

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040522\
 Data File : VL038814.D
 Acq On : 5 Apr 2022 17:13
 Operator : SY/AP
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/07/2022
 Supervised By :Semsettin Yesilyurt 04/07/2022

Quant Time: Apr 05 19:43:50 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Apr 05 17:22:42 2022

QLast Update : Tue Apr 05 17:22:42 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.664	49	1453284	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.169	114	4008373	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.076	117	3692749	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.407 95 2750913 9.716 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.050	85	239790	1.227	ppbv	95
3) Chlorodifluoromethane	2.989	51	187367	1.221	ppbv	98
4) Chloromethane	3.140	50	97414	1.156	ppbv	91
5) Vinyl Chloride	3.259	62	83661	0.977	ppbv	93
6) Bromomethane	3.478	94	42110	0.922	ppbv	97
7) Chloroethane	3.558	64	29335m	1.035	ppbv	
8) Dichlorotetrafluoroethane	3.192	85	207359	1.063	ppbv	99
9) Propene	3.012	41	100858	1.361	ppbv	92
10) Heptane	8.118	43	247916	1.400	ppbv	97
11) Trichlorofluoromethane	3.954	101	164207	0.952	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.484	101	136696	1.030	ppbv	98
13) Ethanol	3.616	45	6939m	0.849	ppbv	
14) Bromoethene	3.738	108	56021m	0.950	ppbv	
15) Acetone	3.861	43	150948m	1.204	ppbv	
16) 1,3-Butadiene	3.333	39	88624	1.245	ppbv	97
17) tert-Butyl alcohol	4.298	59	139342m	1.272	ppbv	
18) 1,1-Dichloroethene	4.295	96	58674	0.984	ppbv #	66
19) Isopropyl Alcohol	3.976	45	68182	0.981	ppbv #	100
20) Methylene Chloride	4.346	84	54343	1.029	ppbv	95
21) Allyl Chloride	4.417	41	109512	1.213	ppbv	100
22) trans-1,2-Dichloroethene	4.883	96	55606	0.899	ppbv	83
23) Vinyl Acetate	5.076	43	137440	1.132	ppbv #	95
24) 1,1-Dichloroethane	5.008	63	131166	1.097	ppbv	99
25) Ethyl Acetate	5.684	43	390753	1.238	ppbv	99
26) Hexane	5.687	57	184804m	1.308	ppbv	
27) Carbon Disulfide	4.552	76	151137	1.090	ppbv #	88
28) Methyl tert-Butyl Ether	5.041	73	131426	1.248	ppbv	97
29) Chloroform	5.748	83	251822	1.113	ppbv	93
30) Cyclohexane	7.124	84	153470	1.249	ppbv #	73
31) cis-1,2-Dichloroethene	5.549	61	151923	1.143	ppbv	98
32) 1,1,1-Trichloroethane	6.507	97	251464	1.152	ppbv	99
34) 2-Butanone	5.253	43	164658m	1.038	ppbv	
35) Carbon Tetrachloride	7.015	117	245512	1.056	ppbv	90
36) Benzene	6.886	78	384751	1.244	ppbv	99
37) 1,2-Dichloroethane	6.301	62	155946	0.991	ppbv	96
38) Trichloroethene	7.828	130	143318	1.106	ppbv	94
39) 1,2-Dichloropropane	7.606	63	141910	1.173	ppbv	96
40) 1,4-Dioxane	7.851	88	52220m	1.243	ppbv	
41) Tetrahydrofuran	6.060	42	157759m	1.336	ppbv	
42) Bromodichloromethane	7.780	83	273326m	1.158	ppbv	
43) Methyl Methacrylate	8.012	69	136777	1.191	ppbv	93
44) 2,2,4-Trimethylpentane	7.864	57	663693	1.278	ppbv	99
45) t-1,3-Dichloropropene	9.275	75	135252	1.158	ppbv	99

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QLast Update : Tue Apr 05 17:22:42 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.696	75	181284	1.148	ppbv	97
47) 1,1,2-Trichloroethane	9.465	97	153165m	1.186	ppbv	
48) Dibromochloromethane	10.301	129	231483m	1.145	ppbv	
49) Bromoform	13.031	173	182765m	1.109	ppbv	
50) 4-Methyl-2-Pentanone	8.748	43	370833	1.257	ppbv	96
51) 2-Hexanone	10.143	43	242291	1.144	ppbv #	90
52) Tetrachloroethene	11.214	164	129623m	1.145	ppbv	
53) Toluene	9.799	91	445007	1.339	ppbv	99
54) 1,2-Dibromoethane	10.606	107	200040	1.135	ppbv	92
56) 1,1,1,2-Tetrachloroethane	12.121	131	170984	1.117	ppbv #	1
57) Chlorobenzene	12.140	112	317681	1.193	ppbv #	93
58) Ethyl Benzene	12.703	91	592267	1.372	ppbv	93
59) m/p-Xylene	12.989	91	1003151m	2.656	ppbv	
60) o-Xylene	13.683	91	485960	1.355	ppbv	96
61) Styrene	13.523	104	268895	1.383	ppbv	100
62) Isopropylbenzene	14.658	105	698796	1.296	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.670	83	275223	0.991	ppbv	98
64) n-propylbenzene	15.551	120	178684	1.263	ppbv	80
65) tert-Butylbenzene	16.738	119	642363	1.326	ppbv	98
66) Benzyl Chloride	16.979	91	95431	1.041	ppbv #	93
67) sec-Butylbenzene	17.288	105	887638	1.281	ppbv	98
69) p-Isopropyltoluene	17.641	119	717447	1.269	ppbv	100
70) n-Butylbenzene	18.542	91	707696	1.214	ppbv	98
71) 2-Chlorotoluene	15.445	91	523295	1.308	ppbv	100
72) 4-Ethyltoluene	15.828	105	535013	1.264	ppbv	98
73) 1,3,5-Trimethylbenzene	15.989	105	499001	1.294	ppbv	93
74) 1,2,4-Trimethylbenzene	16.754	105	544023	1.295	ppbv	97
75) 1,3-Dichlorobenzene	16.985	146	299277	1.118	ppbv	99
76) 1,4-Dichlorobenzene	17.130	146	303622m	1.141	ppbv	
77) 1,2-Dichlorobenzene	17.809	146	286289	1.080	ppbv	95
78) Hexachloro-1,3-Butadiene	23.361	225	259508m	1.059	ppbv	
79) Naphthalene	22.194	128	372205	1.160	ppbv	96
80) Naphthalene,2-methyl-	24.969	142	68281	0.793	ppbv #	86
81) 1,2,4-Trichlorobenzene	21.911	180	221182m	1.007	ppbv	

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

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ClientSampleId :
VSTDIC001

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APPROVED

Reviewed By :Mahesh Dadoda 04/07/2022
Supervised By :Semsettin Yesilyurt 04/07/2022

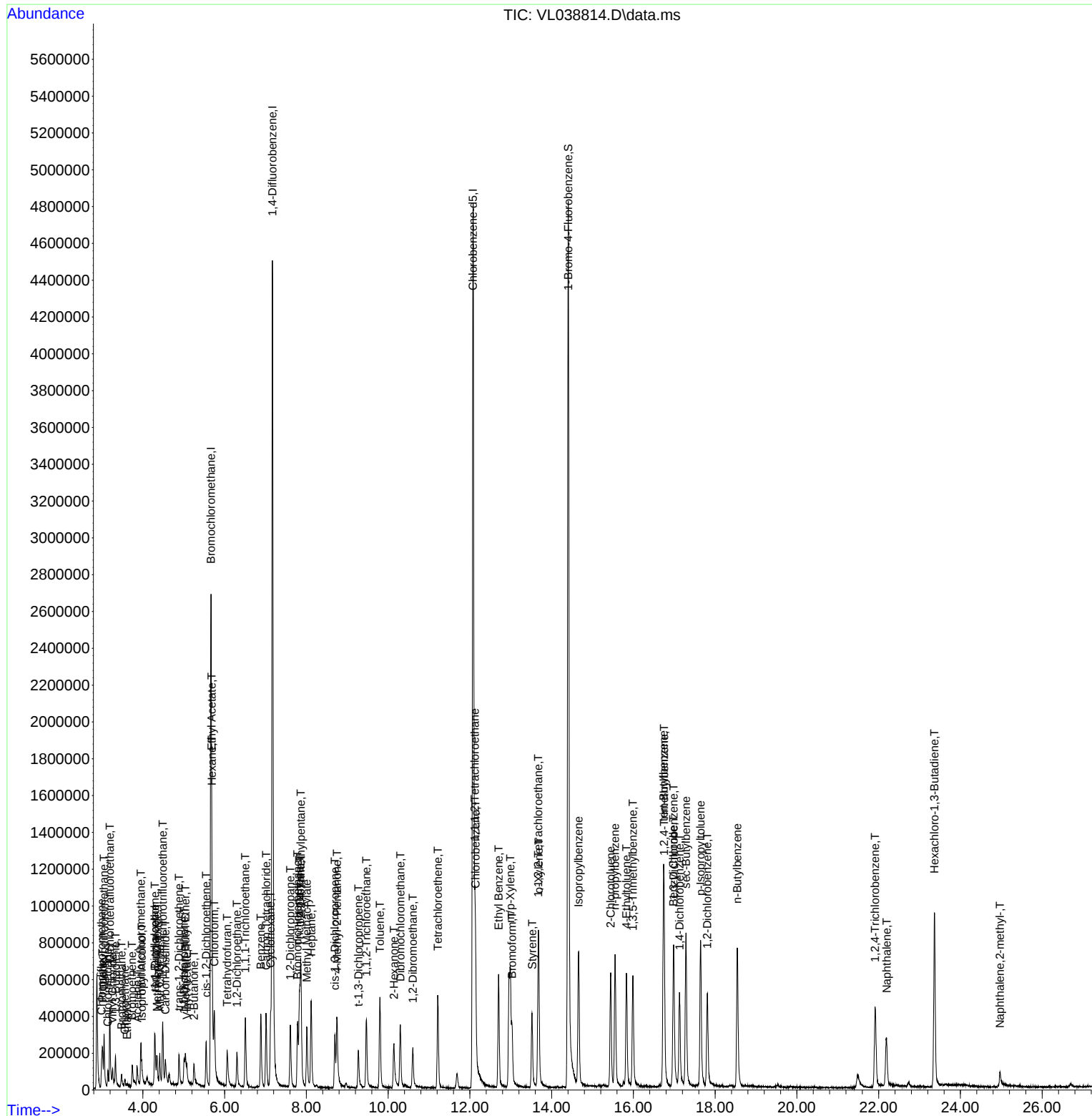
Quant Time: Apr 05 19:43:50 2022

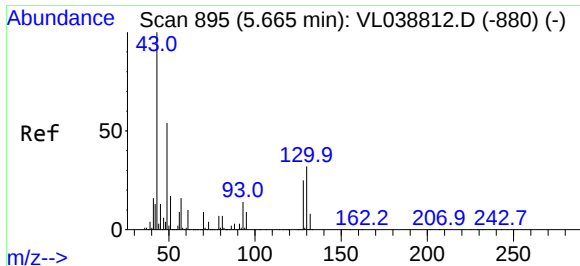
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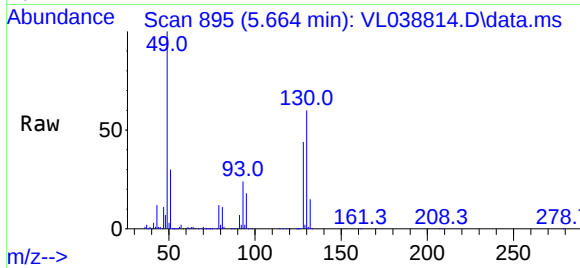
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.664 min Scan# 895
Delta R.T. -0.000 min
Lab File: VL038814.D
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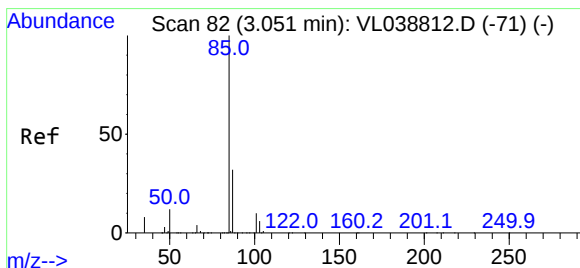
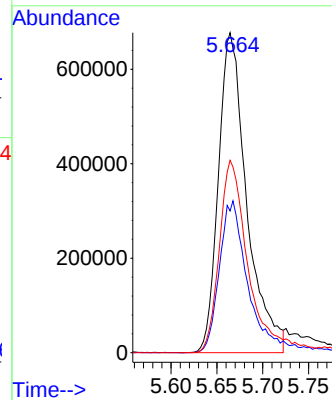
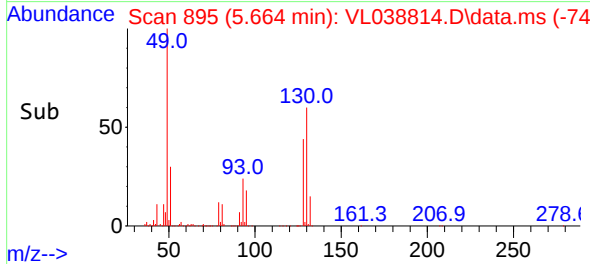
Instrument : MSVOA_L
ClientSampleId : VSTDIC001



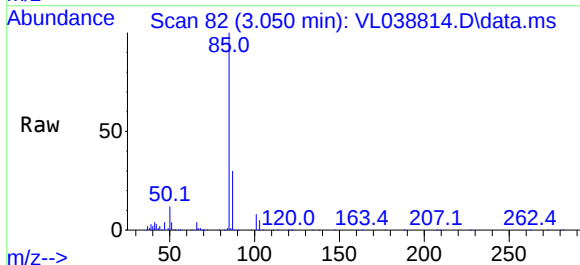
Tgt Ion: 49 Resp: 1453284
Ion Ratio Lower Upper
49 100
128 49.4 24.1 72.3
130 63.9 30.9 92.8

Manual Integrations
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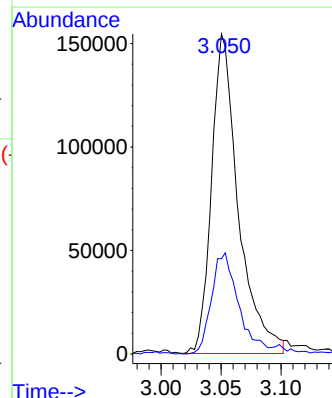
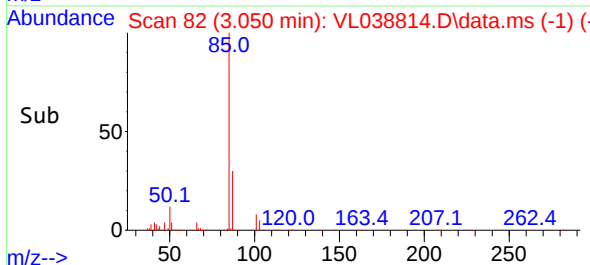
Reviewed By :Mahesh Dadoda 04/07/2022
Supervised By :Semsettin Yesilyurt 04/07/2022

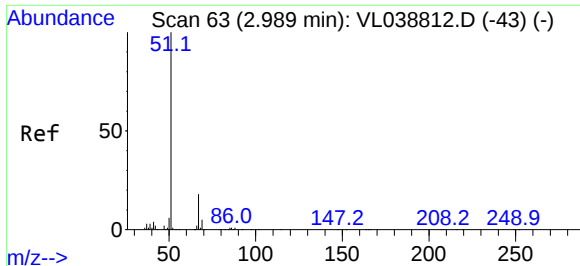


#2
Dichlorodifluoromethane
Concen: 1.227 ppbv
RT: 3.050 min Scan# 82
Delta R.T. -0.000 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13



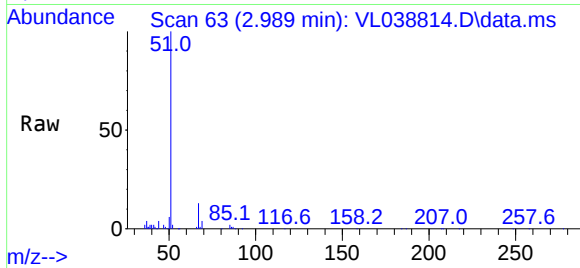
Tgt Ion: 85 Resp: 239790
Ion Ratio Lower Upper
85 100
87 29.9 25.9 38.9





#3
Chlorodifluoromethane
Concen: 1.221 ppbv
RT: 2.989 min Scan# 61
Delta R.T. -0.000 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

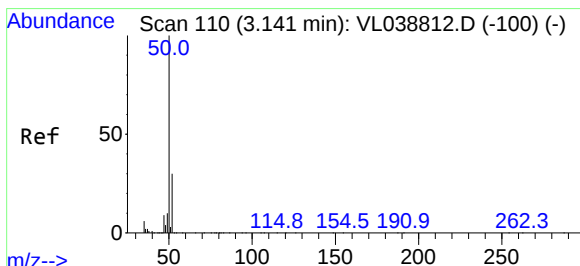
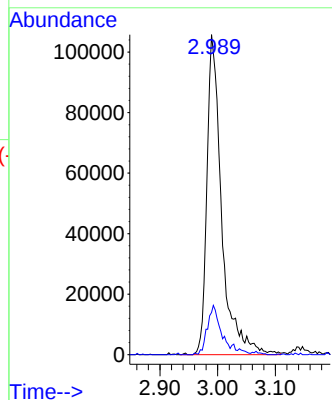
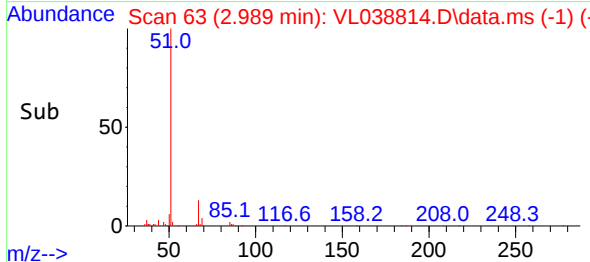
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



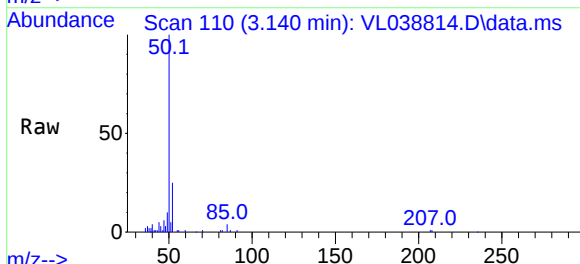
Tgt Ion: 51 Resp: 18736
Ion Ratio Lower Upper
51 100
67 16.0 13.4 20.0

Manual Integrations
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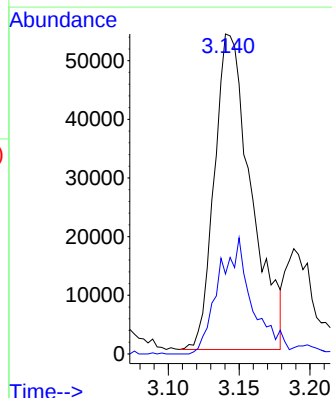
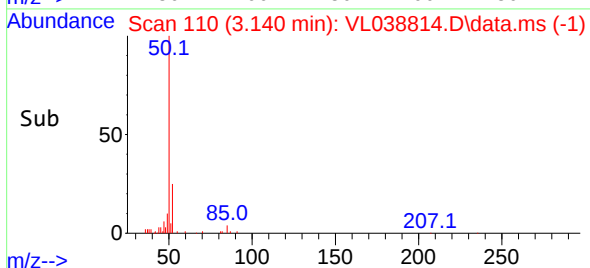
Reviewed By :Mahesh Dadoda 04/07/2022
Supervised By :Semsettin Yesilyurt 04/07/2022

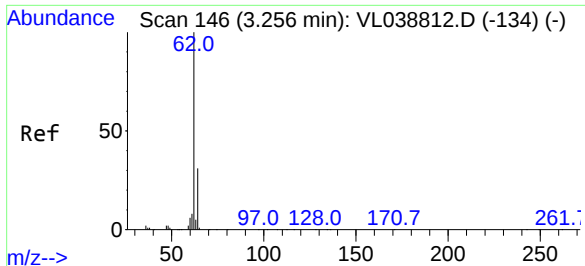


#4
Chloromethane
Concen: 1.156 ppbv
RT: 3.140 min Scan# 110
Delta R.T. -0.000 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13



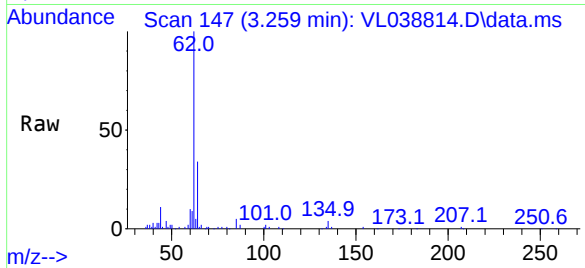
Tgt Ion: 50 Resp: 97414
Ion Ratio Lower Upper
50 100
52 25.3 24.3 36.5





#5
 Vinyl Chloride
 Concen: 0.977 ppbv
 RT: 3.259 min Scan# 146
 Delta R.T. 0.003 min
 Lab File: VL038814.D
 Acq: 5 Apr 2022 17:13

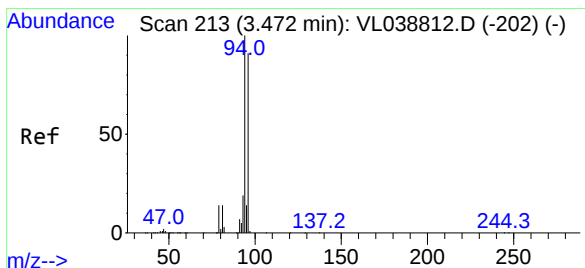
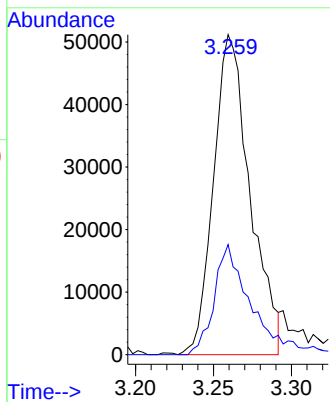
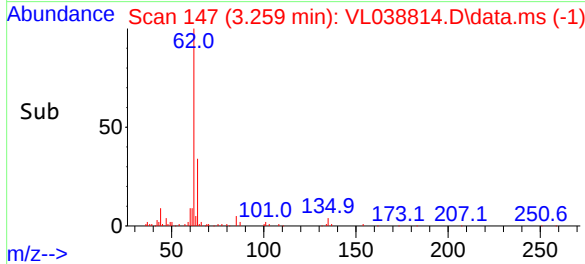
Instrument :
 MSVOA_L
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 VSTDIC001



Tgt Ion: 62 Resp: 8366
 Ion Ratio Lower Upper
 62 100
 64 34.4 24.6 37.0

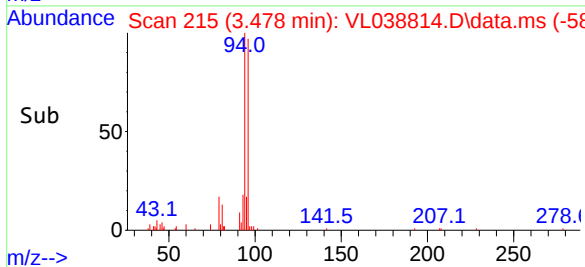
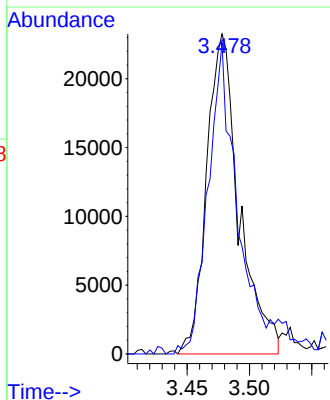
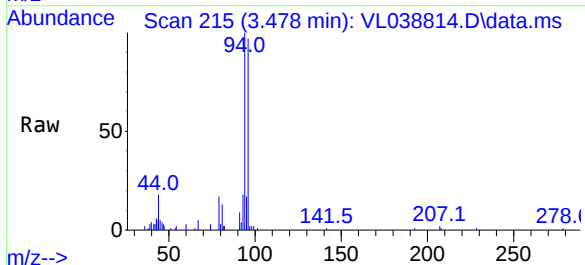
Manual Integrations
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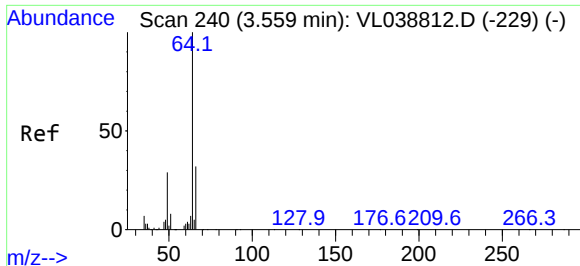
Reviewed By :Mahesh Dadoda 04/07/2022
 Supervised By :Semsettin Yesilyurt 04/07/2022



#6
 Bromomethane
 Concen: 0.922 ppbv
 RT: 3.478 min Scan# 215
 Delta R.T. 0.006 min
 Lab File: VL038814.D
 Acq: 5 Apr 2022 17:13

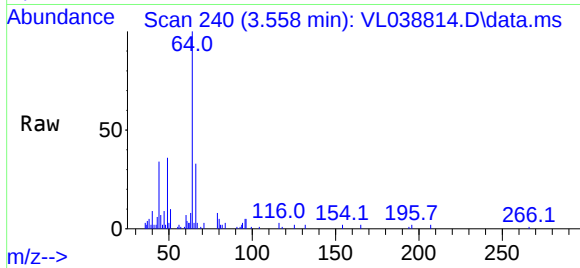
Tgt Ion: 94 Resp: 42110
 Ion Ratio Lower Upper
 94 100
 96 94.8 73.2 109.8





#7
Chloroethane
Concen: 1.035 ppbv m
RT: 3.558 min Scan# 240
Delta R.T. -0.000 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

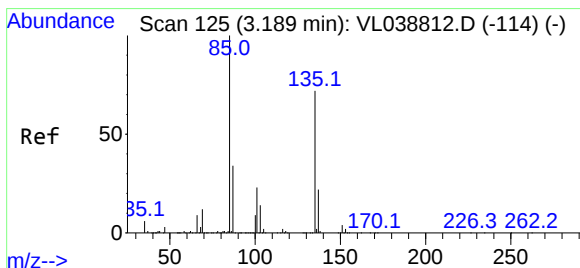
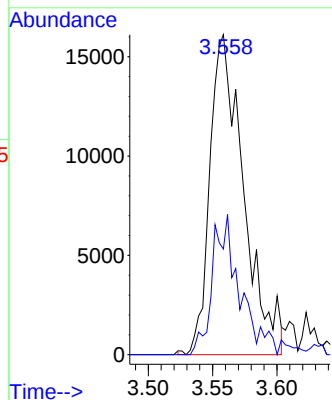
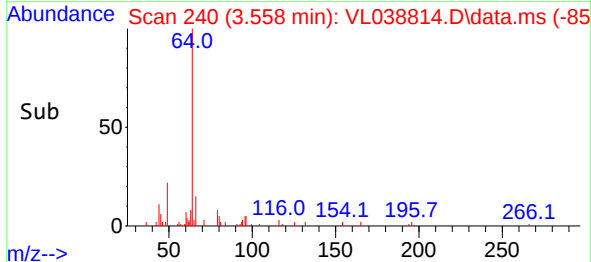
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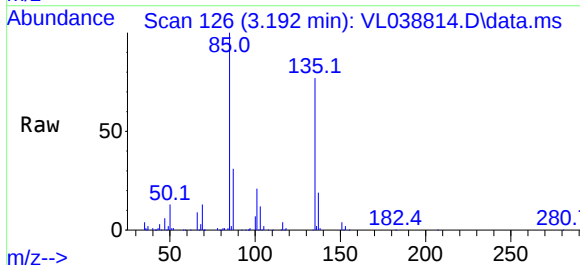
Tgt Ion: 64 Resp: 2933
Ion Ratio Lower Upper
64 100
66 33.0 25.4 38.2

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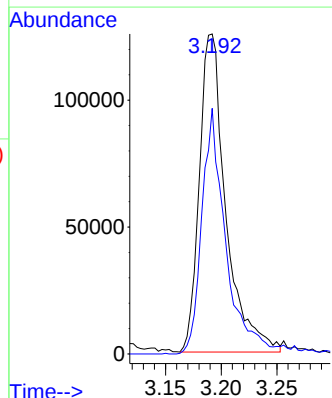
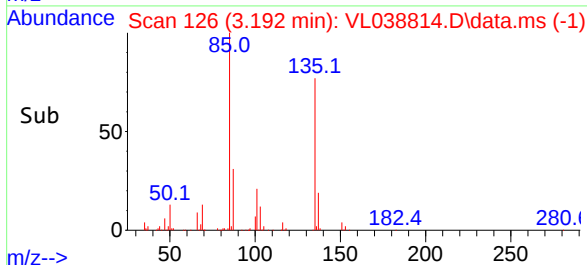
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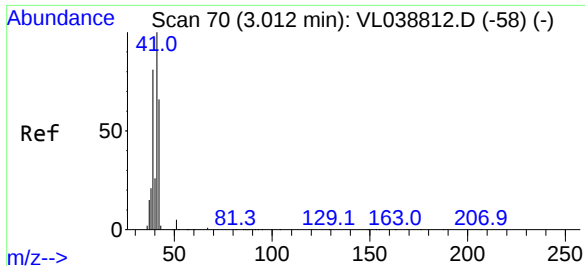


#8
Dichlorotetrafluoroethane
Concen: 1.063 ppbv
RT: 3.192 min Scan# 126
Delta R.T. 0.003 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13



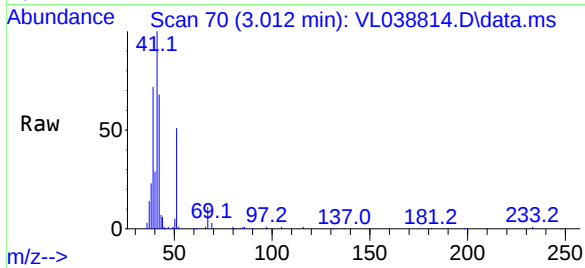
Tgt Ion: 85 Resp: 207359
Ion Ratio Lower Upper
85 100
135 72.2 57.0 85.6





#9
Propene
Concen: 1.361 ppbv
RT: 3.012 min Scan# 70
Delta R.T. -0.000 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

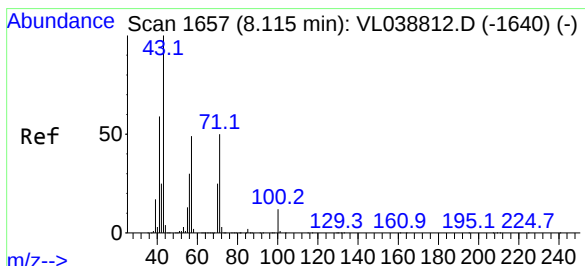
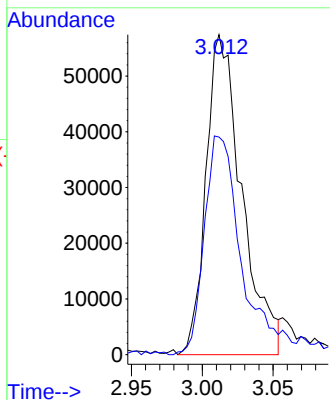
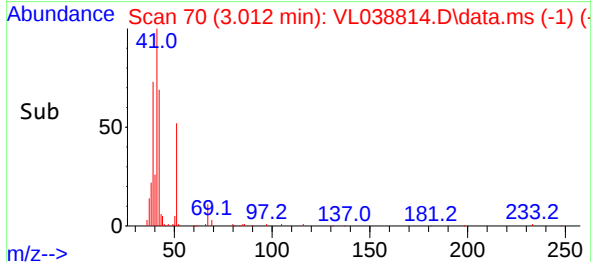
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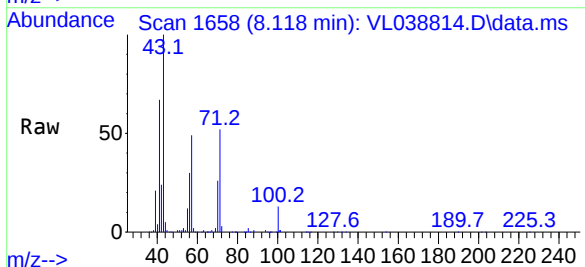
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Ion Ratio Lower Upper
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42 73.9 54.2 81.4

Manual Integrations
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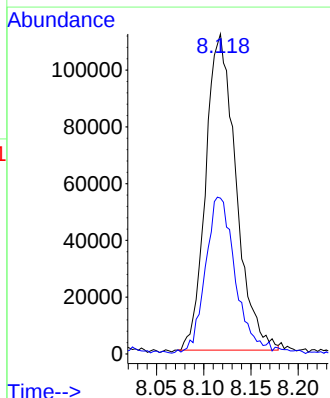
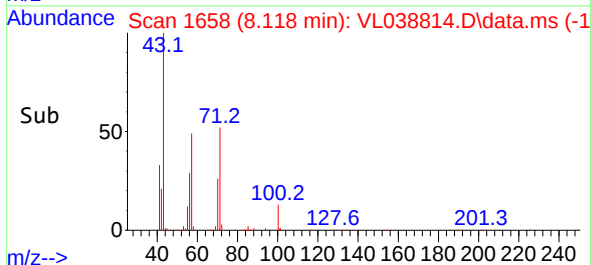
Reviewed By :Mahesh Dadoda 04/07/2022
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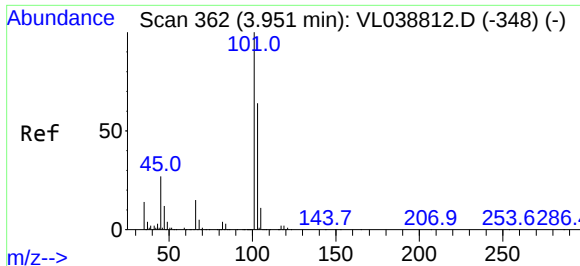


#10
Heptane
Concen: 1.400 ppbv
RT: 8.118 min Scan# 1658
Delta R.T. 0.003 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13



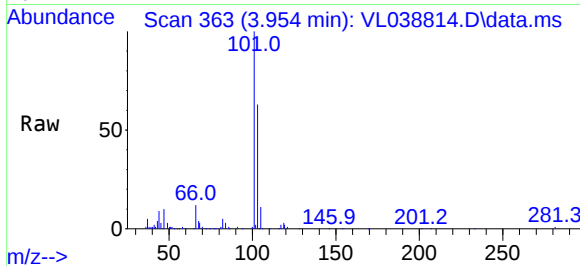
Tgt Ion: 43 Resp: 247916
Ion Ratio Lower Upper
43 100
57 51.0 39.3 58.9





#11
Trichlorofluoromethane
Concen: 0.952 ppbv
RT: 3.954 min Scan# 301
Delta R.T. 0.003 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

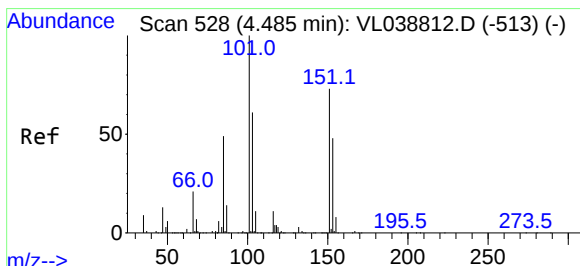
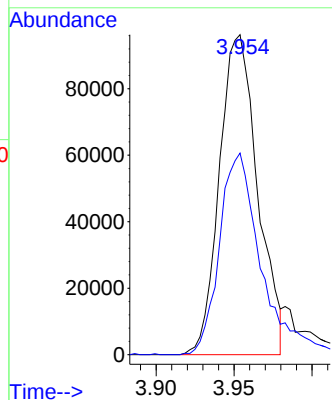
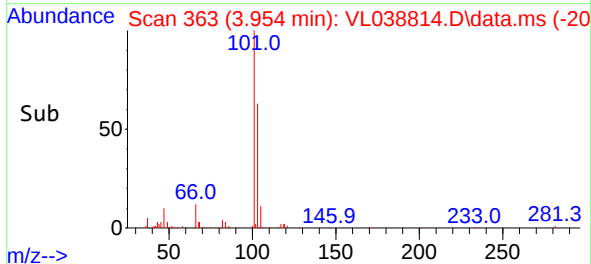
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



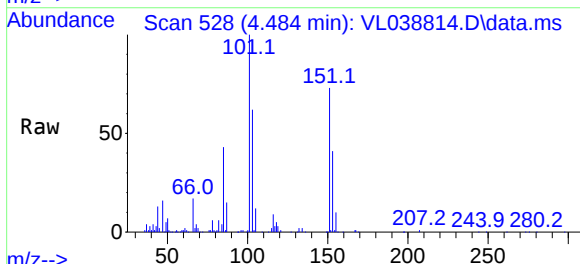
Tgt Ion:101 Resp: 16420
Ion Ratio Lower Upper
101 100
103 63.0 51.4 77.0

Manual Integrations
APPROVED

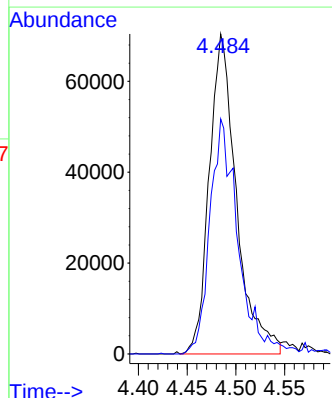
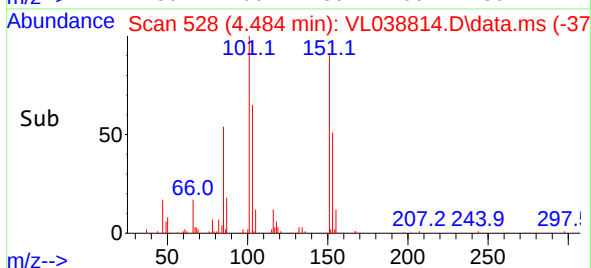
Reviewed By :Mahesh Dadoda 04/07/2022
Supervised By :Semsettin Yesilyurt 04/07/2022

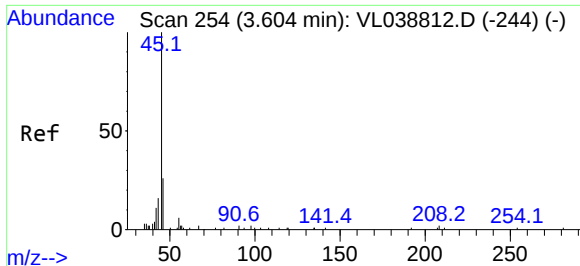


#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.030 ppbv
RT: 4.484 min Scan# 528
Delta R.T. -0.000 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13



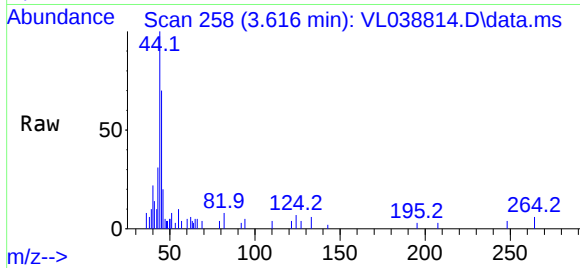
Tgt Ion:101 Resp: 136696
Ion Ratio Lower Upper
101 100
151 76.3 59.9 89.9





#13
Ethanol
Concen: 0.849 ppbv m
RT: 3.616 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

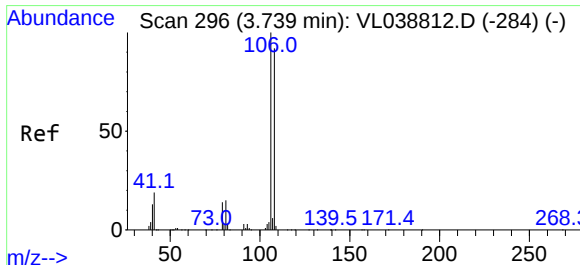
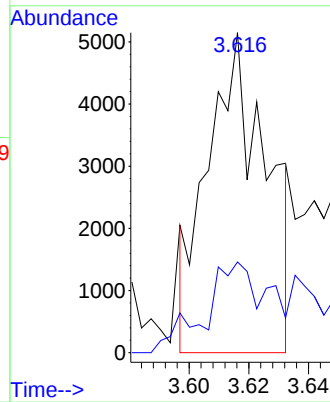
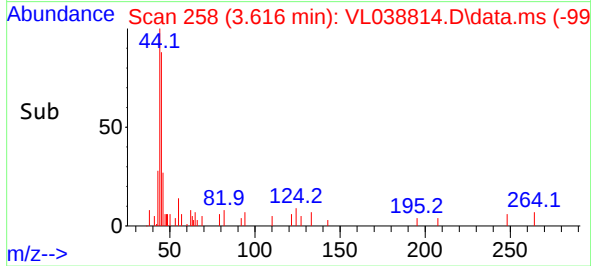
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



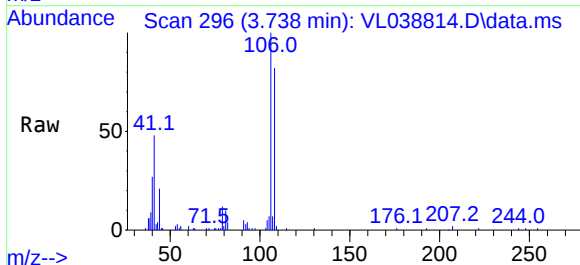
Tgt Ion: 45 Resp: 6939
Ion Ratio Lower Upper
45 100
46 49.5 0.0 0.0

Manual Integrations
APPROVED

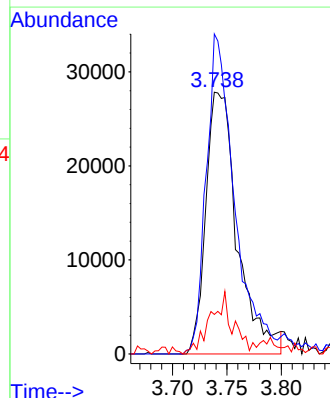
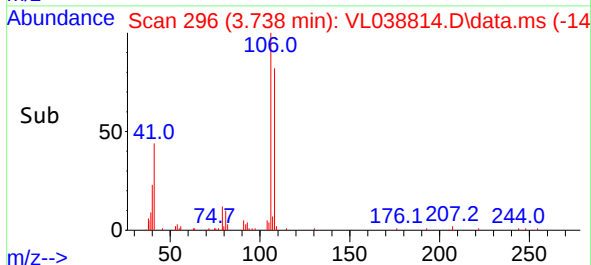
Reviewed By :Mahesh Dadoda 04/07/2022
Supervised By :Semsettin Yesilyurt 04/07/2022

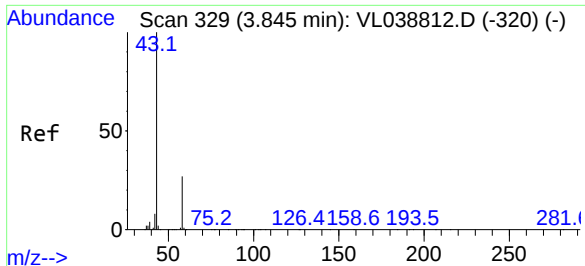


#14
Bromoethene
Concen: 0.950 ppbv m
RT: 3.738 min Scan# 296
Delta R.T. -0.000 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13



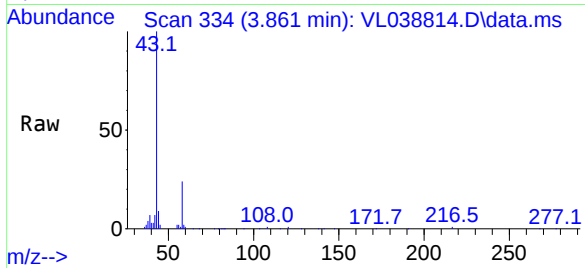
Tgt Ion:108 Resp: 56021
Ion Ratio Lower Upper
108 100
106 0.0 91.5 137.3#
79 18.1 13.7 20.5





#15
Acetone
Concen: 1.204 ppbv m
RT: 3.861 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

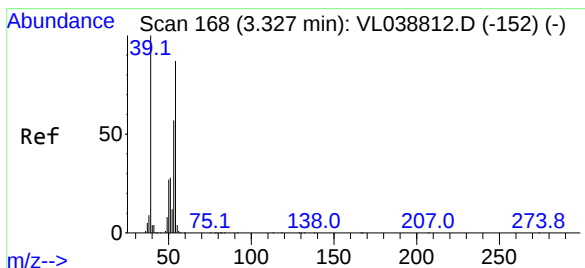
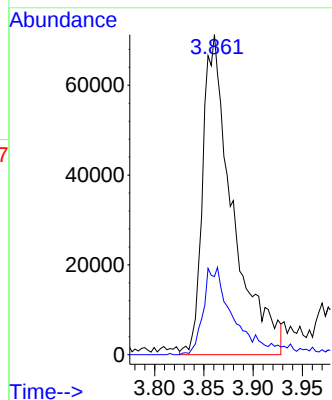
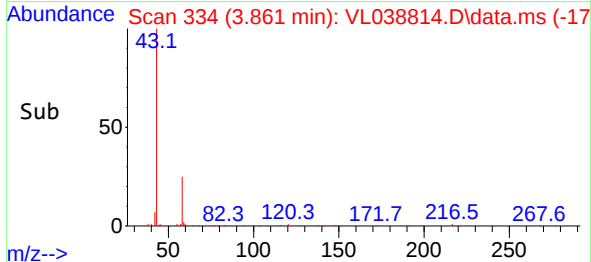
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 150948
Ion Ratio Lower Upper
43 100
58 30.5 22.5 33.7

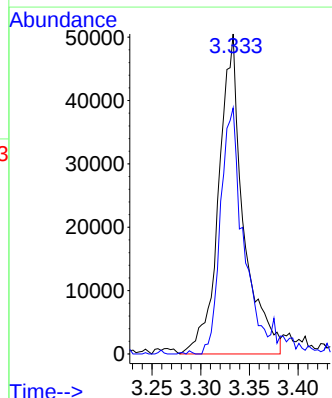
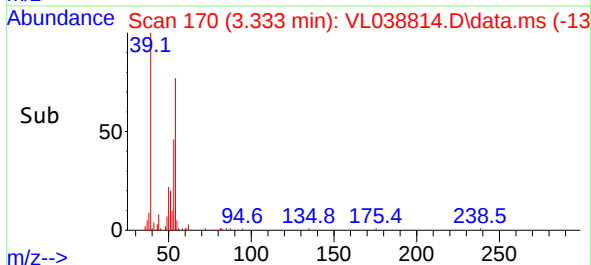
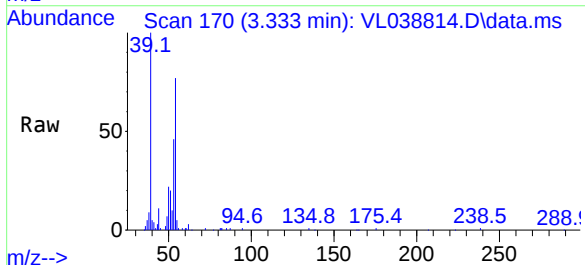
Manual Integrations
APPROVED

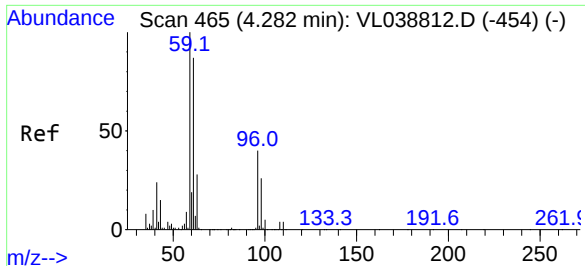
Reviewed By :Mahesh Dadoda 04/07/2022
Supervised By :Semsettin Yesilyurt 04/07/2022



#16
1,3-Butadiene
Concen: 1.245 ppbv
RT: 3.333 min Scan# 170
Delta R.T. 0.006 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

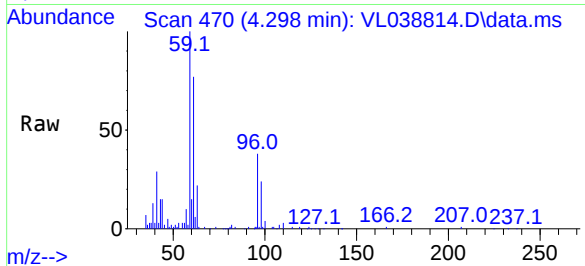
Tgt Ion: 39 Resp: 88624
Ion Ratio Lower Upper
39 100
54 78.6 64.8 97.2





#17
tert-Butyl alcohol
Concen: 1.272 ppbv
RT: 4.298 min Scan# 41
Delta R.T. 0.016 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

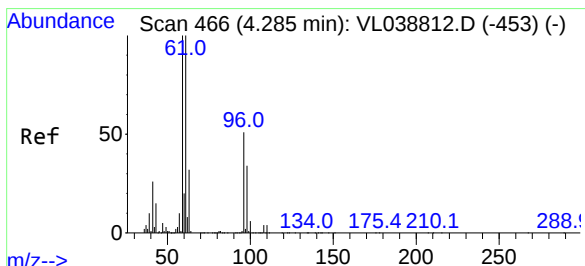
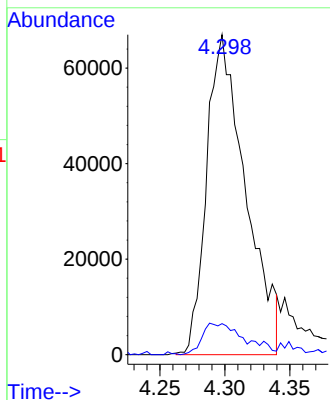
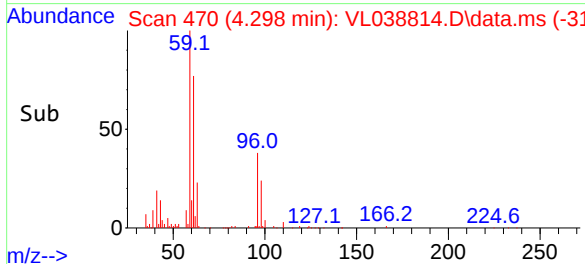
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



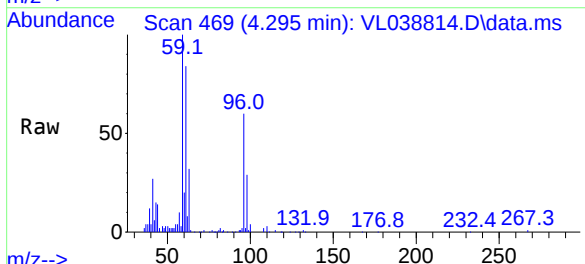
Tgt Ion: 59 Resp: 13934
Ion Ratio Lower Upper
59 100
57 0.9 8.5 12.7

Manual Integrations
APPROVED

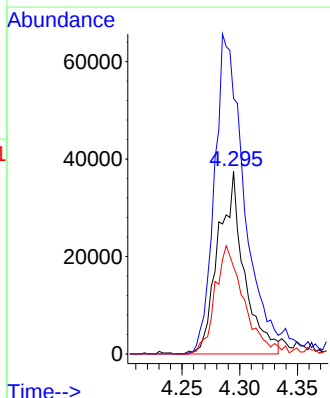
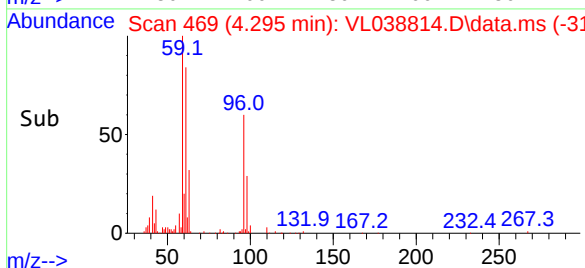
Reviewed By :Mahesh Dadoda 04/07/2022
Supervised By :Semsettin Yesilyurt 04/07/2022

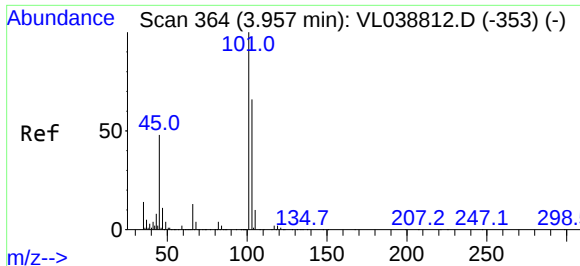


#18
1,1-Dichloroethene
Concen: 0.984 ppbv
RT: 4.295 min Scan# 469
Delta R.T. 0.009 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13



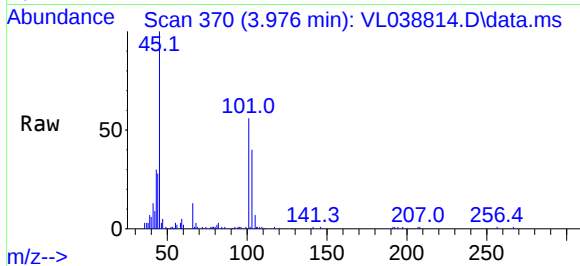
Tgt Ion: 96 Resp: 58674
Ion Ratio Lower Upper
96 100
61 139.7 156.1 234.1#
98 47.6 53.0 79.6#





#19
Isopropyl Alcohol
Concen: 0.981 ppbv
RT: 3.976 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

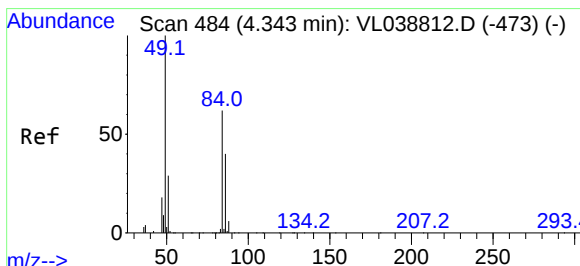
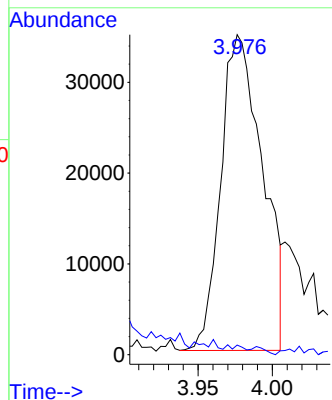
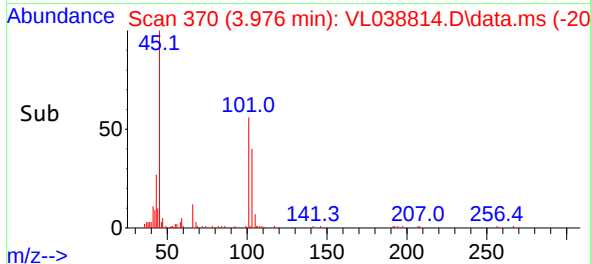
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



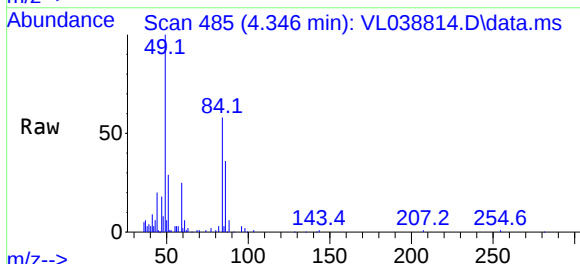
Tgt Ion: 45 Resp: 6818
Ion Ratio Lower Upper
45 100
58 3.4 0.0 0.0

Manual Integrations
APPROVED

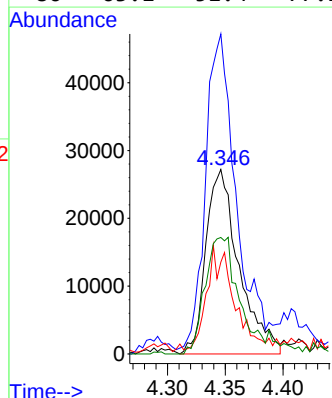
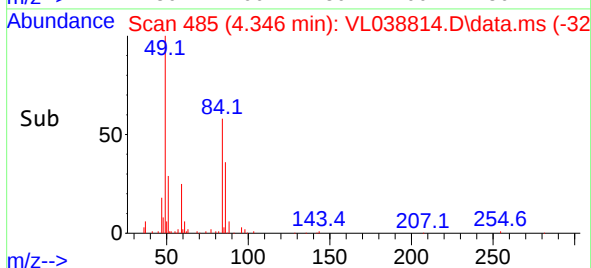
Reviewed By :Mahesh Dadoda 04/07/2022
Supervised By :Semsettin Yesilyurt 04/07/2022

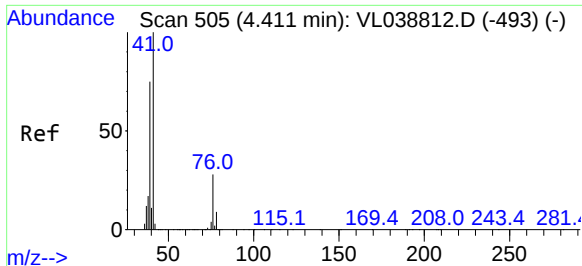


#20
Methylene Chloride
Concen: 1.029 ppbv
RT: 4.346 min Scan# 485
Delta R.T. 0.003 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13



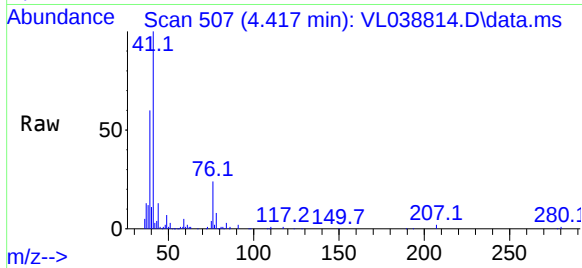
Tgt Ion: 84 Resp: 54343
Ion Ratio Lower Upper
84 100
49 170.3 129.4 194.0
51 44.9 37.4 56.2
86 63.1 51.4 77.2





#21
 Allyl Chloride
 Concen: 1.213 ppbv
 RT: 4.417 min Scan# 505
 Delta R.T. 0.006 min
 Lab File: VL038814.D
 Acq: 5 Apr 2022 17:13

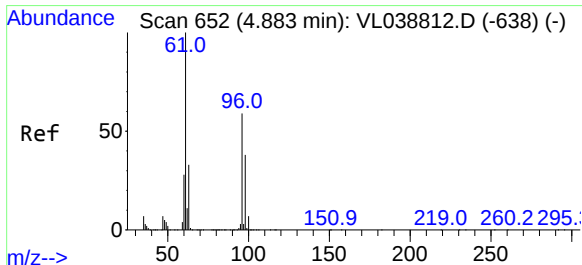
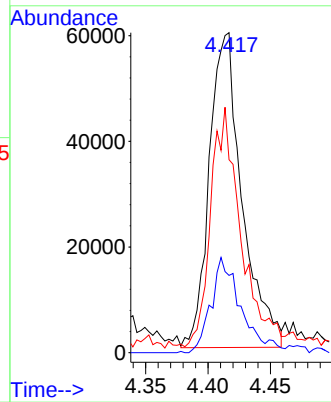
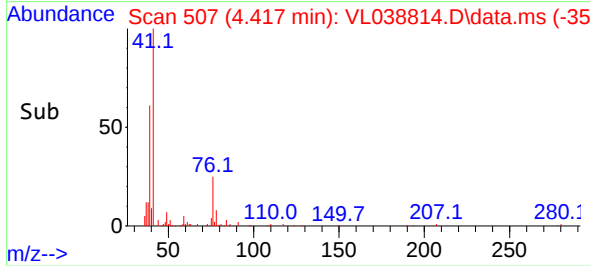
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



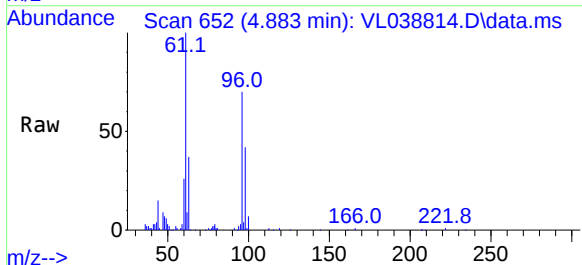
Tgt Ion: 41 Resp: 109512
 Ion Ratio Lower Upper
 41 100
 76 29.1 23.7 35.5
 39 77.7 62.0 93.0

Manual Integrations
 APPROVED

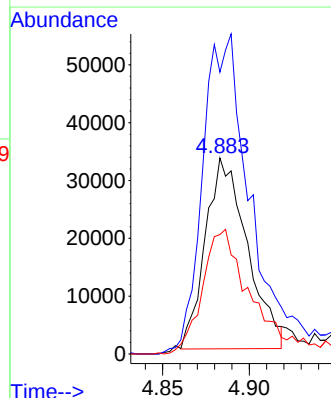
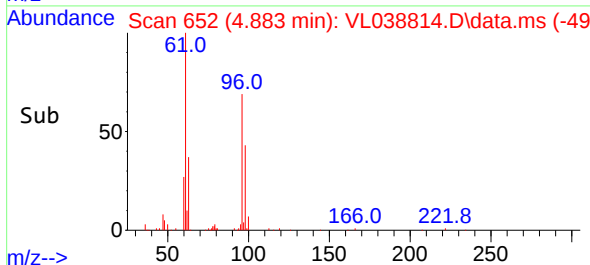
Reviewed By :Mahesh Dadoda 04/07/2022
 Supervised By :Semsettin Yesilyurt 04/07/2022

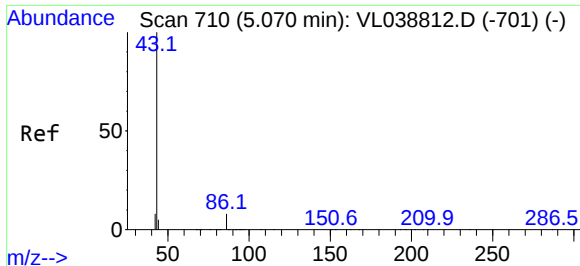


#22
 trans-1,2-Dichloroethene
 Concen: 0.899 ppbv
 RT: 4.883 min Scan# 652
 Delta R.T. -0.000 min
 Lab File: VL038814.D
 Acq: 5 Apr 2022 17:13



Tgt Ion: 96 Resp: 55606
 Ion Ratio Lower Upper
 96 100
 61 140.4 134.8 202.2
 98 57.6 51.9 77.9





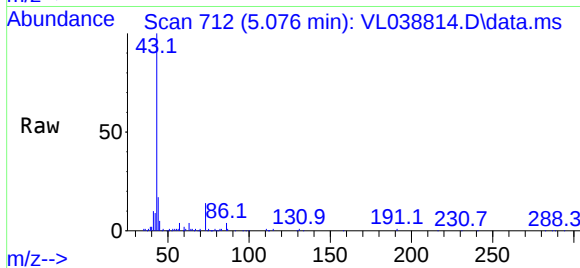
#23
 Vinyl Acetate
 Concen: 1.132 ppbv
 RT: 5.076 min Scan# 710
 Delta R.T. 0.006 min
 Lab File: VL038814.D
 Acq: 5 Apr 2022 17:13

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC001

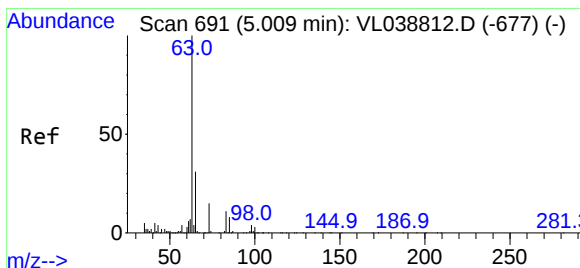
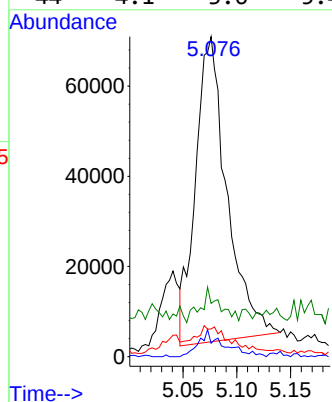
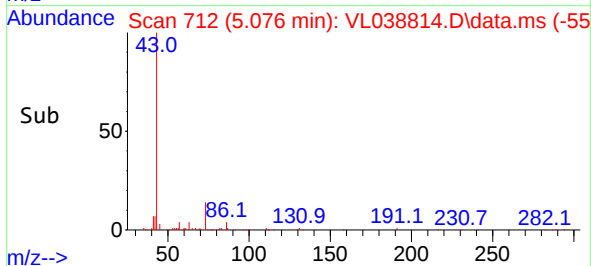


Tgt Ion: 43 Resp: 137440
 Ion Ratio Lower Upper
 43 100
 86 5.3 5.8 8.6
 42 7.1 7.8 11.6
 44 4.1 3.6 5.4

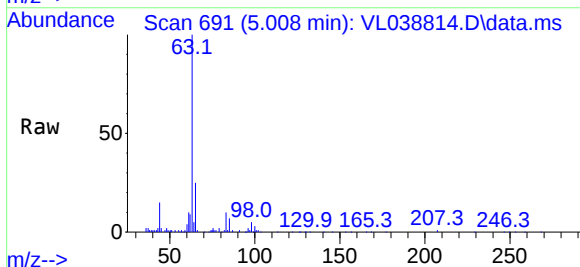
Manual Integrations

APPROVED

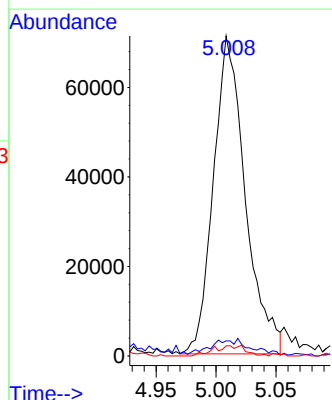
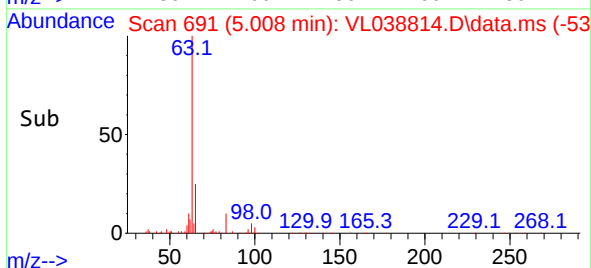
Reviewed By :Mahesh Dadoda 04/07/2022
 Supervised By :Semsettin Yesilyurt 04/07/2022

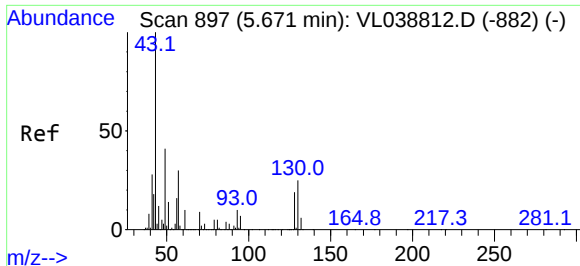


#24
 1,1-Dichloroethane
 Concen: 1.097 ppbv
 RT: 5.008 min Scan# 691
 Delta R.T. -0.000 min
 Lab File: VL038814.D
 Acq: 5 Apr 2022 17:13



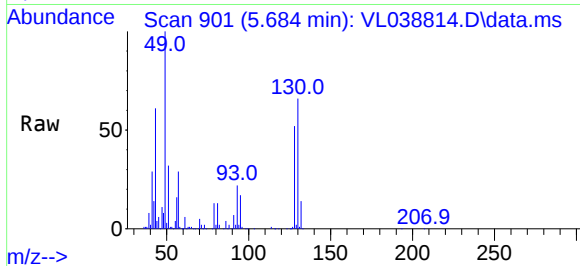
Tgt Ion: 63 Resp: 131166
 Ion Ratio Lower Upper
 63 100
 98 4.5 2.2 6.6
 100 3.2 1.4 4.0





#25
Ethyl Acetate
Concen: 1.238 ppbv
RT: 5.684 min Scan# 901
Delta R.T. 0.013 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

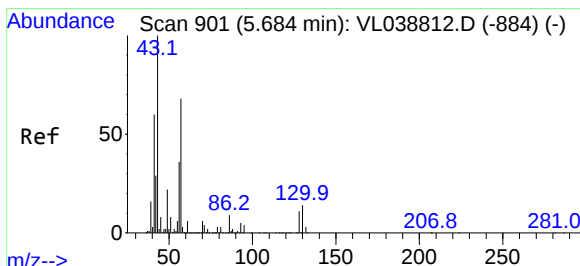
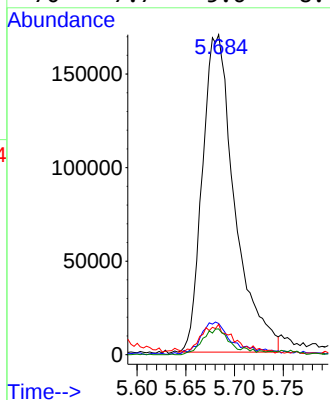
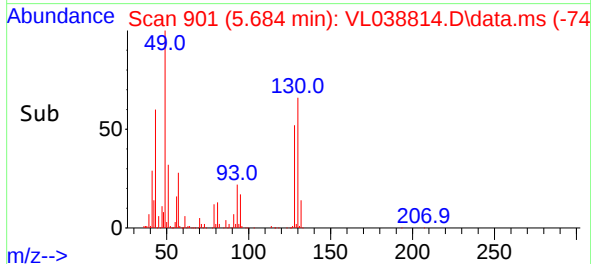
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



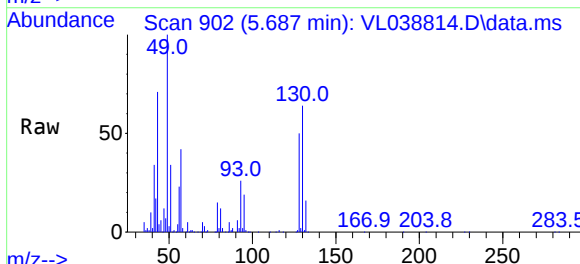
Tgt Ion: 43 Resp: 39075
Ion Ratio Lower Upper
43 100
45 11.0 8.4 12.6
61 10.3 7.9 11.9
70 7.7 5.6 8.4

Manual Integrations
APPROVED

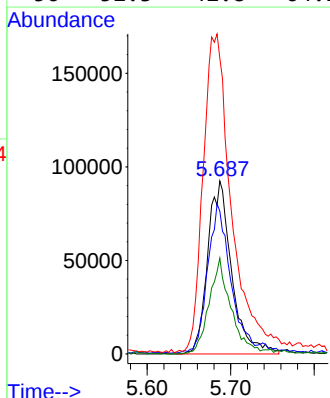
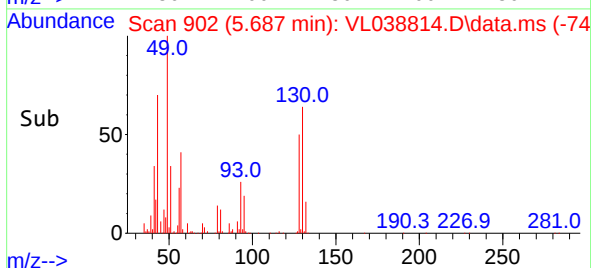
Reviewed By :Mahesh Dadoda 04/07/2022
Supervised By :Semsettin Yesilyurt 04/07/2022

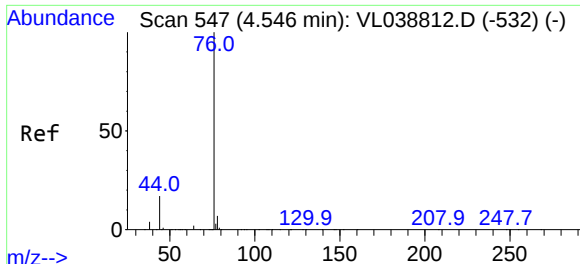


#26
Hexane
Concen: 1.308 ppbv m
RT: 5.687 min Scan# 902
Delta R.T. 0.003 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13



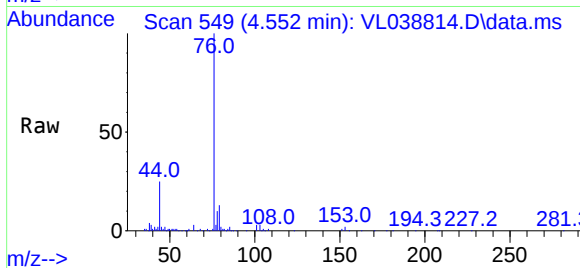
Tgt Ion: 57 Resp: 184804
Ion Ratio Lower Upper
57 100
41 85.6 72.0 108.0
43 225.0 186.6 280.0
56 52.3 42.8 64.2





#27
Carbon Disulfide
Concen: 1.090 ppbv
RT: 4.552 min Scan# 547
Delta R.T. 0.006 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

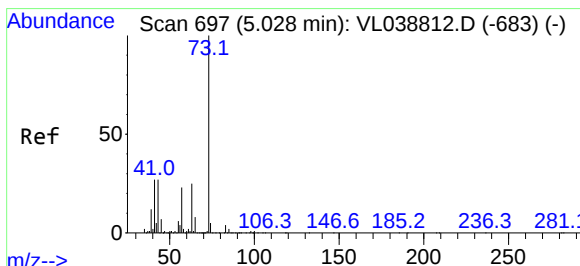
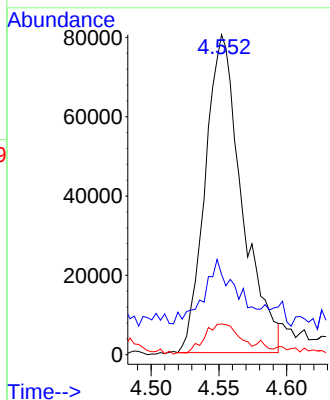
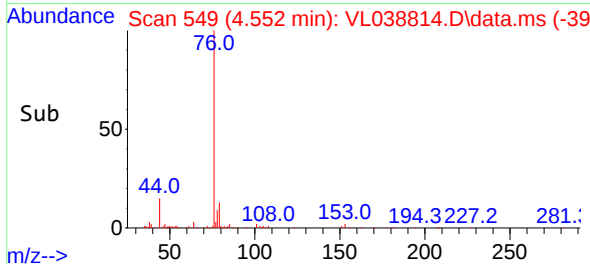
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



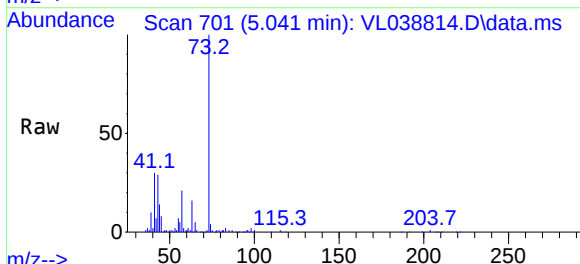
Tgt Ion: 76 Resp: 151137
Ion Ratio Lower Upper
76 100
44 25.6 15.7 23.5
78 13.7 7.8 11.8

Manual Integrations
APPROVED

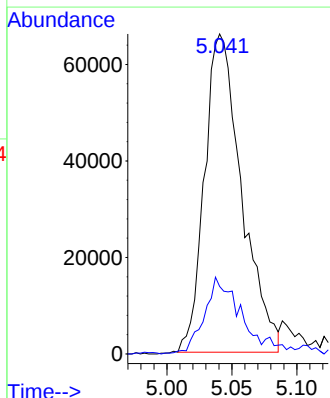
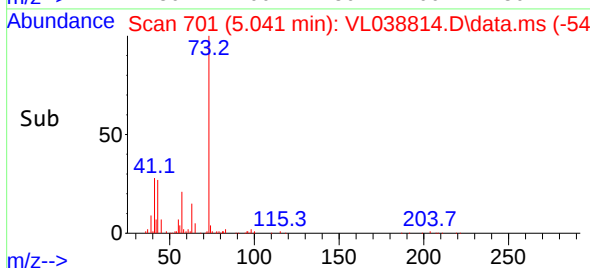
Reviewed By :Mahesh Dadoda 04/07/2022
Supervised By :Semsettin Yesilyurt 04/07/2022

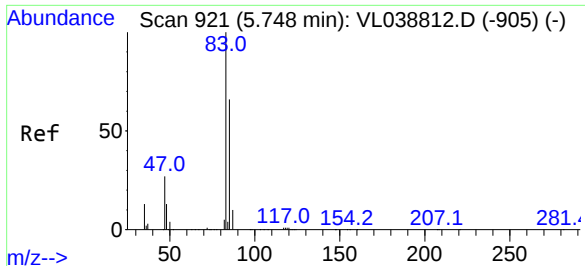


#28
Methyl tert-Butyl Ether
Concen: 1.248 ppbv
RT: 5.041 min Scan# 701
Delta R.T. 0.013 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13



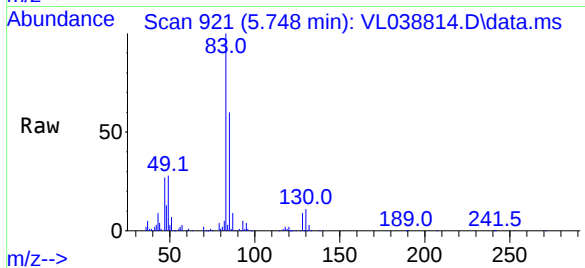
Tgt Ion: 73 Resp: 131426
Ion Ratio Lower Upper
73 100
57 25.9 19.7 29.5





#29
Chloroform
Concen: 1.113 ppbv
RT: 5.748 min Scan# 91
Delta R.T. -0.000 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

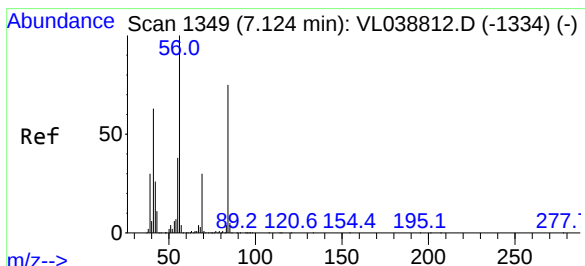
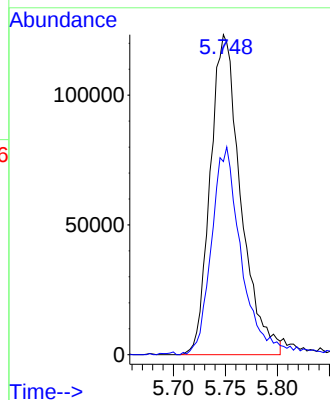
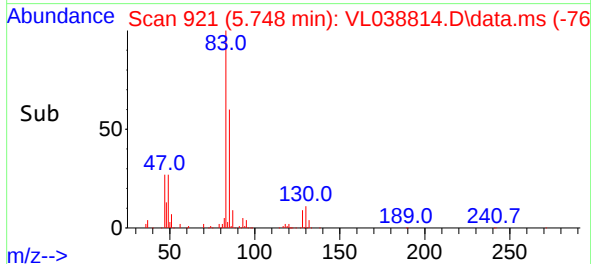
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



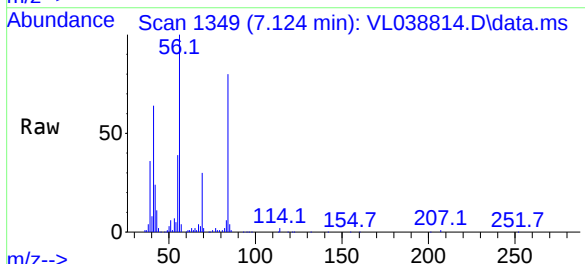
Tgt Ion: 83 Resp: 25182
Ion Ratio Lower Upper
83 100
85 60.4 52.5 78.7

Manual Integrations
APPROVED

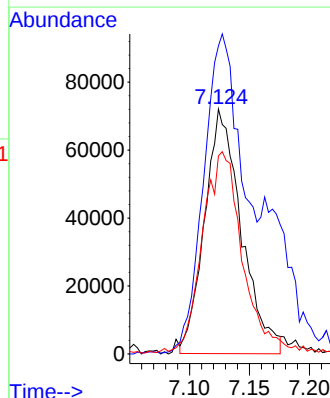
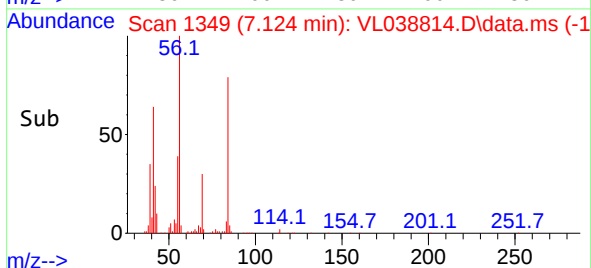
Reviewed By :Mahesh Dadoda 04/07/2022
Supervised By :Semsettin Yesilyurt 04/07/2022

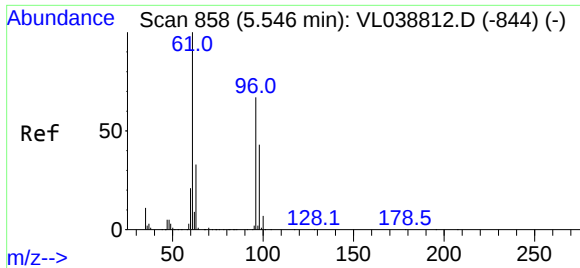


#30
Cyclohexane
Concen: 1.249 ppbv
RT: 7.124 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13



Tgt Ion: 84 Resp: 153470
Ion Ratio Lower Upper
84 100
56 194.4 114.4 171.6#
41 88.4 69.0 103.4





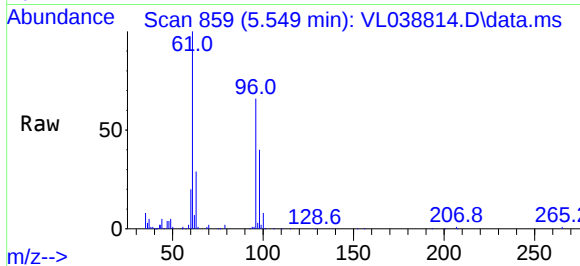
#31
 cis-1,2-Dichloroethene
 Concen: 1.143 ppbv
 RT: 5.549 min Scan# 858
 Delta R.T. 0.003 min
 Lab File: VL038814.D
 Acq: 5 Apr 2022 17:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

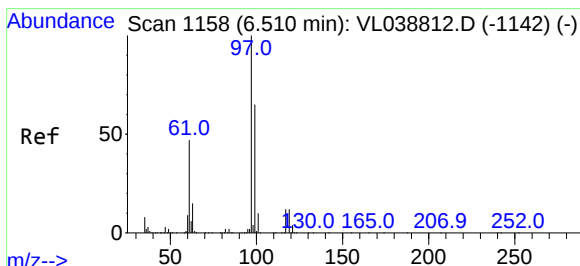
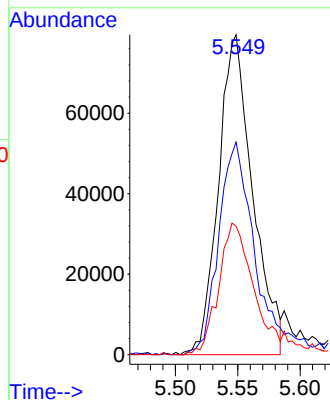
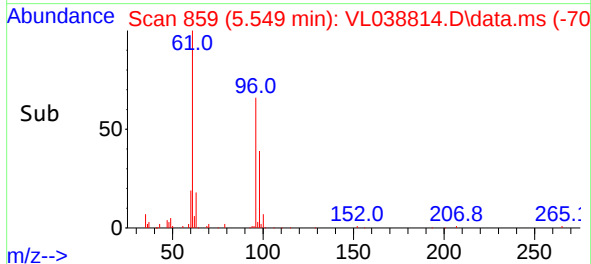


Tgt Ion: 61 Resp: 15192
 Ion Ratio Lower Upper
 61 100
 96 66.4 53.4 80.0
 98 40.2 34.2 51.4

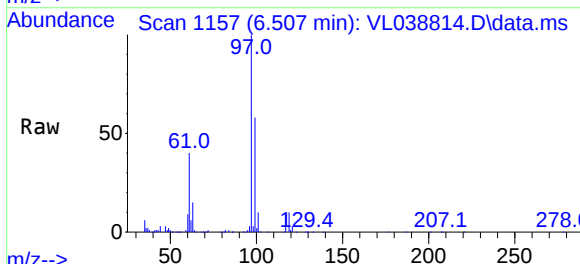
Manual Integrations

APPROVED

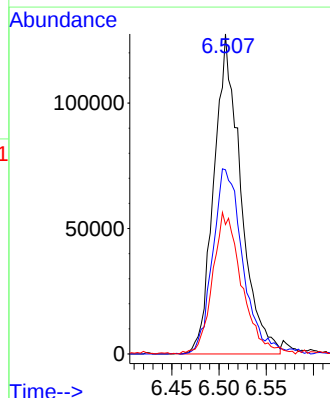
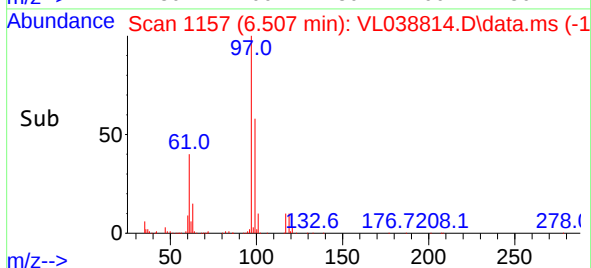
Reviewed By :Mahesh Dadoda 04/07/2022
 Supervised By :Semsettin Yesilyurt 04/07/2022

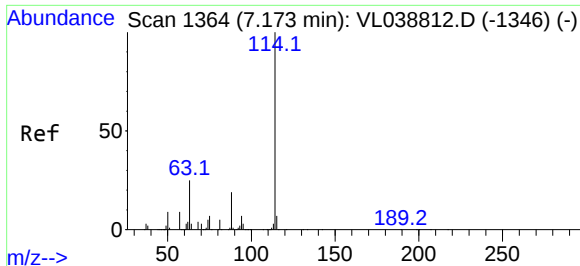


#32
 1,1,1-Trichloroethane
 Concen: 1.152 ppbv
 RT: 6.507 min Scan# 1157
 Delta R.T. -0.003 min
 Lab File: VL038814.D
 Acq: 5 Apr 2022 17:13



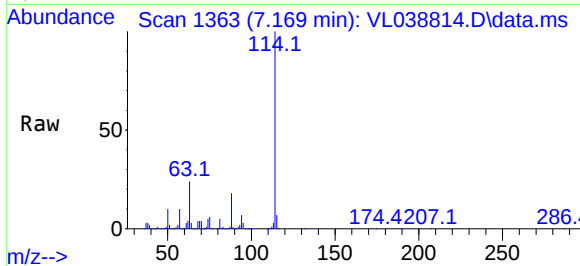
Tgt Ion: 97 Resp: 251464
 Ion Ratio Lower Upper
 97 100
 99 65.5 52.4 78.6
 61 49.3 38.6 57.8





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.169 min Scan# 114
Delta R.T. -0.003 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

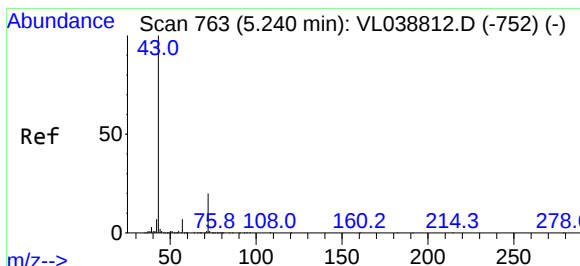
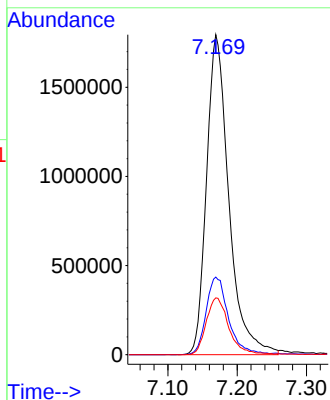
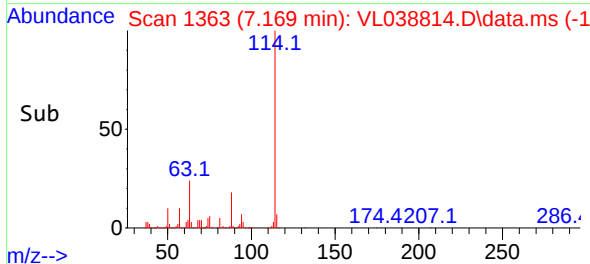
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



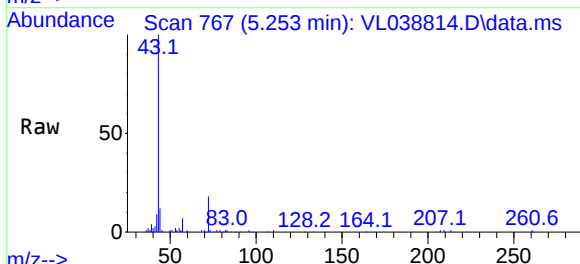
Tgt Ion:114 Resp: 400837
Ion Ratio Lower Upper
114 100
63 24.8 19.8 29.8
88 18.2 14.2 21.4

Manual Integrations
APPROVED

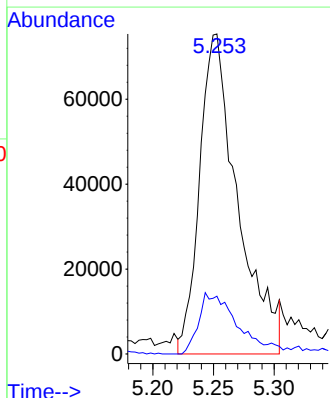
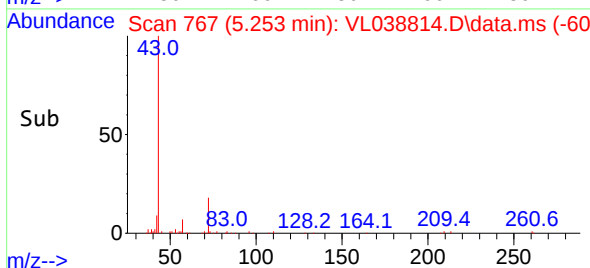
Reviewed By :Mahesh Dadoda 04/07/2022
Supervised By :Semsettin Yesilyurt 04/07/2022

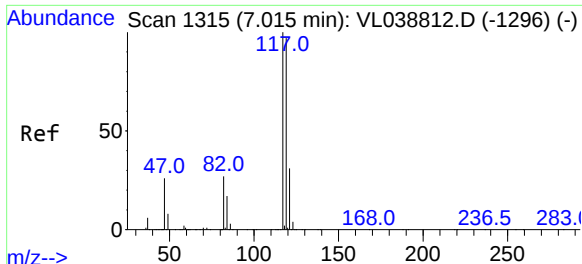


#34
2-Butanone
Concen: 1.038 ppbv m
RT: 5.253 min Scan# 767
Delta R.T. 0.013 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13



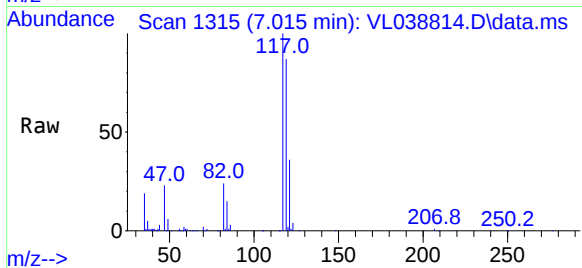
Tgt Ion: 43 Resp: 164658
Ion Ratio Lower Upper
43 100
72 21.3 16.9 25.3





#35
Carbon Tetrachloride
Concen: 1.056 ppbv
RT: 7.015 min Scan# 117
Delta R.T. -0.000 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

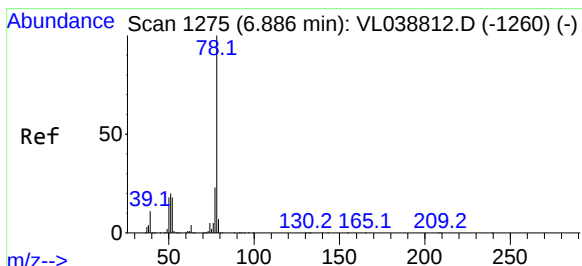
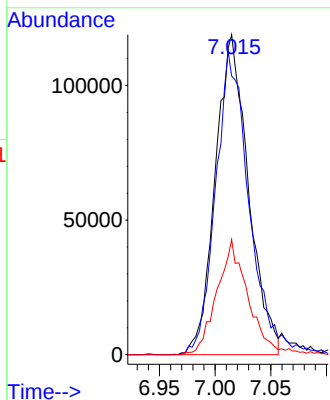
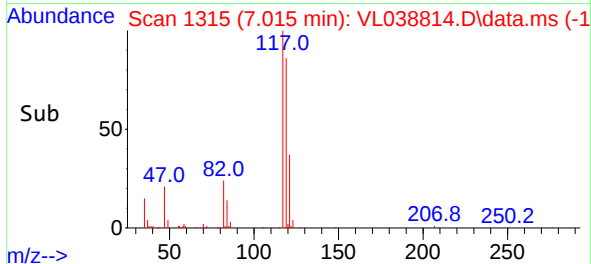
Instrument : MSVOA_L
ClientSampleId : VSTDIC001



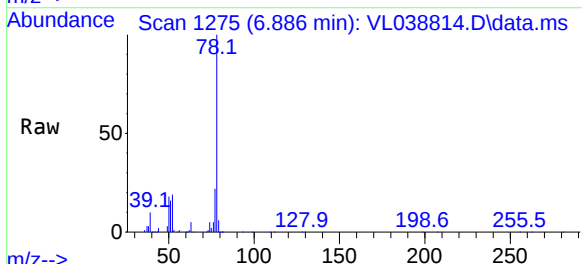
Tgt Ion: 117 Resp: 245512
Ion Ratio Lower Upper
117 100
119 87.1 77.7 116.5
121 36.0 24.5 36.7

Manual Integrations
APPROVED

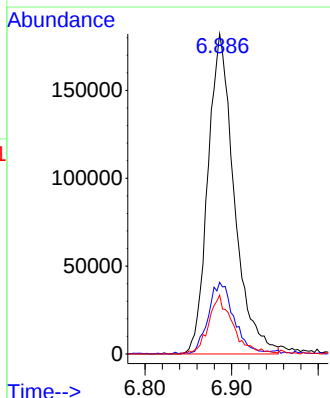
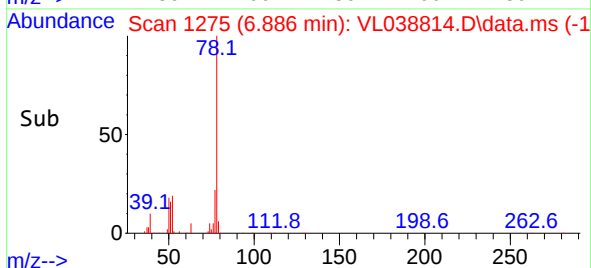
Reviewed By :Mahesh Dadoda 04/07/2022
Supervised By :Semsettin Yesilyurt 04/07/2022

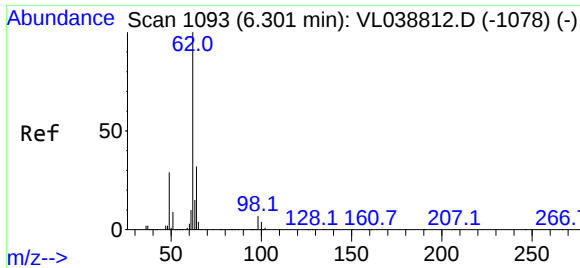


#36
Benzene
Concen: 1.244 ppbv
RT: 6.886 min Scan# 1275
Delta R.T. -0.000 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13



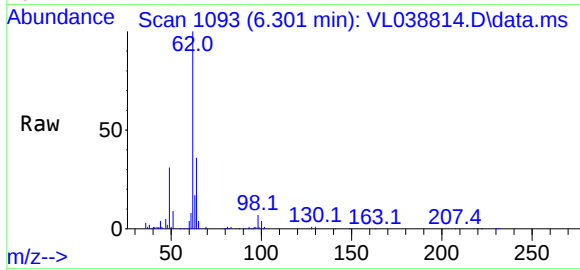
Tgt Ion: 78 Resp: 384751
Ion Ratio Lower Upper
78 100
77 22.2 18.2 27.2
50 18.4 14.0 21.0





#37
1,2-Dichloroethane
Concen: 0.991 ppbv
RT: 6.301 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

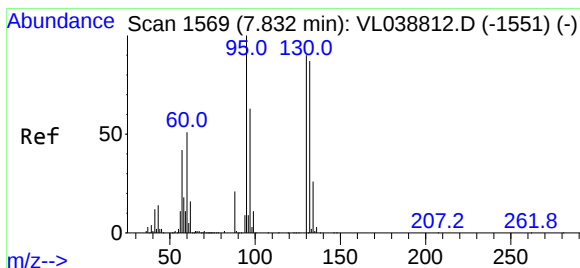
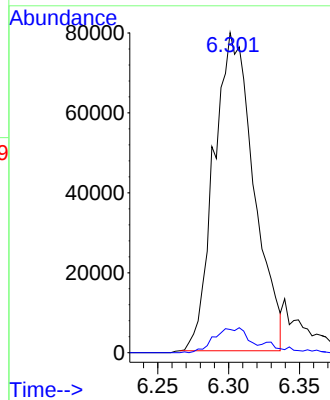
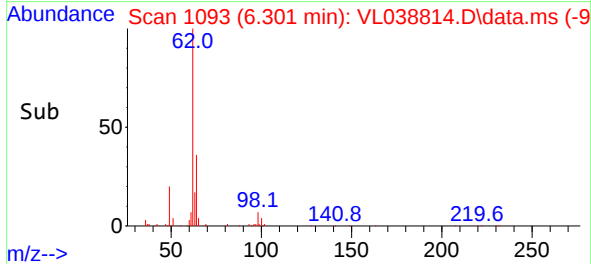
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



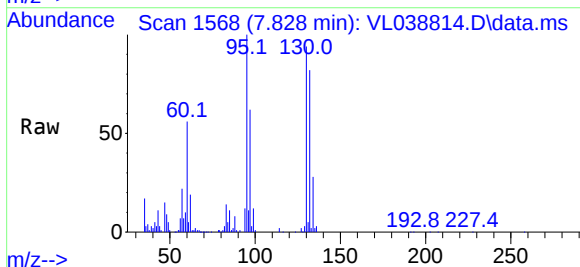
Tgt Ion: 62 Resp: 155940
Ion Ratio Lower Upper
62 100
98 8.6 5.9 8.9

Manual Integrations
APPROVED

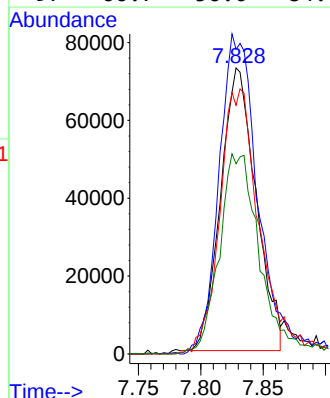
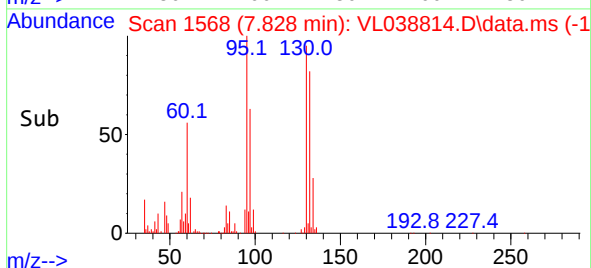
Reviewed By :Mahesh Dadoda 04/07/2022
Supervised By :Semsettin Yesilyurt 04/07/2022

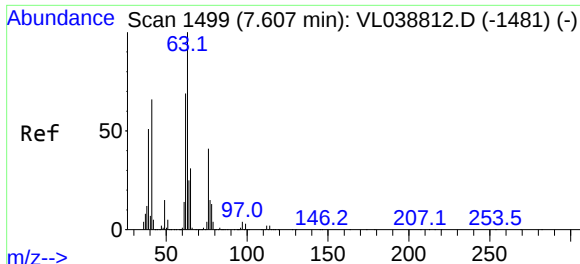


#38
Trichloroethene
Concen: 1.106 ppbv
RT: 7.828 min Scan# 1568
Delta R.T. -0.003 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13



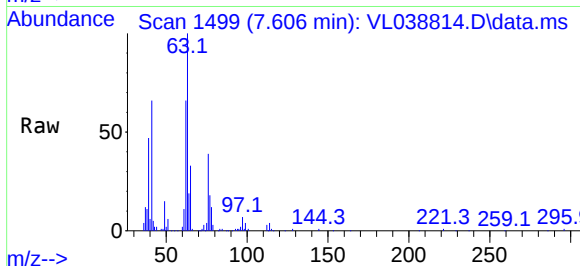
Tgt Ion:130 Resp: 143318
Ion Ratio Lower Upper
130 100
95 107.7 89.4 134.0
132 87.5 77.7 116.5
97 66.7 56.0 84.0





#39
1,2-Dichloropropane
Concen: 1.173 ppbv
RT: 7.606 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

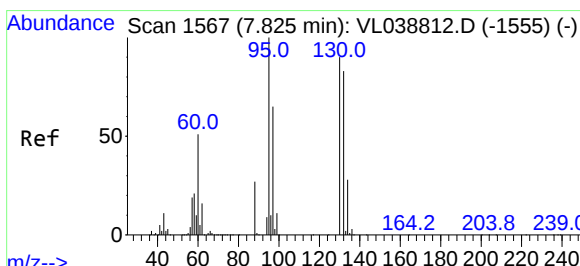
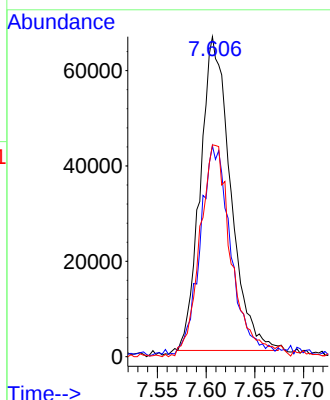
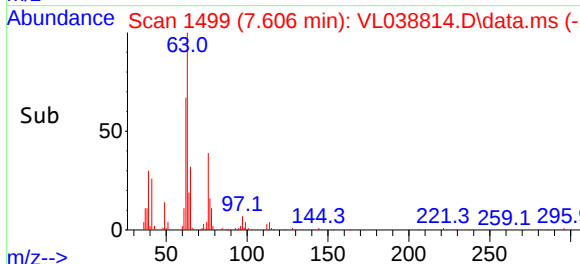
Instrument : MSVOA_L
ClientSampleId : VSTDIC001



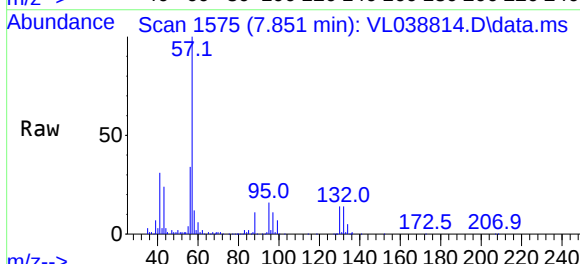
Tgt Ion: 63 Resp: 141910
Ion Ratio Lower Upper
63 100
41 64.4 53.0 79.6
62 64.6 55.0 82.4

Manual Integrations
APPROVED

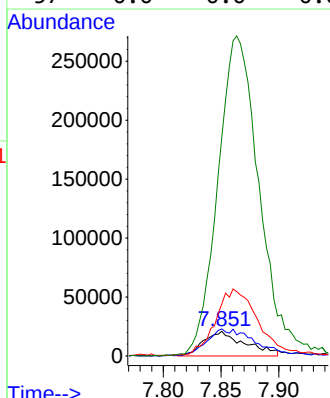
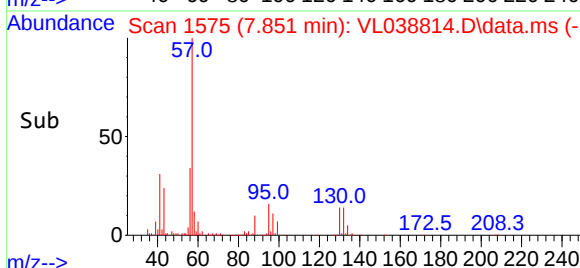
Reviewed By :Mahesh Dadoda 04/07/2022
Supervised By :Semsettin Yesilyurt 04/07/2022

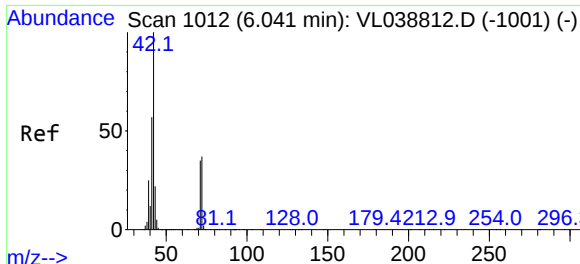


#40
1,4-Dioxane
Concen: 1.243 ppbv m
RT: 7.851 min Scan# 1575
Delta R.T. 0.025 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13



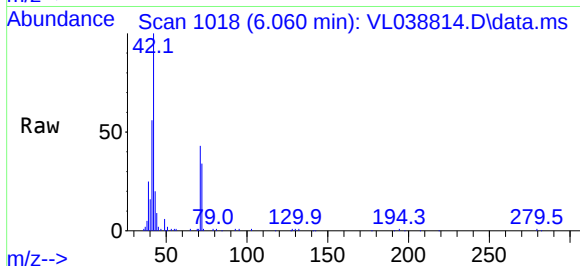
Tgt Ion: 88 Resp: 52220
Ion Ratio Lower Upper
88 100
58 0.0 49.4 74.0#
43 0.0 0.0 0.0
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 1.336 ppbv m
RT: 6.060 min Scan# 1012
Delta R.T. 0.019 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

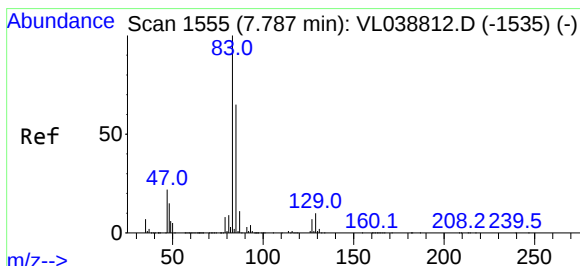
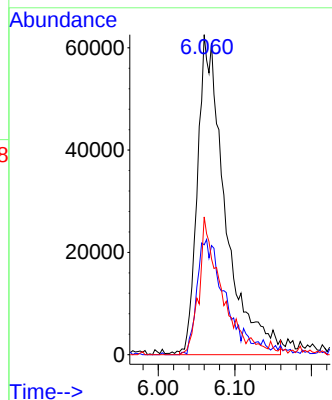
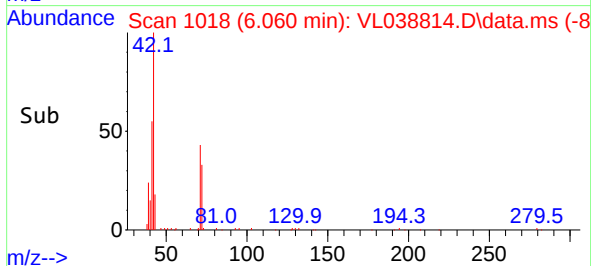
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 42 Resp: 15775
Ion Ratio Lower Upper
42 100
72 38.9 31.4 47.0
71 36.7 30.2 45.4

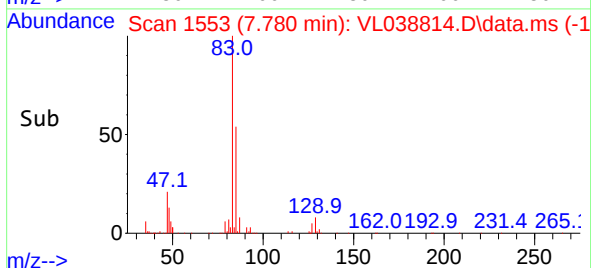
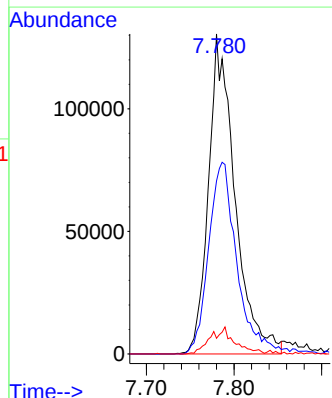
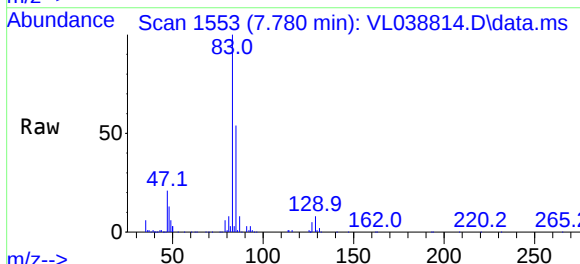
Manual Integrations
APPROVED

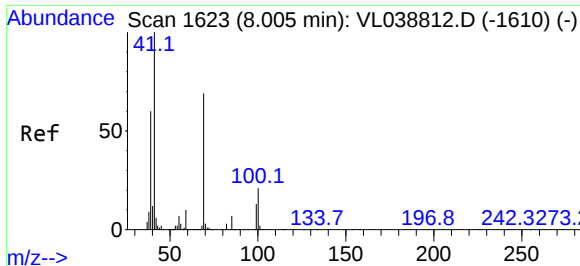
Reviewed By :Mahesh Dadoda 04/07/2022
Supervised By :Semsettin Yesilyurt 04/07/2022



#42
Bromodichloromethane
Concen: 1.158 ppbv m
RT: 7.780 min Scan# 1553
Delta R.T. -0.007 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion: 83 Resp: 273326
Ion Ratio Lower Upper
83 100
85 54.1 51.7 77.5
127 4.9 5.9 8.9





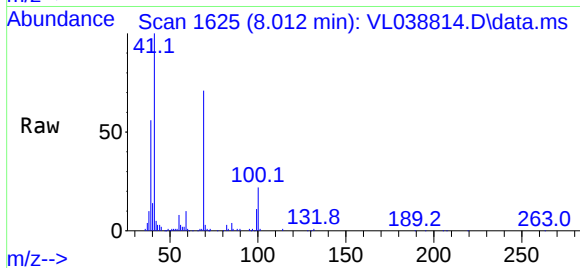
#43
Methyl Methacrylate
Concen: 1.191 ppbv
RT: 8.012 min Scan# 1623
Delta R.T. 0.006 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

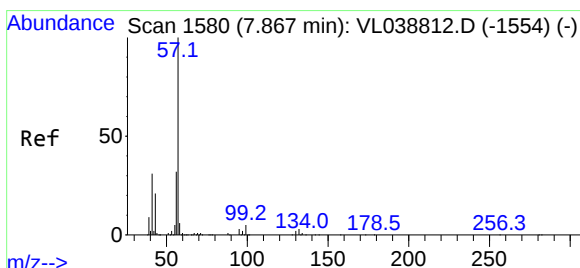
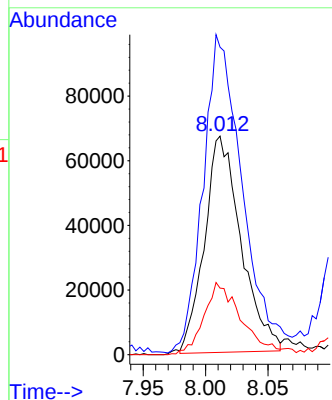
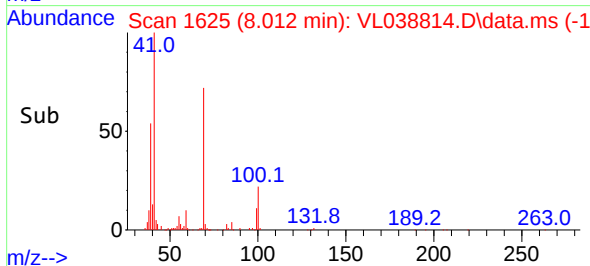


Tgt Ion: 69 Resp: 136777
Ion Ratio Lower Upper
69 100
41 158.6 119.0 178.4
100 35.0 26.4 39.6

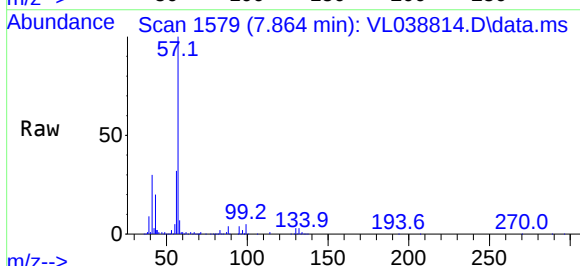
Manual Integrations

APPROVED

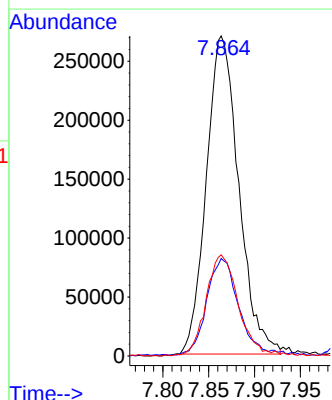
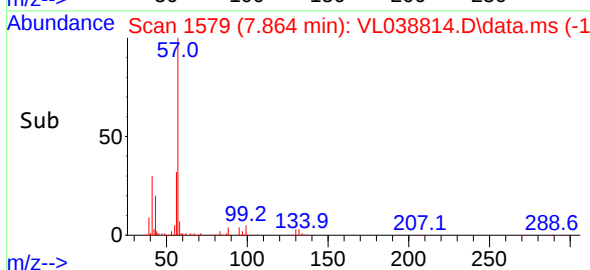
Reviewed By :Mahesh Dadoda 04/07/2022
Supervised By :Semsettin Yesilyurt 04/07/2022

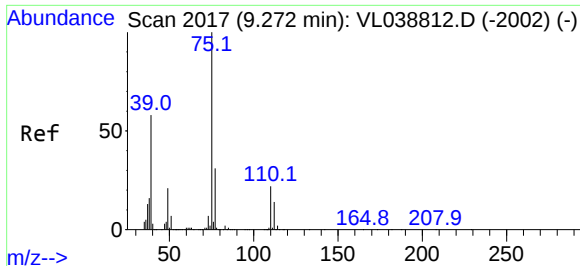


#44
2,2,4-Trimethylpentane
Concen: 1.278 ppbv
RT: 7.864 min Scan# 1579
Delta R.T. -0.003 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13



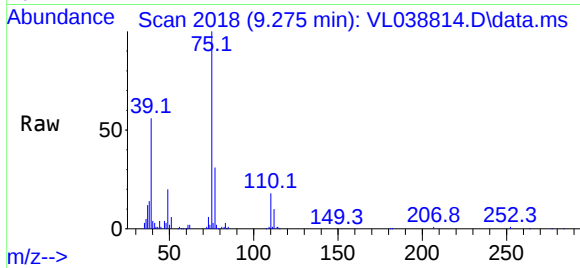
Tgt Ion: 57 Resp: 663693
Ion Ratio Lower Upper
57 100
41 30.4 25.0 37.4
56 32.1 25.3 37.9





#45
t-1,3-Dichloropropene
Concen: 1.158 ppbv
RT: 9.275 min Scan# 2017
Delta R.T. 0.003 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

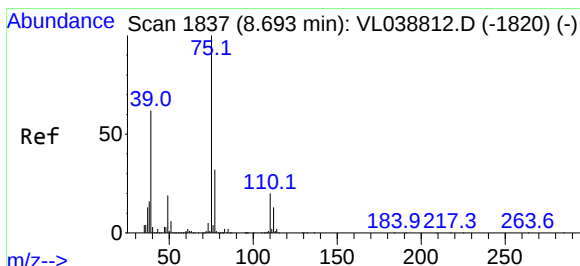
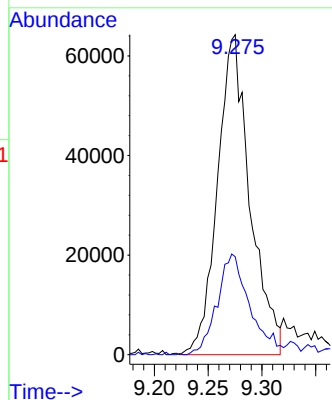
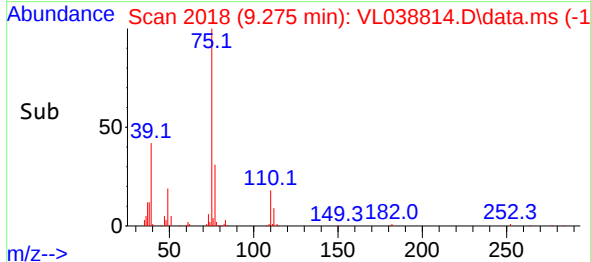
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC001



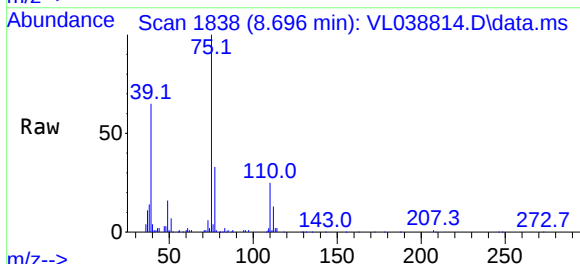
Tgt Ion: 75 Resp: 135252
Ion Ratio Lower Upper
75 100
77 30.6 25.0 37.4

Manual Integrations
APPROVED

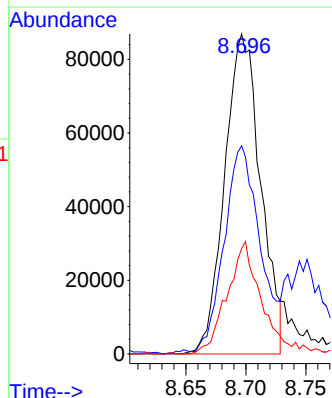
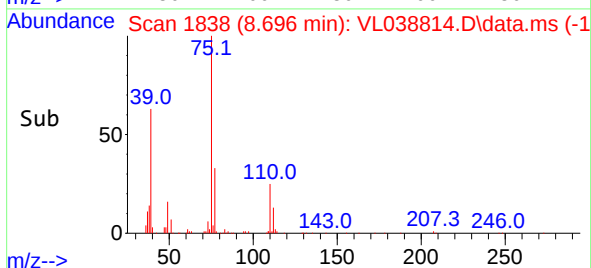
Reviewed By :Mahesh Dadoda 04/07/2022
Supervised By :Semsettin Yesilyurt 04/07/2022

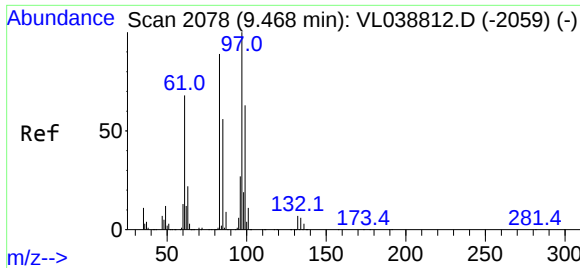


#46
cis-1,3-Dichloropropene
Concen: 1.148 ppbv
RT: 8.696 min Scan# 1838
Delta R.T. 0.003 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13



Tgt Ion: 75 Resp: 181284
Ion Ratio Lower Upper
75 100
39 64.6 49.7 74.5
77 33.0 25.6 38.4





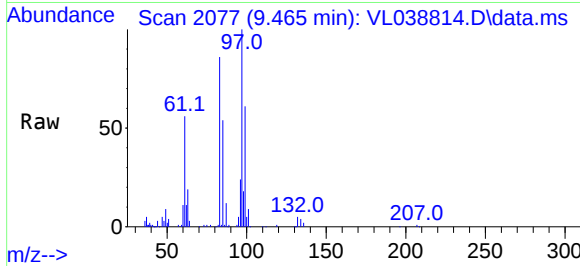
#47
1,1,2-Trichloroethane
Concen: 1.186 ppbv m
RT: 9.465 min Scan# 2078
Delta R.T. -0.003 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

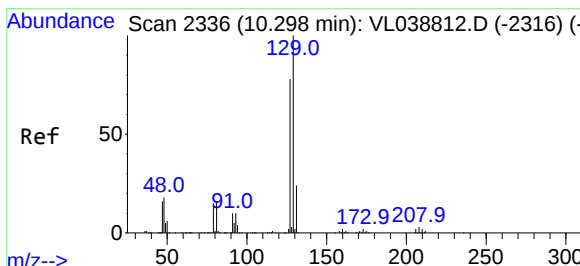
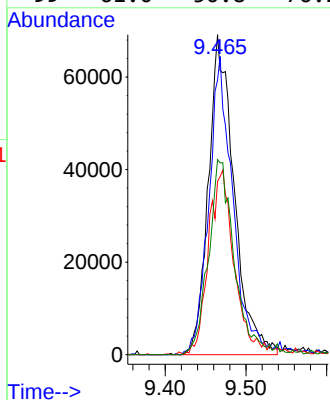
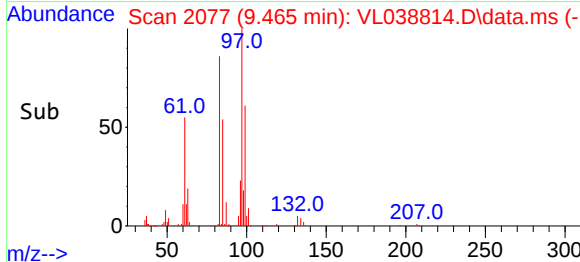


Tgt Ion: 97 Resp: 15316
Ion Ratio Lower Upper
97 100
83 85.8 71.1 106.7
85 54.1 45.1 67.7
99 61.0 50.8 76.2

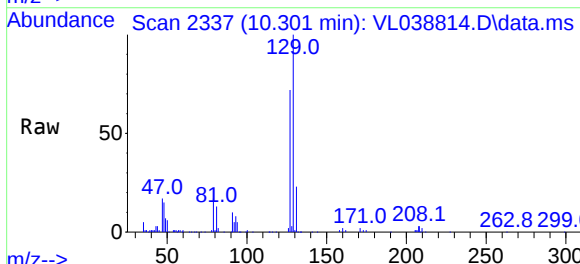
Manual Integrations

APPROVED

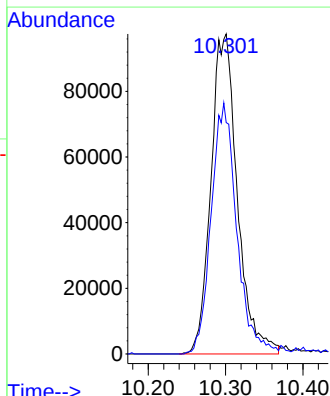
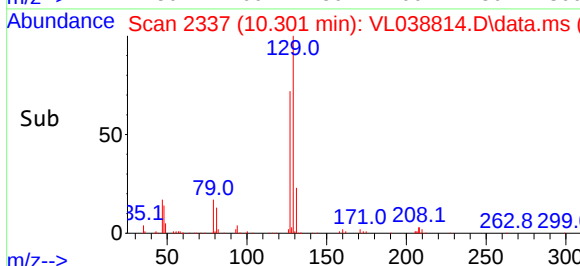
Reviewed By :Mahesh Dadoda 04/07/2022
Supervised By :Semsettin Yesilyurt 04/07/2022

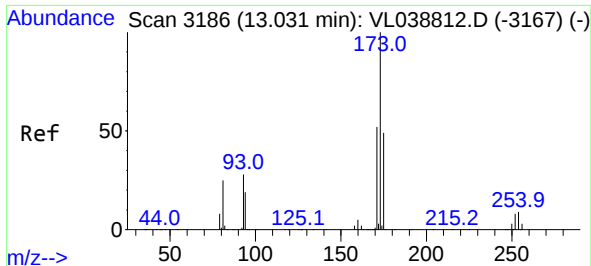


#48
Dibromochloromethane
Concen: 1.145 ppbv m
RT: 10.301 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13



Tgt Ion:129 Resp: 231483
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.6#





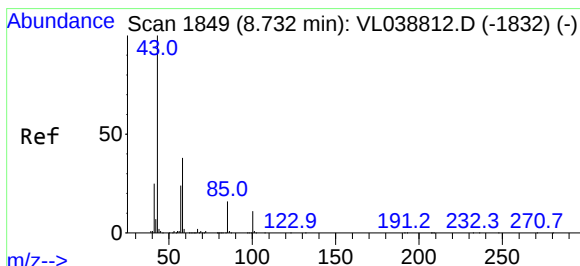
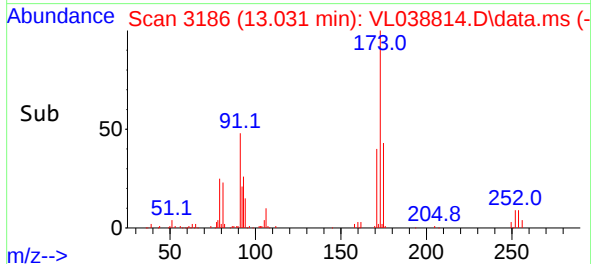
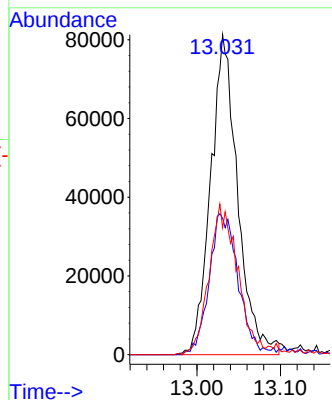
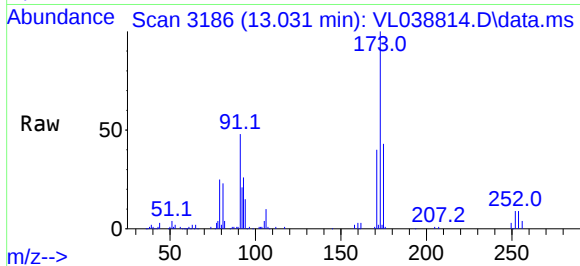
#49
Bromoform
Concen: 1.109 ppbv m
RT: 13.031 min Scan# 3186
Delta R.T. -0.000 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Instrument : MSVOA_L
ClientSampleId : VSTDIC001

Tgt Ion:173 Resp: 182768
Ion Ratio Lower Upper
173 100
175 47.4 39.9 59.9
171 51.1 43.4 65.0

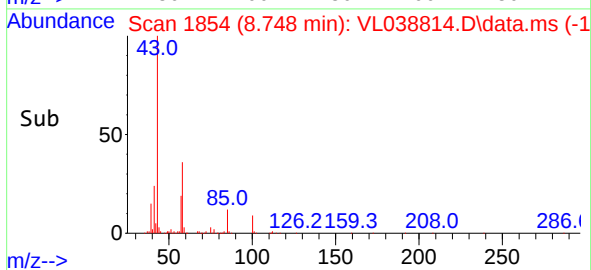
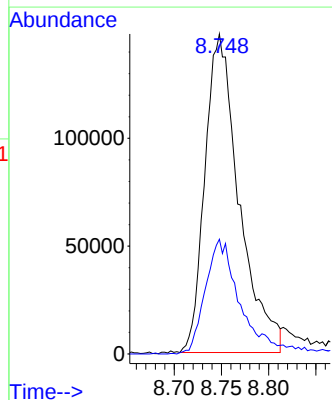
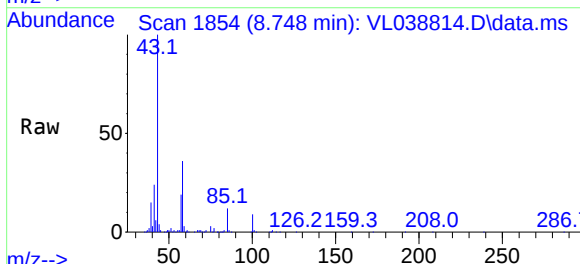
Manual Integrations
APPROVED

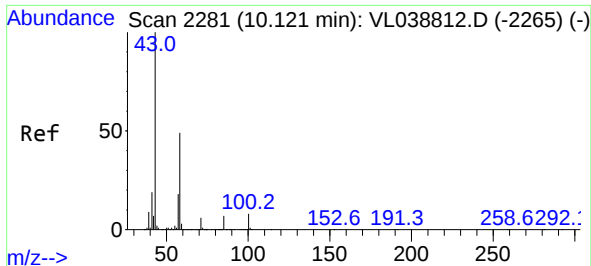
Reviewed By :Mahesh Dadoda 04/07/2022
Supervised By :Semsettin Yesilyurt 04/07/2022



#50
4-Methyl-2-Pentanone
Concen: 1.257 ppbv
RT: 8.748 min Scan# 1854
Delta R.T. 0.016 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

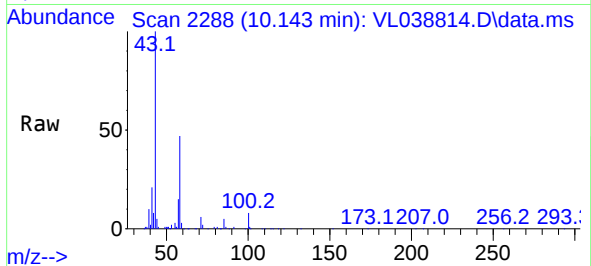
Tgt Ion: 43 Resp: 370833
Ion Ratio Lower Upper
43 100
58 38.5 29.0 43.6





#51
2-Hexanone
Concen: 1.144 ppbv
RT: 10.143 min Scan# 21
Delta R.T. 0.022 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

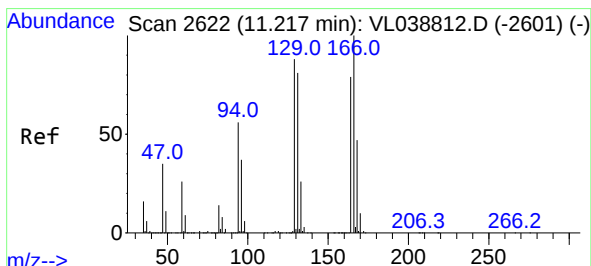
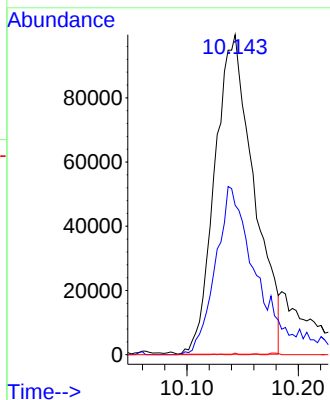
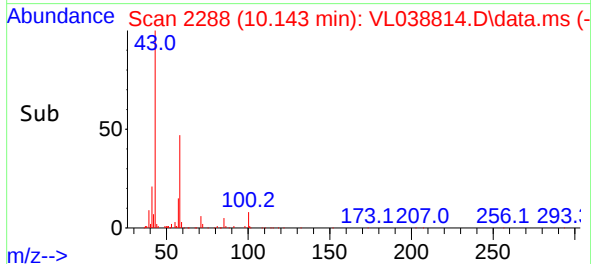
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



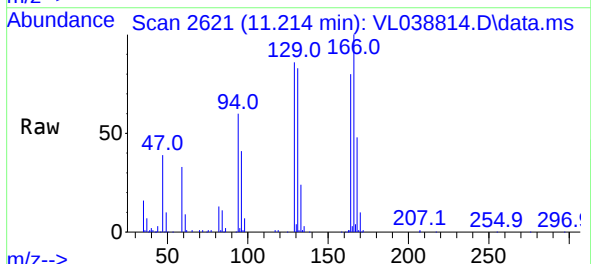
Tgt Ion: 43 Resp: 24229
Ion Ratio Lower Upper
43 100
58 58.4 41.4 62.0
98 0.0 0.1 0.1

Manual Integrations
APPROVED

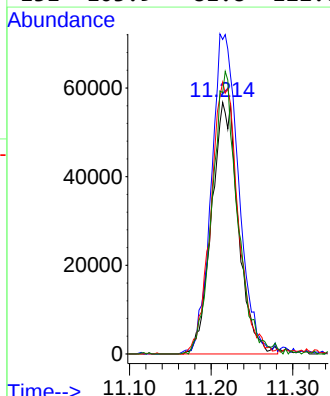
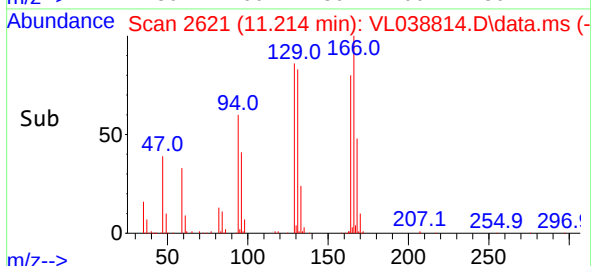
Reviewed By :Mahesh Dadoda 04/07/2022
Supervised By :Semsettin Yesilyurt 04/07/2022

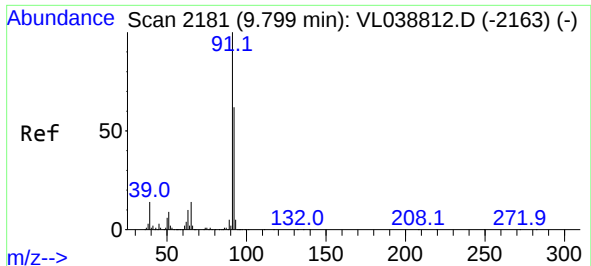


#52
Tetrachloroethene
Concen: 1.145 ppbv m
RT: 11.214 min Scan# 2621
Delta R.T. -0.003 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13



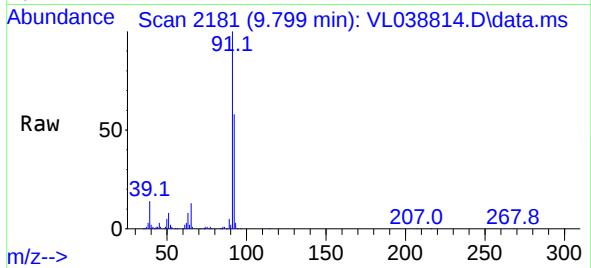
Tgt Ion:164 Resp: 129623
Ion Ratio Lower Upper
164 100
166 125.1 101.0 151.6
129 108.0 88.7 133.1
131 103.9 81.8 122.6





#53
Toluene
Concen: 1.339 ppbv
RT: 9.799 min Scan# 2181
Delta R.T. -0.000 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

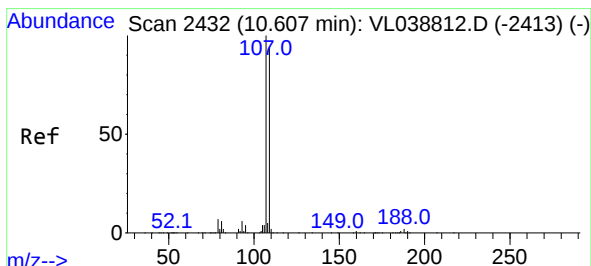
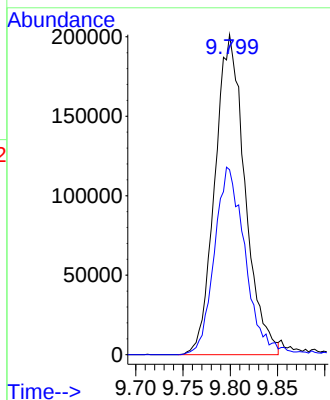
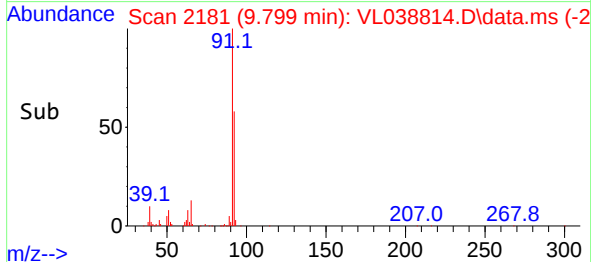
Instrument : MSVOA_L
ClientSampleId : VSTDIC001



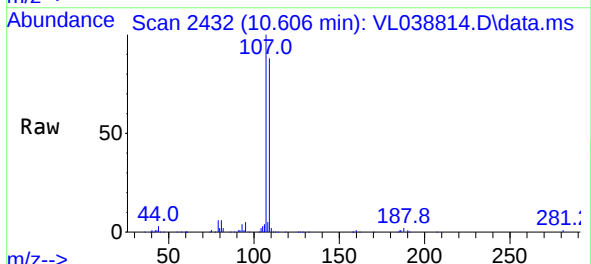
Tgt Ion: 91 Resp: 44500
Ion Ratio Lower Upper
91 100
92 60.9 49.2 73.8

Manual Integrations
APPROVED

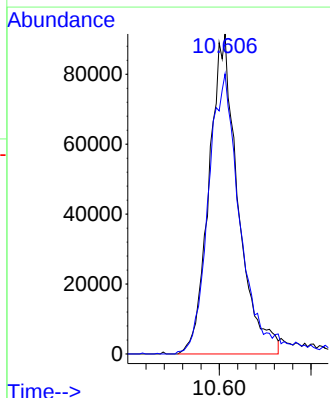
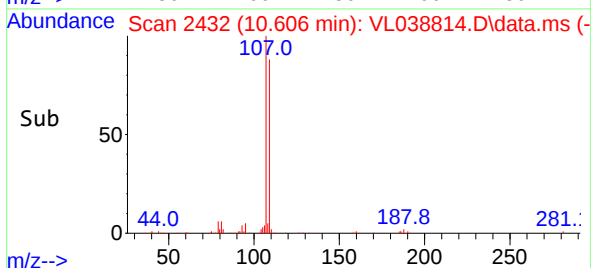
Reviewed By :Mahesh Dadoda 04/07/2022
Supervised By :Semsettin Yesilyurt 04/07/2022

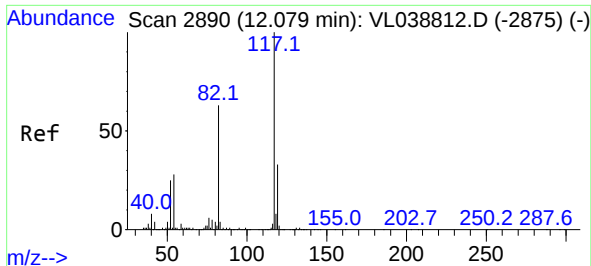


#54
1,2-Dibromoethane
Concen: 1.135 ppbv
RT: 10.606 min Scan# 2432
Delta R.T. -0.000 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13



Tgt Ion:107 Resp: 200040
Ion Ratio Lower Upper
107 100
109 86.8 75.5 113.3





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.076 min Scan# 2889

Delta R.T. -0.003 min

Lab File: VL038814.D

Acq: 5 Apr 2022 17:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion:117 Resp: 3692749

Ion Ratio Lower Upper

117 100

82 64.5 53.0 79.6

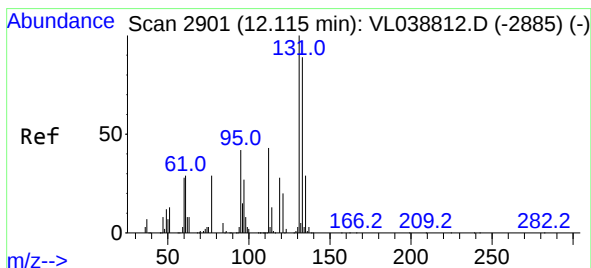
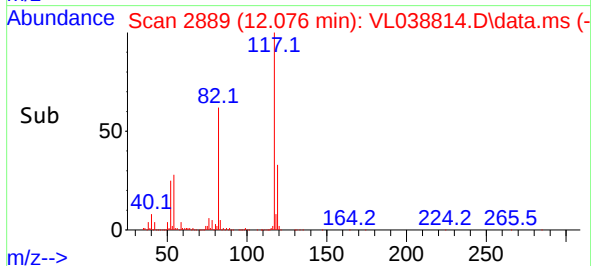
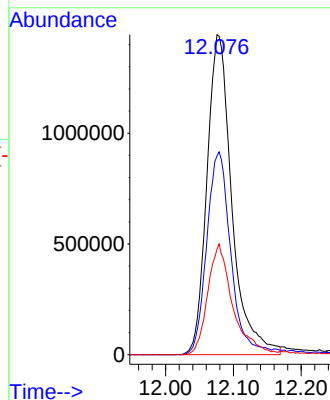
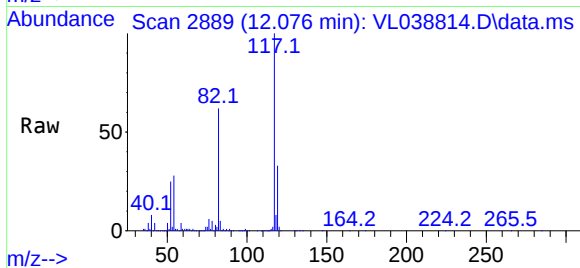
119 36.3 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 04/07/2022

Supervised By :Semsettin Yesilyurt 04/07/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 1.117 ppbv

RT: 12.121 min Scan# 2903

Delta R.T. 0.006 min

Lab File: VL038814.D

Acq: 5 Apr 2022 17:13

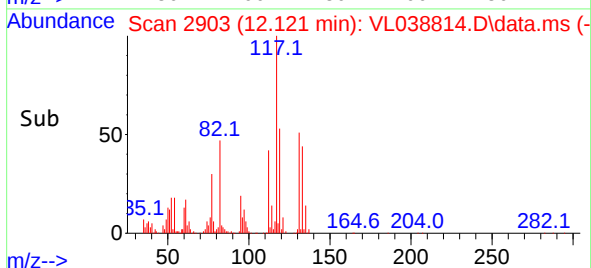
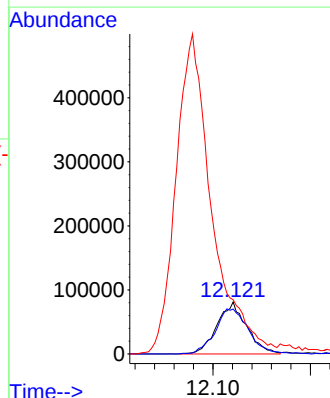
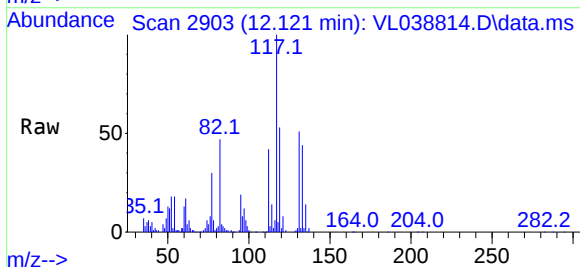
Tgt Ion:131 Resp: 170984

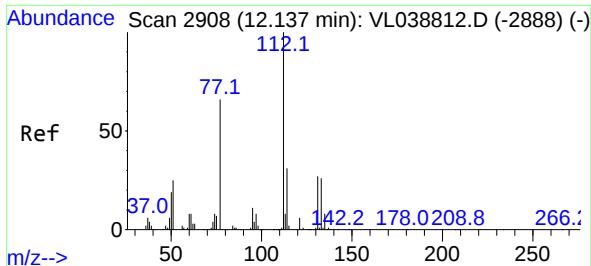
Ion Ratio Lower Upper

131 100

133 97.8 78.2 117.4

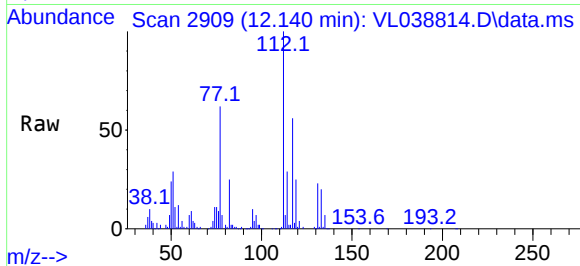
119 783.4 58.6 87.8#





#57
Chlorobenzene
Concen: 1.193 ppbv
RT: 12.140 min Scan# 2909
Delta R.T. 0.003 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

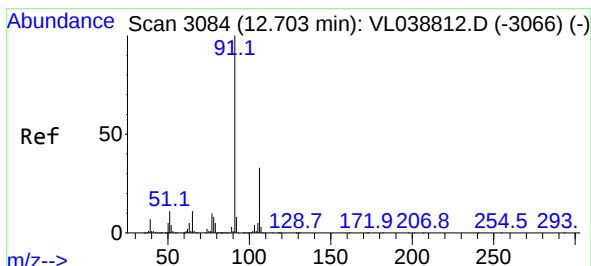
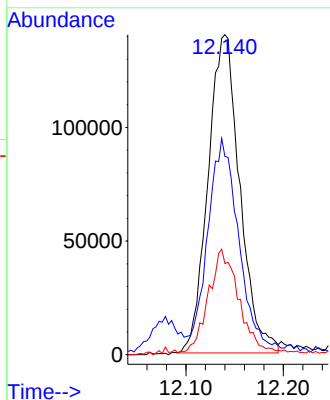
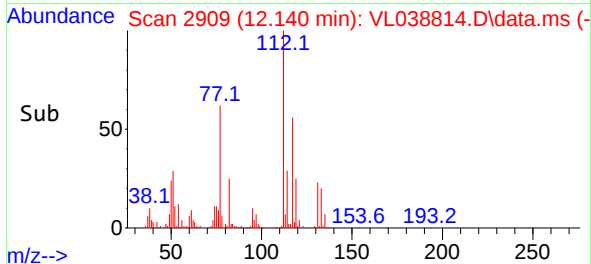
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



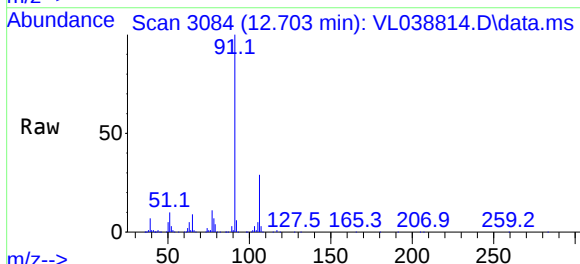
Tgt Ion:112 Resp: 31768
Ion Ratio Lower Upper
112 100
77 59.5 52.4 78.6
114 28.1 28.1 34.3

Manual Integrations
APPROVED

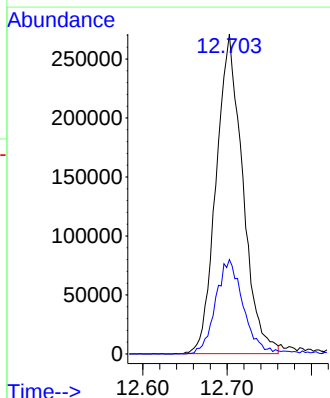
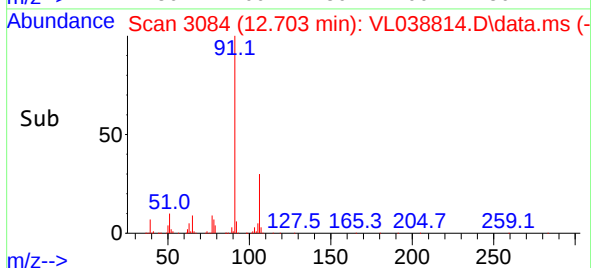
Reviewed By :Mahesh Dadoda 04/07/2022
Supervised By :Semsettin Yesilyurt 04/07/2022

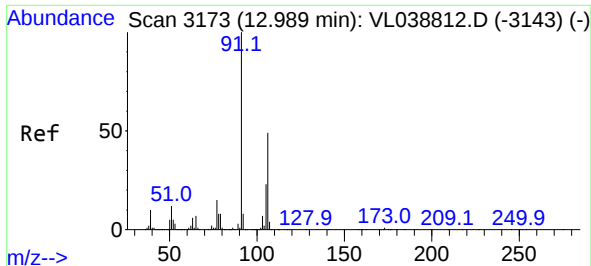


#58
Ethyl Benzene
Concen: 1.372 ppbv
RT: 12.703 min Scan# 3084
Delta R.T. -0.000 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13



Tgt Ion: 91 Resp: 592267
Ion Ratio Lower Upper
91 100
106 29.5 26.7 40.1





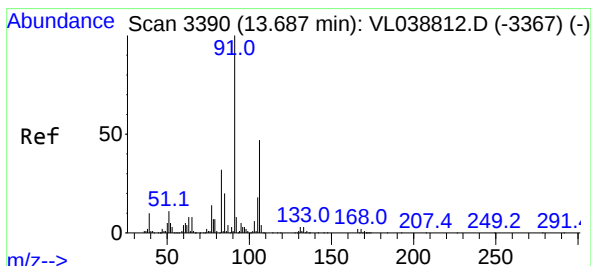
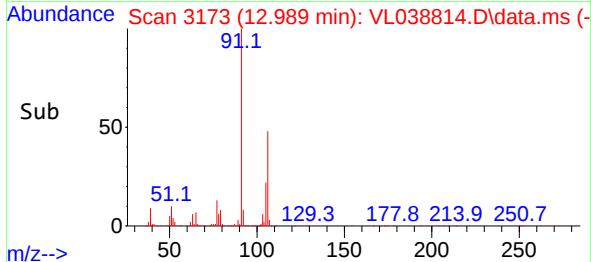
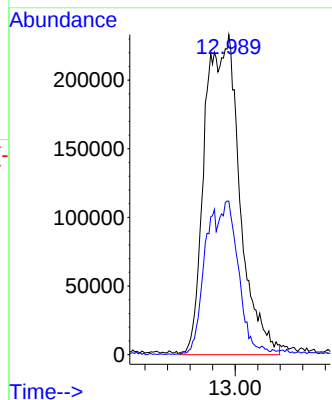
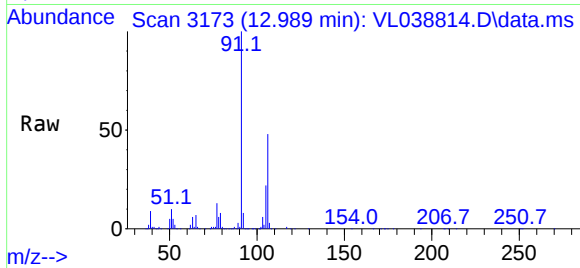
#59
m/p-Xylene
Concen: 2.656 ppbv m
RT: 12.989 min Scan# 3173
Delta R.T. -0.000 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 100315
Ion Ratio Lower Upper
91 100
106 44.1 37.1 55.7

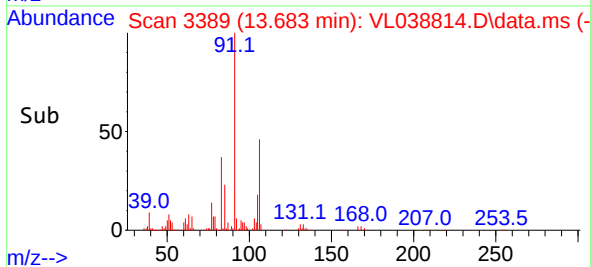
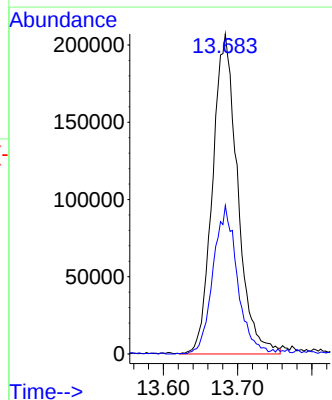
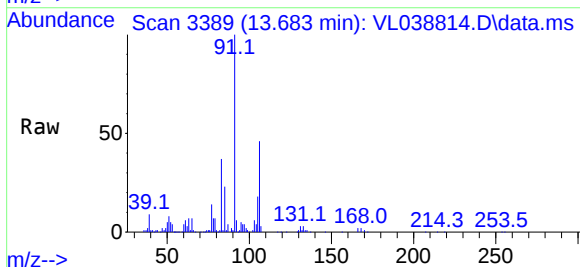
Manual Integrations
APPROVED

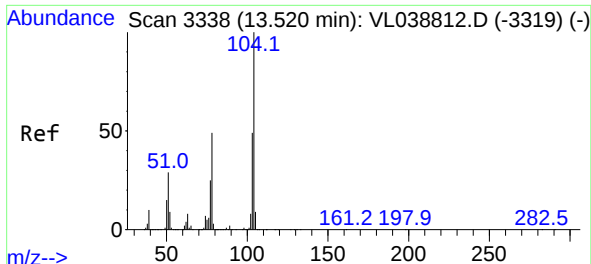
Reviewed By :Mahesh Dadoda 04/07/2022
Supervised By :Semsettin Yesilyurt 04/07/2022



#60
o-Xylene
Concen: 1.355 ppbv
RT: 13.683 min Scan# 3389
Delta R.T. -0.003 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

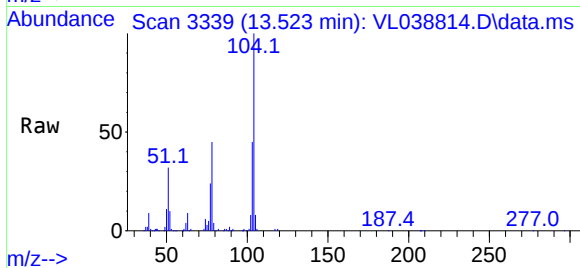
Tgt Ion: 91 Resp: 485960
Ion Ratio Lower Upper
91 100
106 45.0 23.8 71.4





#61
Styrene
Concen: 1.383 ppbv
RT: 13.523 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

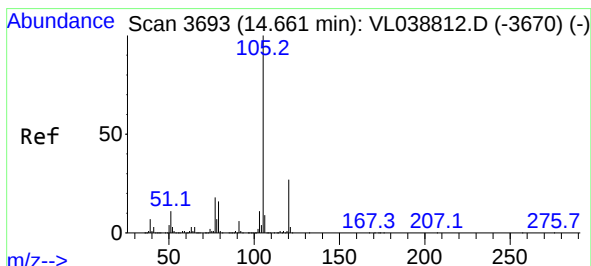
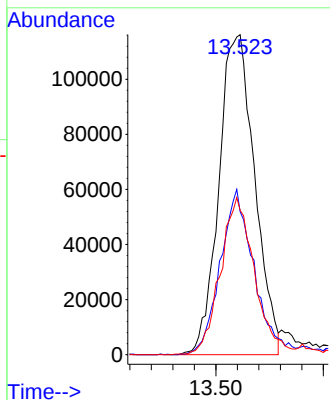
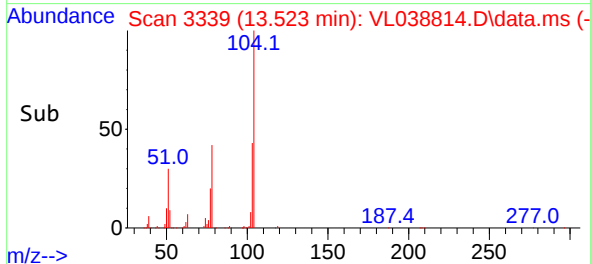
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



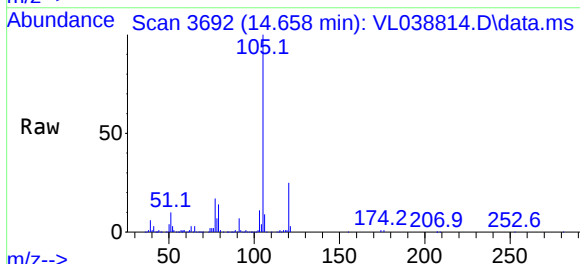
Tgt Ion:104 Resp: 26889
Ion Ratio Lower Upper
104 100
78 50.7 40.5 60.7
103 48.3 39.0 58.4

Manual Integrations
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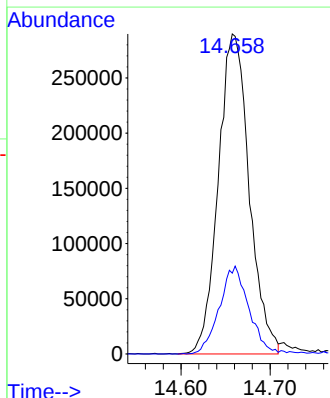
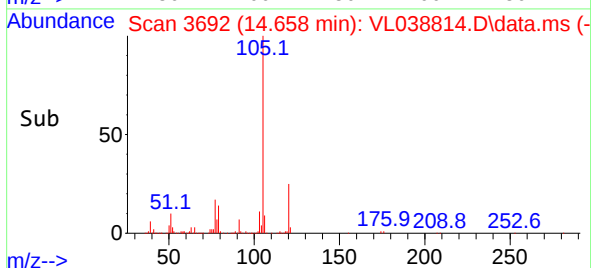
Reviewed By :Mahesh Dadoda 04/07/2022
Supervised By :Semsettin Yesilyurt 04/07/2022

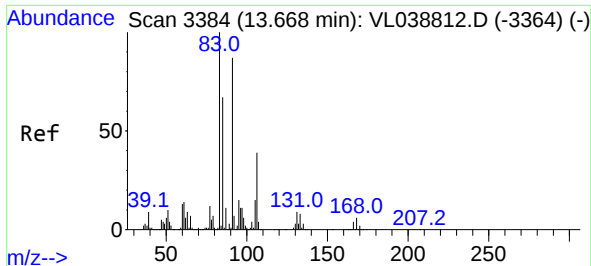


#62
Isopropylbenzene
Concen: 1.296 ppbv
RT: 14.658 min Scan# 3692
Delta R.T. -0.003 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13



Tgt Ion:105 Resp: 698796
Ion Ratio Lower Upper
105 100
120 26.6 21.8 32.8





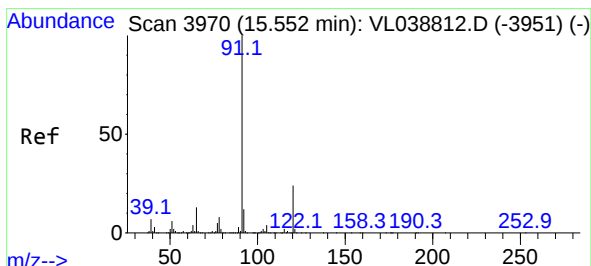
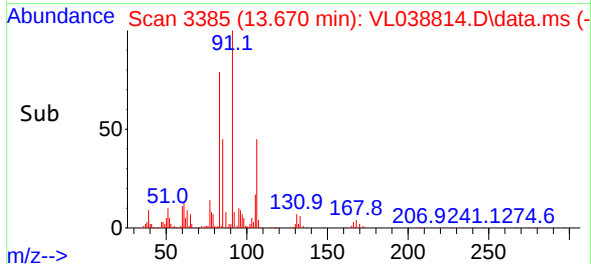
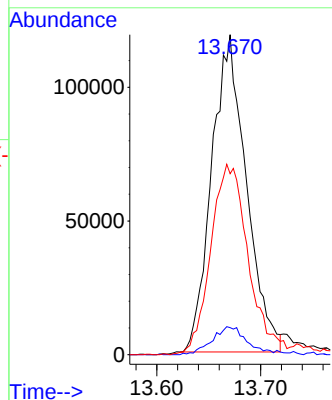
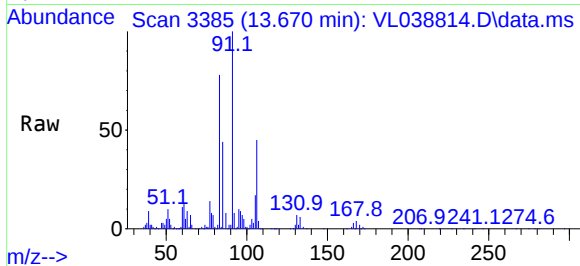
#63
1,1,2,2-Tetrachloroethane
Concen: 0.991 ppbv
RT: 13.670 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 83 Resp: 27522
Ion Ratio Lower Upper
83 100
131 9.2 4.6 13.8
85 67.6 33.0 99.0

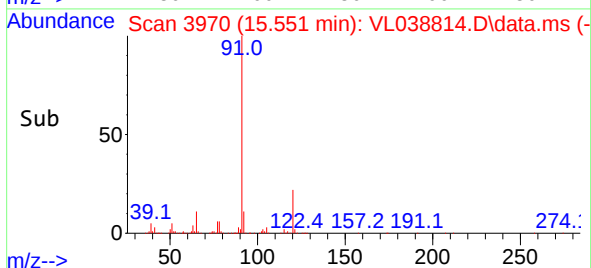
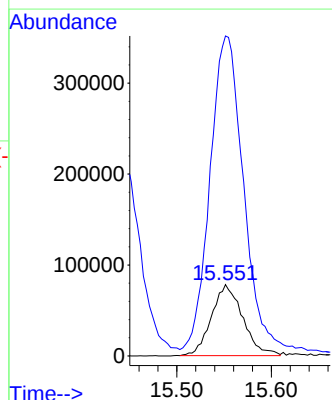
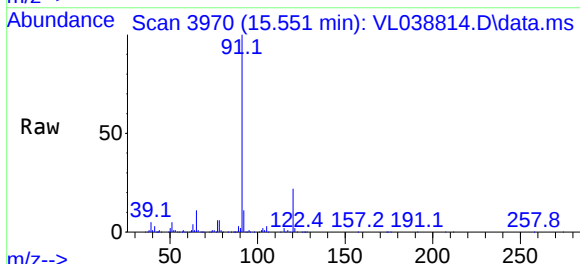
Manual Integrations
APPROVED

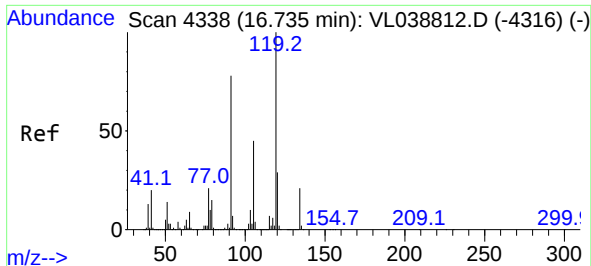
Reviewed By :Mahesh Dadoda 04/07/2022
Supervised By :Semsettin Yesilyurt 04/07/2022



#64
n-propylbenzene
Concen: 1.263 ppbv
RT: 15.551 min Scan# 3970
Delta R.T. -0.000 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion:120 Resp: 178684
Ion Ratio Lower Upper
120 100
91 501.9 360.6 540.8





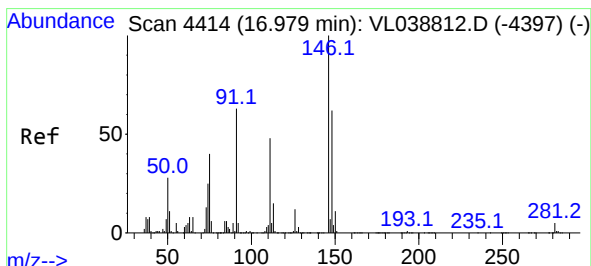
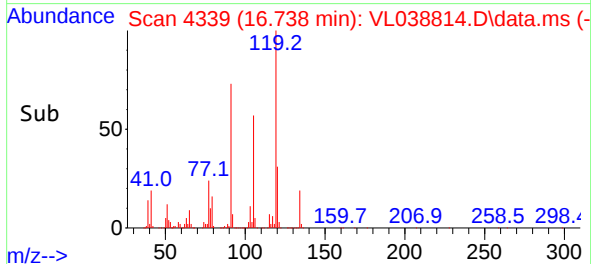
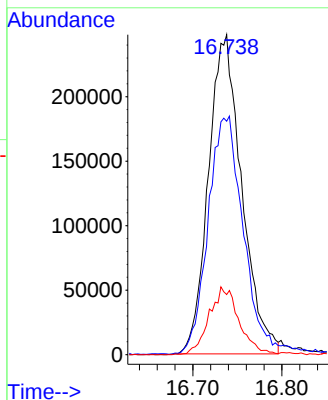
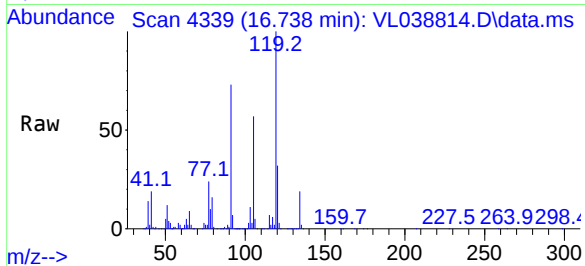
#65
tert-Butylbenzene
Concen: 1.326 ppbv
RT: 16.738 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion:119 Resp: 64236
Ion Ratio Lower Upper
119 100
91 80.2 62.8 94.2
134 19.4 16.2 24.4

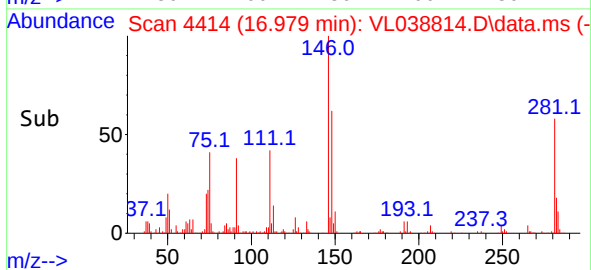
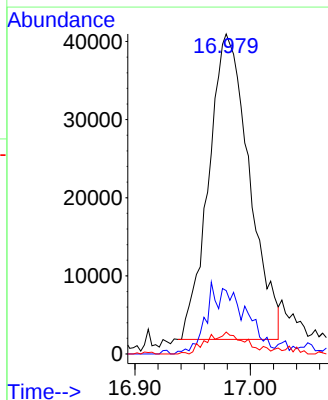
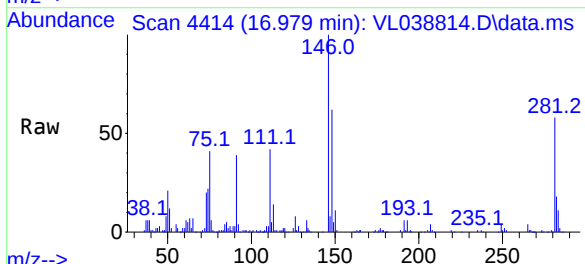
Manual Integrations
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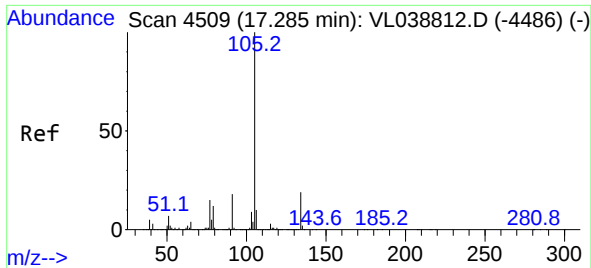
Reviewed By :Mahesh Dadoda 04/07/2022
Supervised By :Semsettin Yesilyurt 04/07/2022



#66
Benzyl Chloride
Concen: 1.041 ppbv
RT: 16.979 min Scan# 4414
Delta R.T. -0.000 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion: 91 Resp: 95431
Ion Ratio Lower Upper
91 100
126 22.7 15.4 23.0
128 7.8 4.7 7.1#





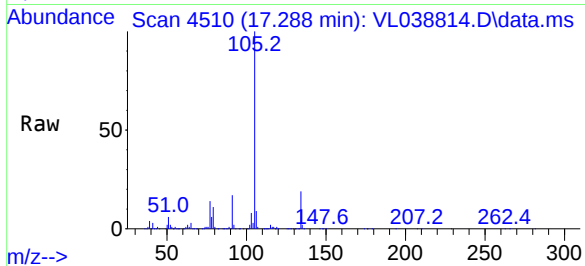
#67
 sec-Butylbenzene
 Concen: 1.281 ppbv
 RT: 17.288 min Scan# 4510
 Delta R.T. 0.003 min
 Lab File: VL038814.D
 Acq: 5 Apr 2022 17:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

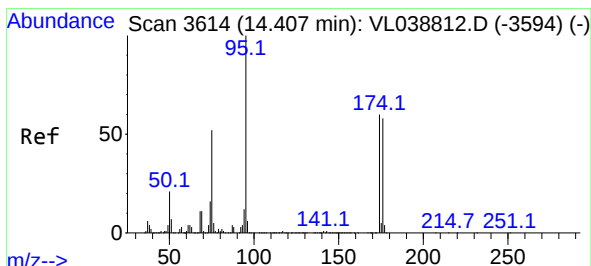
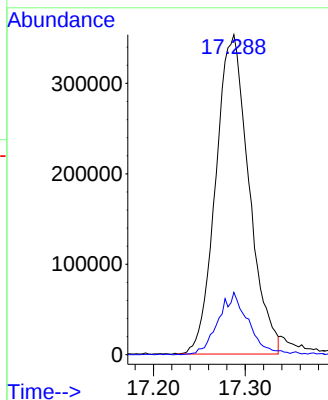
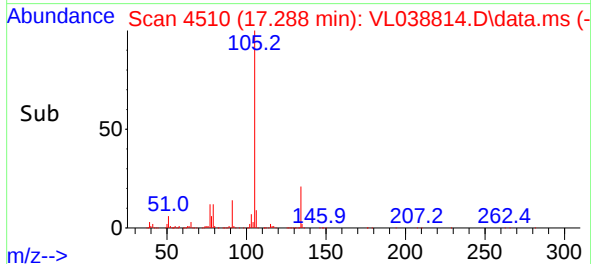


Tgt Ion:105 Resp: 887638
 Ion Ratio Lower Upper
 105 100
 134 18.1 15.1 22.7

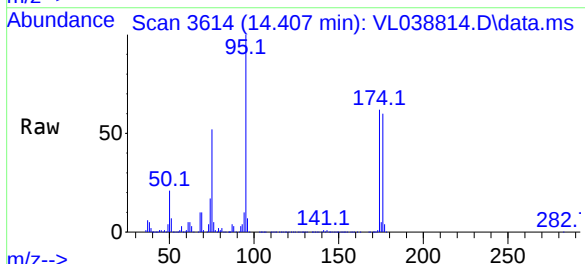
Manual Integrations

APPROVED

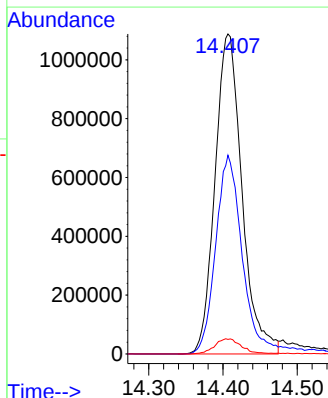
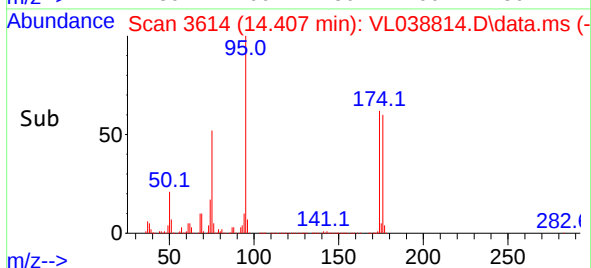
Reviewed By :Mahesh Dadoda 04/07/2022
 Supervised By :Semsettin Yesilyurt 04/07/2022

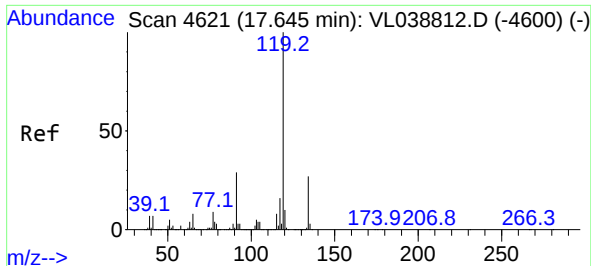


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.716 ppbv
 RT: 14.407 min Scan# 3614
 Delta R.T. -0.000 min
 Lab File: VL038814.D
 Acq: 5 Apr 2022 17:13



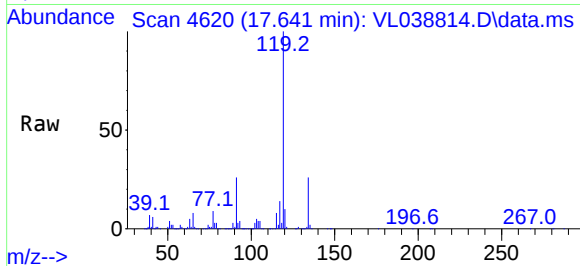
Tgt Ion: 95 Resp: 2750913
 Ion Ratio Lower Upper
 95 100
 174 63.7 52.0 78.0
 175 5.0 4.0 6.0





#69
p-Isopropyltoluene
Concen: 1.269 ppbv
RT: 17.641 min Scan# 4621
Delta R.T. -0.003 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

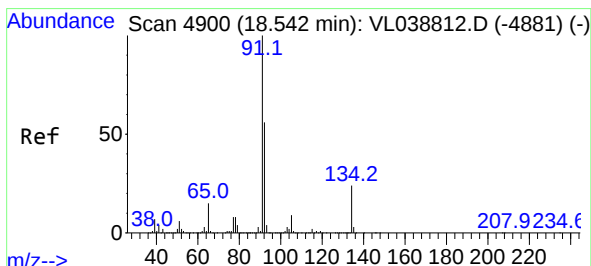
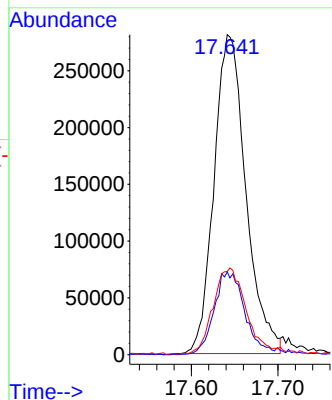
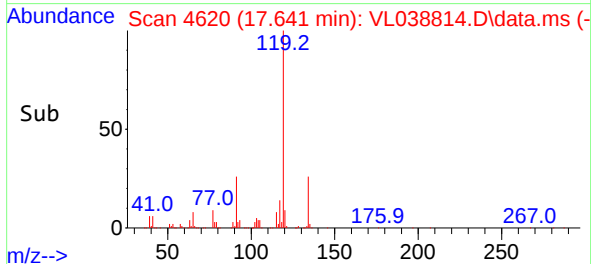
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



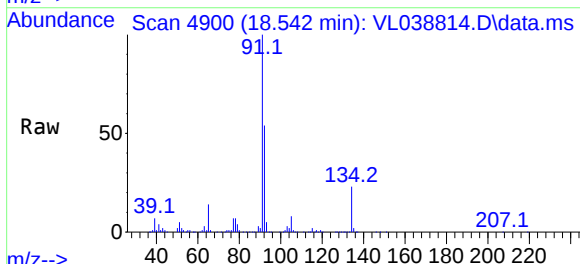
Tgt Ion: 119 Resp: 71744
Ion Ratio Lower Upper
119 100
134 26.1 20.8 31.2
91 28.6 22.6 34.0

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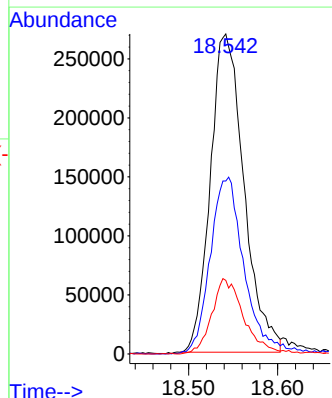
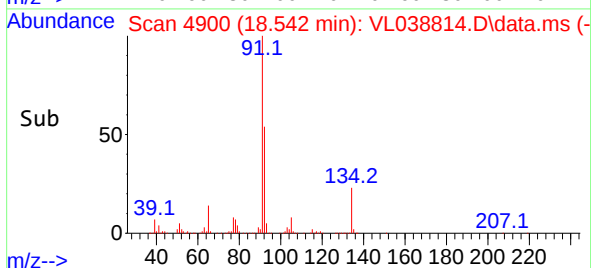
Reviewed By :Mahesh Dadoda 04/07/2022
Supervised By :Semsettin Yesilyurt 04/07/2022

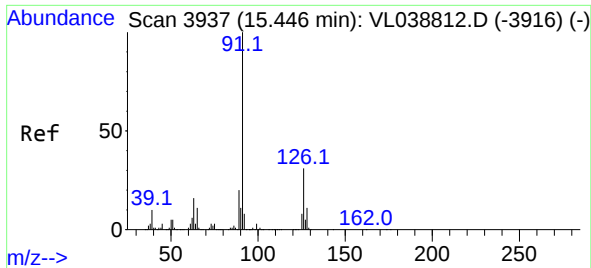


#70
n-Butylbenzene
Concen: 1.214 ppbv
RT: 18.542 min Scan# 4900
Delta R.T. -0.000 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13



Tgt Ion: 91 Resp: 707696
Ion Ratio Lower Upper
91 100
92 56.9 44.6 66.8
134 22.7 19.2 28.8





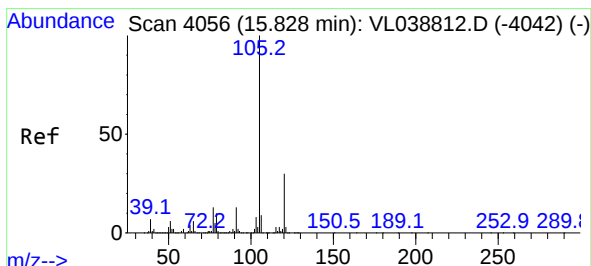
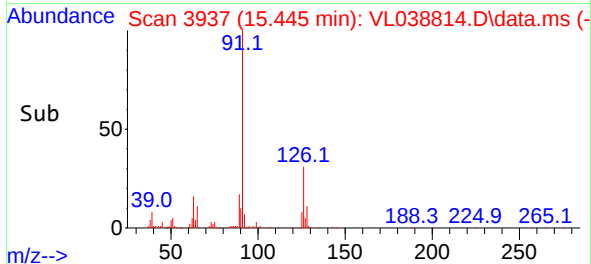
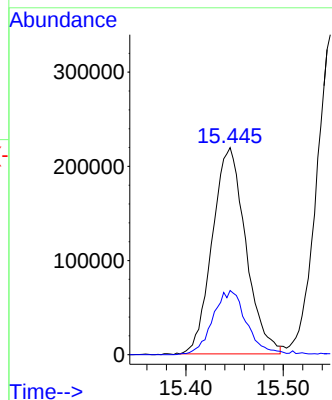
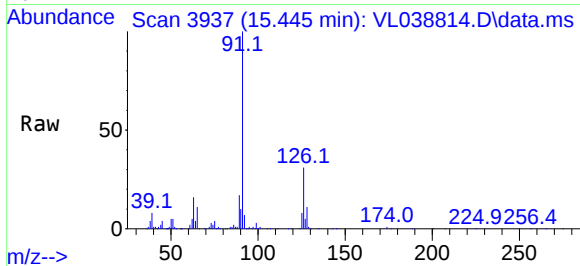
#71
2-Chlorotoluene
Concen: 1.308 ppbv
RT: 15.445 min Scan# 3937
Delta R.T. -0.000 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 52329
Ion Ratio Lower Upper
91 100
126 32.2 13.0 51.8

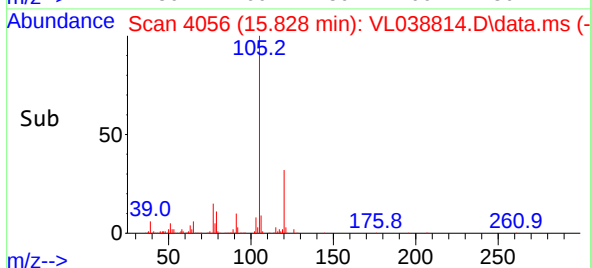
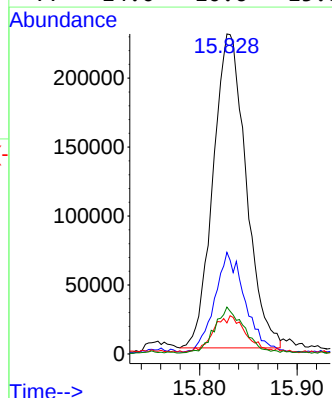
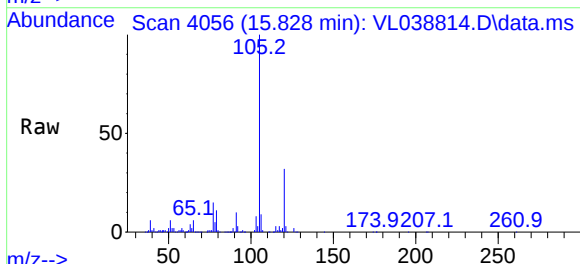
Manual Integrations
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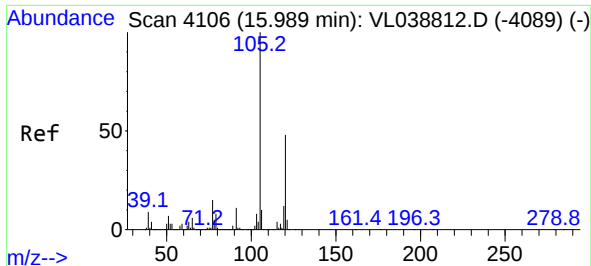
Reviewed By :Mahesh Dadoda 04/07/2022
Supervised By :Semsettin Yesilyurt 04/07/2022



#72
4-Ethyltoluene
Concen: 1.264 ppbv
RT: 15.828 min Scan# 4056
Delta R.T. -0.000 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

Tgt Ion:105 Resp: 535013
Ion Ratio Lower Upper
105 100
120 31.6 24.3 36.5
91 12.3 9.4 14.2
77 14.0 10.6 15.8





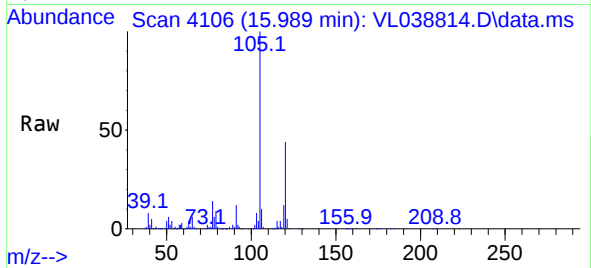
#73
 1,3,5-Trimethylbenzene
 Concen: 1.294 ppbv
 RT: 15.989 min Scan# 4106
 Delta R.T. -0.000 min
 Lab File: VL038814.D
 Acq: 5 Apr 2022 17:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

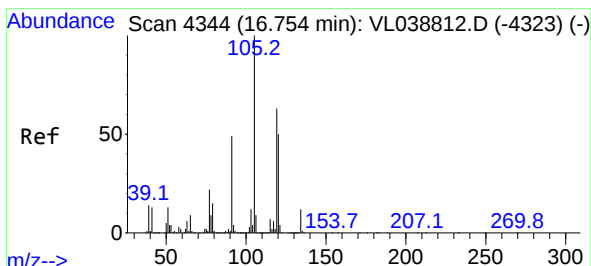
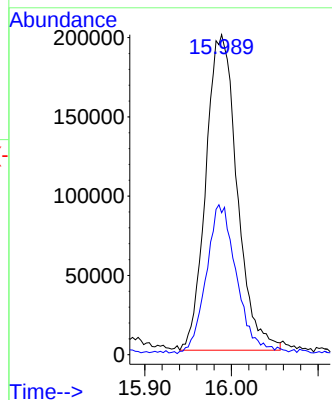
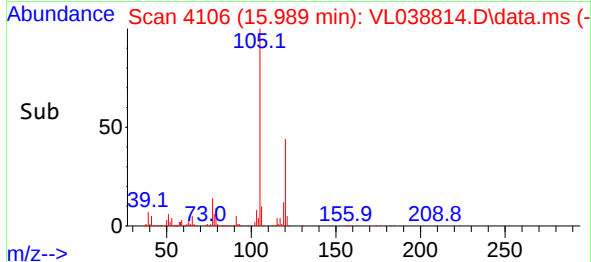


Tgt Ion:105 Resp: 49900
 Ion Ratio Lower Upper
 105 100
 120 43.9 38.7 58.1

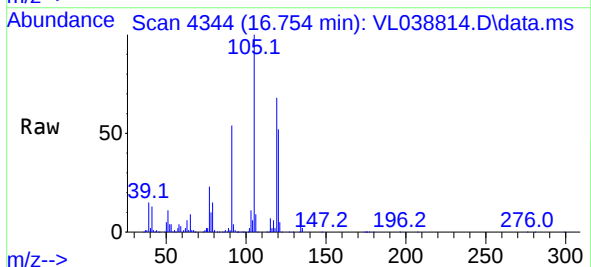
Manual Integrations

APPROVED

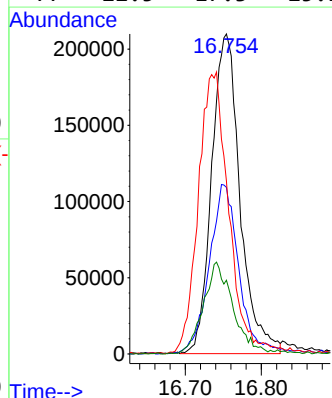
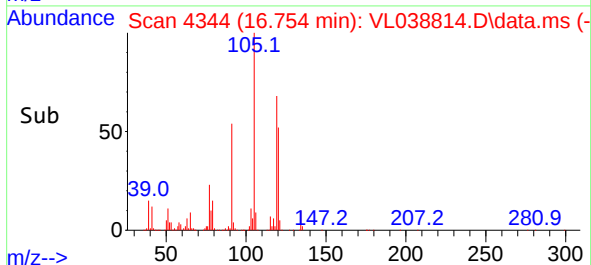
Reviewed By :Mahesh Dadoda 04/07/2022
 Supervised By :Semsettin Yesilyurt 04/07/2022

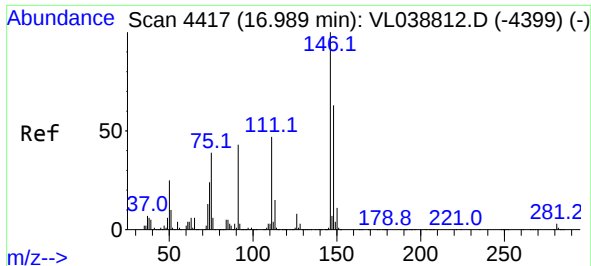


#74
 1,2,4-Trimethylbenzene
 Concen: 1.295 ppbv
 RT: 16.754 min Scan# 4344
 Delta R.T. -0.000 min
 Lab File: VL038814.D
 Acq: 5 Apr 2022 17:13



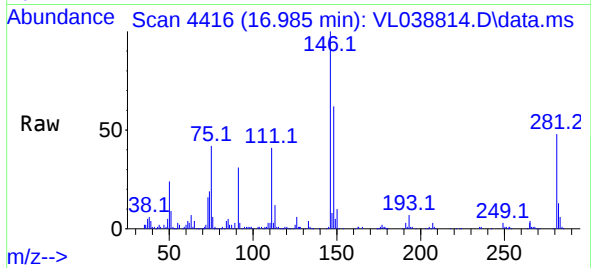
Tgt Ion:105 Resp: 544023
 Ion Ratio Lower Upper
 105 100
 120 51.3 39.8 59.8
 91 52.1 39.4 59.0
 77 22.5 17.3 25.9





#75
1,3-Dichlorobenzene
Concen: 1.118 ppbv
RT: 16.985 min Scan# 4416
Delta R.T. -0.003 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

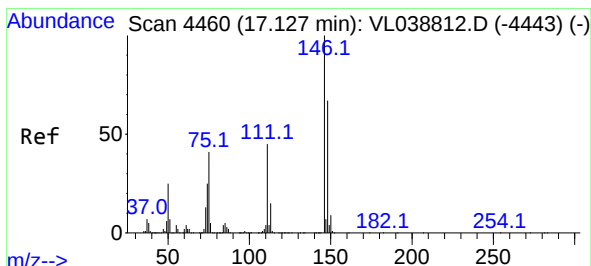
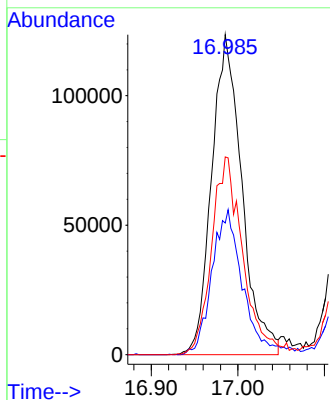
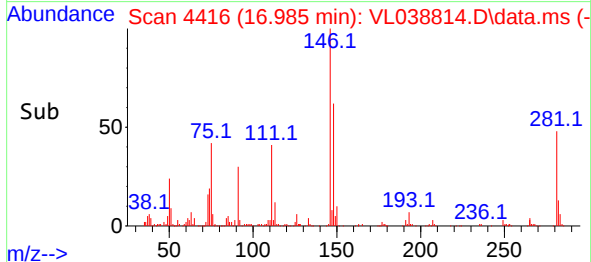
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



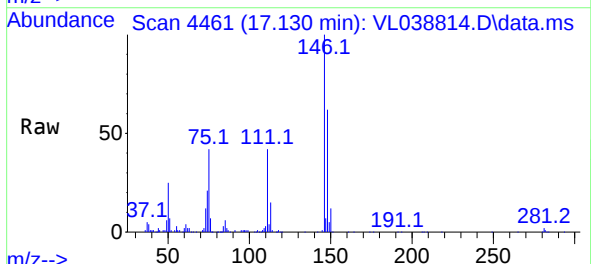
Tgt Ion:146 Resp: 29927
Ion Ratio Lower Upper
146 100
111 46.6 23.8 71.2
148 64.4 31.8 95.4

Manual Integrations
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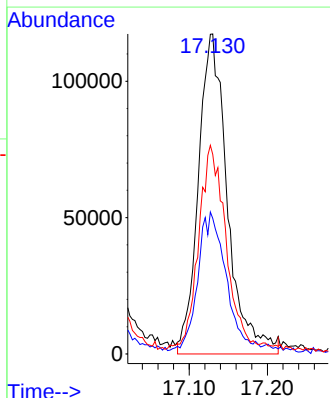
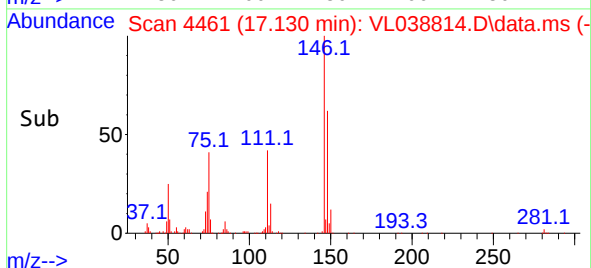
Reviewed By :Mahesh Dadoda 04/07/2022
Supervised By :Semsettin Yesilyurt 04/07/2022

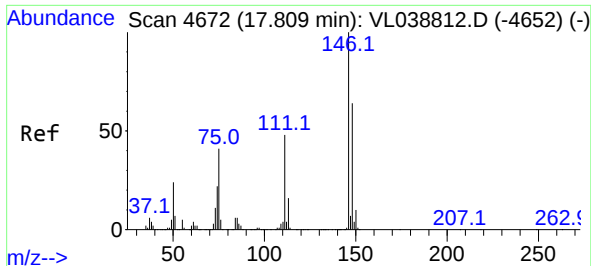


#76
1,4-Dichlorobenzene
Concen: 1.141 ppbv m
RT: 17.130 min Scan# 4461
Delta R.T. 0.003 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13



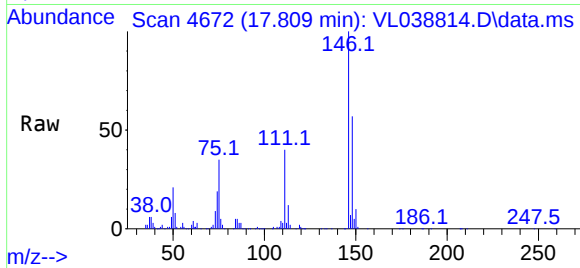
Tgt Ion:146 Resp: 303622
Ion Ratio Lower Upper
146 100
111 46.4 23.6 70.8
148 64.8 33.6 100.6





#77
1,2-Dichlorobenzene
Concen: 1.080 ppbv
RT: 17.809 min Scan# 4672
Delta R.T. -0.000 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

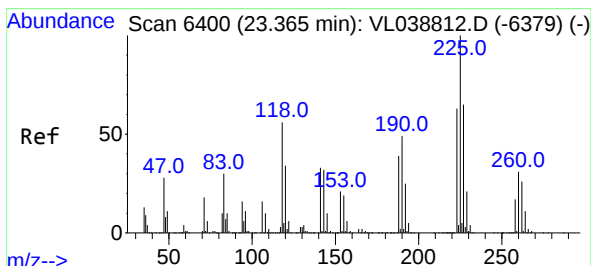
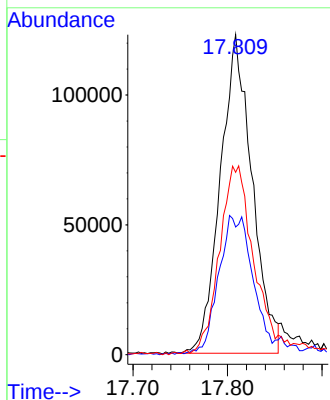
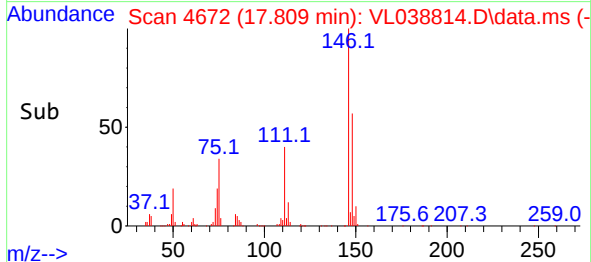
Instrument : MSVOA_1
ClientSampleId : VSTDIC001



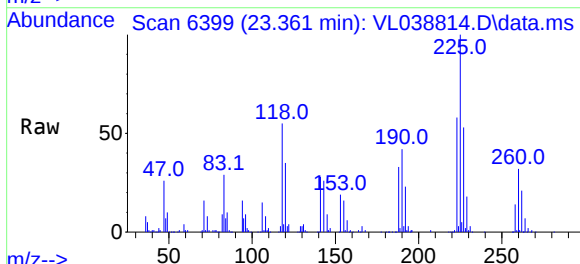
Tgt Ion:146 Resp: 286289
Ion Ratio Lower Upper
146 100
111 51.5 24.8 74.3
148 68.9 31.9 95.7

Manual Integrations
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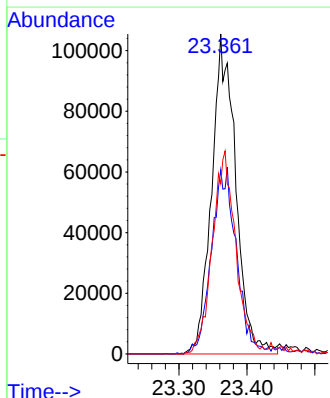
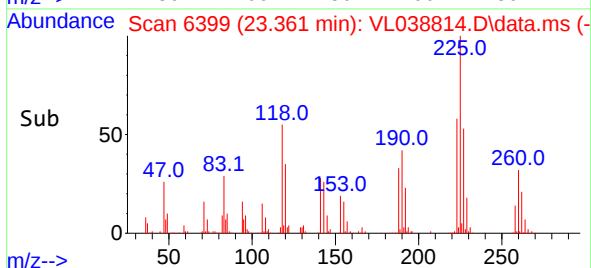
Reviewed By :Mahesh Dadoda 04/07/2022
Supervised By :Semsettin Yesilyurt 04/07/2022

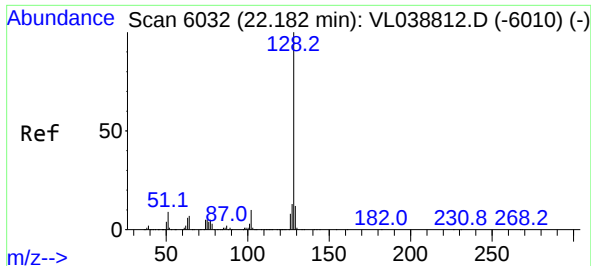


#78
Hexachloro-1,3-Butadiene
Concen: 1.059 ppbv m
RT: 23.361 min Scan# 6399
Delta R.T. -0.003 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13



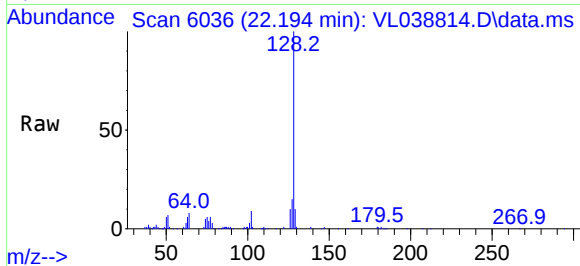
Tgt Ion:225 Resp: 259508
Ion Ratio Lower Upper
225 100
223 0.0 51.6 77.4#
227 0.0 52.3 78.5#





#79
Naphthalene
Concen: 1.160 ppbv
RT: 22.194 min Scan# 6036
Delta R.T. 0.013 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13

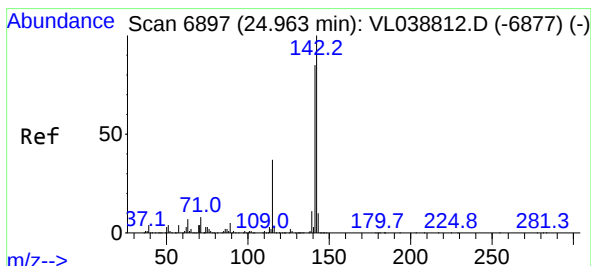
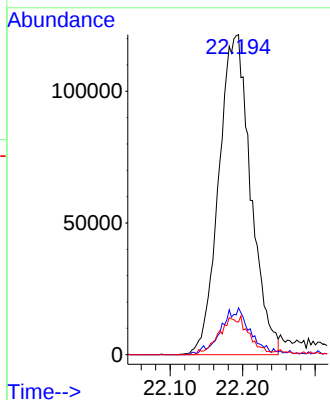
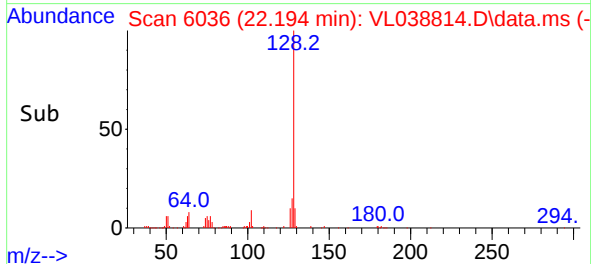
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



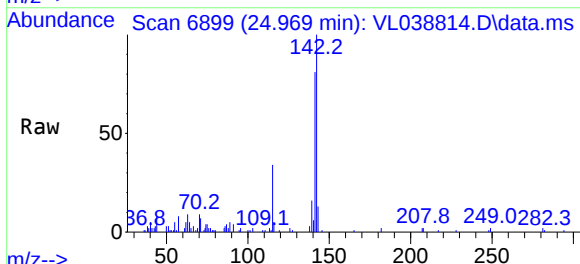
Tgt Ion:128 Resp: 37220
Ion Ratio Lower Upper
128 100
127 14.6 10.6 15.8
129 10.2 9.4 14.0

Manual Integrations
APPROVED

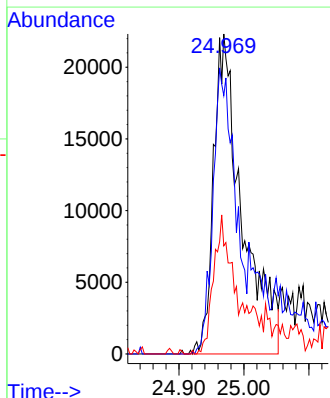
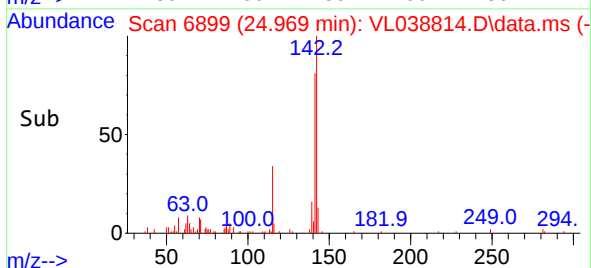
Reviewed By :Mahesh Dadoda 04/07/2022
Supervised By :Semsettin Yesilyurt 04/07/2022

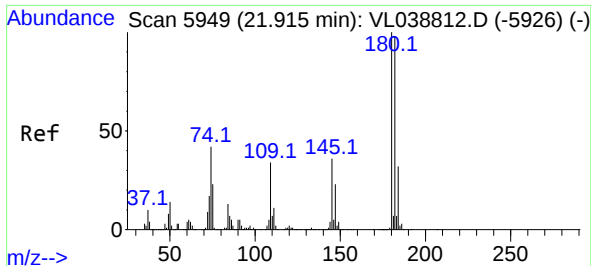


#80
Naphthalene,2-methyl-
Concen: 0.793 ppbv
RT: 24.969 min Scan# 6899
Delta R.T. 0.006 min
Lab File: VL038814.D
Acq: 5 Apr 2022 17:13



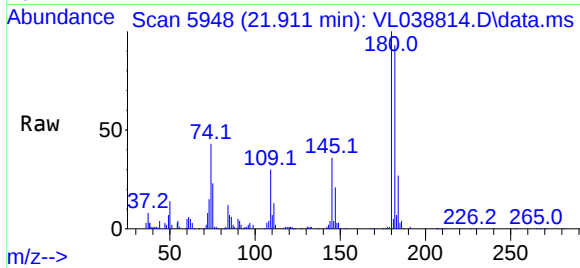
Tgt Ion:142 Resp: 68281
Ion Ratio Lower Upper
142 100
141 68.7 68.8 103.2#
115 42.0 31.6 47.4





#81
 1,2,4-Trichlorobenzene
 Concen: 1.007 ppbv m
 RT: 21.911 min Scan# 5948
 Delta R.T. -0.003 min
 Lab File: VL038814.D
 Acq: 5 Apr 2022 17:13

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion:180 Resp: 22118
 Ion Ratio Lower Upper
 180 100
 182 0.0 79.4 119.0
 184 0.0 25.0 37.6

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/07/2022
 Supervised By :Semsettin Yesilyurt 04/07/2022

