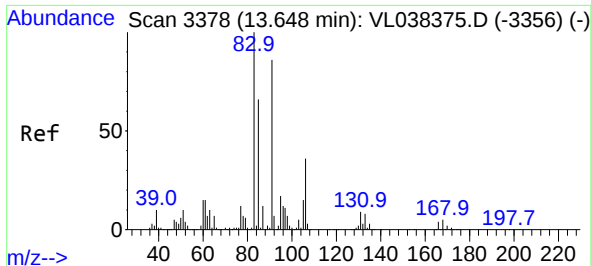


#62
Isopropylbenzene
Concen: 13.755 ppbv
RT: 14.638 min Scan# 3686
Delta R.T. -0.003 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56



Tgt Ion:105 Resp: 4770154
Ion Ratio Lower Upper
105 100
120 26.3 20.6 30.8





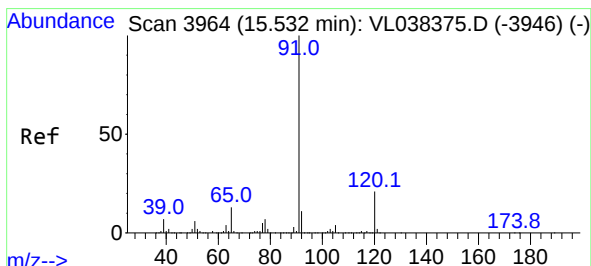
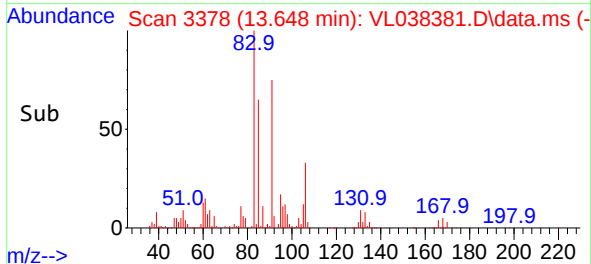
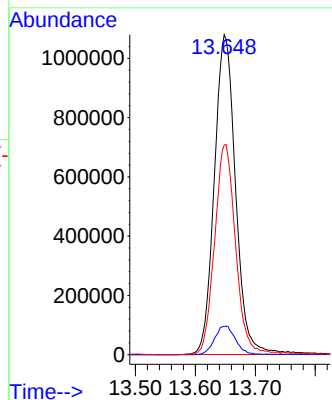
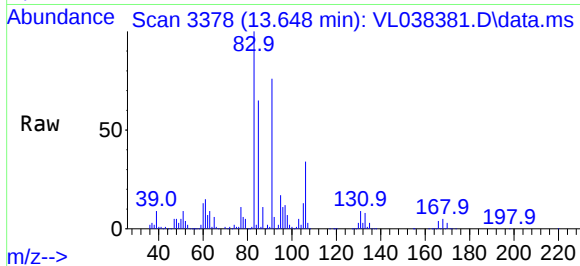
#63
1,1,2,2-Tetrachloroethane
Concen: 13.623 ppbv
RT: 13.648 min Scan# 311
Delta R.T. 0.000 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 83 Resp: 264661
Ion Ratio Lower Upper
83 100
131 9.0 4.5 13.7
85 65.9 33.0 99.0

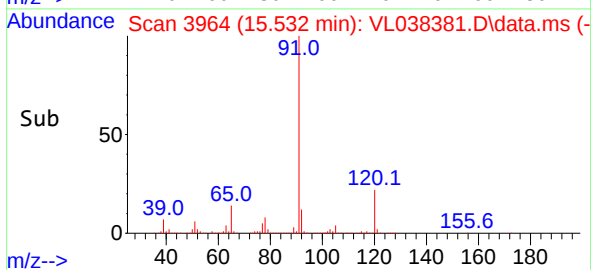
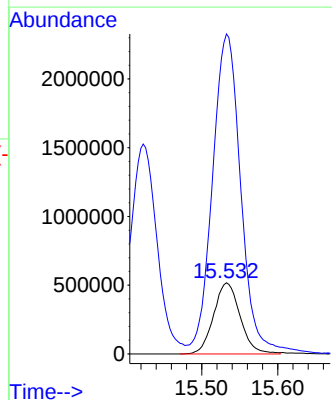
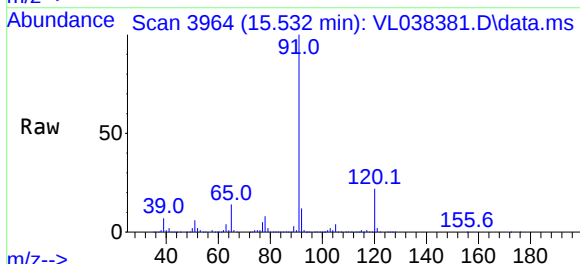
Manual Integrations
APPROVED

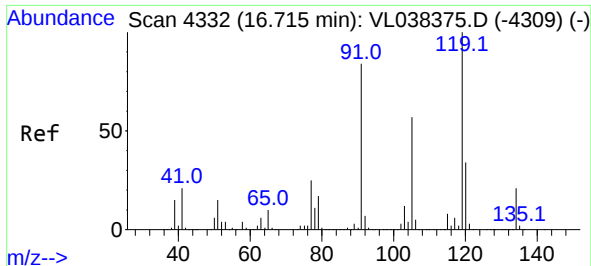
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#64
n-propylbenzene
Concen: 14.892 ppbv
RT: 15.532 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion:120 Resp: 1253179
Ion Ratio Lower Upper
120 100
91 482.7 388.1 582.1





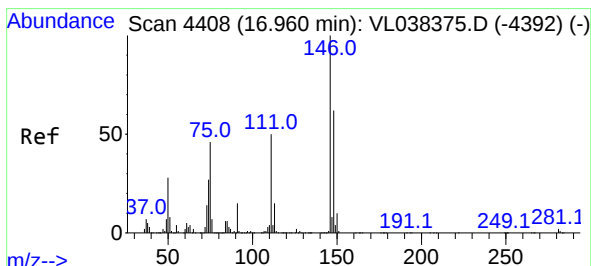
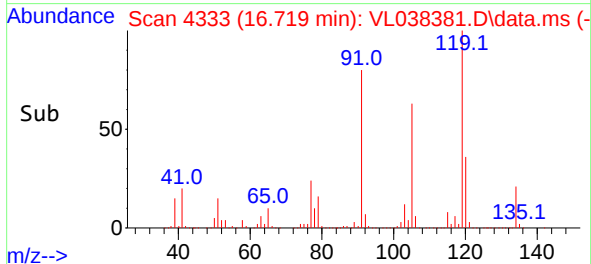
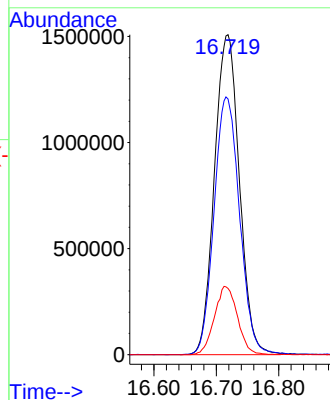
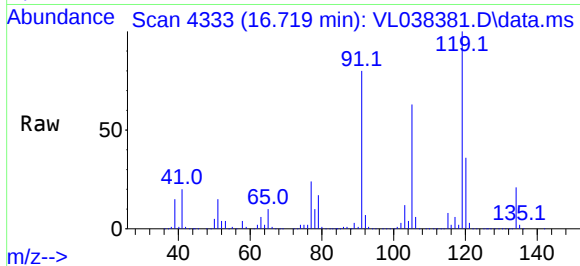
#65
tert-Butylbenzene
Concen: 14.451 ppbv
RT: 16.719 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:119 Resp: 418472
Ion Ratio Lower Upper
119 100
91 82.6 68.0 102.0
134 19.8 15.8 23.8

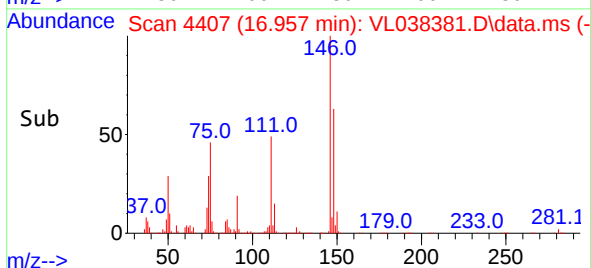
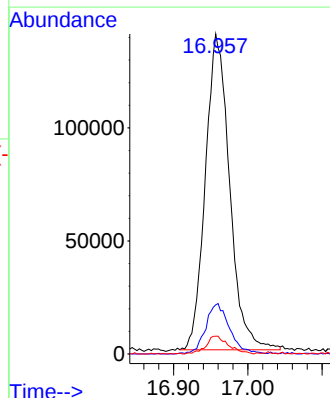
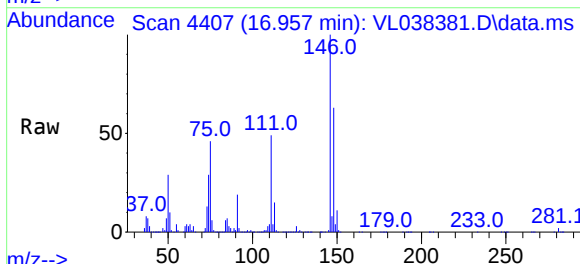
Manual Integrations
APPROVED

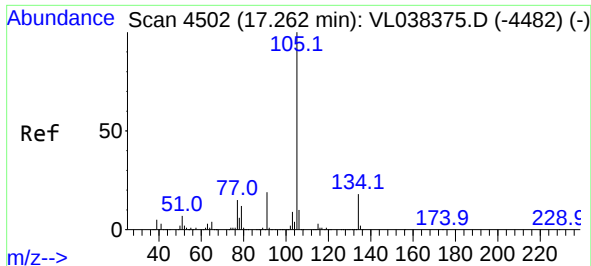
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#66
Benzyl Chloride
Concen: 23.360 ppbv
RT: 16.957 min Scan# 4407
Delta R.T. -0.003 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion: 91 Resp: 317476
Ion Ratio Lower Upper
91 100
126 15.8 12.3 18.5
128 5.5 4.2 6.4





#67

sec-Butylbenzene

Concen: 14.596 ppbv

RT: 17.265 min Scan# 4502

Delta R.T. 0.003 min

Lab File: VL038381.D

Acq: 22 Feb 2022 7:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion:105 Resp: 5897569

Ion Ratio Lower Upper

105 100

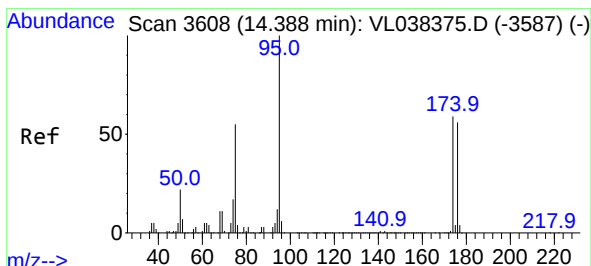
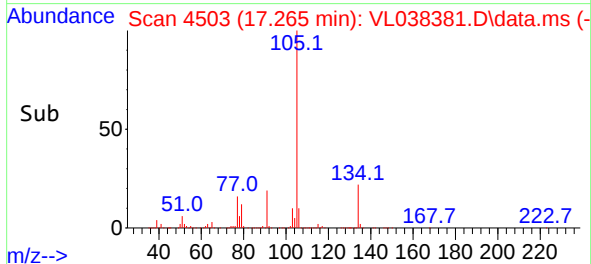
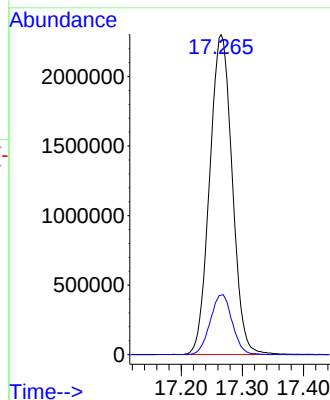
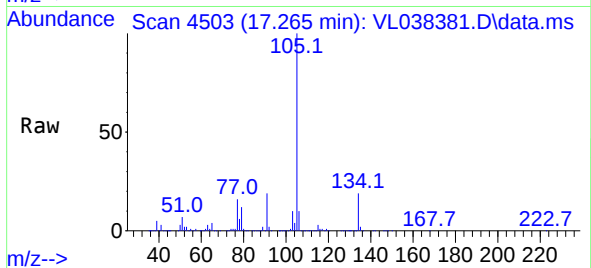
134 18.3 14.6 21.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/23/2022

Supervised By :Amit Patel 02/23/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 11.337 ppbv

RT: 14.384 min Scan# 3607

Delta R.T. -0.003 min

Lab File: VL038381.D

Acq: 22 Feb 2022 7:56

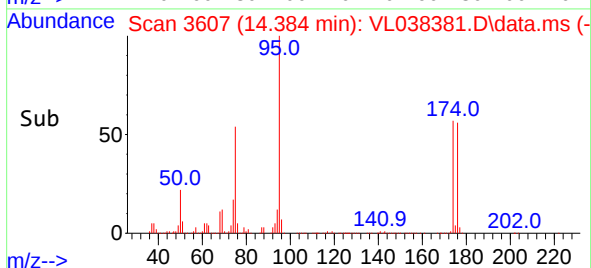
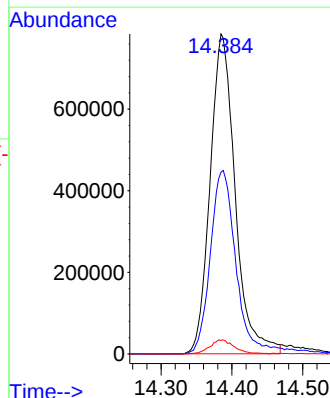
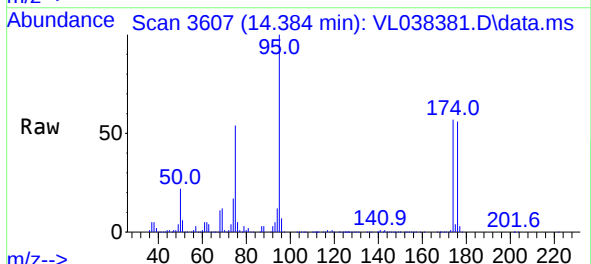
Tgt Ion: 95 Resp: 1928372

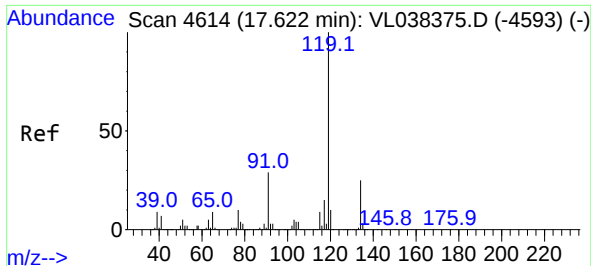
Ion Ratio Lower Upper

95 100

174 60.2 49.0 73.4

175 4.3 3.6 5.4





#69
p-Isopropyltoluene
Concen: 15.545 ppbv
RT: 17.625 min Scan# 4614
Delta R.T. 0.003 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Instrument :

MSVOA_L

ClientSampleId :

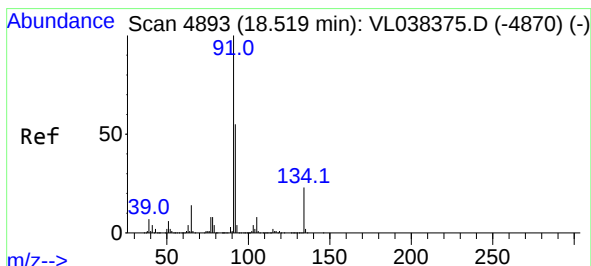
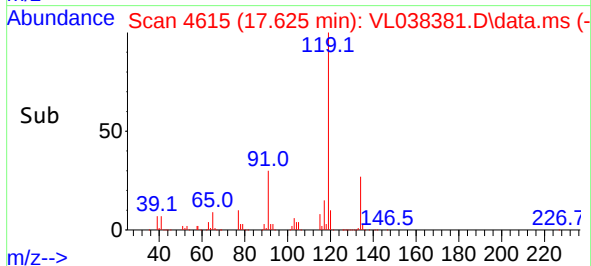
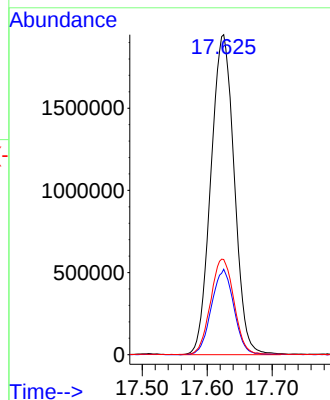
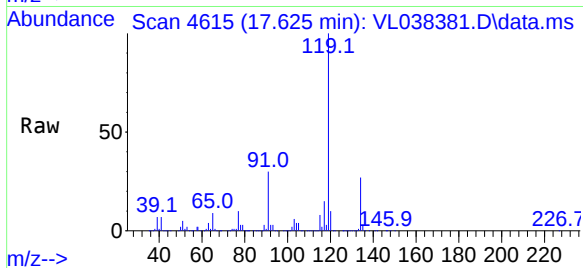
VSTDIC015

Tgt Ion:119 Resp: 485810
Ion Ratio Lower Upper
119 100
134 25.8 20.4 30.6
91 30.0 23.8 35.8

Manual Integrations

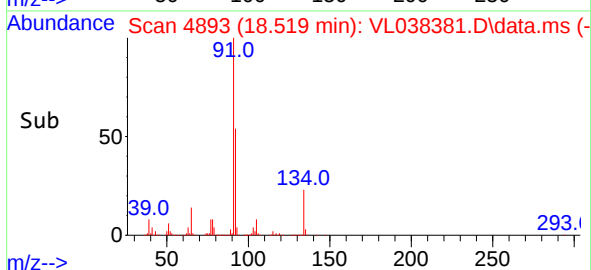
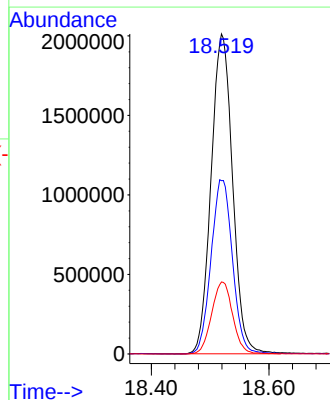
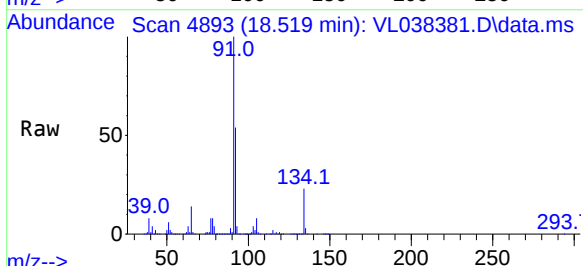
APPROVED

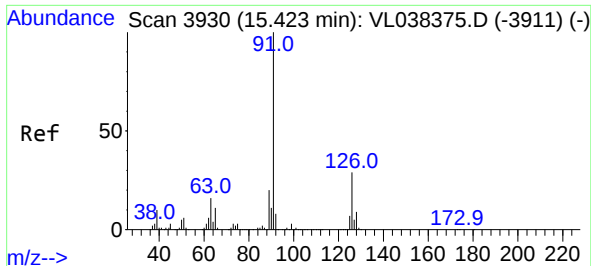
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#70
n-Butylbenzene
Concen: 16.433 ppbv
RT: 18.519 min Scan# 4893
Delta R.T. 0.000 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion: 91 Resp: 5099540
Ion Ratio Lower Upper
91 100
92 54.5 43.1 64.7
134 22.1 17.4 26.0





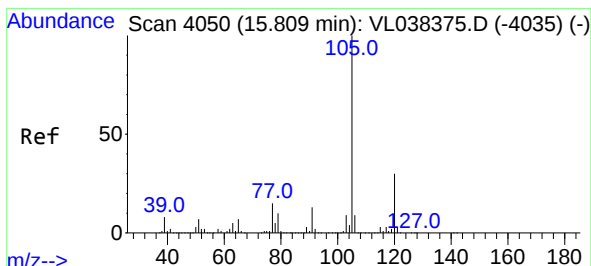
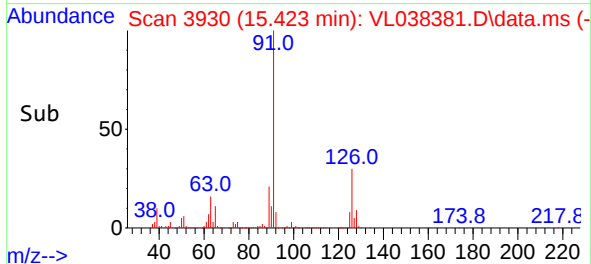
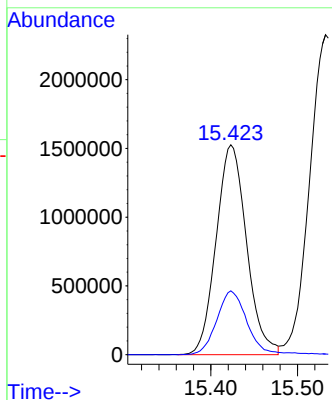
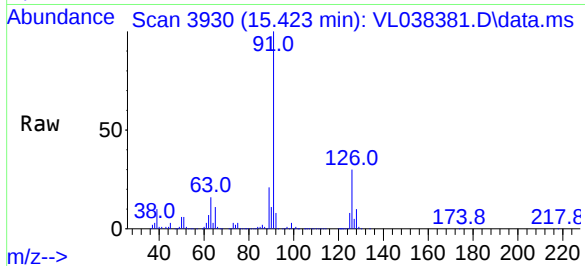
#71
2-Chlorotoluene
Concen: 14.332 ppbv
RT: 15.423 min Scan# 3911
Delta R.T. 0.000 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 91 Resp: 3722290
Ion Ratio Lower Upper
91 100
126 30.8 11.9 47.7

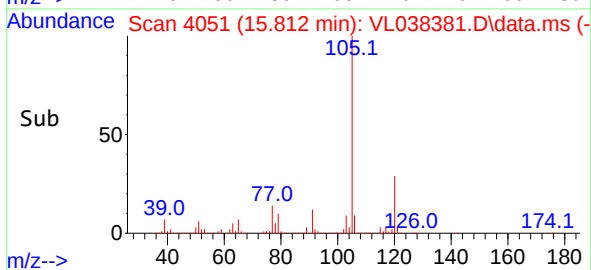
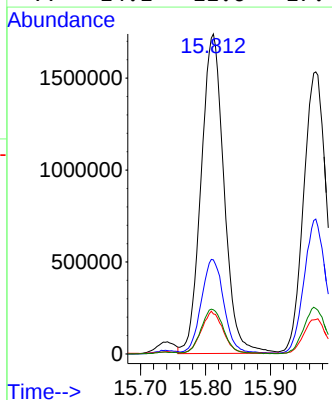
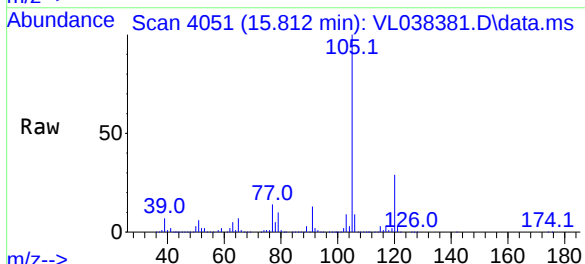
Manual Integrations
APPROVED

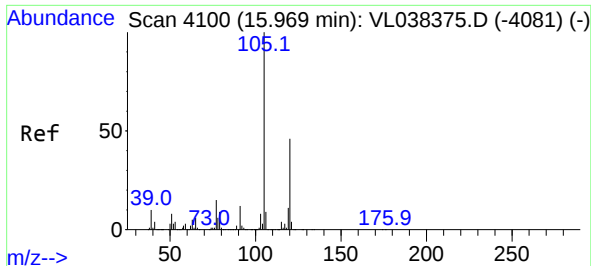
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#72
4-Ethyltoluene
Concen: 15.468 ppbv
RT: 15.812 min Scan# 4051
Delta R.T. 0.003 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion:105 Resp: 4266758
Ion Ratio Lower Upper
105 100
120 29.8 23.4 35.2
91 12.7 10.4 15.6
77 14.1 11.6 17.4





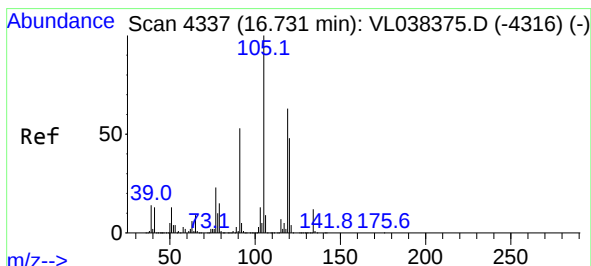
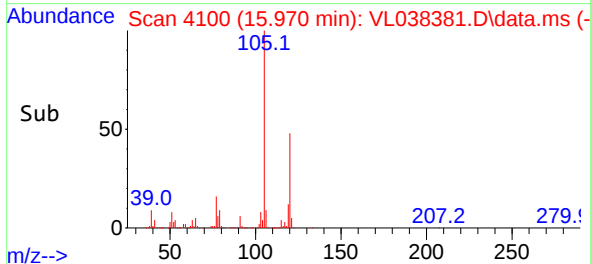
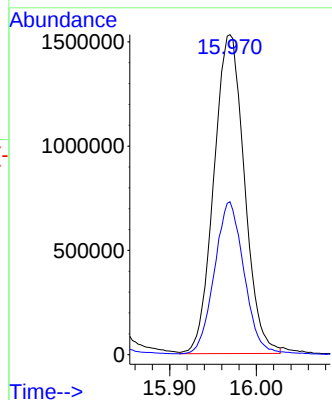
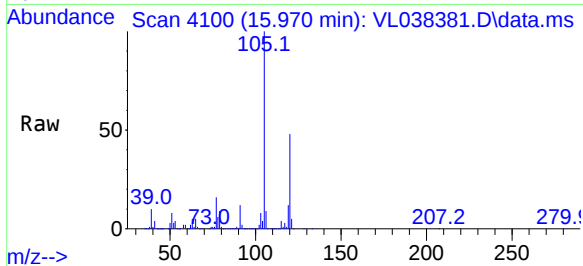
#73
1,3,5-Trimethylbenzene
Concen: 15.069 ppbv
RT: 15.970 min Scan# 4100
Delta R.T. 0.000 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion:105 Resp: 3750692
Ion Ratio Lower Upper
105 100
120 47.9 36.6 55.0

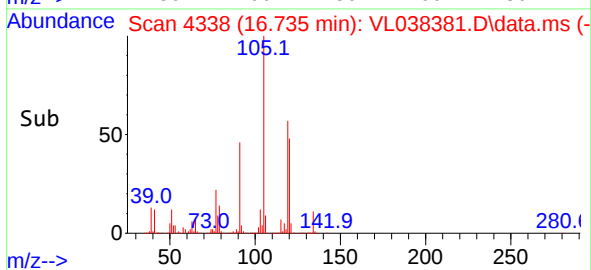
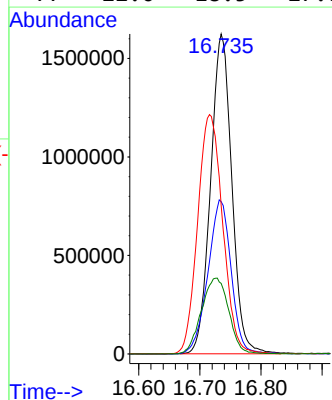
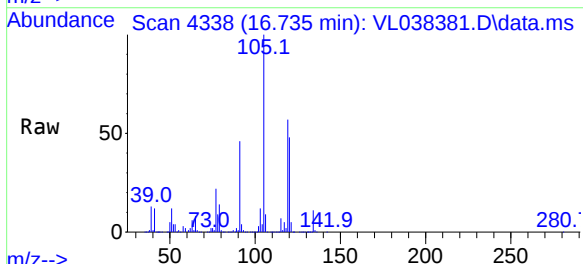
Manual Integrations
APPROVED

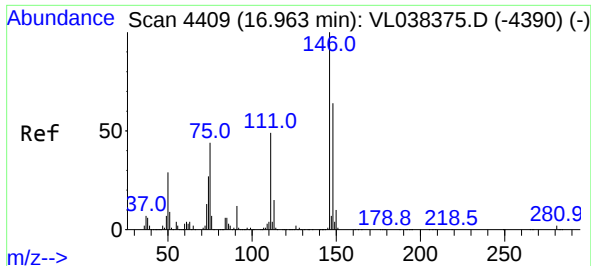
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#74
1,2,4-Trimethylbenzene
Concen: 14.886 ppbv
RT: 16.735 min Scan# 4338
Delta R.T. 0.003 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Tgt Ion:105 Resp: 3918375
Ion Ratio Lower Upper
105 100
120 47.5 38.2 57.4
91 46.4 42.7 64.1
77 22.0 18.5 27.7





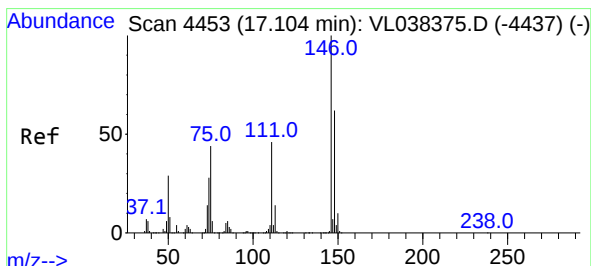
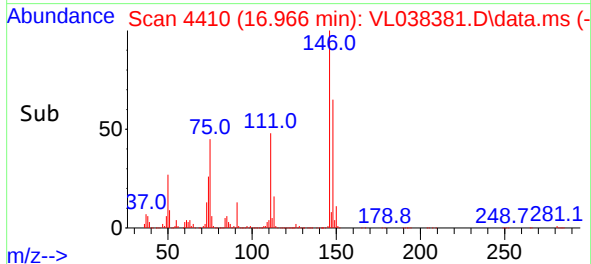
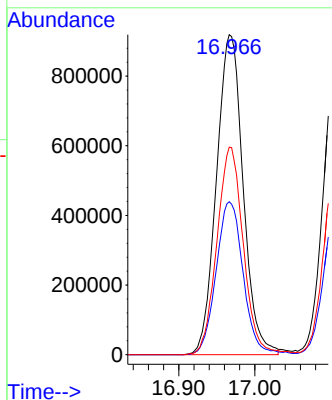
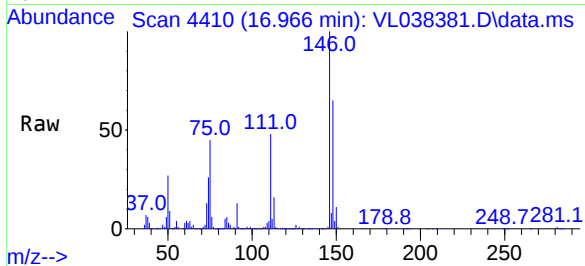
#75
1,3-Dichlorobenzene
Concen: 15.716 ppbv
RT: 16.966 min Scan# 4409
Delta R.T. 0.003 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion:146 Resp: 2239514
Ion Ratio Lower Upper
146 100
111 48.6 24.3 72.9
148 64.2 32.0 96.0

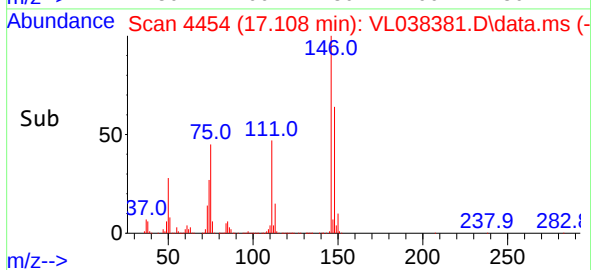
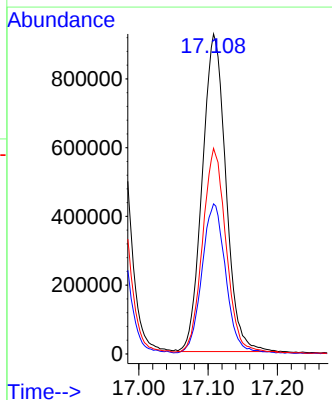
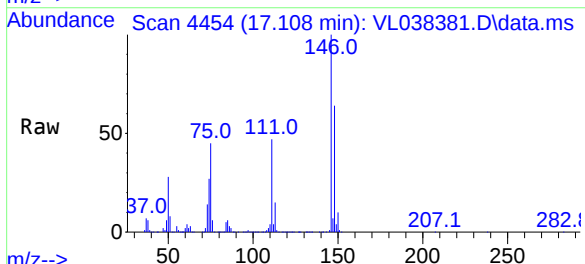
Manual Integrations
APPROVED

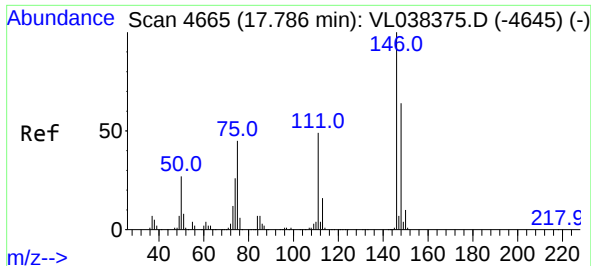
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#76
1,4-Dichlorobenzene
Concen: 15.861 ppbv
RT: 17.108 min Scan# 4454
Delta R.T. 0.003 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

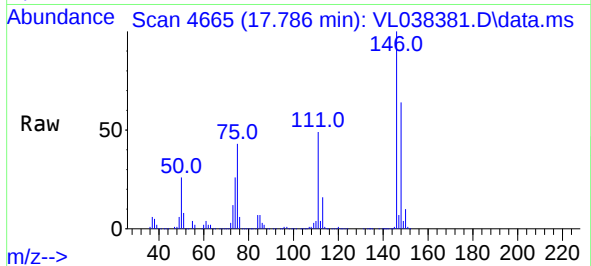
Tgt Ion:146 Resp: 2183222
Ion Ratio Lower Upper
146 100
111 48.1 24.1 72.2
148 65.6 32.8 98.4





#77
1,2-Dichlorobenzene
Concen: 16.014 ppbv
RT: 17.786 min Scan# 4665
Delta R.T. 0.000 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

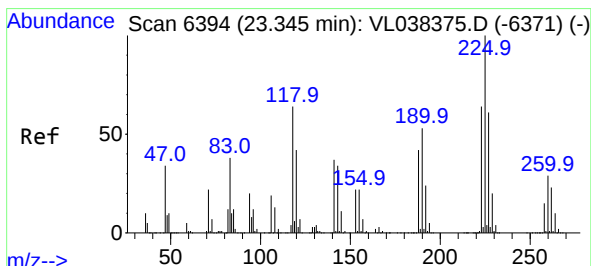
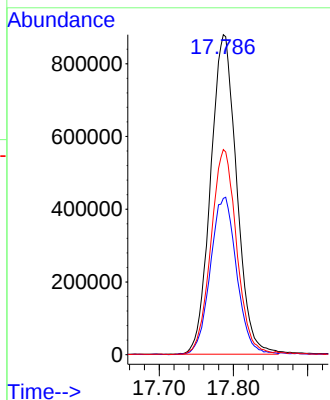
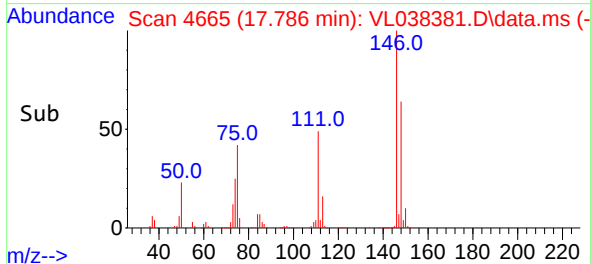
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



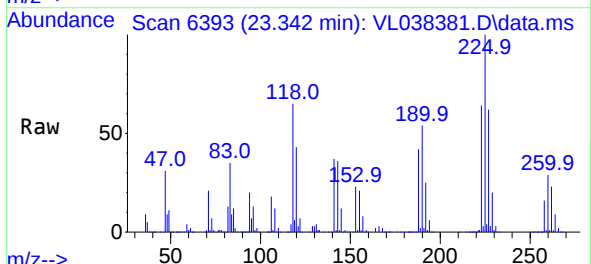
Tgt Ion:146 Resp: 213666
Ion Ratio Lower Upper
146 100
111 50.2 25.6 76.6
148 64.1 32.4 97.2

Manual Integrations
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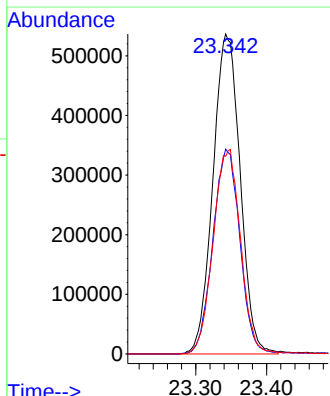
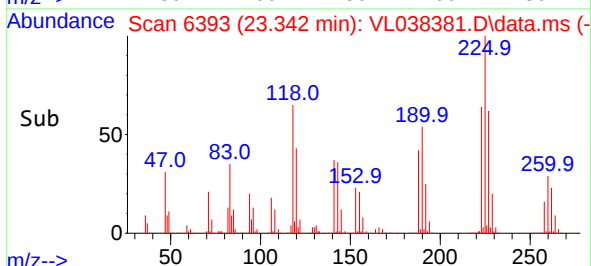
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

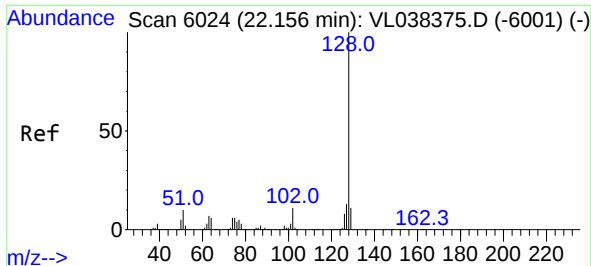


#78
Hexachloro-1,3-Butadiene
Concen: 15.352 ppbv
RT: 23.342 min Scan# 6393
Delta R.T. -0.003 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56



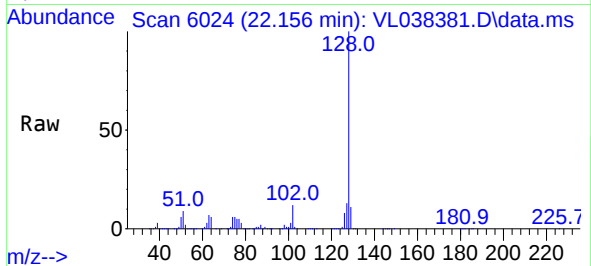
Tgt Ion:225 Resp: 1430527
Ion Ratio Lower Upper
225 100
223 63.8 52.0 78.0
227 64.5 51.6 77.4





#79
Naphthalene
Concen: 22.288 ppbv
RT: 22.156 min Scan# 6024
Delta R.T. 0.000 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56

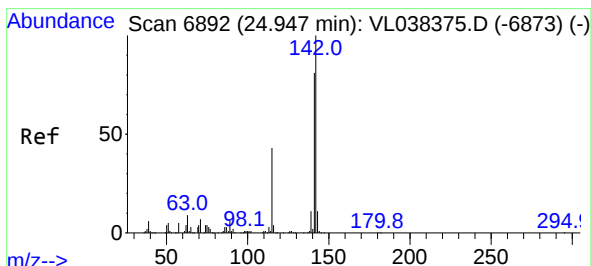
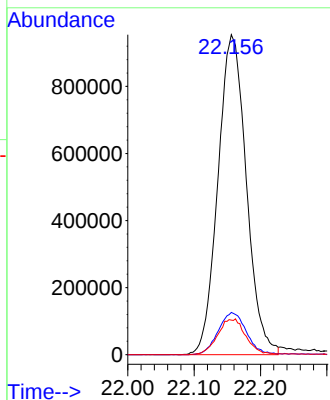
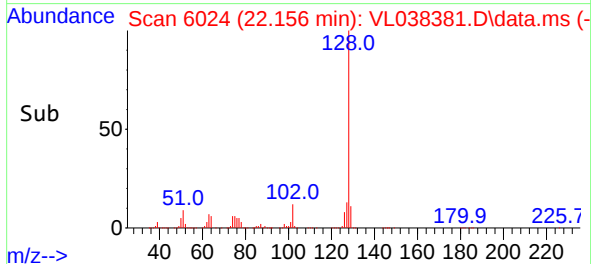
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



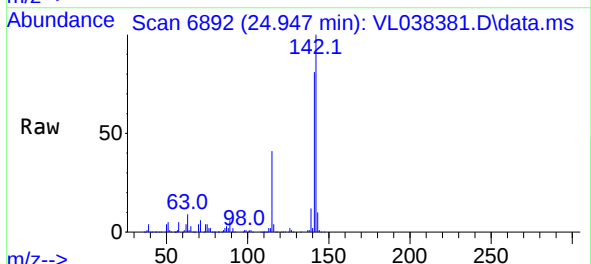
Tgt Ion:128 Resp: 2833740
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 10.8 8.8 13.2

Manual Integrations
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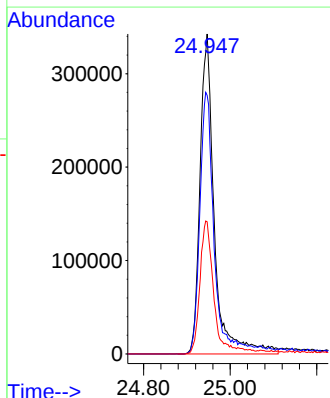
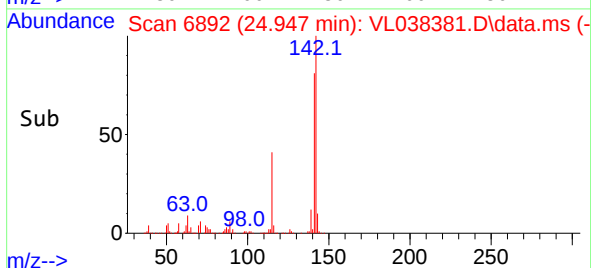
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

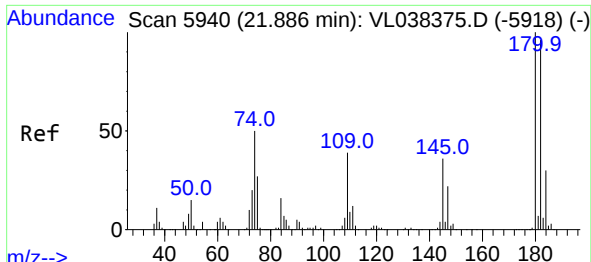


#80
Naphthalene,2-methyl-
Concen: 48.351 ppbv
RT: 24.947 min Scan# 6892
Delta R.T. 0.000 min
Lab File: VL038381.D
Acq: 22 Feb 2022 7:56



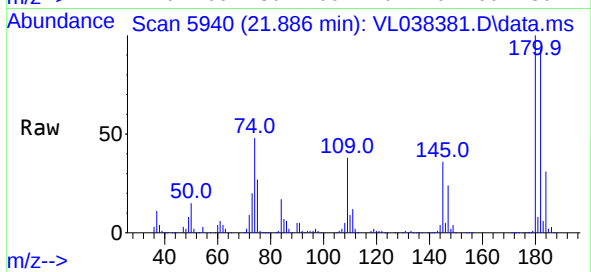
Tgt Ion:142 Resp: 784578
Ion Ratio Lower Upper
142 100
141 85.7 69.8 104.6
115 41.8 33.0 49.6





#81
 1,2,4-Trichlorobenzene
 Concen: 20.557 ppbv
 RT: 21.886 min Scan# 5940
 Delta R.T. 0.000 min
 Lab File: VL038381.D
 Acq: 22 Feb 2022 7:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015



Tgt Ion:180 Resp: 1547772
 Ion Ratio Lower Upper
 180 100
 182 97.5 77.4 116.2
 184 31.2 24.9 37.3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/23/2022
 Supervised By :Amit Patel 02/23/2022

