

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111021\
 Data File : VN069439.D
 Acq On : 10 Nov 2021 13:50
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/11/2021
 Supervised By : Semsettin Yesilyurt 11/16/2021

Quant Time: Nov 10 14:20:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 10 14:06:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.662	128	201238	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	1120146	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	1072447	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	500890	31.956	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 106.533%	
60) 4-Bromofluorobenzene	12.733	95	538418	29.279	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 97.600%	
63) Toluene-d8	10.443	98	1456818	30.066	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.233%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	1548232	116.356	ug/l	98
3) Chloromethane	2.303	50	1575611	113.898	ug/l	96
4) Vinyl Chloride	2.445	62	1587453	96.270	ug/l	99
5) Bromomethane	2.829	94	971987	89.874	ug/l	99
6) Chloroethane	3.006	64	973869	91.111	ug/l	97
7) Trichlorofluoromethane	3.368	101	2259227	105.804	ug/l	98
8) Diethyl Ether	3.821	74	715433	94.631	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.202	101	1047862	90.328	ug/l	72
10) 1,1-Dichloroethene	4.175	96	1007649	89.030	ug/l	89
11) Methyl Iodide	4.417	142	1497574	94.104	ug/l	97
12) Methyl Acetate	4.857	43	2880885	133.650	ug/l	90
13) Acrolein	4.039	56	371186	285.829	ug/l	97
14) Acrylonitrile	5.557	53	4035865	659.868	ug/l	99
15) Acetone	4.291	58	1258890	658.438	ug/l	80
16) Carbon Disulfide	4.524	76	2685137	88.292	ug/l	98
17) Allyl chloride	4.838	41	2226858	114.254	ug/l	91
18) Methylene Chloride	5.093	84	1261977	93.833	ug/l #	87
19) trans-1,2-Dichloroethene	5.594	96	1131243	92.044	ug/l	88
20) Diisopropyl ether	6.501	45	4718901	113.342	ug/l	95
21) 1,1-Dichloroethane	6.388	63	2369274	101.957	ug/l	99
22) cis-1,2-Dichloroethene	7.327	96	1407062	95.517	ug/l	94
23) tert-Butyl Alcohol	5.388	59	1410264	561.979	ug/l #	100
24) Methyl tert-Butyl Ether	5.618	73	4158325	96.866	ug/l	97
25) Chloroform	7.820	83	2441649	98.329	ug/l	100
26) Cyclohexane	8.096	56	2289574	106.969	ug/l #	88
29) 1,1-Dichloropropene	8.222	75	1793421	101.734	ug/l	96
30) 2-Butanone	7.337	43	6398929	755.978	ug/l	92
31) 2,2-Dichloropropane	7.327	77	1962759	92.940	ug/l	97
32) 1,1,1-Trichloroethane	8.016	97	2115655	96.456	ug/l	95
33) Carbon Tetrachloride	8.209	117	1788710	96.010	ug/l	98
34) Benzene	8.461	78	5426601	103.092	ug/l	100
35) Methacrylonitrile	7.640	41	1223050	144.985	ug/l	91
36) 1,2-Dichloroethane	8.531	62	2072414	109.088	ug/l	99
37) Trichloroethene	9.217	130	1332333	99.540	ug/l	93
38) Methylcyclohexane	9.461	83	2259129	100.667	ug/l	91
39) 1,2-Dichloropropane	9.491	63	1452625	108.220	ug/l	100
40) Dibromomethane	9.577	93	965596	102.892	ug/l	95
41) Bromodichloromethane	9.765	83	1901394	101.396	ug/l	96
42) Vinyl Acetate	6.436	43	19002077	629.144	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.418	43	2377833	144.009	ug/l	97
44) Isopropyl Acetate	8.563	43	3849925	125.924	ug/l	96
45) 1,4-Dioxane	9.571	88	618736	2528.692	ug/l	90
46) Methyl methacrylate	9.561	41	1784023	129.086	ug/l	85
47) n-amyl Acetate	12.388	43	3199711	123.273	ug/l	96
48) t-1,3-Dichloropropene	10.719	75	2141609	98.738	ug/l	98
49) cis-1,3-Dichloropropene	10.191	75	2278891	100.897	ug/l	96
50) 1,1,2-Trichloroethane	10.899	97	1386651	102.955	ug/l	96
51) Ethyl methacrylate	10.762	69	2422368	109.105	ug/l	91
52) 1,3-Dichloropropane	11.047	76	2385470	105.272	ug/l	99
53) Dibromochloromethane	11.240	129	1441916	100.285	ug/l	99
54) 1,2-Dibromoethane	11.347	107	1481366	105.212	ug/l	97
55) 2-Chloroethyl vinyl ether	10.043	63	2909755	412.792	ug/l	97
56) Bromoform	12.460	173	1078625	104.071	ug/l #	100
58) 4-Methyl-2-Pentanone	10.333	43	12485015	690.055	ug/l	96
59) 2-Hexanone	11.087	43	9466102	692.821	ug/l	96
61) Tetrachloroethene	10.979	164	1177579	101.031	ug/l	95
62) Toluene	10.507	91	6119267	97.961	ug/l	99
64) Chlorobenzene	11.771	112	3712712	97.999	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.843	131	1359341	96.443	ug/l	99
66) Ethyl Benzene	11.846	91	6903574	98.300	ug/l	99
67) m/p-Xylenes	11.953	106	5182413	196.226	ug/l	98
68) o-Xylene	12.280	106	2600504	98.336	ug/l	97
69) Styrene	12.296	104	4337505	98.977	ug/l	98
70) Isopropylbenzene	12.581	105	6835262	98.590	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.827	83	2236668	110.070	ug/l	98
72) 1,2,3-Trichloropropane	12.881	75	2142692m	122.716	ug/l	
73) Bromobenzene	12.862	156	1591975	101.305	ug/l	94
74) n-propylbenzene	12.921	91	7957114	99.941	ug/l	99
75) 2-Chlorotoluene	13.007	91	4781845	98.085	ug/l	97
76) 1,3,5-Trimethylbenzene	13.061	105	5637606	97.564	ug/l	99
77) t-1,4-Dichloro-2-butene	12.626	75	691725	101.300	ug/l	94
78) 4-Chlorotoluene	13.106	91	4646557	97.250	ug/l	96
79) tert-butylbenzene	13.326	119	4979606	98.146	ug/l	100
80) 1,2,4-Trimethylbenzene	13.369	105	5524120m	97.386	ug/l	
81) sec-Butylbenzene	13.503	105	7065775	99.482	ug/l	100
82) p-Isopropyltoluene	13.616	119	5710529	98.571	ug/l	99
83) 1,3-Dichlorobenzene	13.616	146	2794510	101.010	ug/l	99
84) 1,4-Dichlorobenzene	13.696	146	2701368	100.273	ug/l	99
85) n-Butylbenzene	13.943	91	4948247	102.126	ug/l	99
86) Hexachloroethane	14.211	117	1010890	93.191	ug/l	89
87) 1,2-Dichlorobenzene	13.989	146	2642676	99.971	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.603	75	427197	112.866	ug/l	98
89) 1,2,4-Trichlorobenzene	15.265	180	1365605	102.459	ug/l	97
90) Hexachlorobutadiene	15.370	225	699365	100.363	ug/l	99
91) Naphthalene	15.507	128	4000681	103.771	ug/l	99
92) 1,2,3-Trichlorobenzene	15.700	180	1324180	103.956	ug/l	99

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

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ClientSampleId :

VSTDICC100

Manual Integrations

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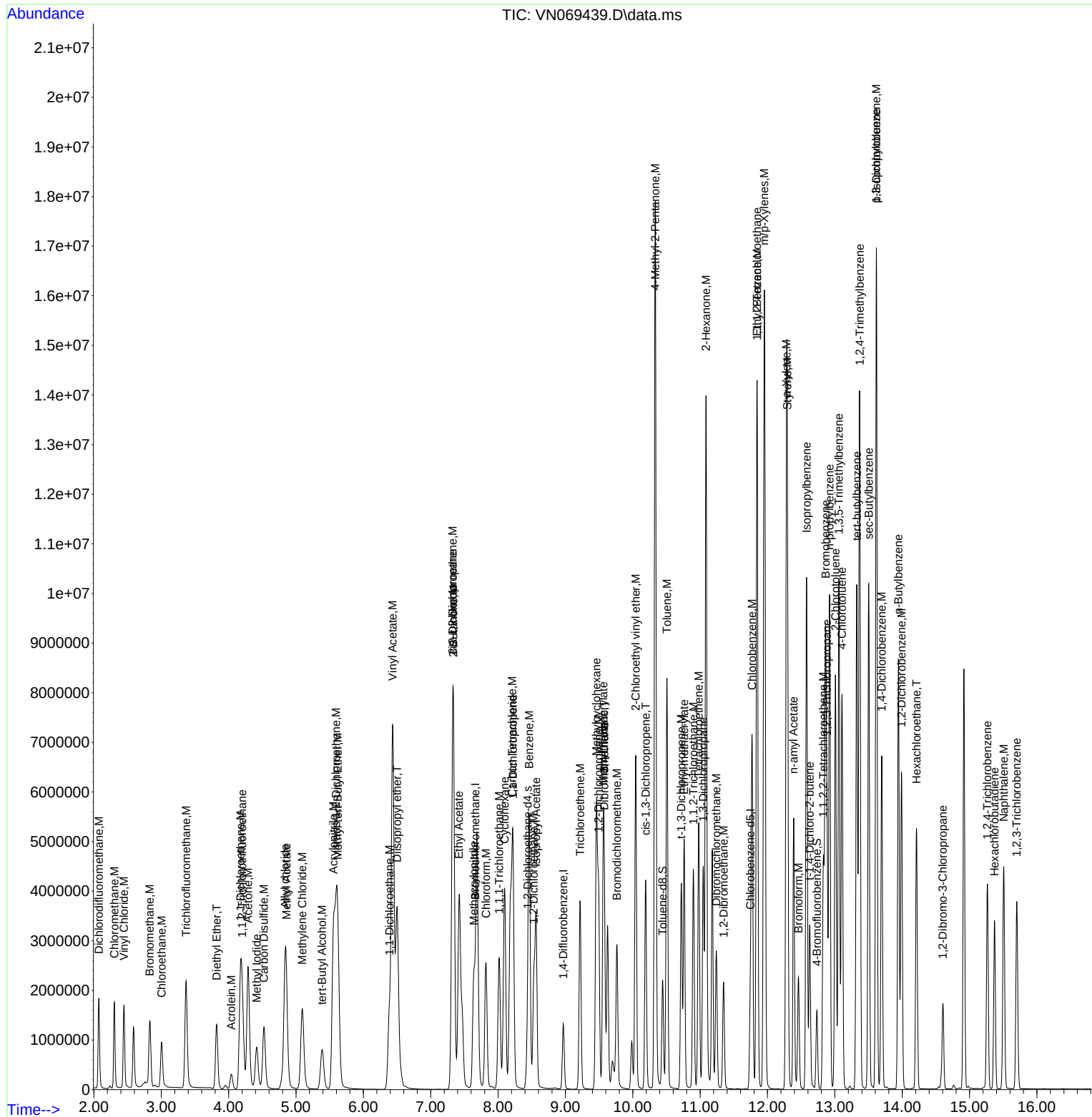
Quant Time: Nov 10 14:20:49 2021

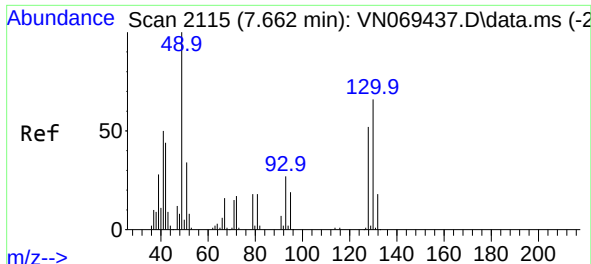
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Wed Nov 10 14:06:09 2021

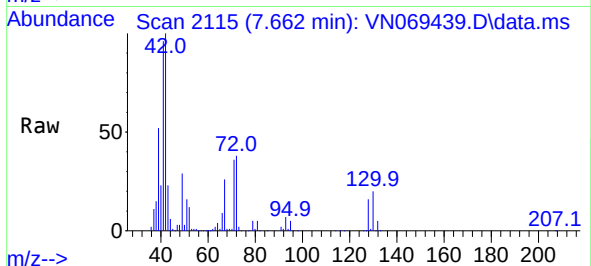
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VN069439.D
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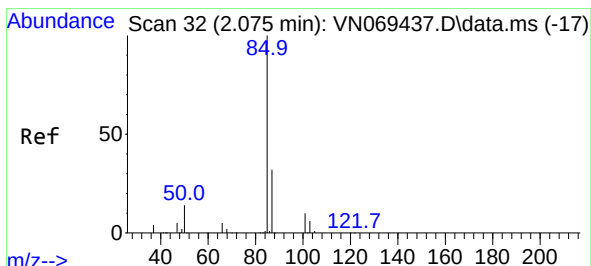
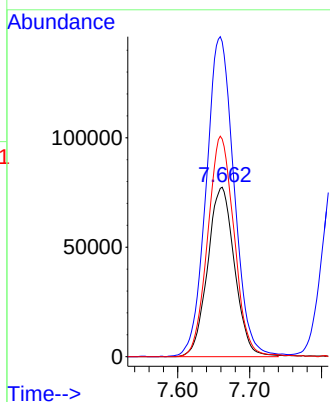
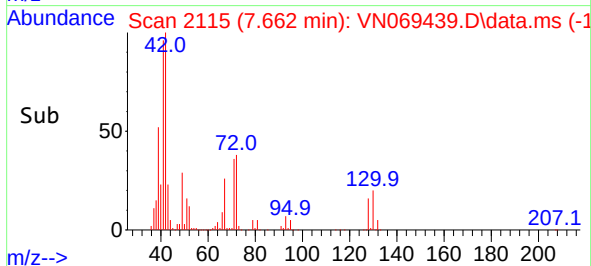
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:128 Resp: 201238
Ion Ratio Lower Upper
128 100
49 195.7 0.0 392.3
130 127.5 0.0 320.2

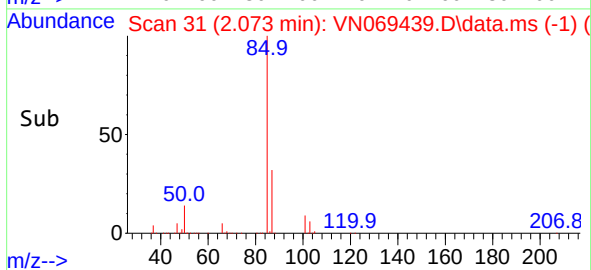
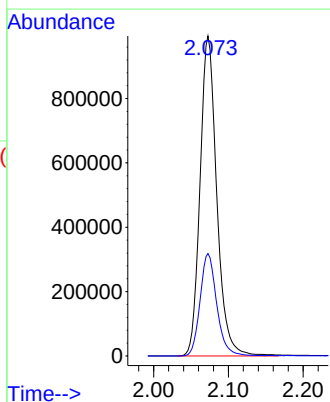
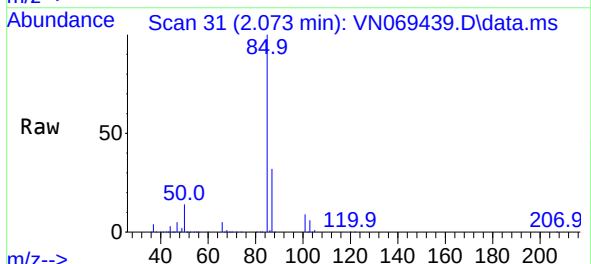
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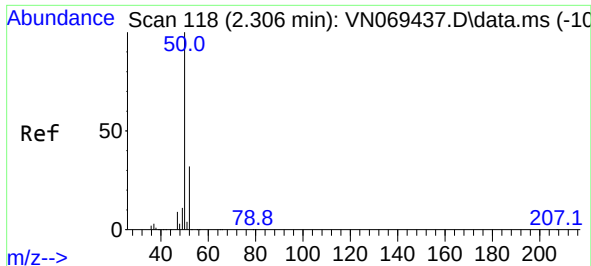
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#2
Dichlorodifluoromethane
Concen: 116.356 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

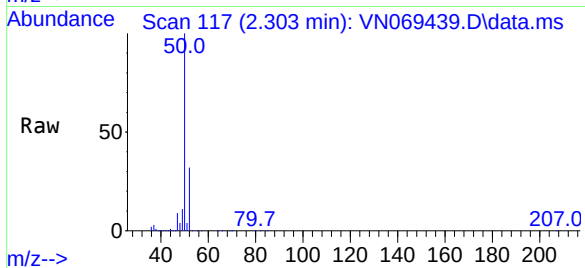
Tgt Ion: 85 Resp: 1548232
Ion Ratio Lower Upper
85 100
87 32.0 16.6 49.7





#3
Chloromethane
Concen: 113.898 ug/l
RT: 2.303 min Scan# 118
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

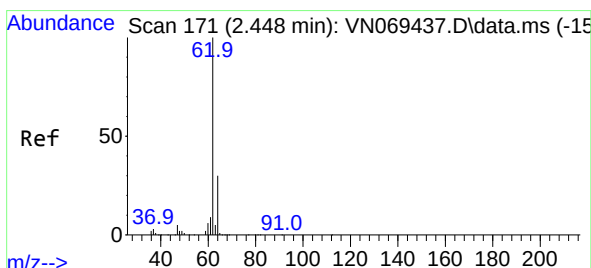
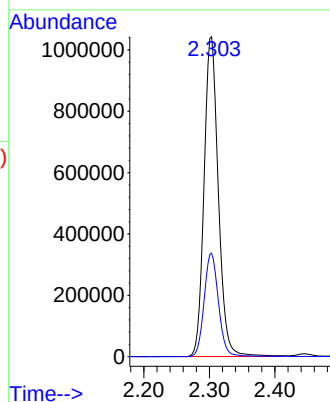
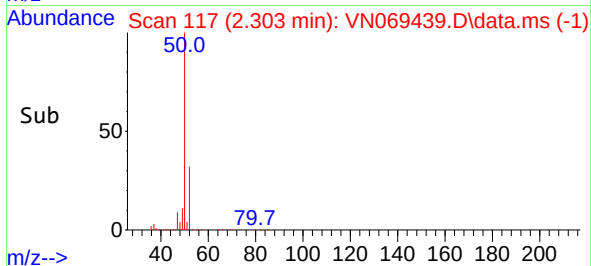
Instrument :
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ClientSampleId :
VSTDIC100



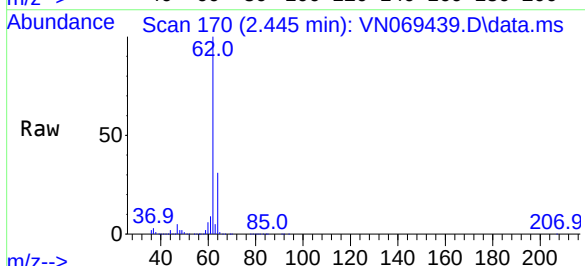
Tgt Ion: 50 Resp: 157561
Ion Ratio Lower Upper
50 100
52 32.4 27.8 41.6

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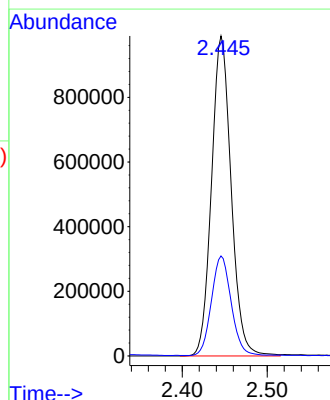
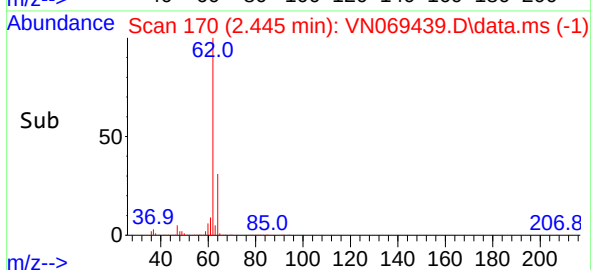
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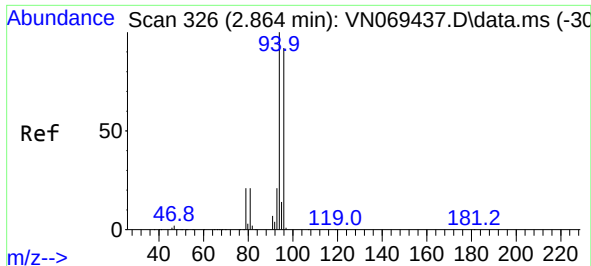


#4
Vinyl Chloride
Concen: 96.270 ug/l
RT: 2.445 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50



Tgt Ion: 62 Resp: 1587453
Ion Ratio Lower Upper
62 100
64 31.1 25.1 37.7





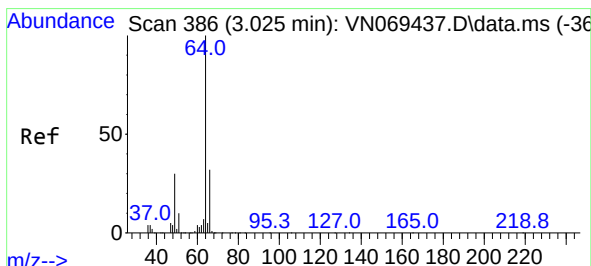
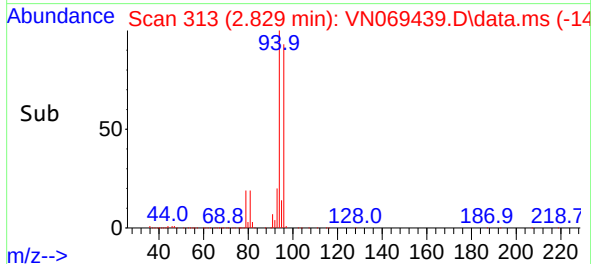
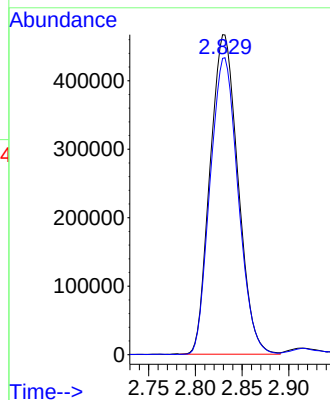
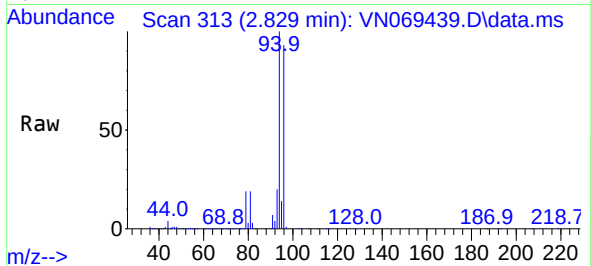
#5
Bromomethane
Concen: 89.874 ug/l
RT: 2.829 min Scan# 31
Delta R.T. -0.035 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

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Tgt Ion: 94 Resp: 97198
Ion Ratio Lower Upper
94 100
96 92.6 75.2 112.8

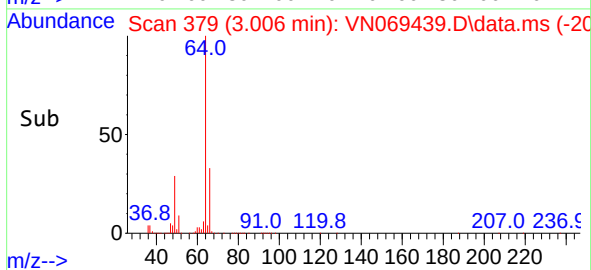
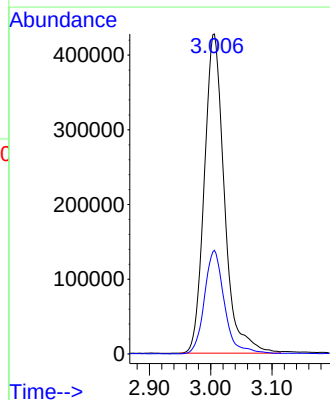
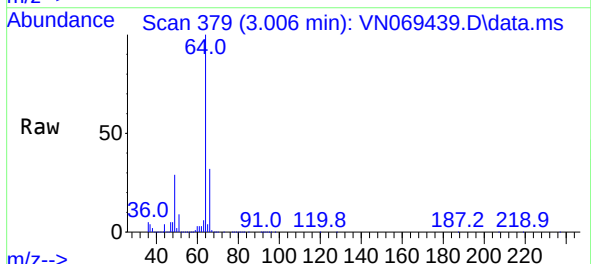
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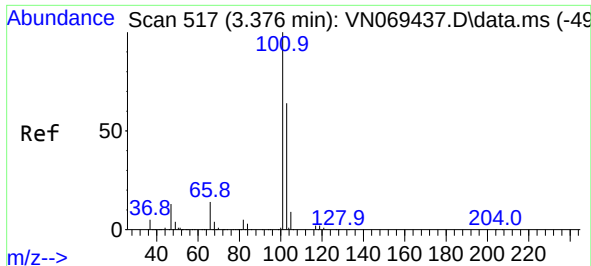
Reviewed By :John Carlone 11/11/2021
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#6
Chloroethane
Concen: 91.111 ug/l
RT: 3.006 min Scan# 379
Delta R.T. -0.019 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

Tgt Ion: 64 Resp: 973869
Ion Ratio Lower Upper
64 100
66 32.4 24.6 36.8





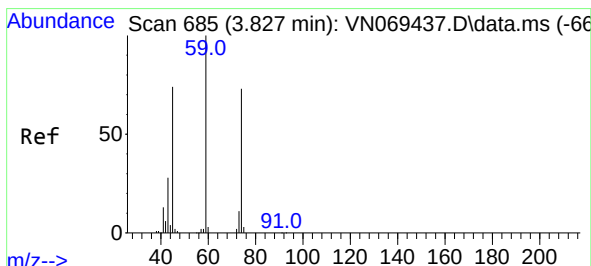
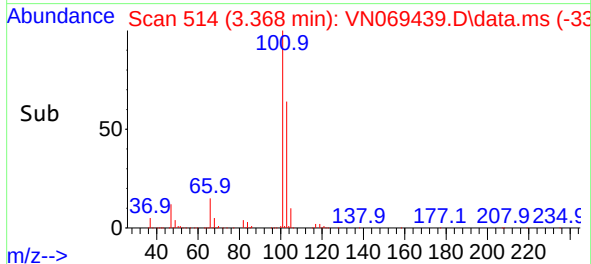
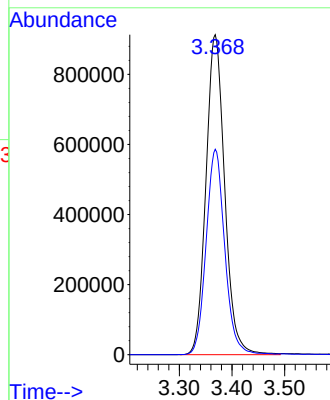
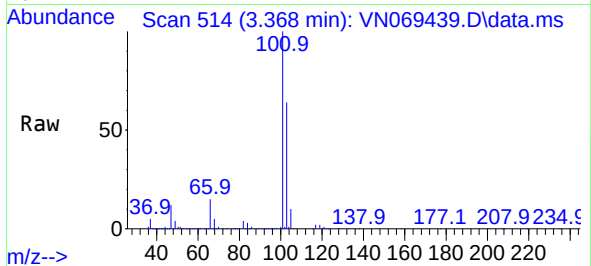
#7
Trichlorofluoromethane
Concen: 105.804 ug/l
RT: 3.368 min Scan# 517
Delta R.T. -0.011 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

Instrument :
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Tgt Ion:101 Resp: 225922
Ion Ratio Lower Upper
101 100
103 64.2 50.1 75.1

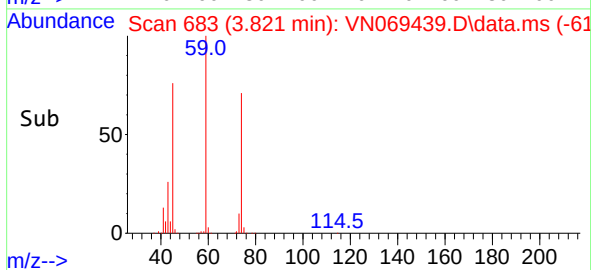
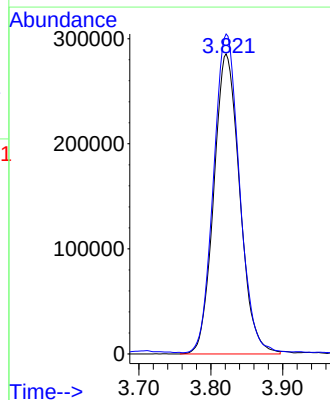
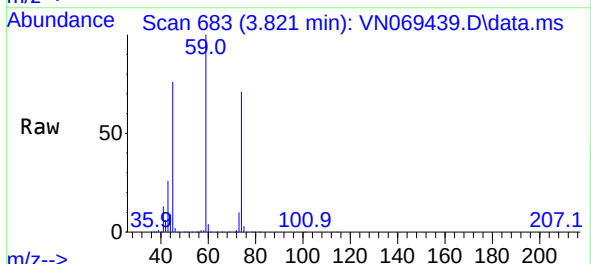
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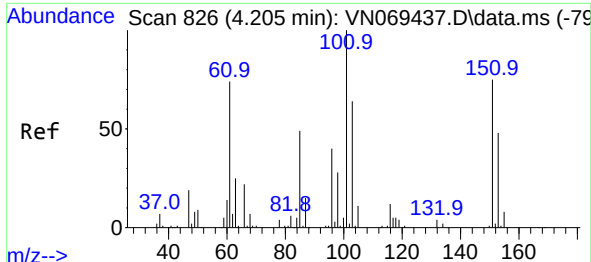
Reviewed By :John Carlone 11/11/2021
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#8
Diethyl Ether
Concen: 94.631 ug/l
RT: 3.821 min Scan# 683
Delta R.T. -0.008 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

Tgt Ion: 74 Resp: 715433
Ion Ratio Lower Upper
74 100
45 106.0 17.6 158.8





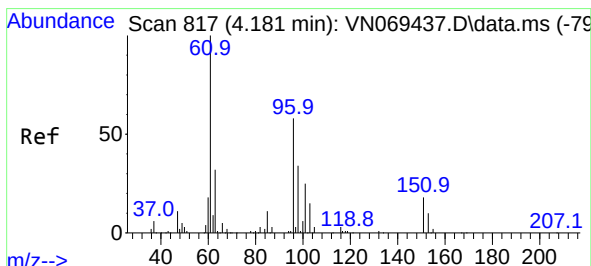
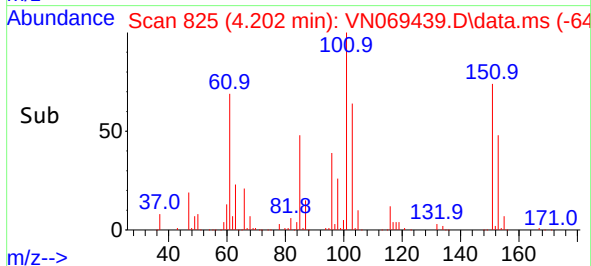
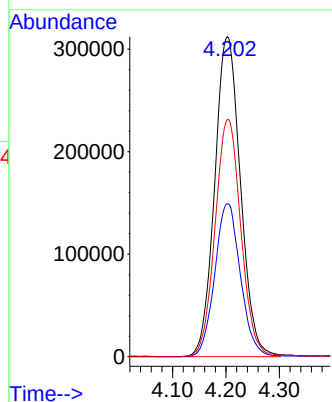
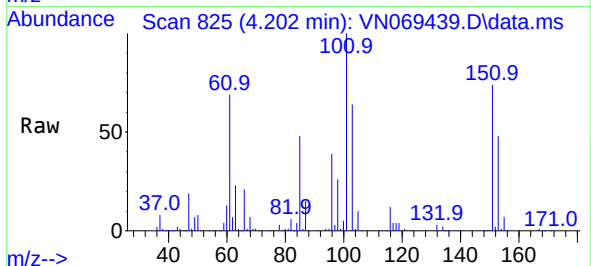
#9
1,1,2-Trichlorotrifluoroethane
Concen: 90.328 ug/l
RT: 4.202 min Scan# 815
Delta R.T. -0.019 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

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Tgt Ion:101 Resp: 1047862
Ion Ratio Lower Upper
101 100
85 47.7 0.0 94.0
151 74.1 0.0 74.6

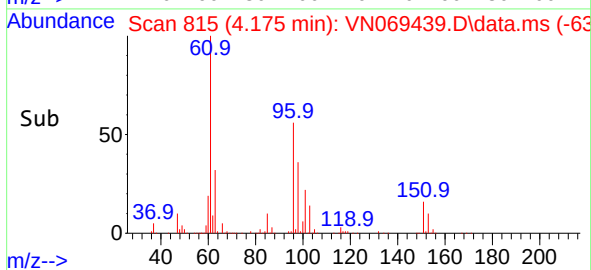
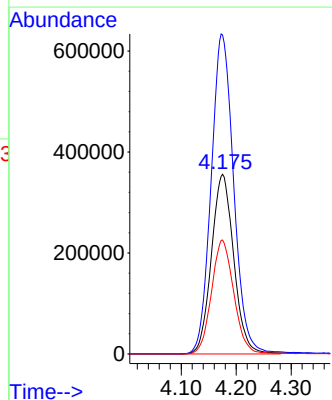
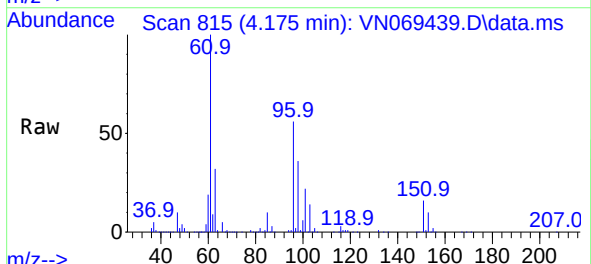
Manual Integrations
APPROVED

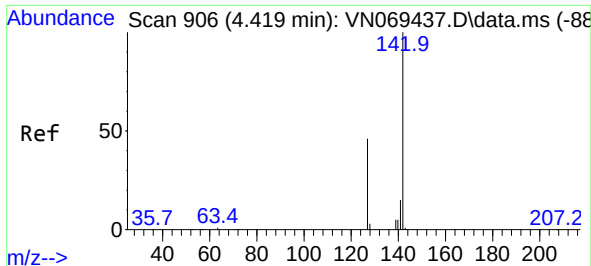
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#10
1,1-Dichloroethene
Concen: 89.030 ug/l
RT: 4.175 min Scan# 815
Delta R.T. -0.016 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

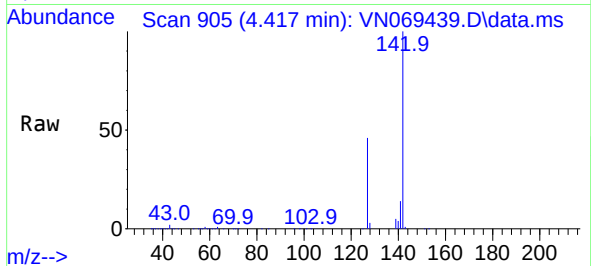
Tgt Ion: 96 Resp: 1007649
Ion Ratio Lower Upper
96 100
61 177.4 126.2 189.4
98 63.4 50.9 76.3





#11
Methyl Iodide
Concen: 94.104 ug/l
RT: 4.417 min Scan# 906
Delta R.T. -0.013 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

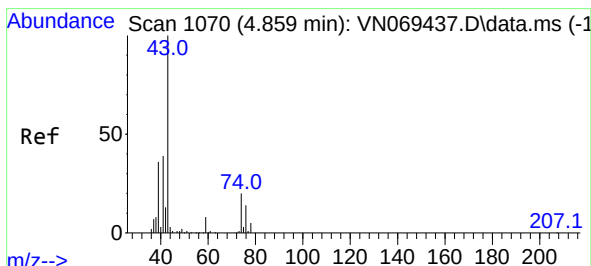
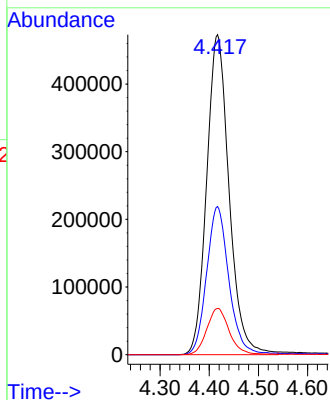
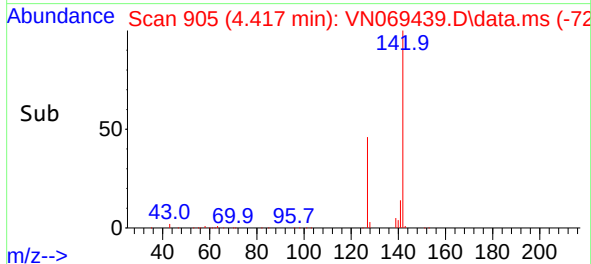
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:142 Resp: 1497574
Ion Ratio Lower Upper
142 100
127 46.3 24.0 72.0
141 14.5 8.4 25.2

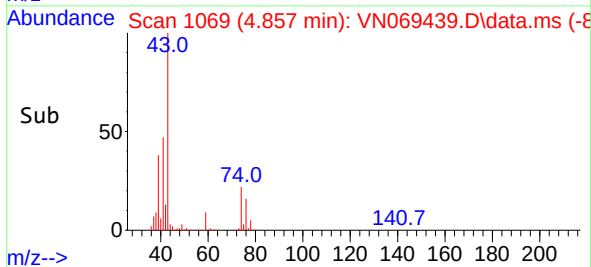
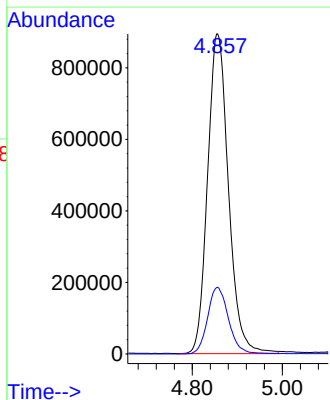
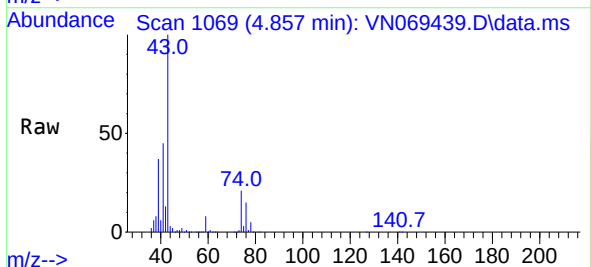
Manual Integrations
APPROVED

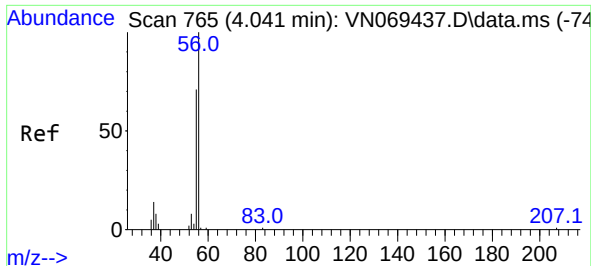
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#12
Methyl Acetate
Concen: 133.650 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

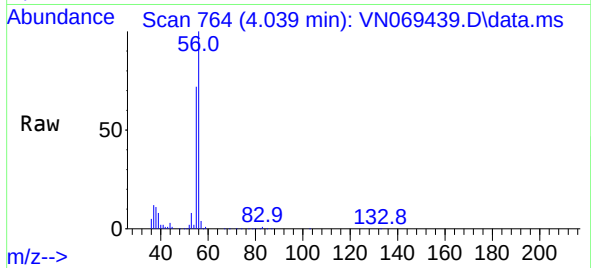
Tgt Ion: 43 Resp: 2880885
Ion Ratio Lower Upper
43 100
74 20.9 20.8 31.2





#13
Acrolein
Concen: 285.829 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.008 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

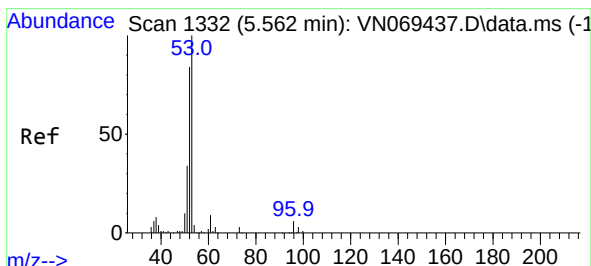
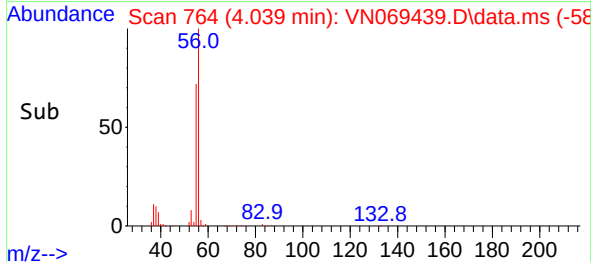
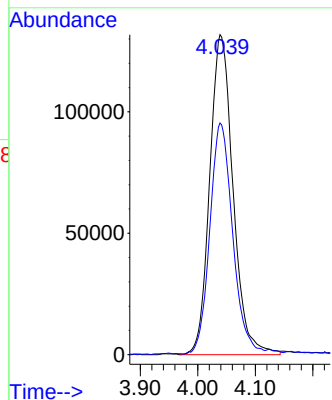
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 371186
Ion Ratio Lower Upper
56 100
55 69.5 57.6 86.4

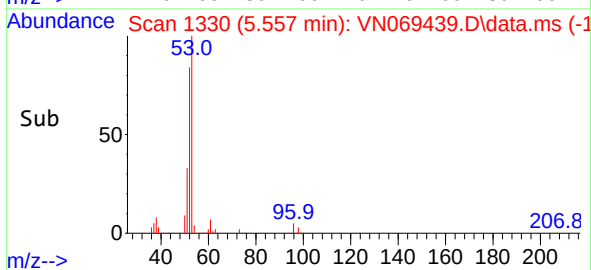
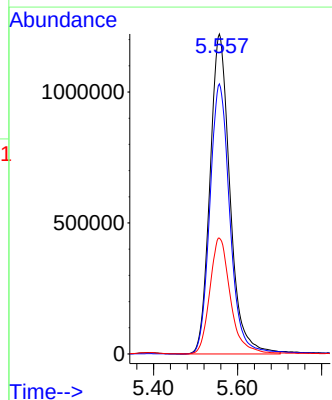
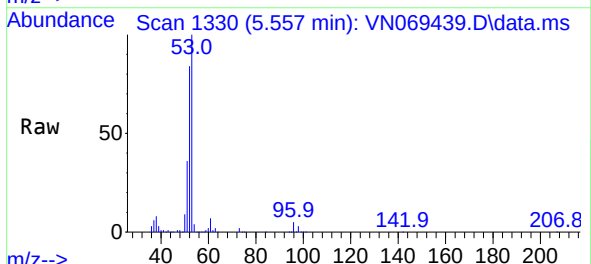
Manual Integrations
APPROVED

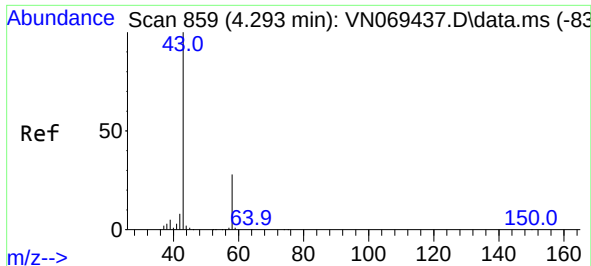
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#14
Acrylonitrile
Concen: 659.868 ug/l
RT: 5.557 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

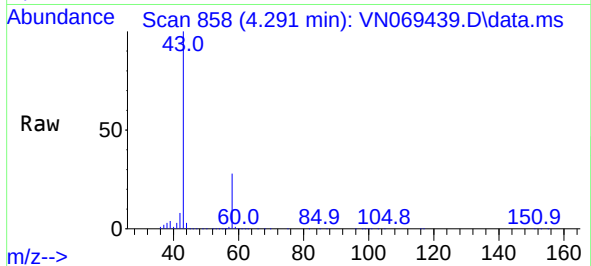
Tgt Ion: 53 Resp: 4035865
Ion Ratio Lower Upper
53 100
52 84.8 41.8 125.4
51 37.4 19.0 57.0





#15
Acetone
Concen: 658.438 ug/l
RT: 4.291 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

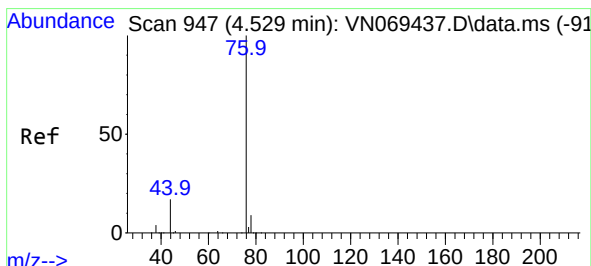
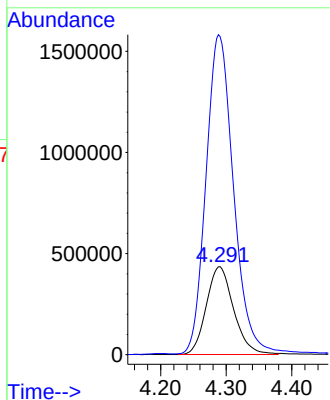
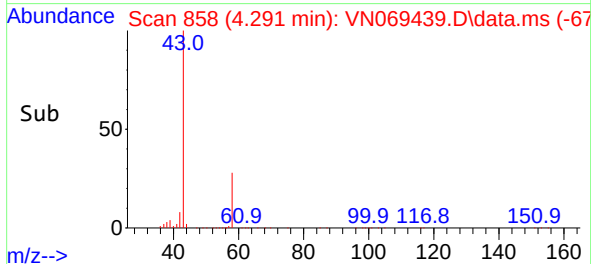
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC100



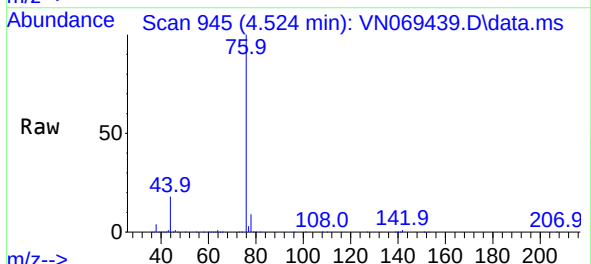
Tgt Ion: 58 Resp: 1258890
Ion Ratio Lower Upper
58 100
43 360.9 256.6 384.8

Manual Integrations
APPROVED

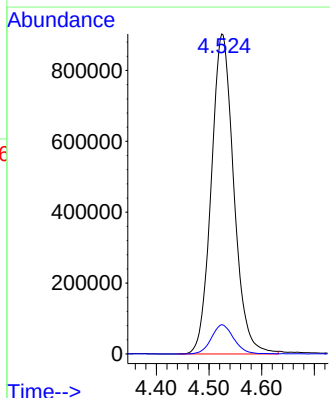
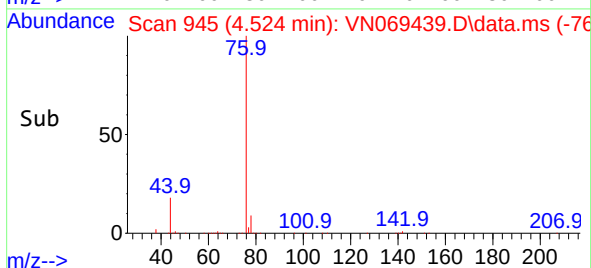
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

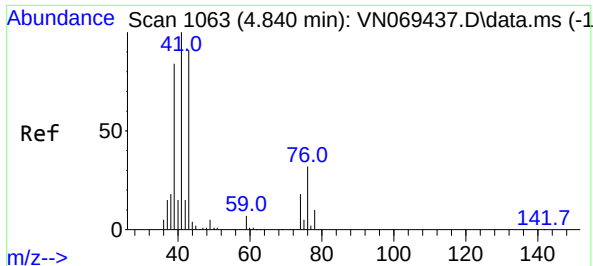


#16
Carbon Disulfide
Concen: 88.292 ug/l
RT: 4.524 min Scan# 945
Delta R.T. -0.013 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50



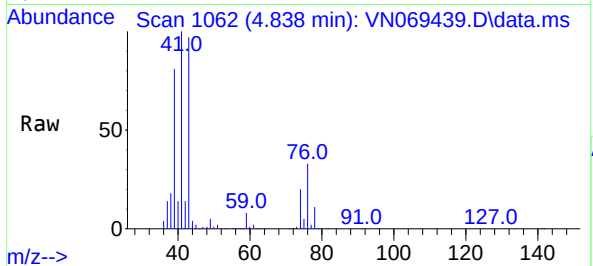
Tgt Ion: 76 Resp: 2685137
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.8





#17
 Allyl chloride
 Concen: 114.254 ug/l
 RT: 4.838 min Scan# 1062
 Delta R.T. -0.008 min
 Lab File: VN069439.D
 Acq: 10 Nov 2021 13:50

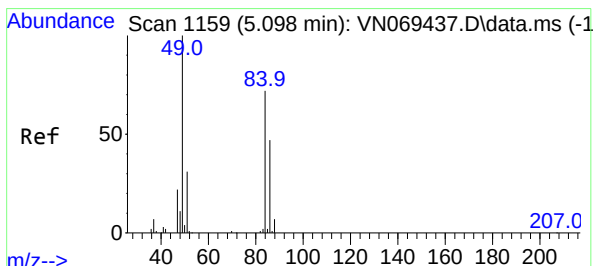
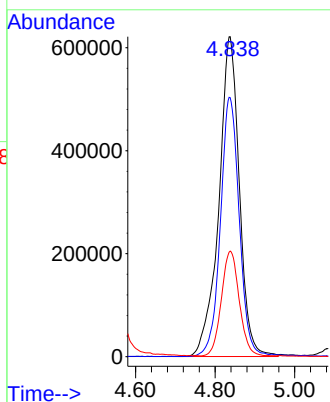
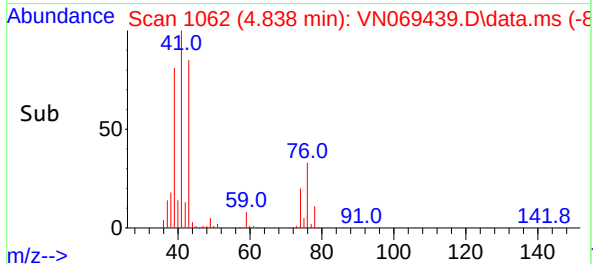
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



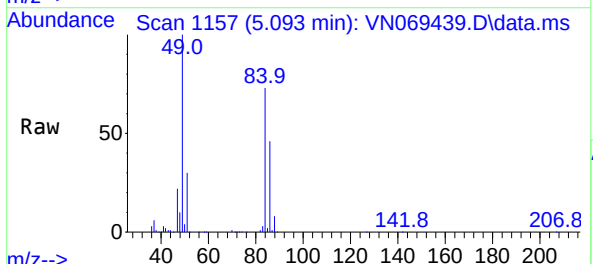
Tgt Ion: 41 Resp: 222685
 Ion Ratio Lower Upper
 41 100
 39 80.9 44.6 134.0
 76 32.7 19.6 58.7

Manual Integrations
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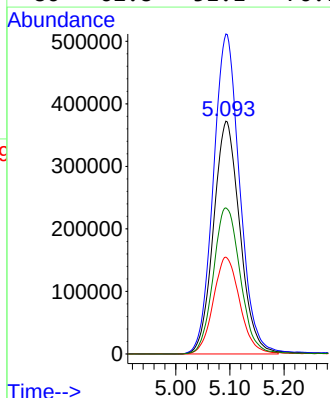
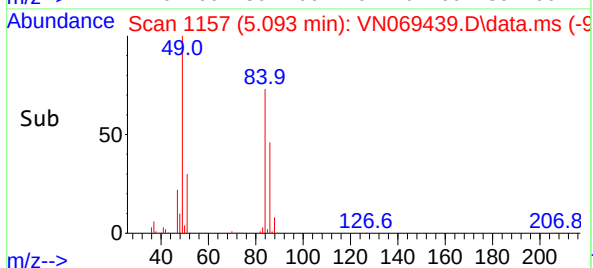
Reviewed By :John Carlone 11/11/2021
 Supervised By :Semsettin Yesilyurt 11/16/2021

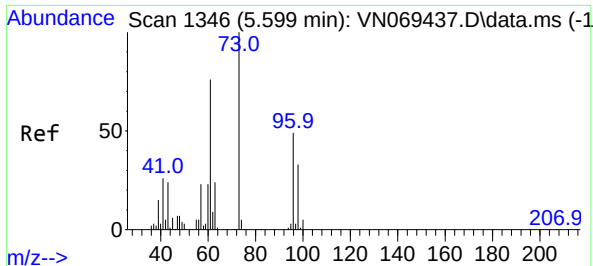


#18
 Methylene Chloride
 Concen: 93.833 ug/l
 RT: 5.093 min Scan# 1157
 Delta R.T. -0.008 min
 Lab File: VN069439.D
 Acq: 10 Nov 2021 13:50



Tgt Ion: 84 Resp: 1261977
 Ion Ratio Lower Upper
 84 100
 49 137.4 91.4 137.0#
 51 41.5 29.4 44.0
 86 62.8 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 92.044 ug/l

RT: 5.594 min Scan# 11

Delta R.T. -0.011 min

Lab File: VN069439.D

Acq: 10 Nov 2021 13:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 96 Resp: 113124

Ion Ratio Lower Upper

96 100

61 148.1 102.8 154.2

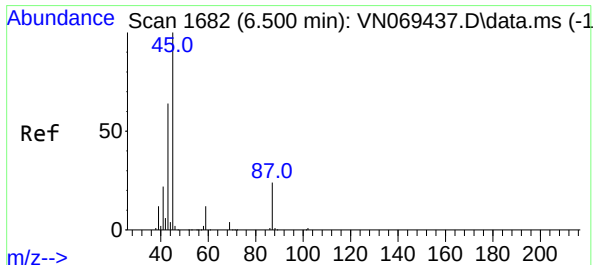
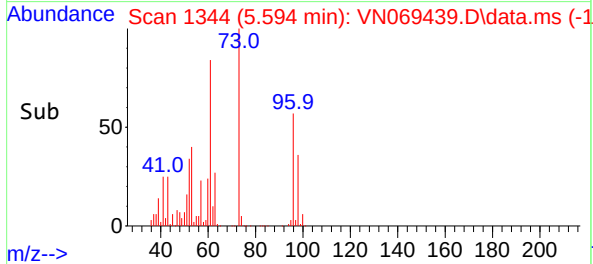
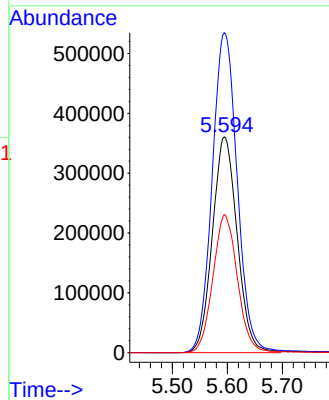
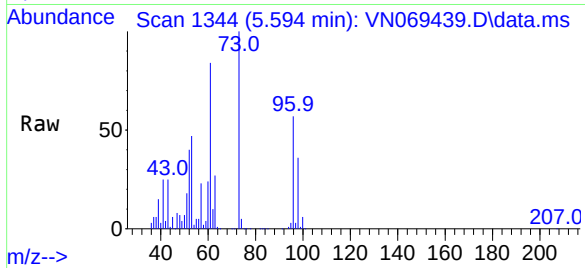
98 63.9 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/16/2021



#20

Diisopropyl ether

Concen: 113.342 ug/l

RT: 6.501 min Scan# 1682

Delta R.T. 0.003 min

Lab File: VN069439.D

Acq: 10 Nov 2021 13:50

Tgt Ion: 45 Resp: 4718901

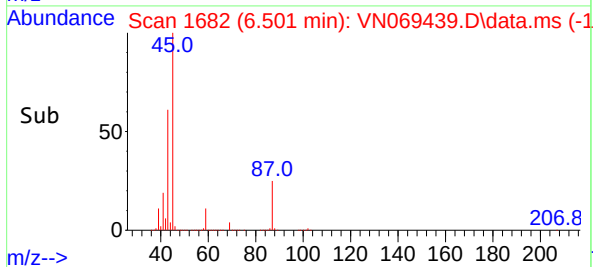
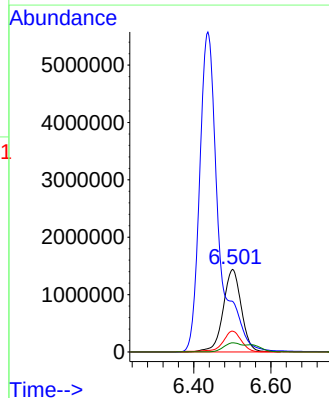
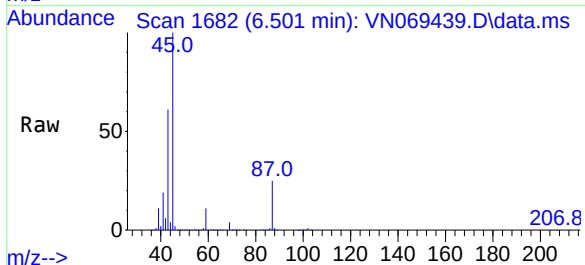
Ion Ratio Lower Upper

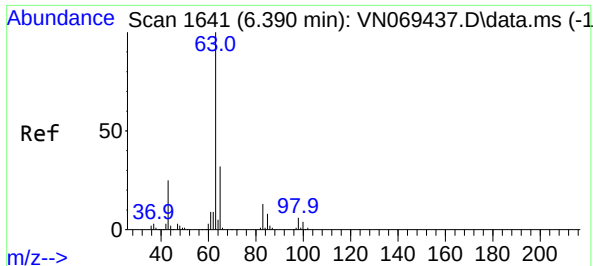
45 100

43 60.9 51.0 76.4

87 25.0 25.0 37.4

59 10.9 8.7 13.1





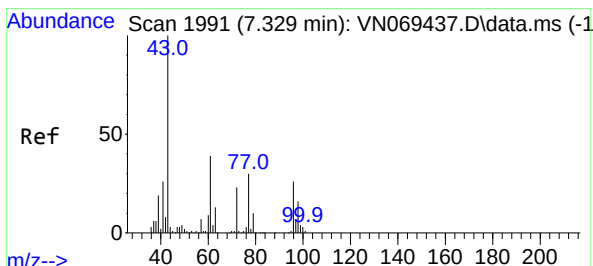
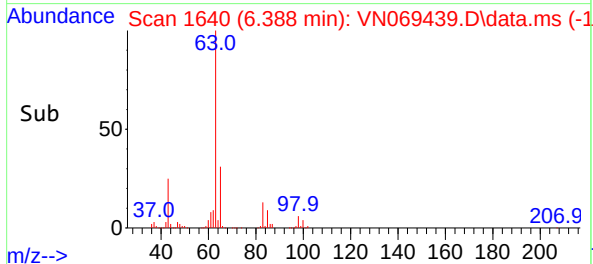
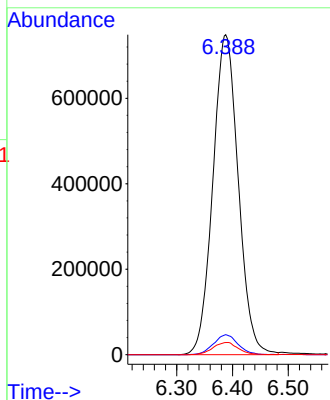
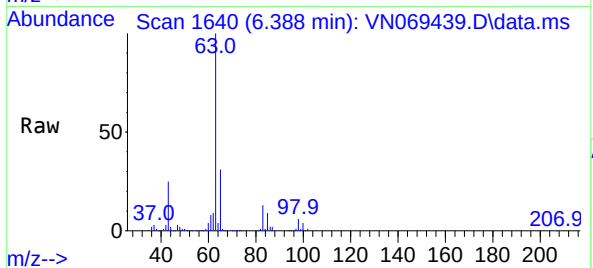
#21
1,1-Dichloroethane
Concen: 101.957 ug/l
RT: 6.388 min Scan# 1
Delta R.T. -0.005 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 2369274
Ion Ratio Lower Upper
63 100
98 6.2 3.2 9.6
100 3.8 2.1 6.2

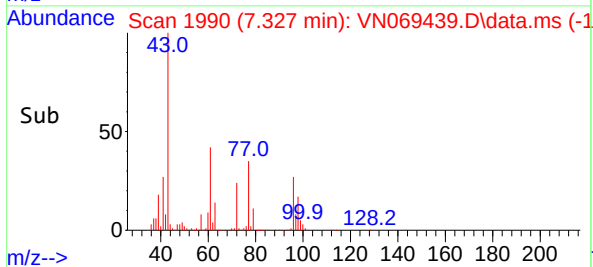
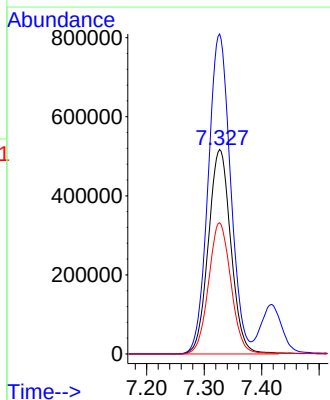
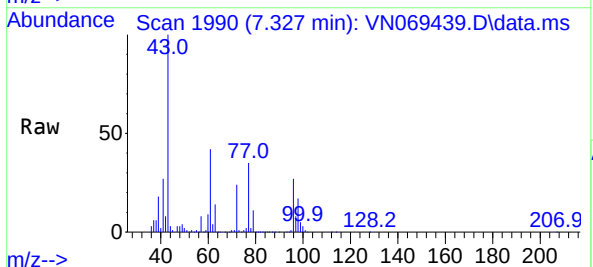
Manual Integrations
APPROVED

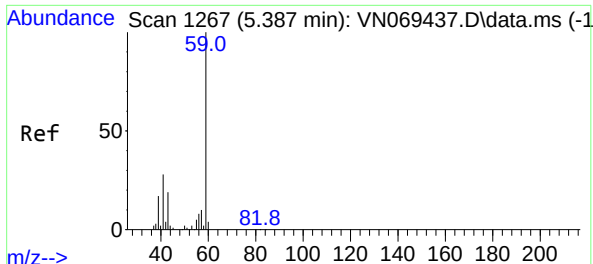
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#22
cis-1,2-Dichloroethene
Concen: 95.517 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.003 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

Tgt Ion: 96 Resp: 1407062
Ion Ratio Lower Upper
96 100
61 155.0 115.7 173.5
98 63.6 51.6 77.4





#23

tert-Butyl Alcohol

Concen: 561.979 ug/l

RT: 5.388 min Scan# 1267

Delta R.T. 0.022 min

Lab File: VN069439.D

Acq: 10 Nov 2021 13:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 59 Resp: 1410264

Ion Ratio Lower Upper

59 100

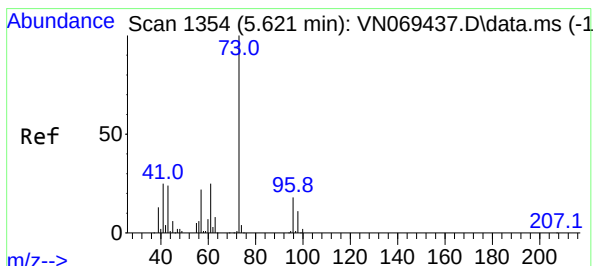
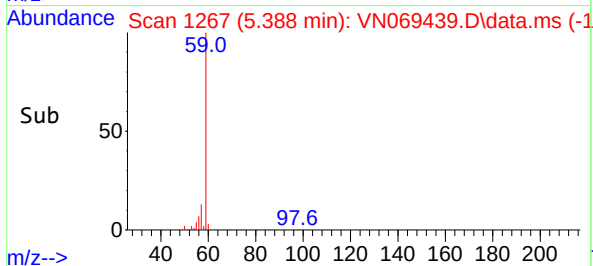
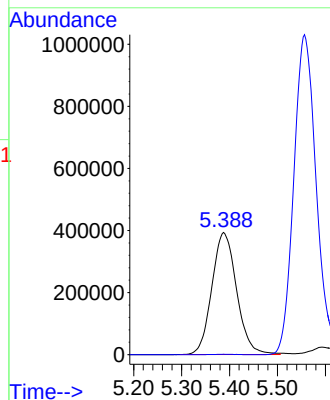
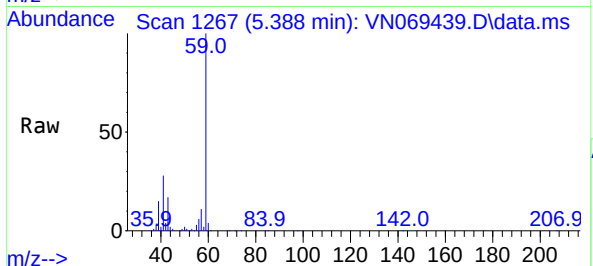
52 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/16/2021



#24

Methyl tert-Butyl Ether

Concen: 96.866 ug/l

RT: 5.618 min Scan# 1353

Delta R.T. -0.003 min

Lab File: VN069439.D

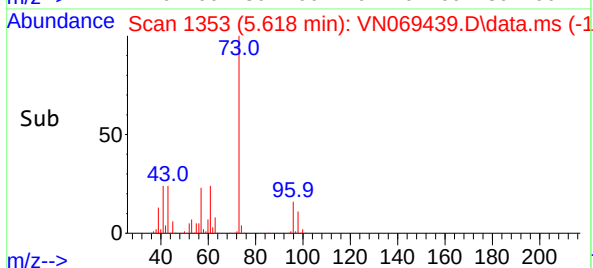
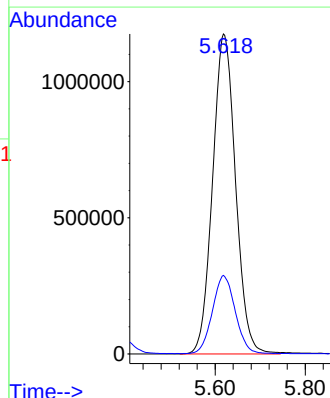
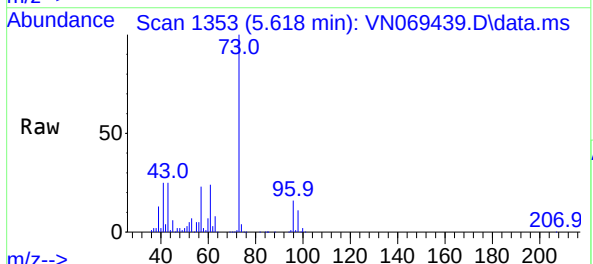
Acq: 10 Nov 2021 13:50

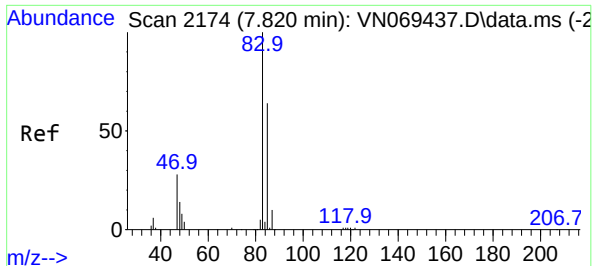
Tgt Ion: 73 Resp: 4158325

Ion Ratio Lower Upper

73 100

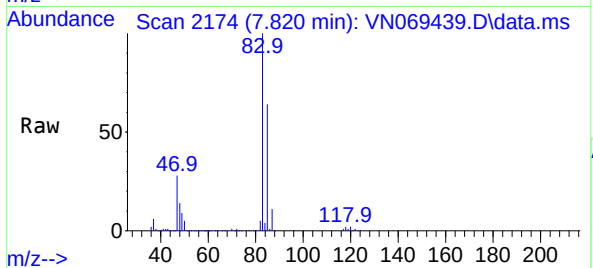
43 24.1 18.1 27.1





#25
Chloroform
Concen: 98.329 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

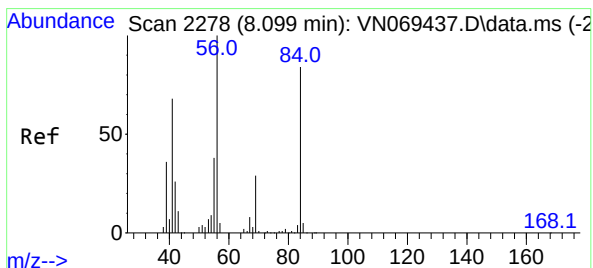
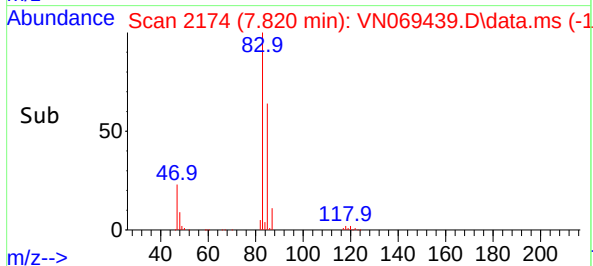
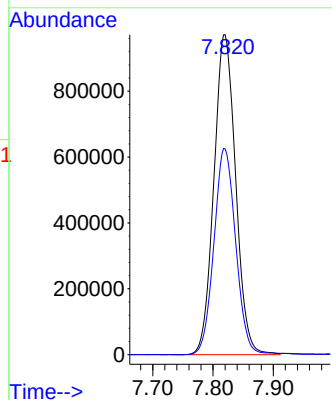
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 2441649
Ion Ratio Lower Upper
83 100
85 64.3 51.3 76.9

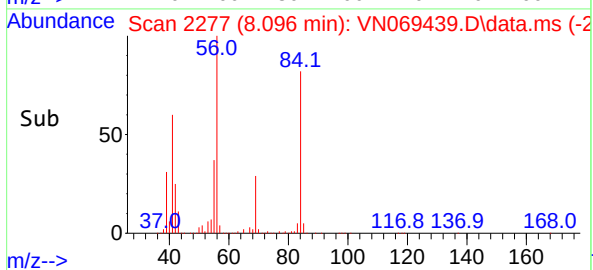
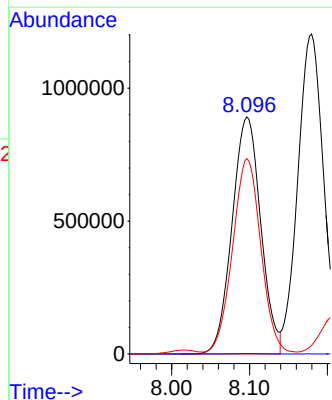
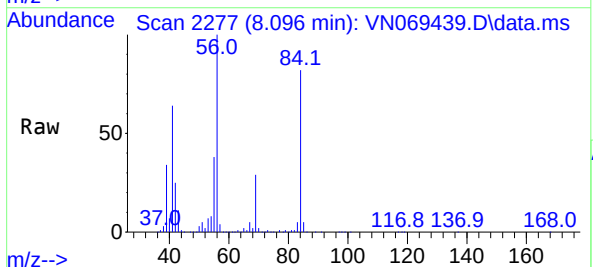
Manual Integrations
APPROVED

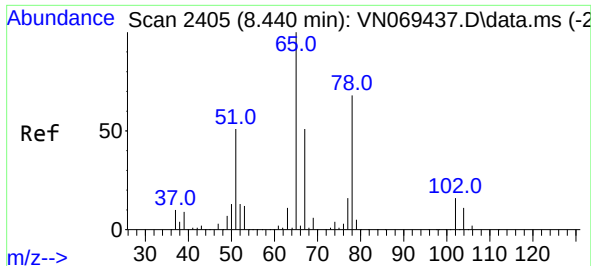
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#26
Cyclohexane
Concen: 106.969 ug/l
RT: 8.096 min Scan# 2277
Delta R.T. -0.003 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

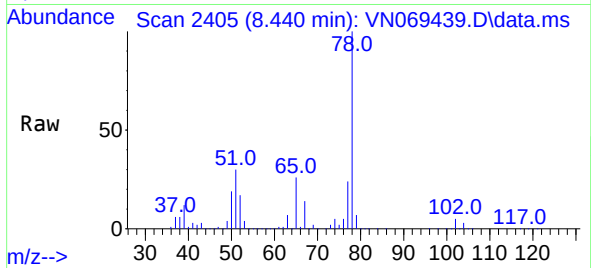
Tgt Ion: 56 Resp: 2289574
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1#
84 81.5 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 31.956 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

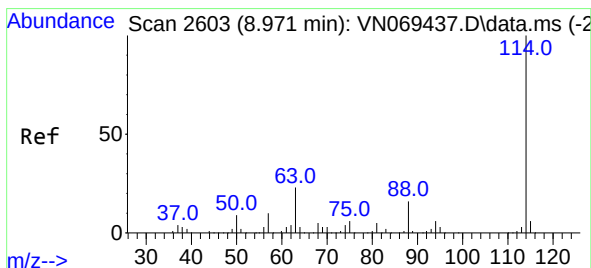
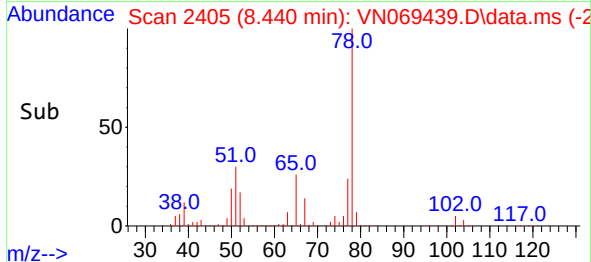
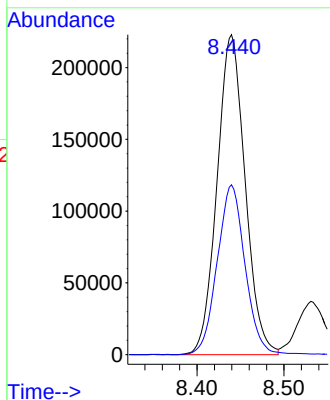
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 65 Resp: 500890
Ion Ratio Lower Upper
65 100
67 52.5 40.2 60.2

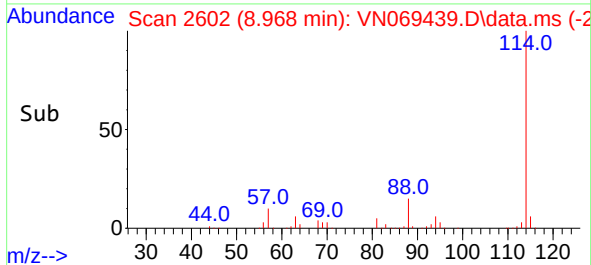
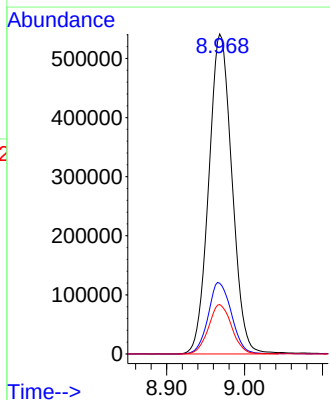
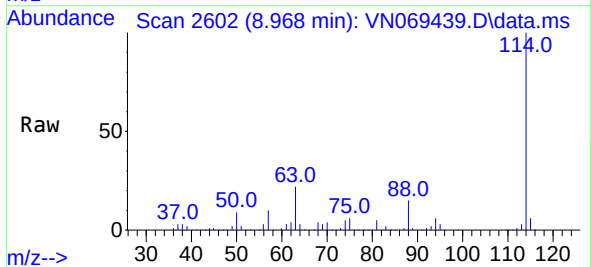
Manual Integrations
APPROVED

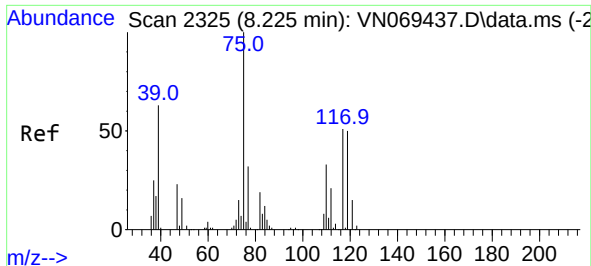
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

Tgt Ion:114 Resp: 1120146
Ion Ratio Lower Upper
114 100
63 22.5 15.8 23.6
88 15.4 11.6 17.4





#29
1,1-Dichloropropene
Concen: 101.734 ug/l
RT: 8.222 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

Instrument :

MSVOA_N

ClientSampleId :

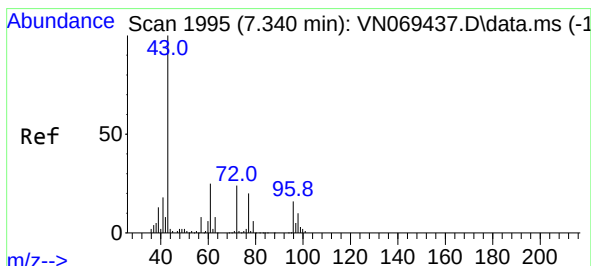
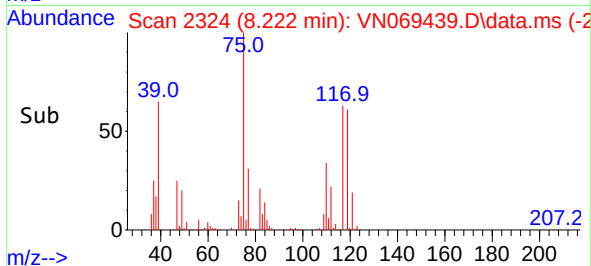
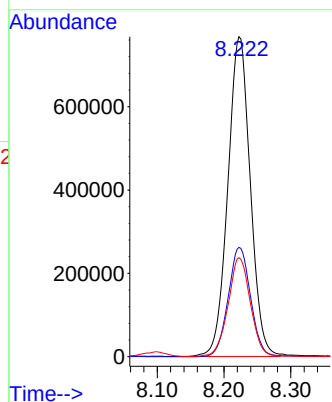
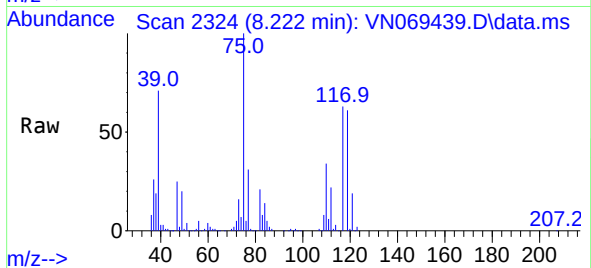
VSTDICC100

Tgt Ion: 75 Resp: 179342
Ion Ratio Lower Upper
75 100
110 34.1 0.0 74.2
77 30.6 0.0 63.2

Manual Integrations

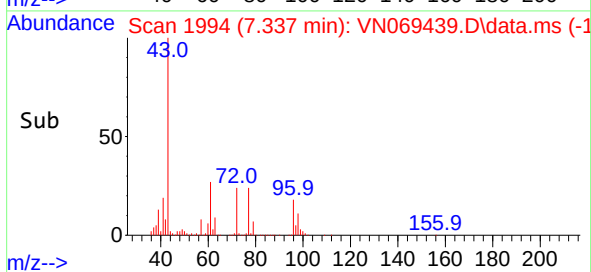
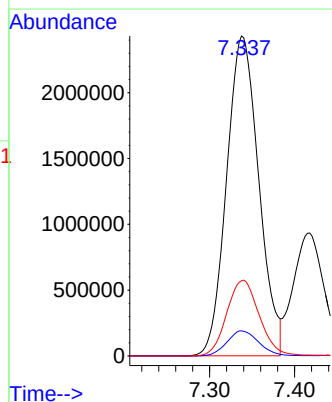
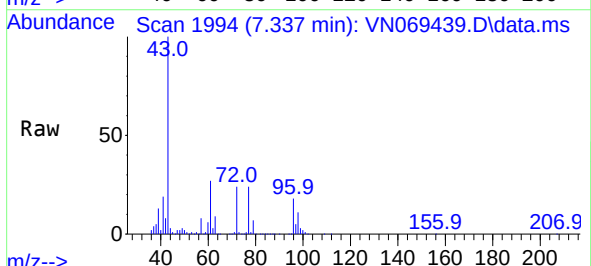
APPROVED

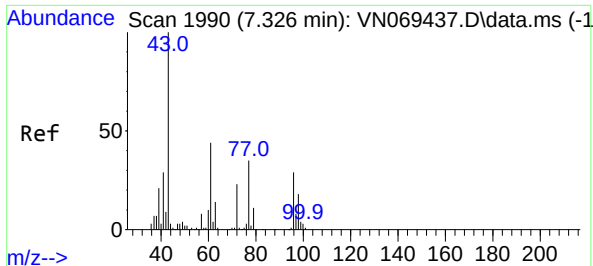
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#30
2-Butanone
Concen: 755.978 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

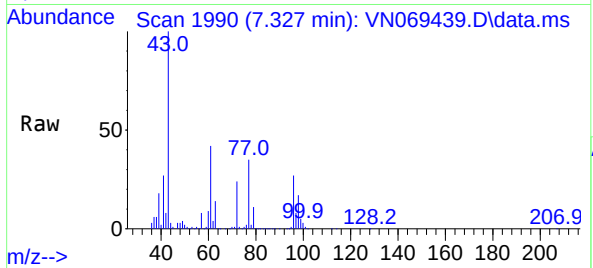
Tgt Ion: 43 Resp: 6398929
Ion Ratio Lower Upper
43 100
57 7.8 6.7 10.1
72 24.0 23.2 34.8





#31
2,2-Dichloropropane
Concen: 92.940 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.003 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

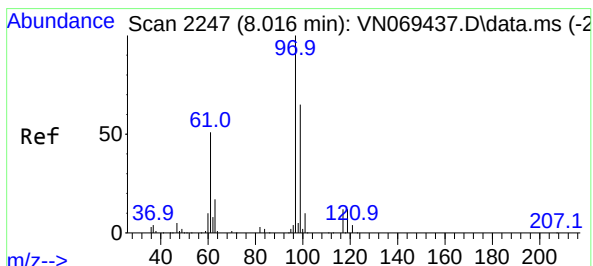
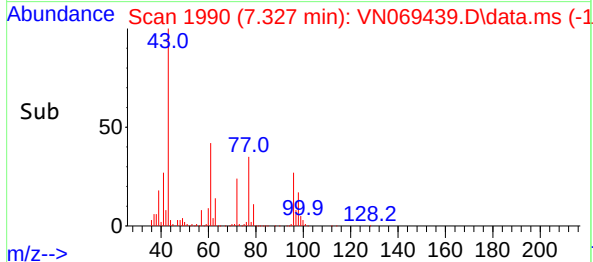
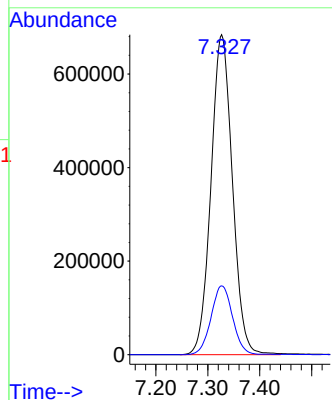
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 77 Resp: 196275
Ion Ratio Lower Upper
77 100
97 21.6 18.3 27.5

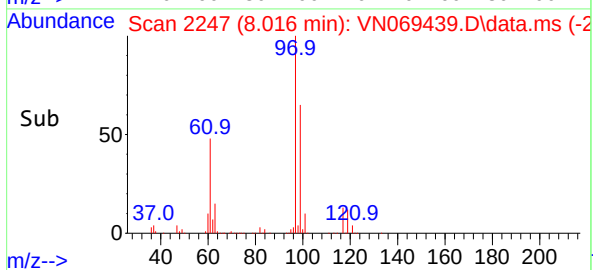
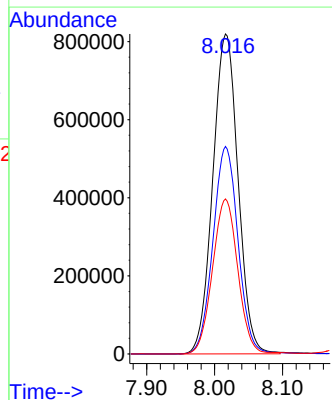
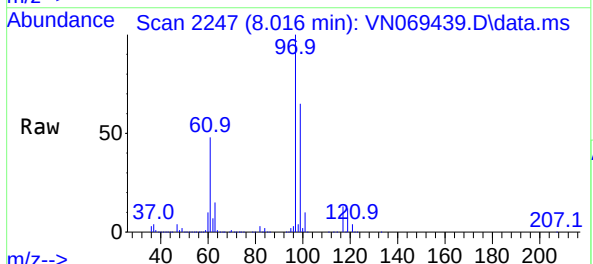
Manual Integrations
APPROVED

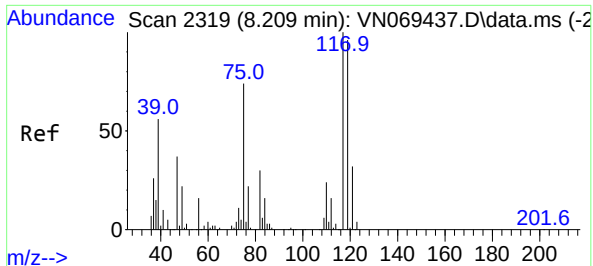
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#32
1,1,1-Trichloroethane
Concen: 96.456 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

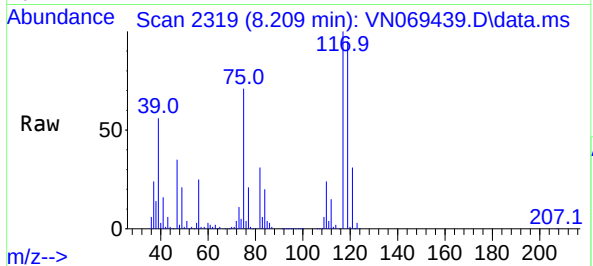
Tgt Ion: 97 Resp: 2115655
Ion Ratio Lower Upper
97 100
99 64.6 50.4 75.6
61 48.7 34.6 51.8





#33
Carbon Tetrachloride
Concen: 96.010 ug/l
RT: 8.209 min Scan# 2319
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

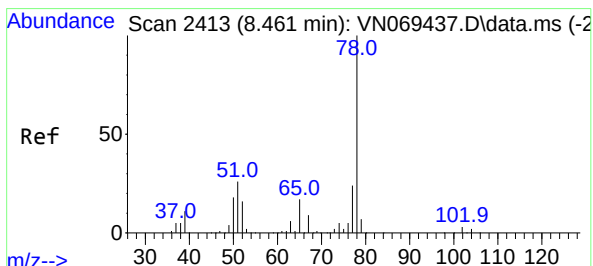
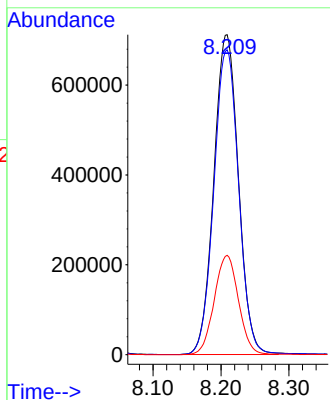
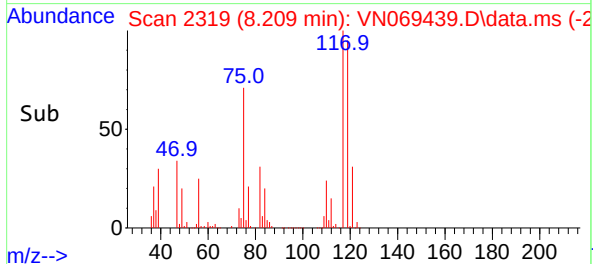
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



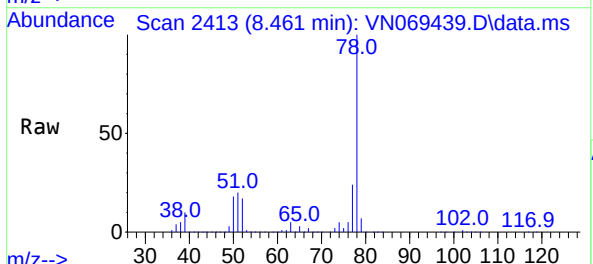
Tgt Ion: 117 Resp: 1788710
Ion Ratio Lower Upper
117 100
119 95.2 77.5 116.3
121 31.1 23.5 35.3

Manual Integrations
APPROVED

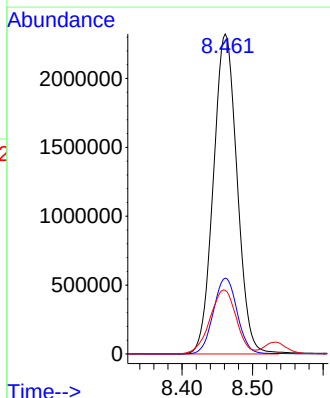
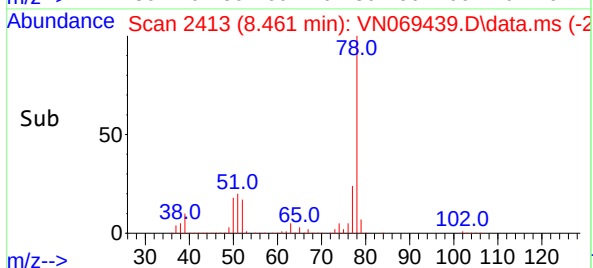
Reviewed By : John Carlone 11/11/2021
Supervised By : Semsettin Yesilyurt 11/16/2021

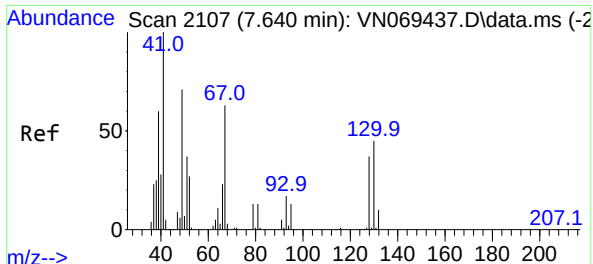


#34
Benzene
Concen: 103.092 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50



Tgt Ion: 78 Resp: 5426601
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7
51 19.9 16.0 24.0





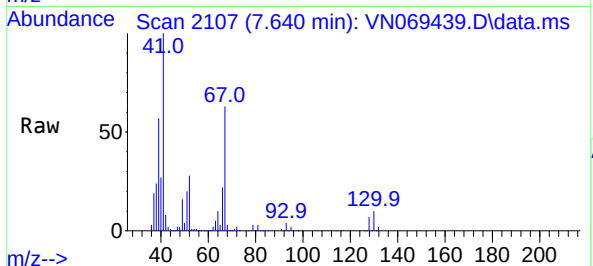
#35
Methacrylonitrile
Concen: 144.985 ug/l
RT: 7.640 min Scan# 2107
Delta R.T. 0.005 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

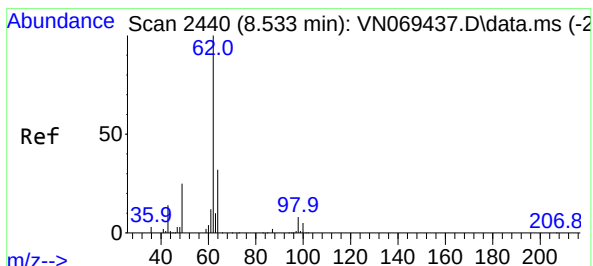
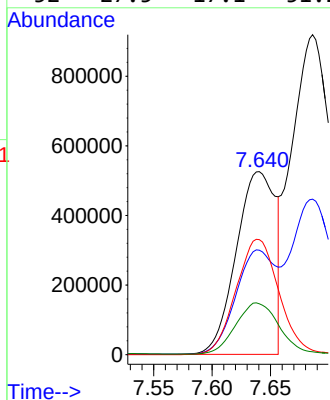
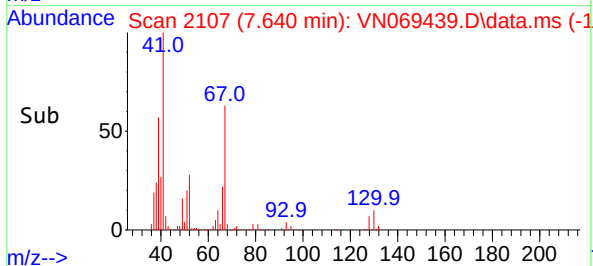


Tgt Ion: 41 Resp: 1223050
Ion Ratio Lower Upper
41 100
39 57.0 28.0 83.9
67 63.0 37.7 113.1
52 27.5 17.1 51.2

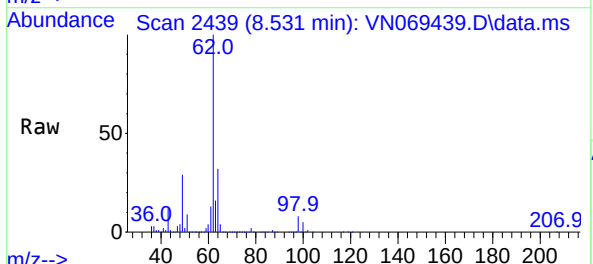
Manual Integrations

APPROVED

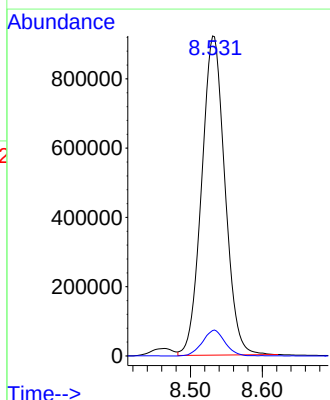
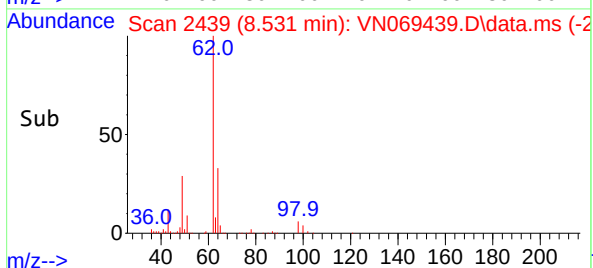
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

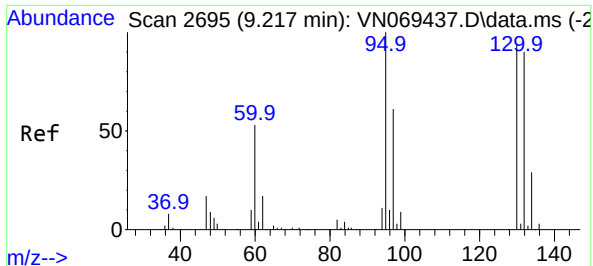


#36
1,2-Dichloroethane
Concen: 109.088 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.003 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50



Tgt Ion: 62 Resp: 2072414
Ion Ratio Lower Upper
62 100
98 7.9 6.6 10.0





#37

Trichloroethene

Concen: 99.540 ug/l

RT: 9.217 min Scan# 2695

Delta R.T. 0.000 min

Lab File: VN069439.D

Acq: 10 Nov 2021 13:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:130 Resp: 133233

Ion Ratio Lower Upper

130 100

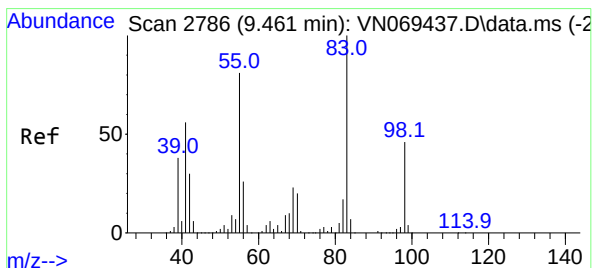
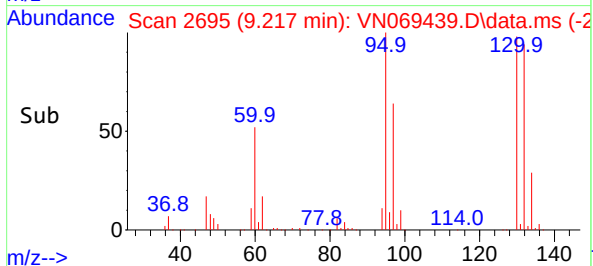
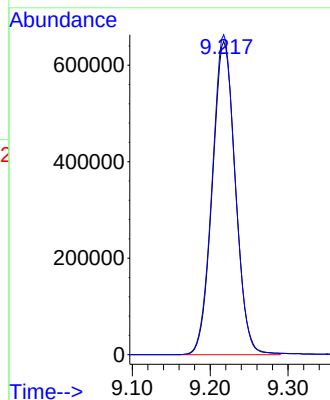
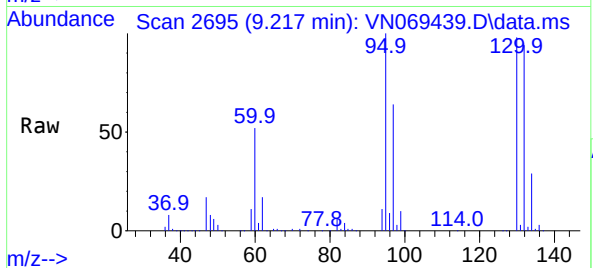
95 102.2 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/16/2021



#38

Methylcyclohexane

Concen: 100.667 ug/l

RT: 9.461 min Scan# 2786

Delta R.T. 0.000 min

Lab File: VN069439.D

Acq: 10 Nov 2021 13:50

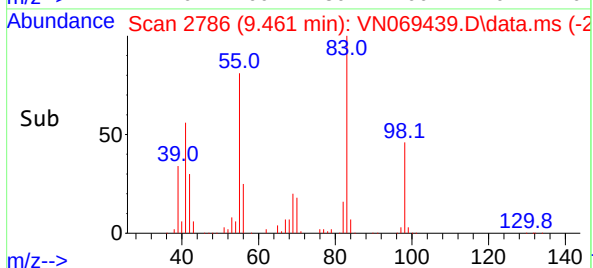
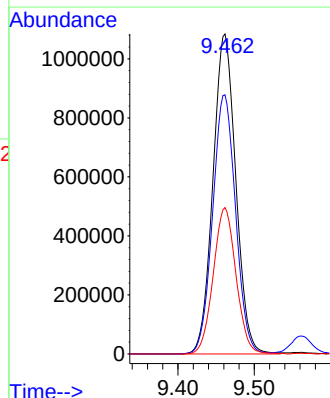
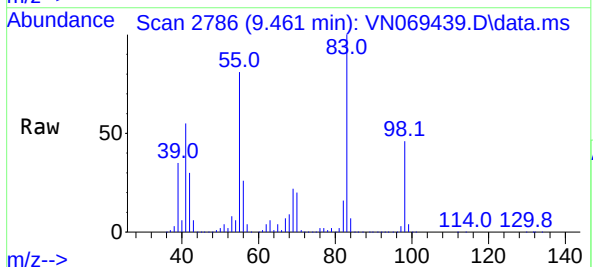
Tgt Ion: 83 Resp: 2259129

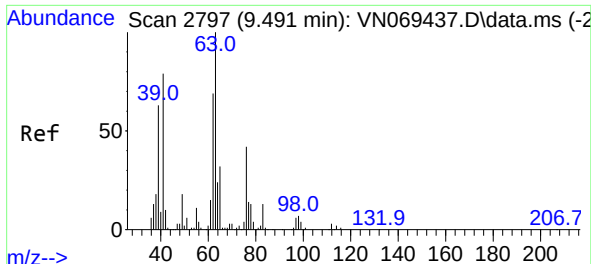
Ion Ratio Lower Upper

83 100

55 81.3 35.1 105.3

98 45.6 23.4 70.2





#39
1,2-Dichloropropane
Concen: 108.220 ug/l
RT: 9.491 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

Instrument :

MSVOA_N

ClientSampleId :

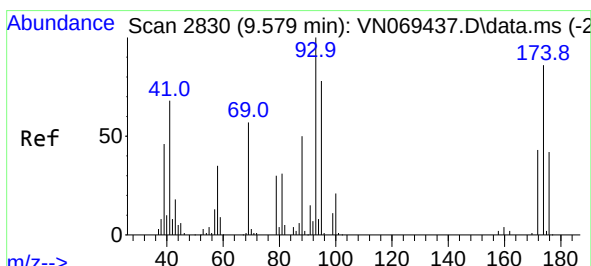
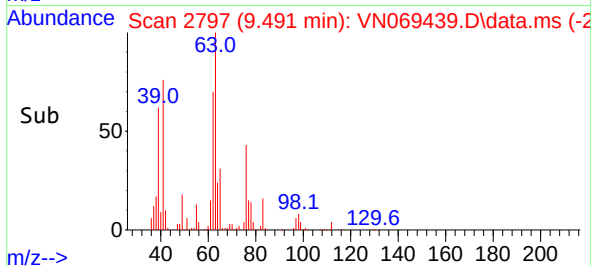
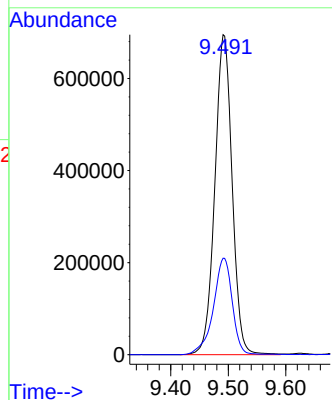
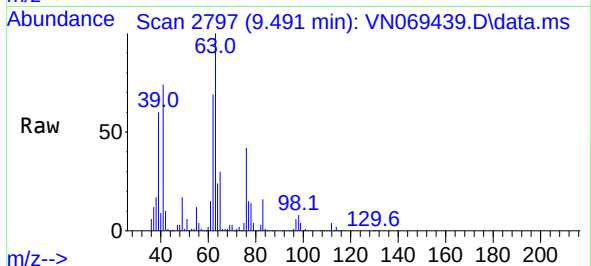
VSTDICC100

Tgt Ion: 63 Resp: 145262
Ion Ratio Lower Upper
63 100
65 30.1 24.2 36.4

Manual Integrations

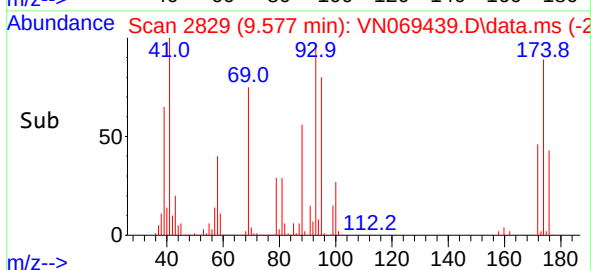
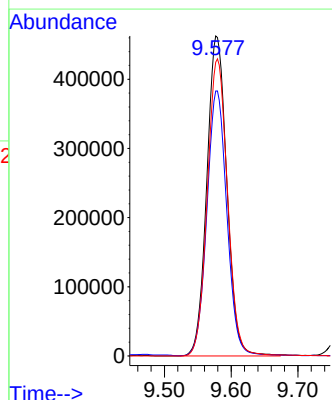
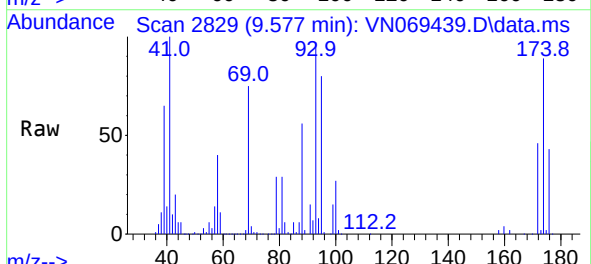
APPROVED

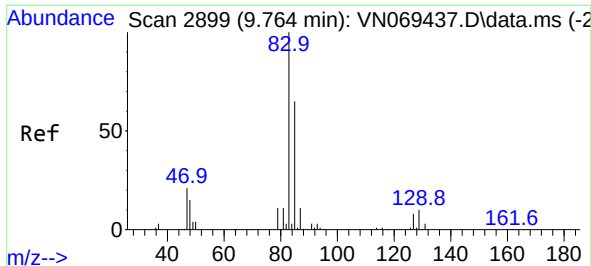
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#40
Dibromomethane
Concen: 102.892 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.003 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

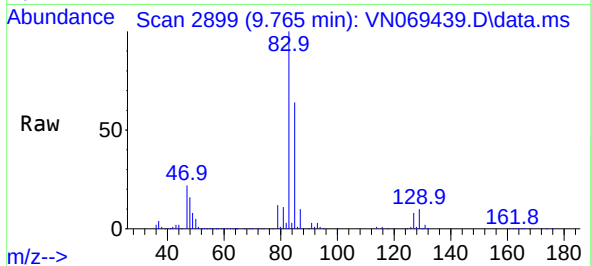
Tgt Ion: 93 Resp: 965596
Ion Ratio Lower Upper
93 100
95 82.4 0.0 168.8
174 93.8 0.0 173.6





#41
Bromodichloromethane
Concen: 101.396 ug/l
RT: 9.765 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

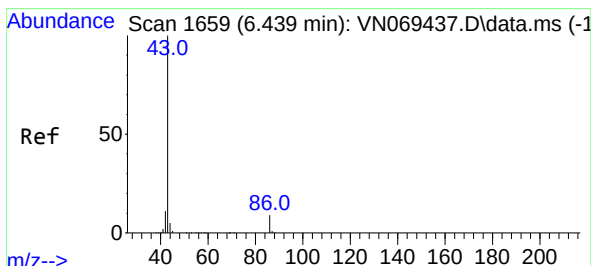
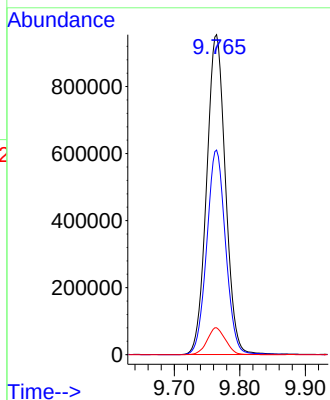
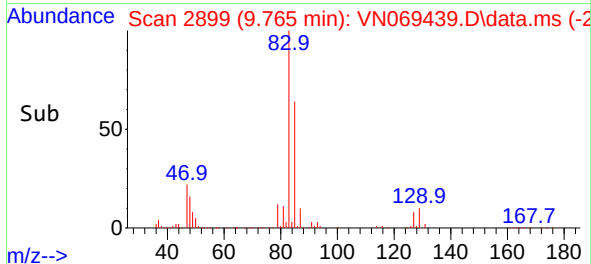
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



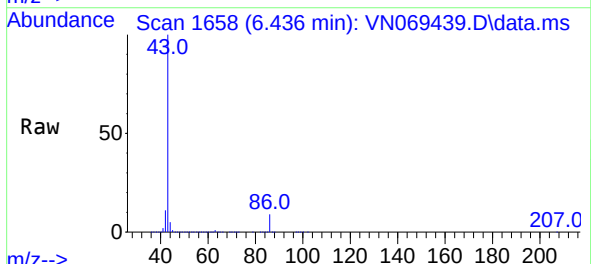
Tgt Ion: 83 Resp: 1901394
Ion Ratio Lower Upper
83 100
85 64.0 54.1 81.1
127 8.4 7.6 11.4

Manual Integrations
APPROVED

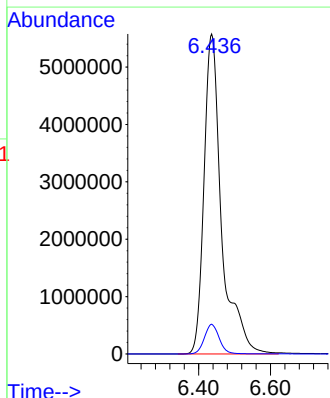
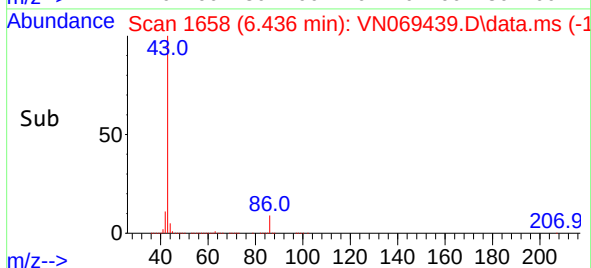
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

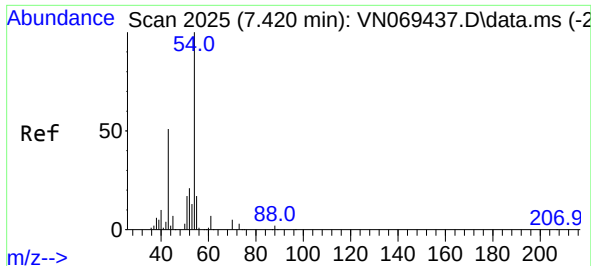


#42
Vinyl Acetate
Concen: 629.144 ug/l
RT: 6.436 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50



Tgt Ion: 43 Resp:19002077
Ion Ratio Lower Upper
43 100
86 7.8 7.5 11.3





#43

Ethyl Acetate

Concen: 144.009 ug/l

RT: 7.418 min Scan# 2024

Delta R.T. 0.005 min

Lab File: VN069439.D

Acq: 10 Nov 2021 13:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 237783

Ion Ratio Lower Upper

43 100

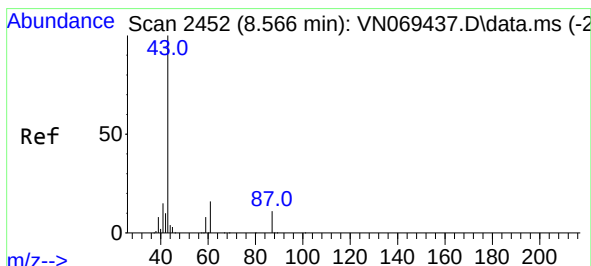
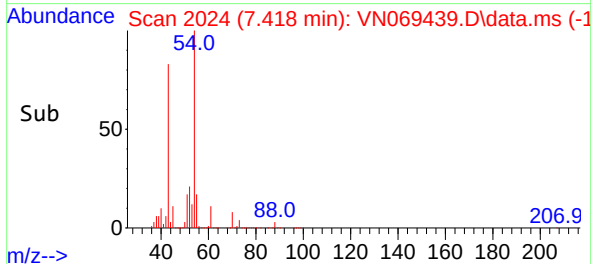
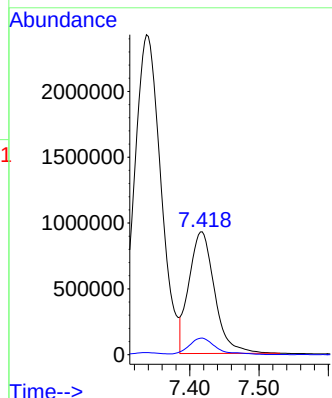
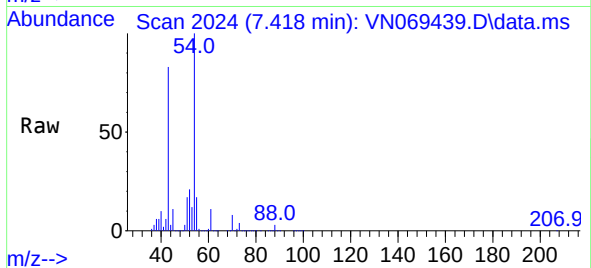
45 12.2 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Semsettin Yesilyurt 11/16/2021



#44

Isopropyl Acetate

Concen: 125.924 ug/l

RT: 8.563 min Scan# 2451

Delta R.T. 0.003 min

Lab File: VN069439.D

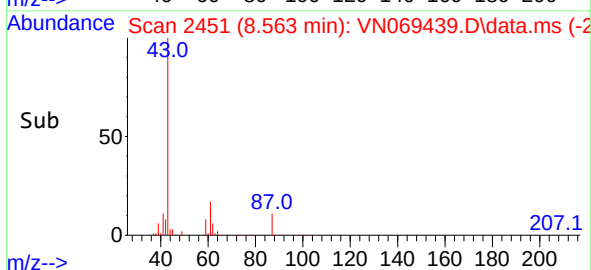
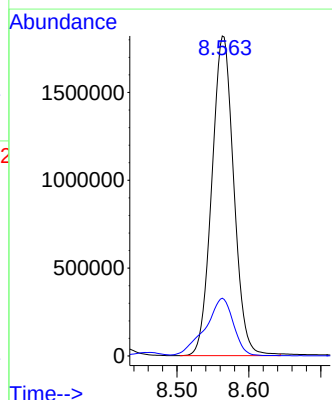
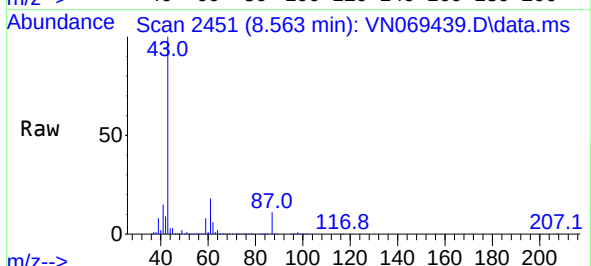
Acq: 10 Nov 2021 13:50

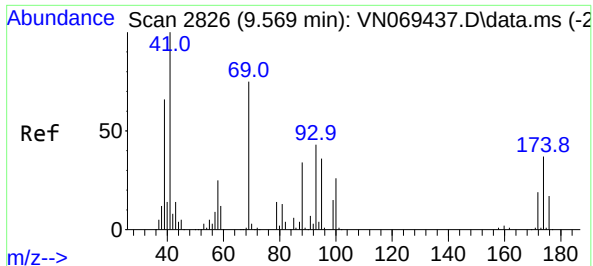
Tgt Ion: 43 Resp: 3849925

Ion Ratio Lower Upper

43 100

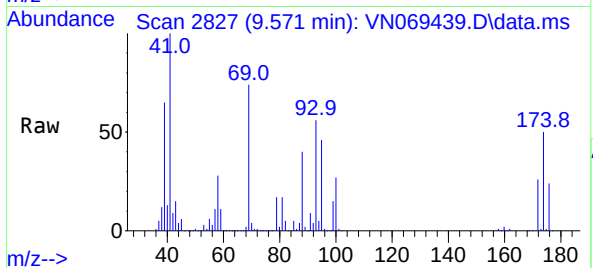
61 23.0 20.1 30.1





#45
1,4-Dioxane
Concen: 2528.692 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.003 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

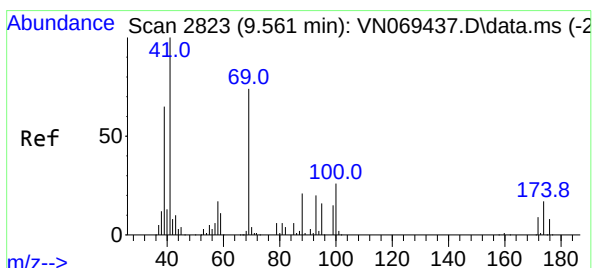
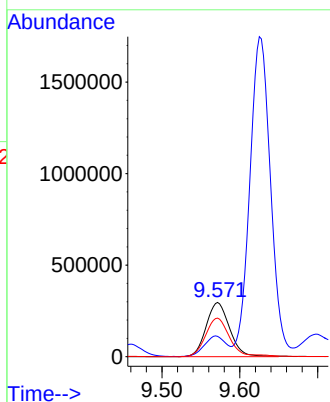
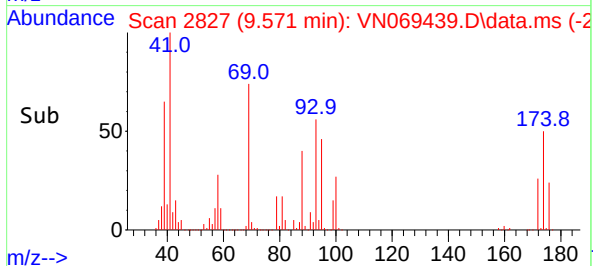
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



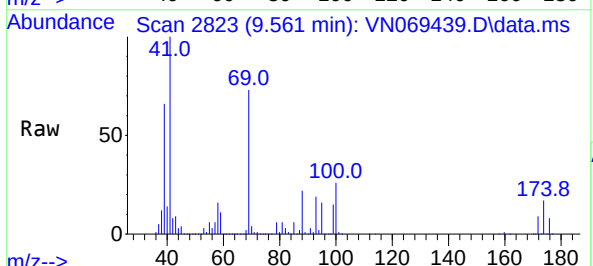
Tgt Ion: 88 Resp: 618730
Ion Ratio Lower Upper
88 100
43 34.3 25.0 37.6
58 71.6 49.4 74.2

Manual Integrations
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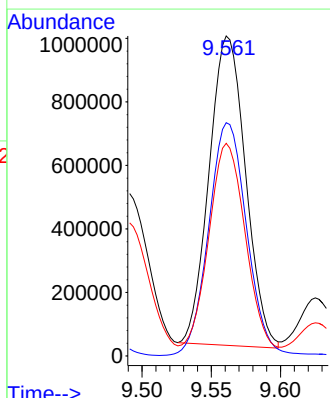
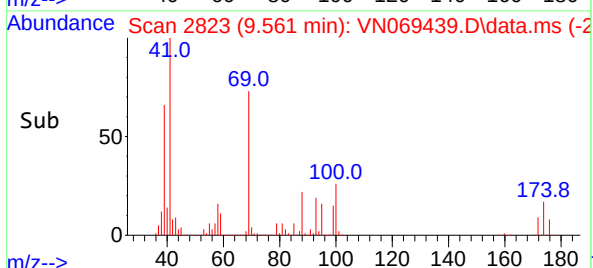
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

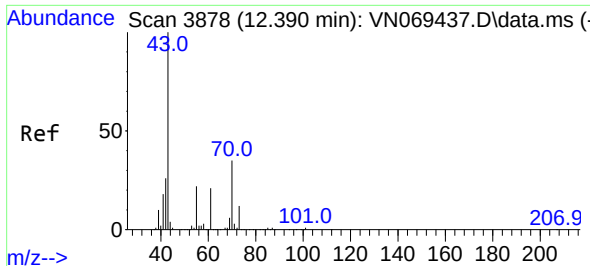


#46
Methyl methacrylate
Concen: 129.086 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50



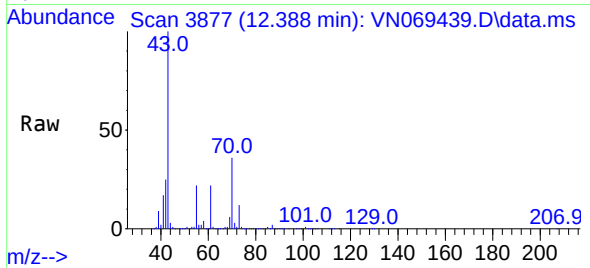
Tgt Ion: 41 Resp: 1784023
Ion Ratio Lower Upper
41 100
69 74.9 44.4 133.2
39 66.4 39.9 119.6





#47
n-amy1 Acetate
Concen: 123.273 ug/l
RT: 12.388 min Scan# 319971
Delta R.T. -0.003 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

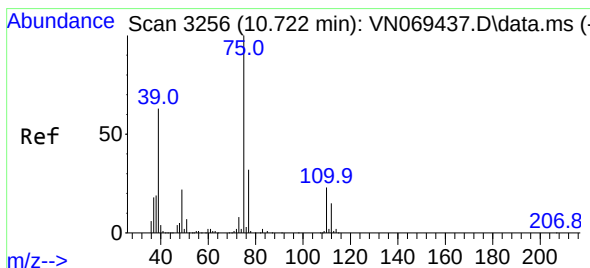
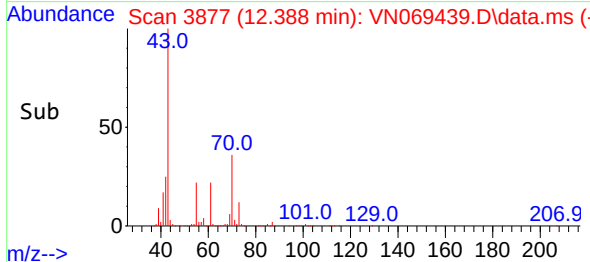
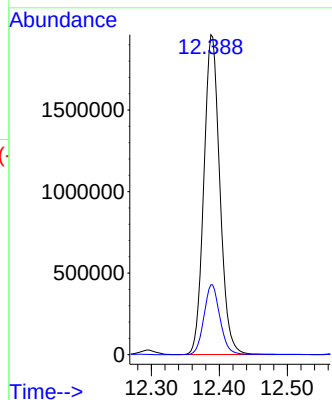
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 319971
Ion Ratio Lower Upper
43 100
55 22.0 19.0 28.6

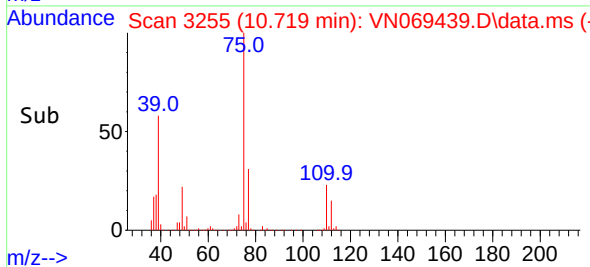
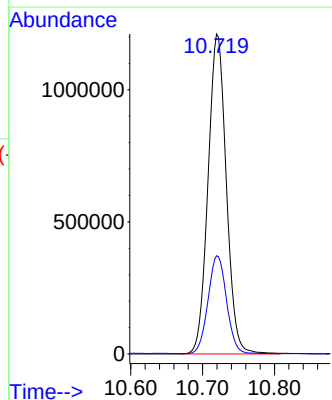
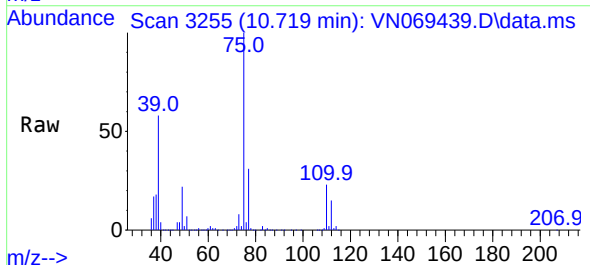
Manual Integrations
APPROVED

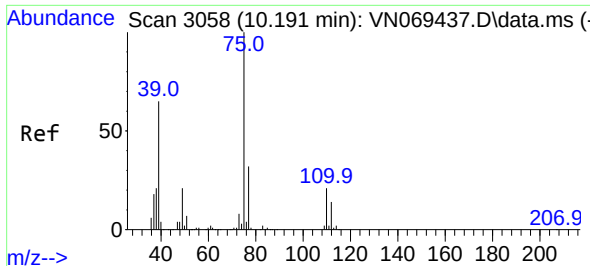
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#48
t-1,3-Dichloropropene
Concen: 98.738 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

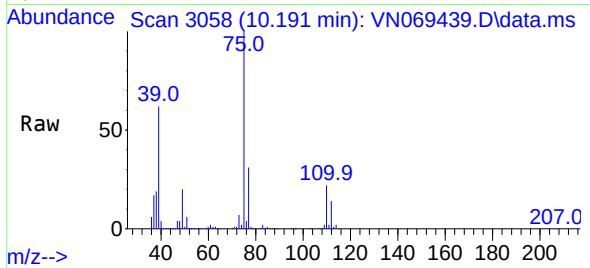
Tgt Ion: 75 Resp: 2141609
Ion Ratio Lower Upper
75 100
77 30.6 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 100.897 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

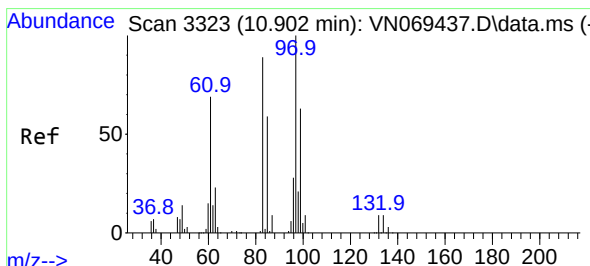
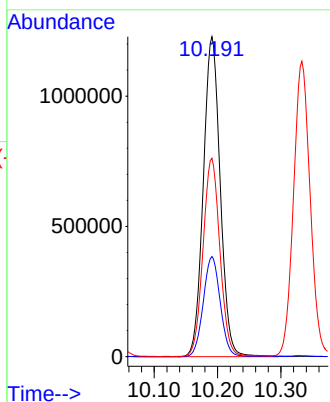
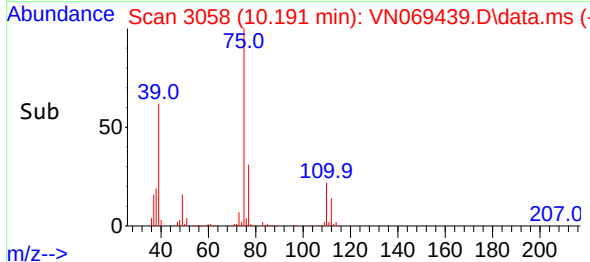
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 227889
Ion Ratio Lower Upper
75 100
77 31.3 25.3 37.9
39 61.9 46.2 69.4

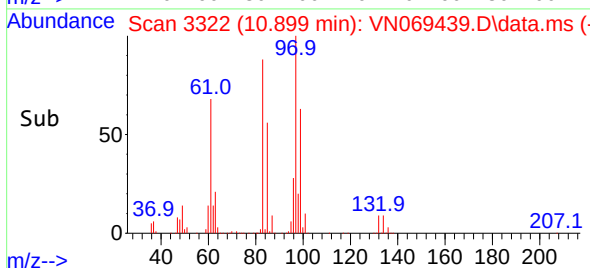
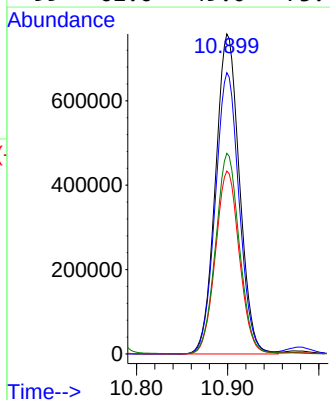
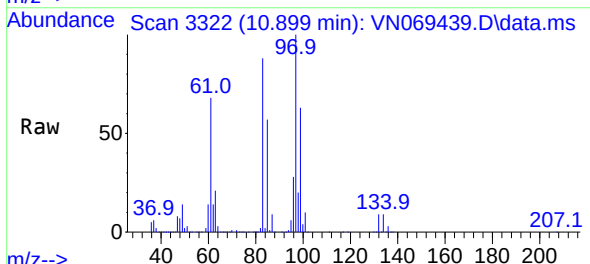
Manual Integrations
APPROVED

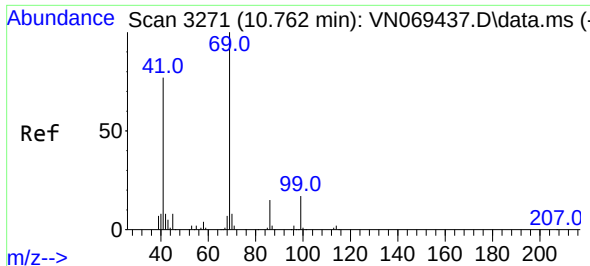
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#50
1,1,2-Trichloroethane
Concen: 102.955 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

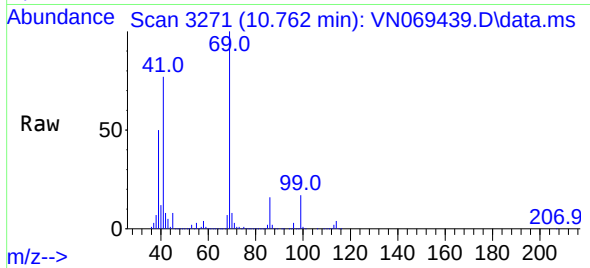
Tgt Ion: 97 Resp: 1386651
Ion Ratio Lower Upper
97 100
83 87.9 67.2 100.8
85 57.1 43.0 64.4
99 62.6 49.0 73.4





#51
Ethyl methacrylate
Concen: 109.105 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

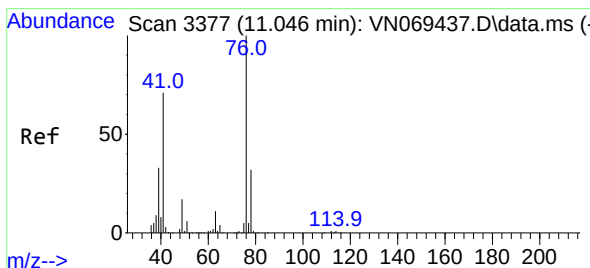
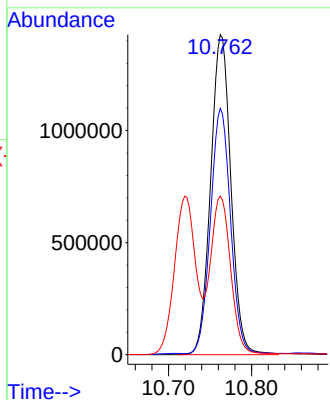
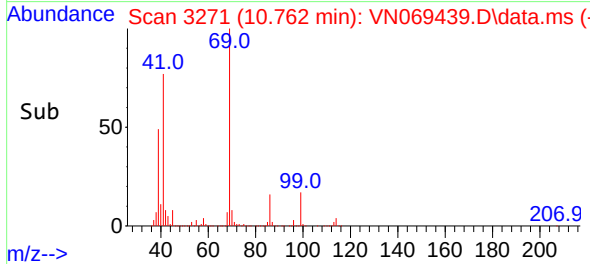
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 69 Resp: 2422368
Ion Ratio Lower Upper
69 100
41 76.6 33.0 98.9
39 49.2 25.4 76.4

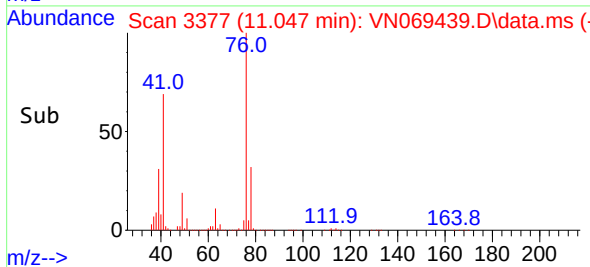
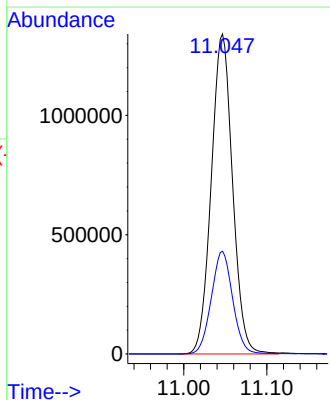
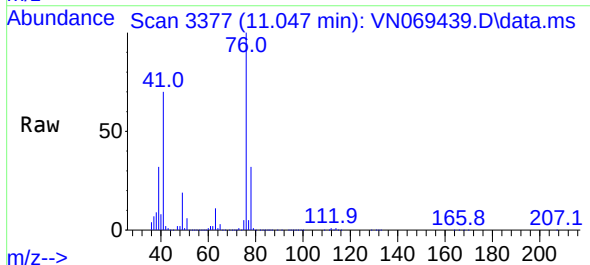
Manual Integrations
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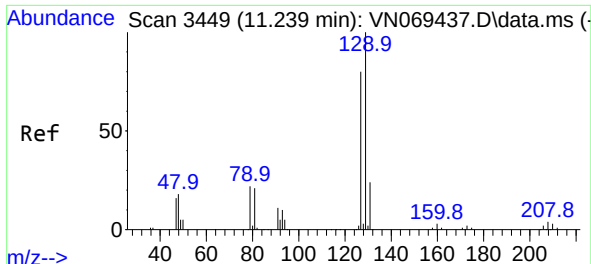
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#52
1,3-Dichloropropane
Concen: 105.272 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

Tgt Ion: 76 Resp: 2385470
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.4





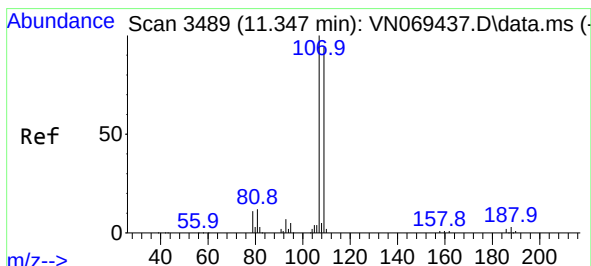
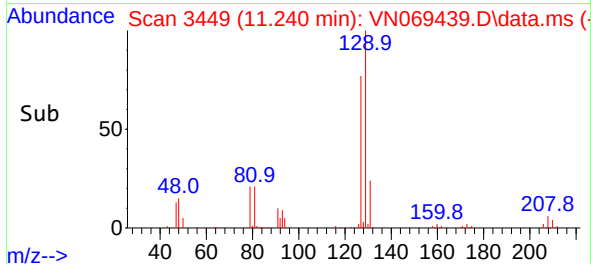
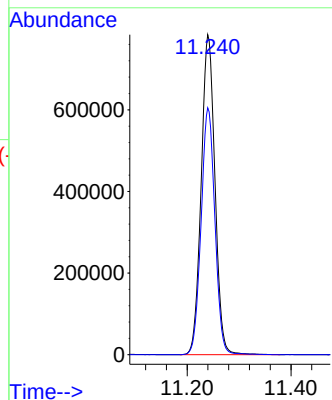
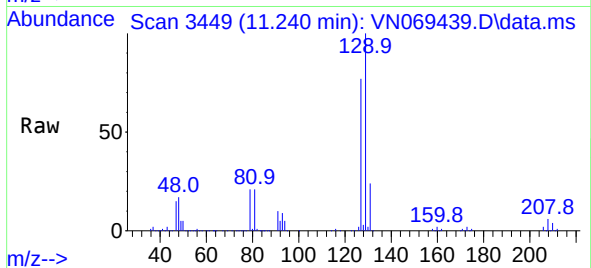
#53
Dibromochloromethane
Concen: 100.285 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:129 Resp: 1441910
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0

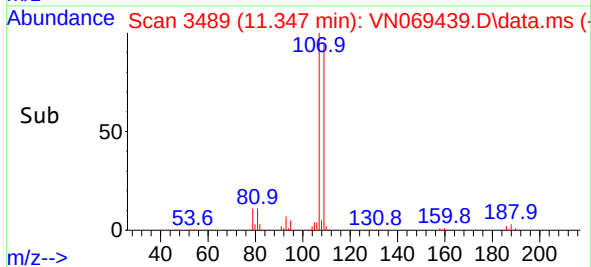
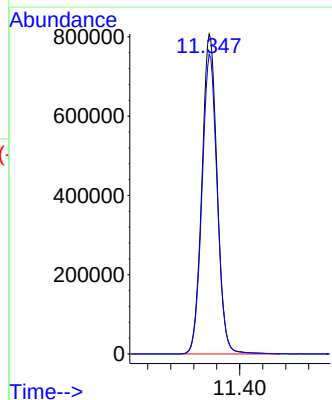
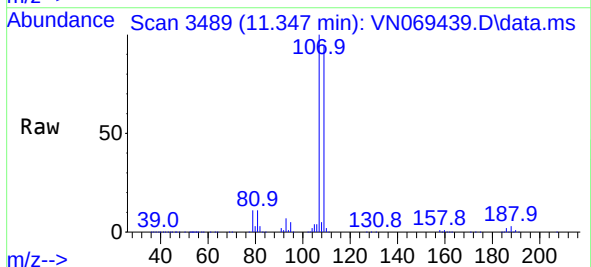
Manual Integrations
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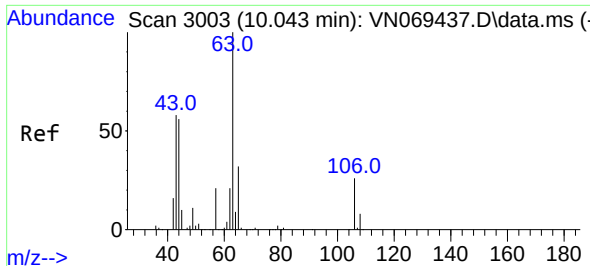
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#54
1,2-Dibromoethane
Concen: 105.212 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

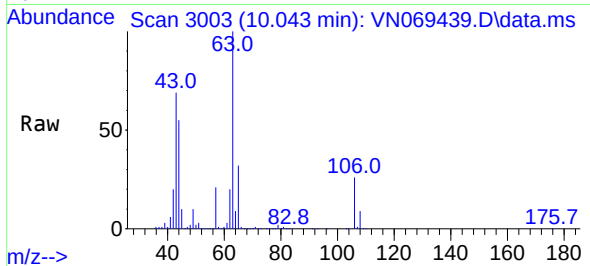
Tgt Ion:107 Resp: 1481366
Ion Ratio Lower Upper
107 100
109 93.8 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 412.792 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

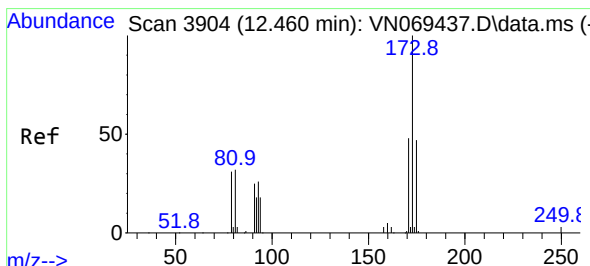
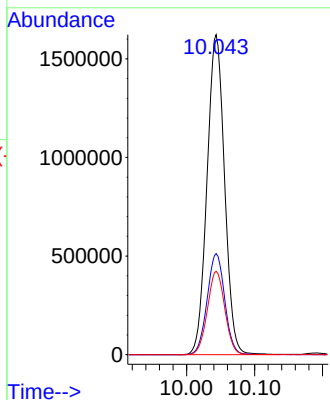
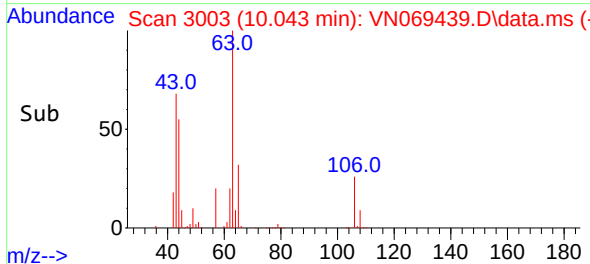
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



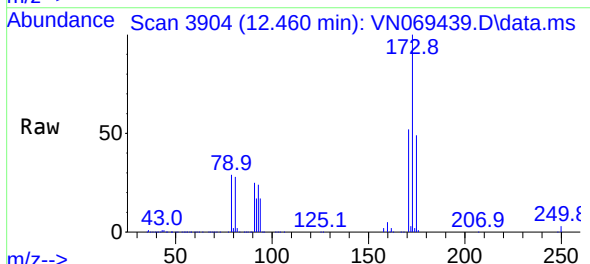
Tgt Ion: 63 Resp: 290975
Ion Ratio Lower Upper
63 100
65 31.7 25.4 38.0
106 25.9 23.2 34.8

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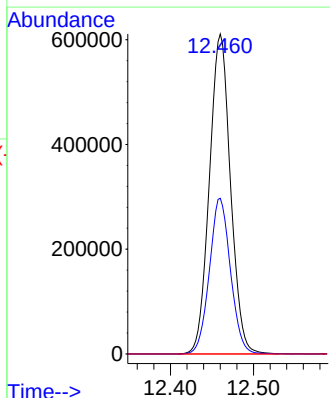
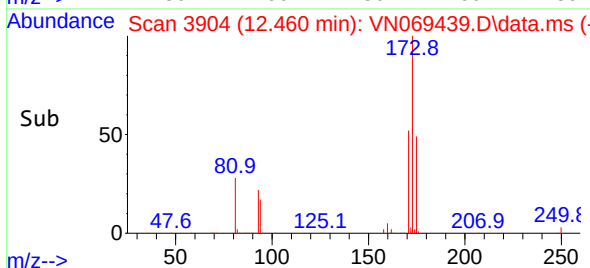
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

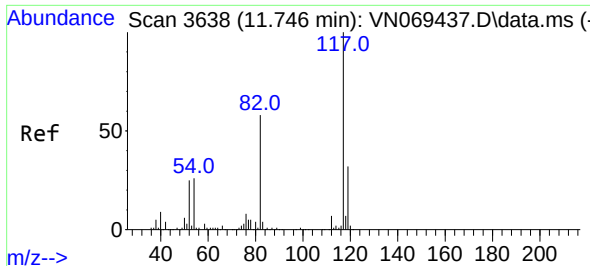


#56
Bromoform
Concen: 104.071 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50



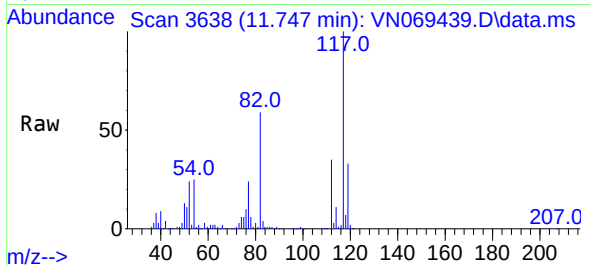
Tgt Ion:173 Resp: 1078625
Ion Ratio Lower Upper
173 100
175 48.6 38.6 58.0
254 0.0 0.0 0.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

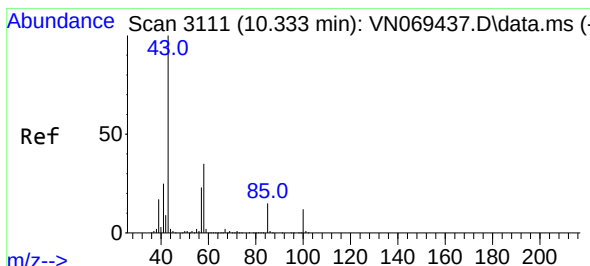
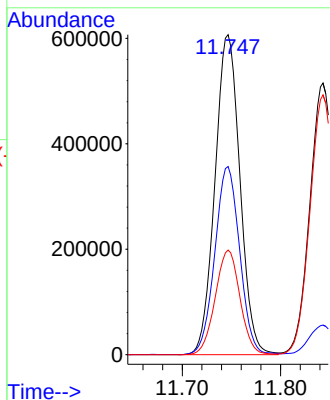
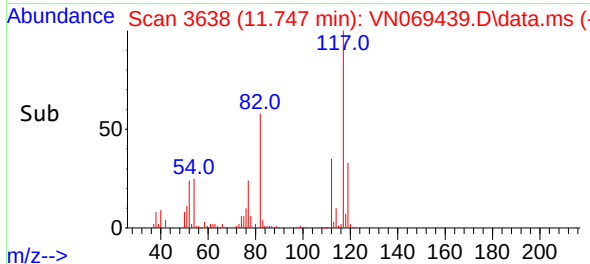
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



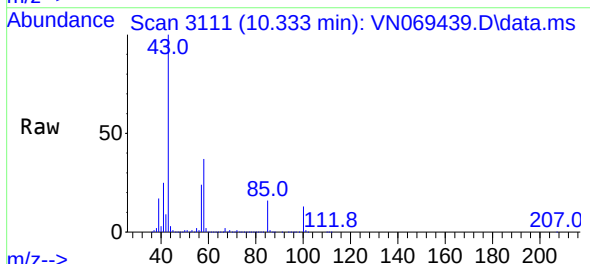
Tgt Ion: 117 Resp: 107244
Ion Ratio Lower Upper
117 100
82 58.4 43.6 65.4
119 32.4 25.8 38.6

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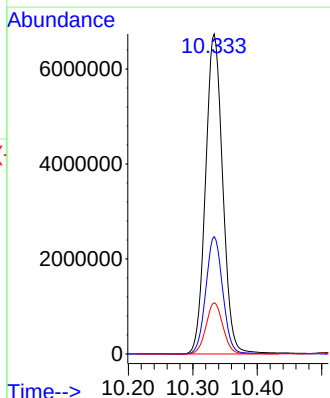
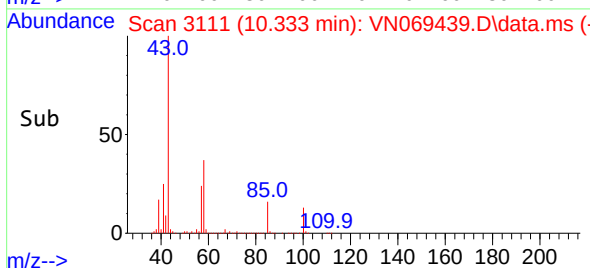
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

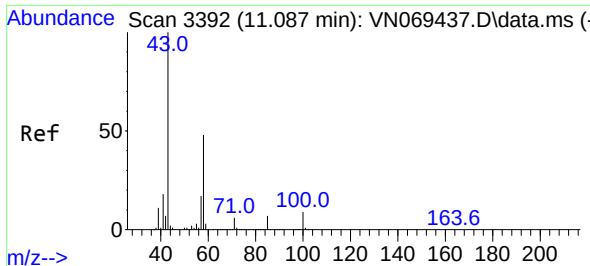


#58
4-Methyl-2-Pentanone
Concen: 690.055 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50



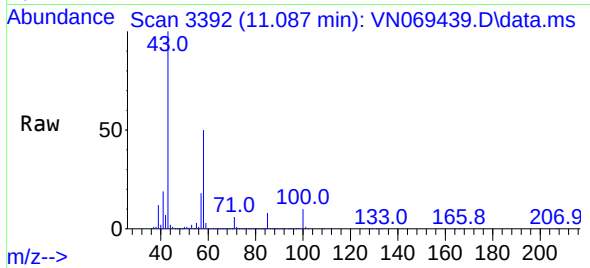
Tgt Ion: 43 Resp: 12485015
Ion Ratio Lower Upper
43 100
58 36.2 30.0 45.0
85 15.8 15.0 22.6





#59
2-Hexanone
Concen: 692.821 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

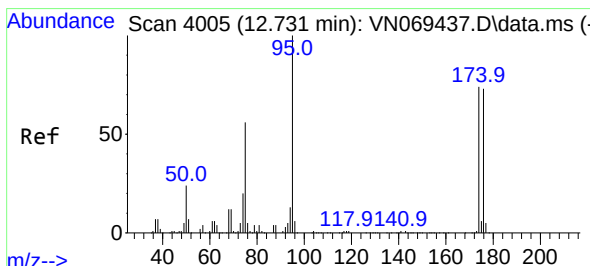
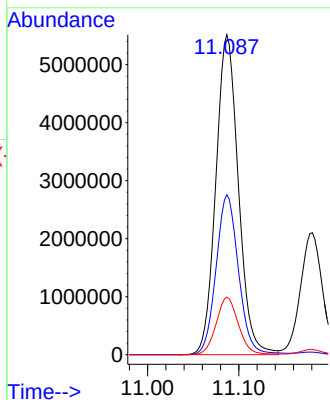
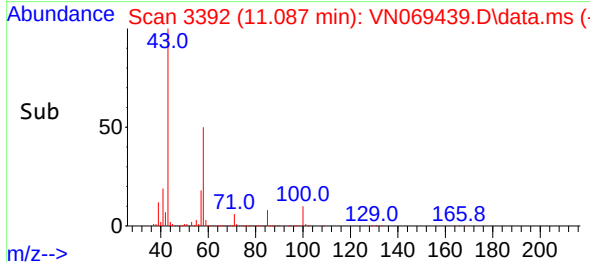
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



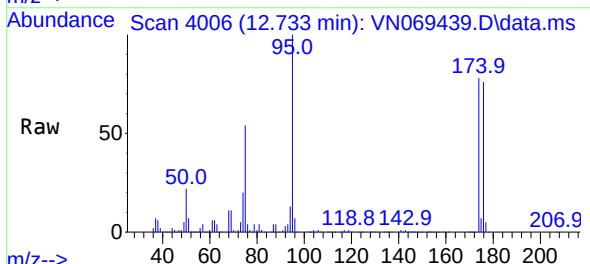
Tgt Ion: 43 Resp: 946610
Ion Ratio Lower Upper
43 100
58 49.8 42.2 63.2
57 17.8 15.0 22.4

Manual Integrations
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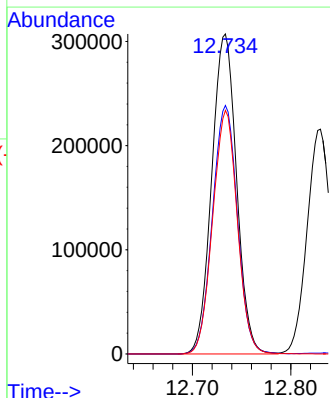
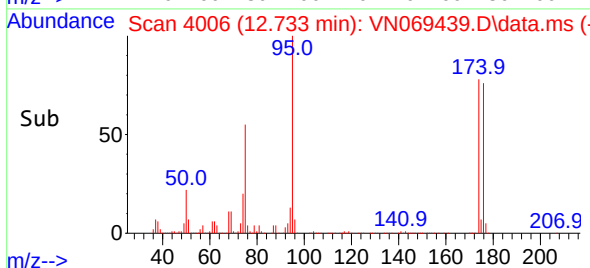
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

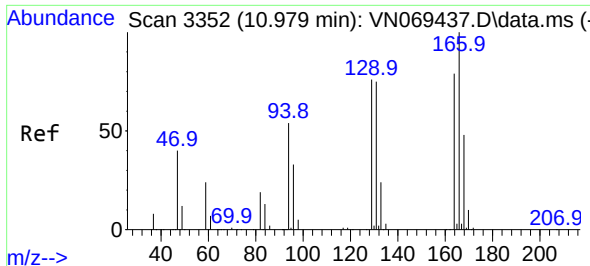


#60
4-Bromofluorobenzene
Concen: 29.279 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50



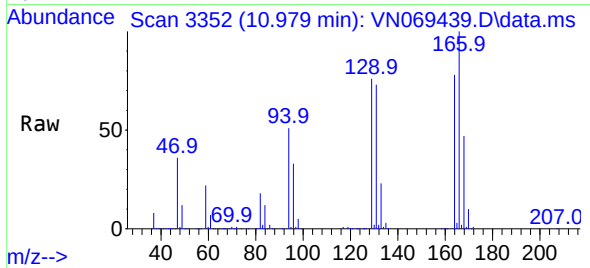
Tgt Ion: 95 Resp: 538418
Ion Ratio Lower Upper
95 100
174 78.2 62.9 94.3
176 75.5 61.0 91.4





#61
Tetrachloroethene
Concen: 101.031 ug/l
RT: 10.979 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

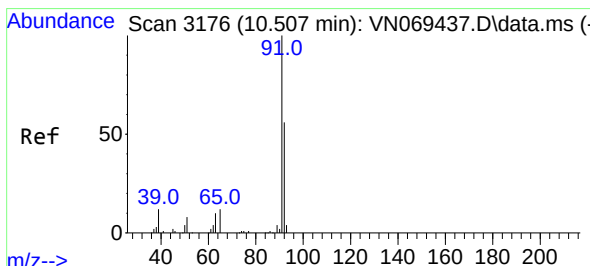
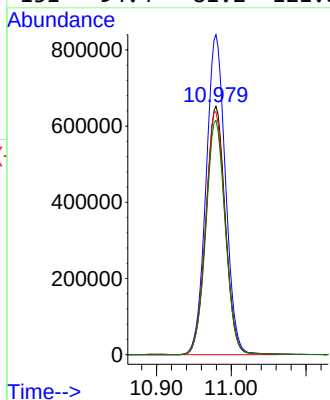
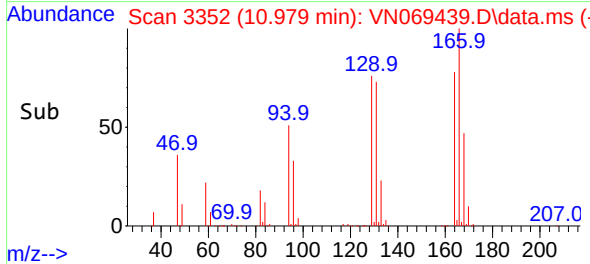
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



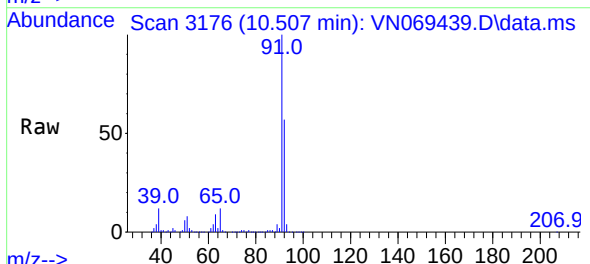
Tgt Ion:164 Resp: 1177579
Ion Ratio Lower Upper
164 100
166 128.9 105.8 158.8
129 97.9 82.5 123.7
131 94.4 81.2 121.8

Manual Integrations
APPROVED

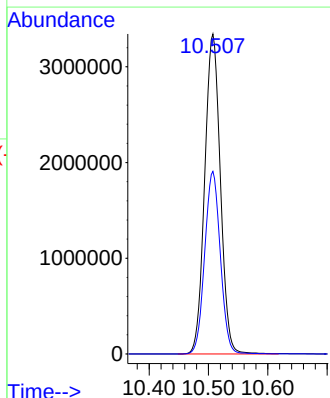
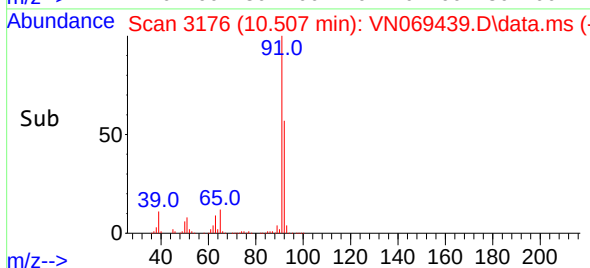
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

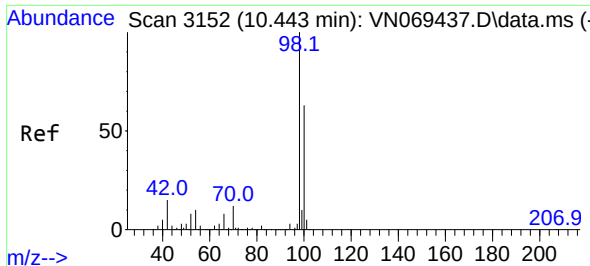


#62
Toluene
Concen: 97.961 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50



Tgt Ion: 91 Resp: 6119267
Ion Ratio Lower Upper
91 100
92 56.8 44.6 67.0





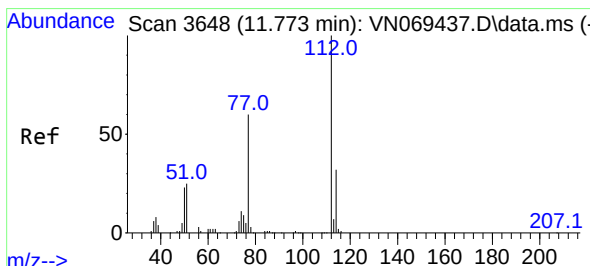
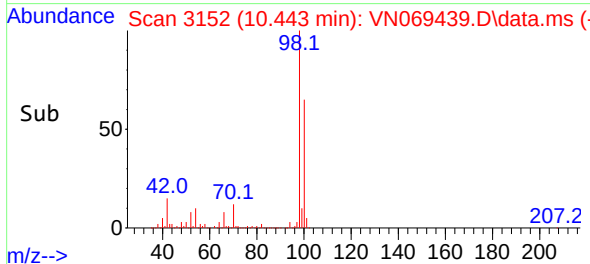
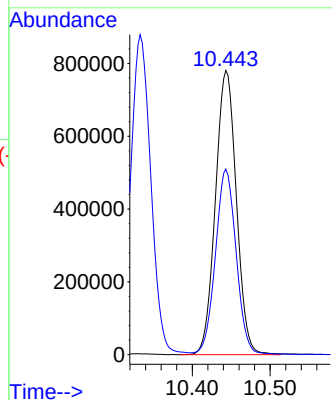
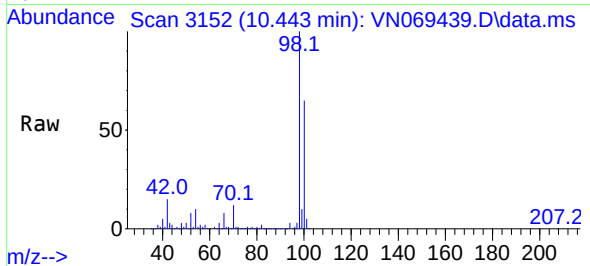
#63
Toluene-d8
Concen: 30.066 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 98 Resp: 1456818
Ion Ratio Lower Upper
98 100
100 64.0 50.6 76.0

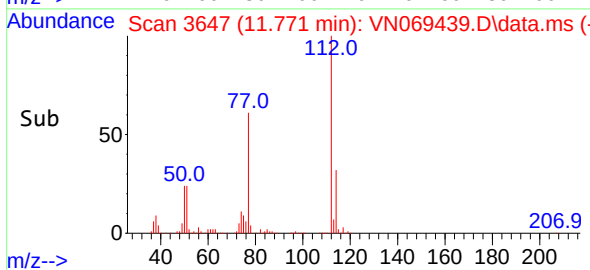
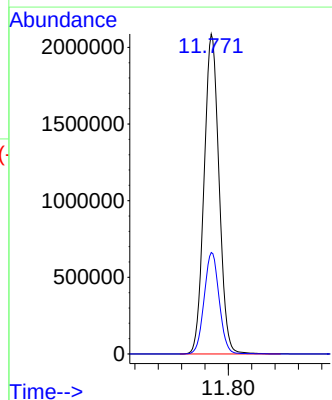
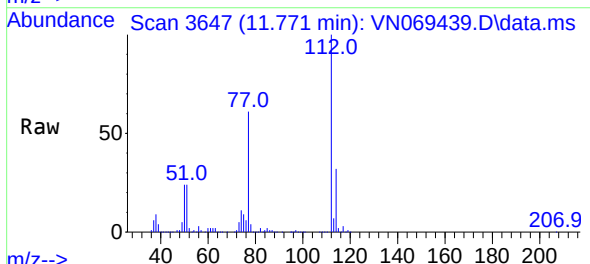
Manual Integrations
APPROVED

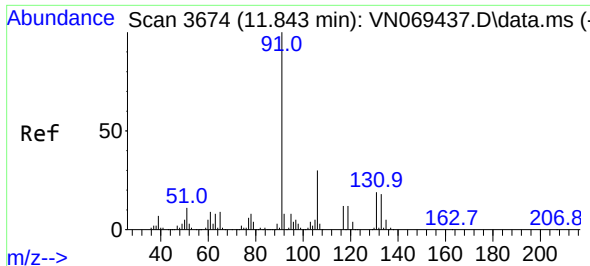
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#64
Chlorobenzene
Concen: 97.999 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.003 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

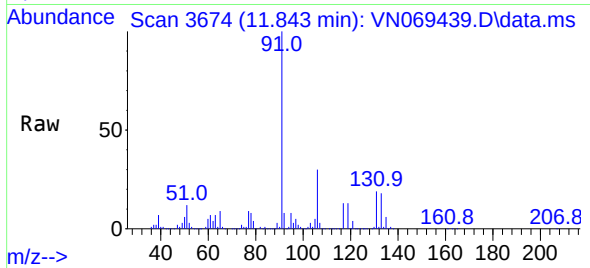
Tgt Ion:112 Resp: 3712712
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 96.443 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

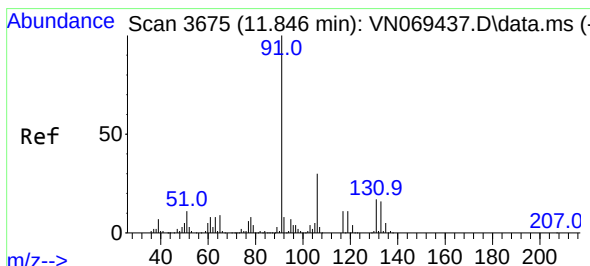
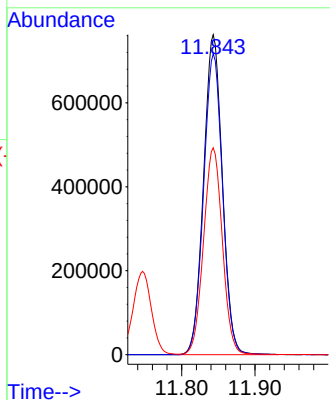
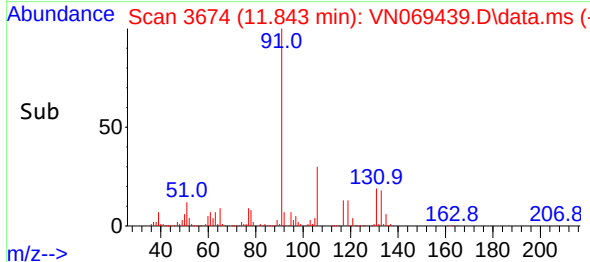
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



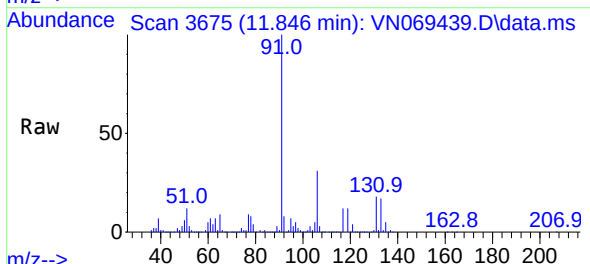
Tgt Ion:131 Resp: 135934
Ion Ratio Lower Upper
131 100
133 94.8 0.0 191.2
119 64.4 0.0 128.8

Manual Integrations
APPROVED

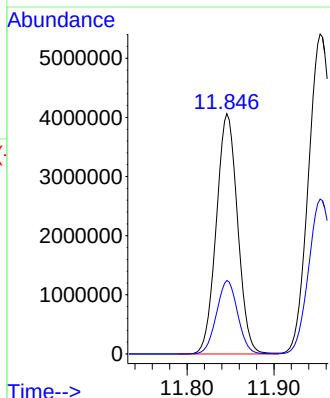
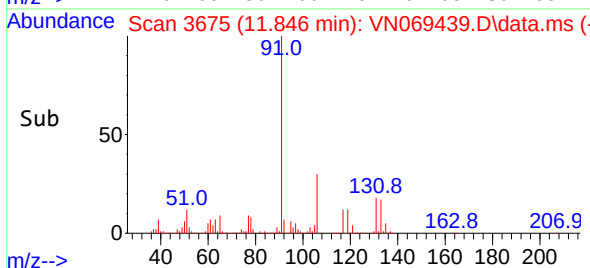
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

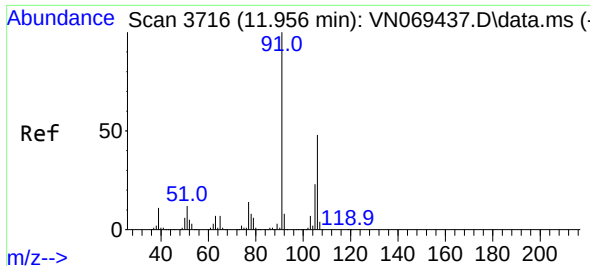


#66
Ethyl Benzene
Concen: 98.300 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50



Tgt Ion: 91 Resp: 6903574
Ion Ratio Lower Upper
91 100
106 30.5 24.0 36.0





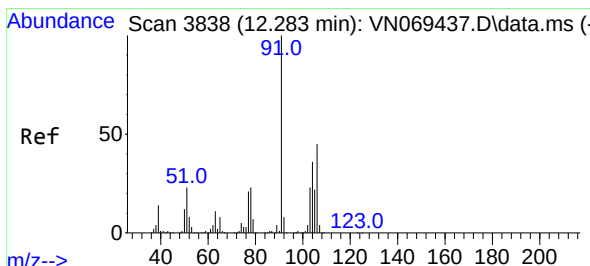
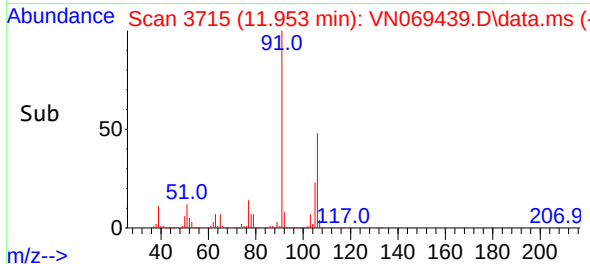
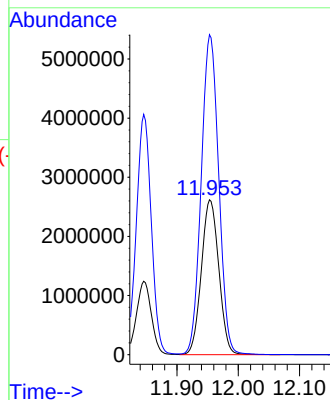
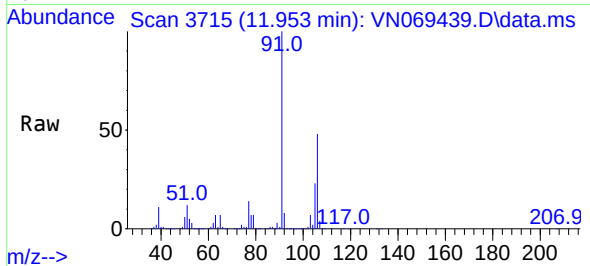
#67
m/p-Xylenes
Concen: 196.226 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 518241
Ion Ratio Lower Upper
106 100
91 206.9 162.9 244.3

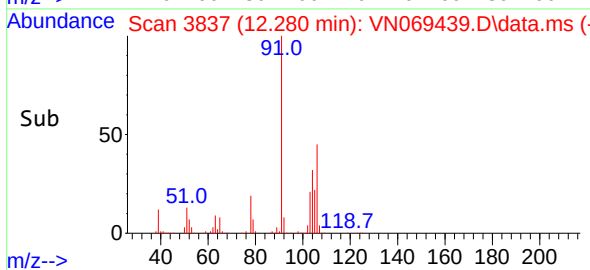
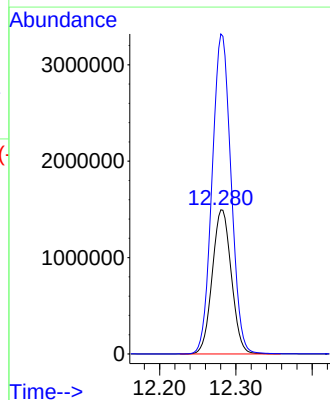
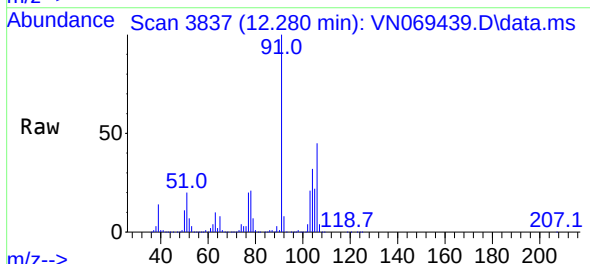
Manual Integrations
APPROVED

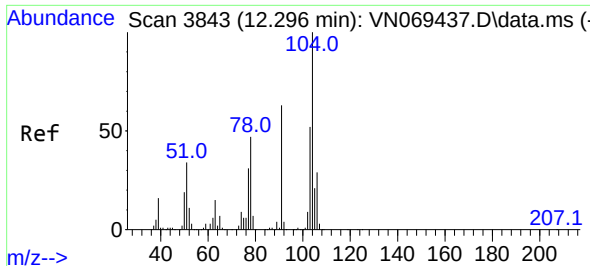
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#68
o-Xylene
Concen: 98.336 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

Tgt Ion:106 Resp: 2600504
Ion Ratio Lower Upper
106 100
91 220.5 107.7 323.1





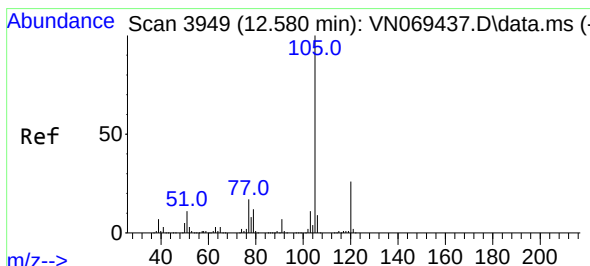
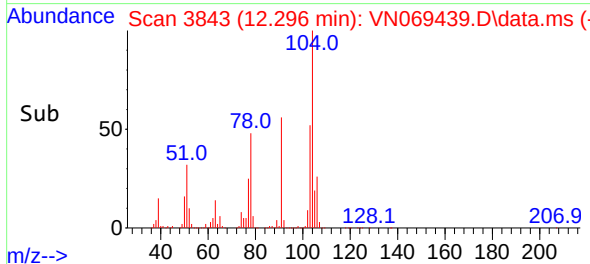
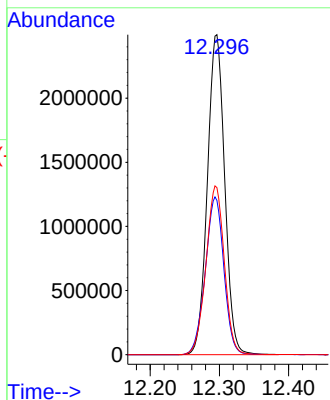
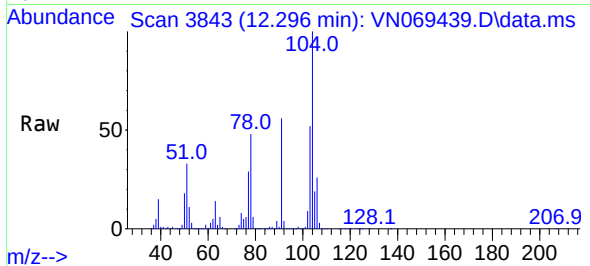
#69
Styrene
Concen: 98.977 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:104 Resp: 433750
Ion Ratio Lower Upper
104 100
78 52.9 40.7 61.1
103 56.0 45.8 68.8

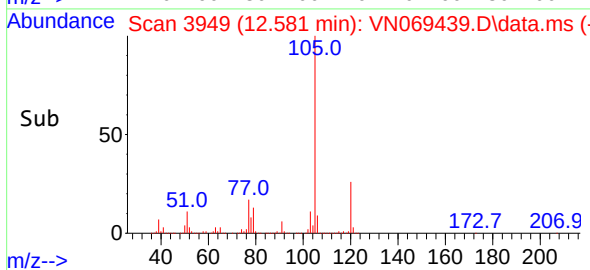
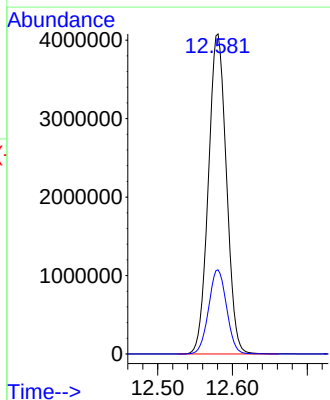
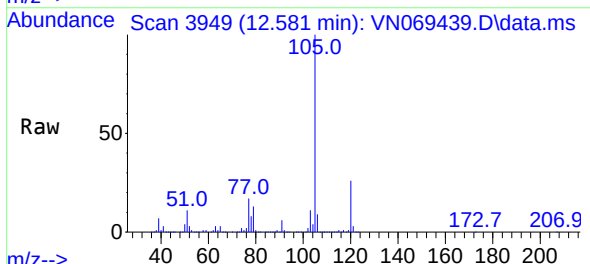
Manual Integrations
APPROVED

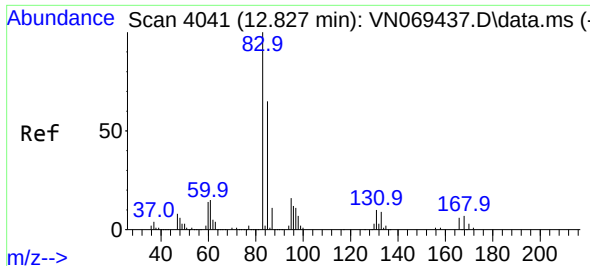
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#70
Isopropylbenzene
Concen: 98.590 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

Tgt Ion:105 Resp: 6835262
Ion Ratio Lower Upper
105 100
120 26.2 18.3 34.1





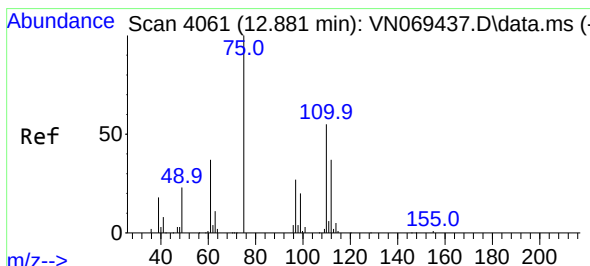
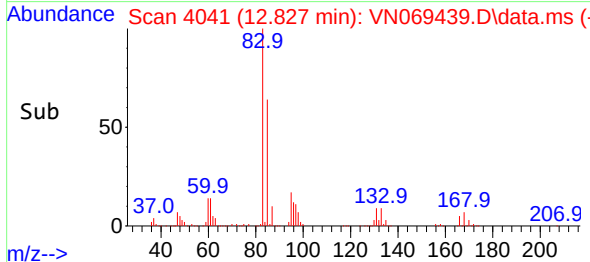
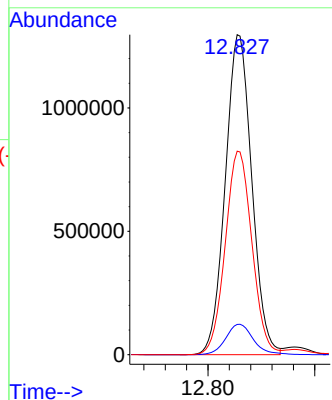
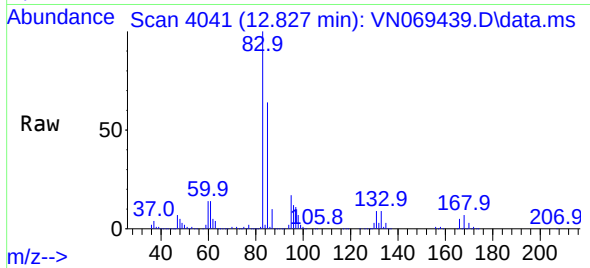
#71
1,1,2-Tetrachloroethane
Concen: 110.070 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 223666
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.3
85 64.0 33.1 99.2

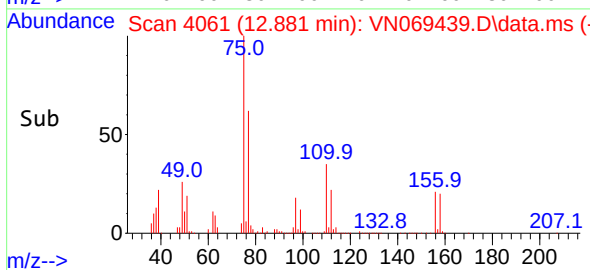
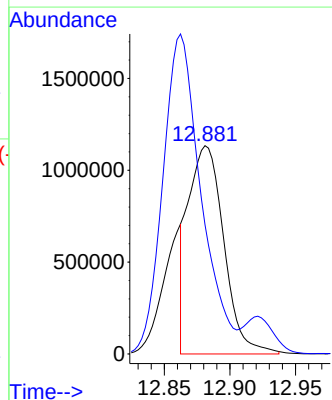
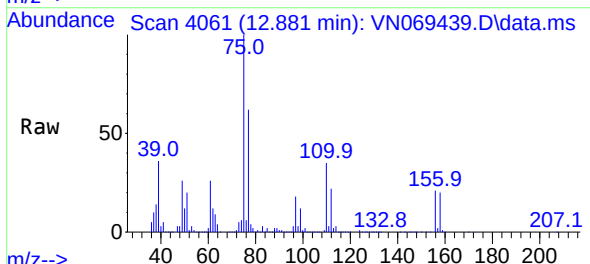
Manual Integrations
APPROVED

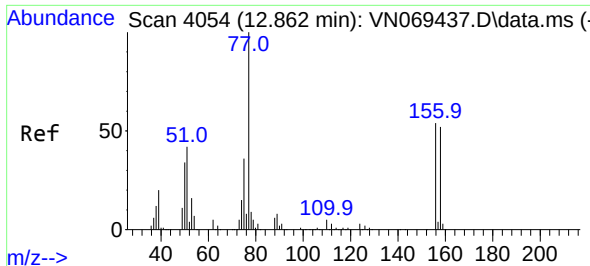
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#72
1,2,3-Trichloropropane
Concen: 122.716 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

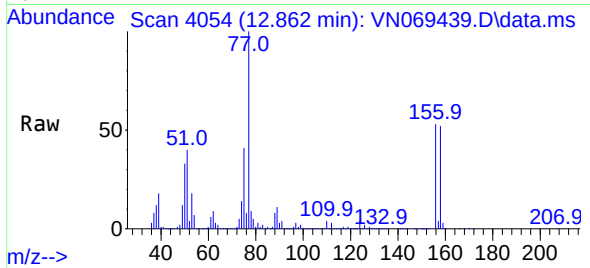
Tgt Ion: 75 Resp: 2142692
Ion Ratio Lower Upper
75 100
77 164.4 0.0 378.0





#73
Bromobenzene
Concen: 101.305 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

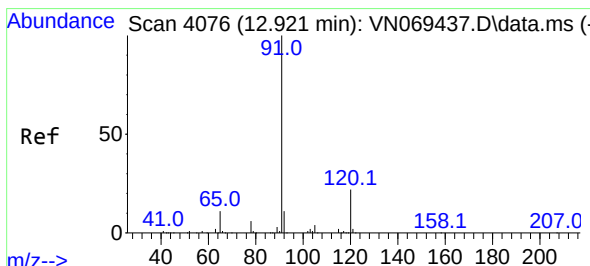
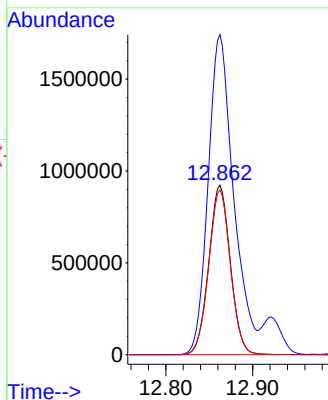
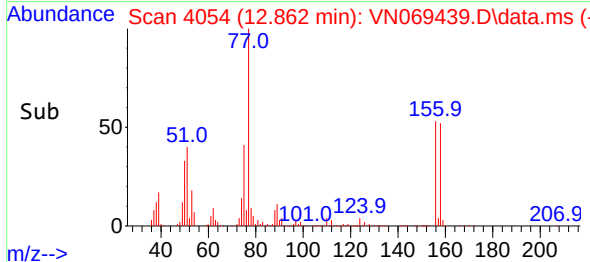
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



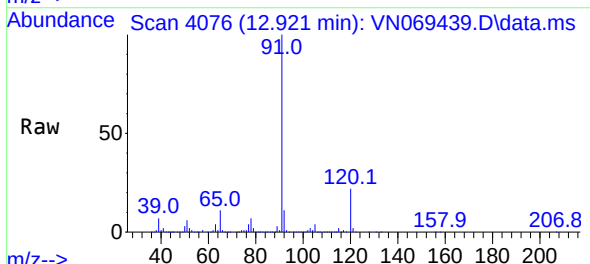
Tgt Ion:156 Resp: 1591974
Ion Ratio Lower Upper
156 100
77 221.3 0.0 416.0
158 97.5 0.0 195.4

Manual Integrations
APPROVED

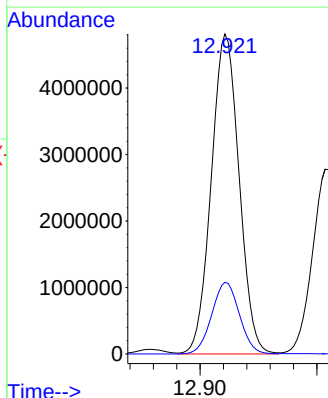
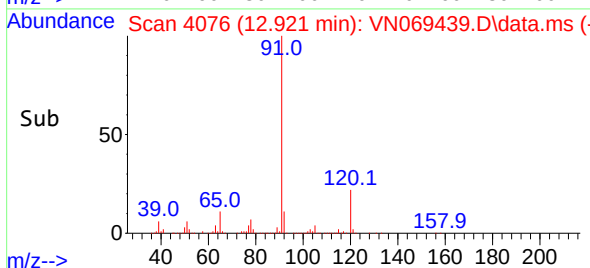
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

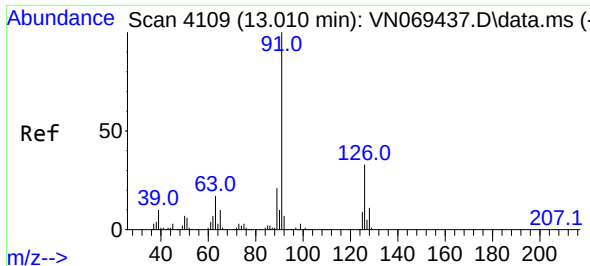


#74
n-propylbenzene
Concen: 99.941 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50



Tgt Ion: 91 Resp: 7957114
Ion Ratio Lower Upper
91 100
120 22.2 0.0 45.0





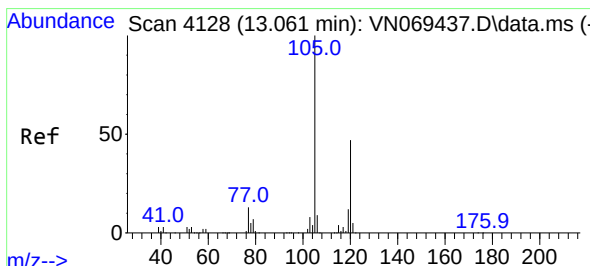
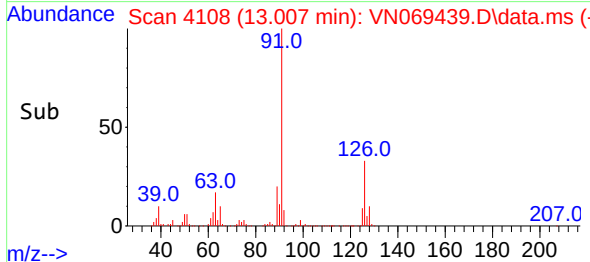
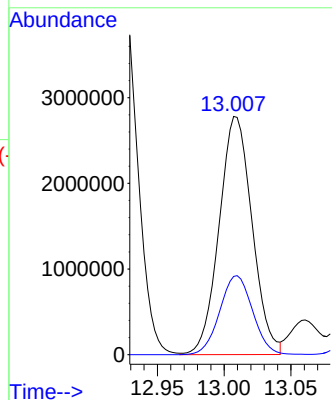
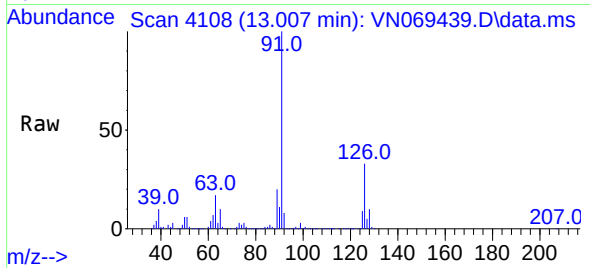
#75
2-Chlorotoluene
Concen: 98.085 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 478184
Ion Ratio Lower Upper
91 100
126 33.1 0.0 69.8

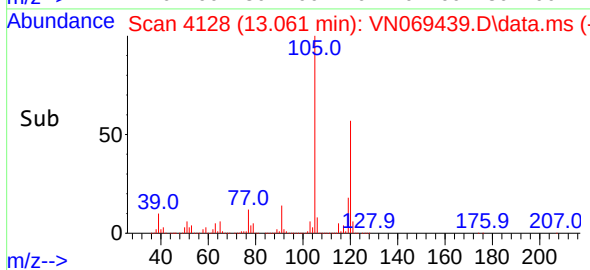
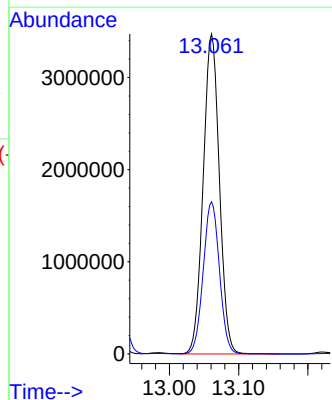
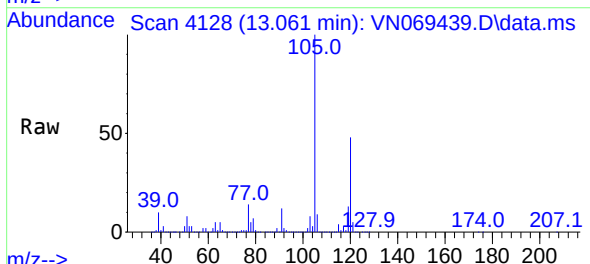
Manual Integrations
APPROVED

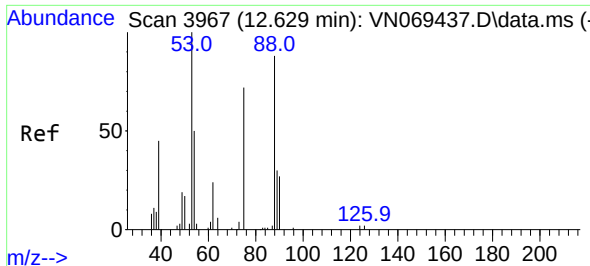
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#76
1,3,5-Trimethylbenzene
Concen: 97.564 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

Tgt Ion:105 Resp: 5637606
Ion Ratio Lower Upper
105 100
120 47.6 0.0 93.8





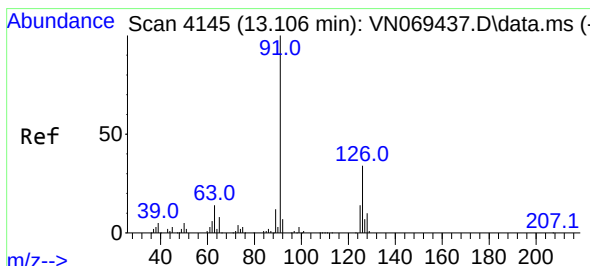
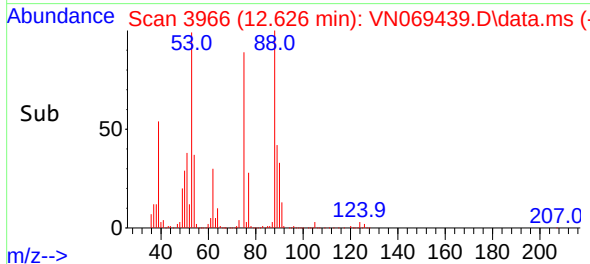
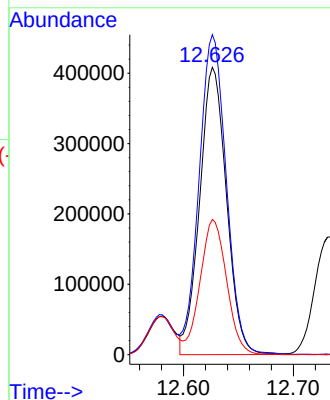
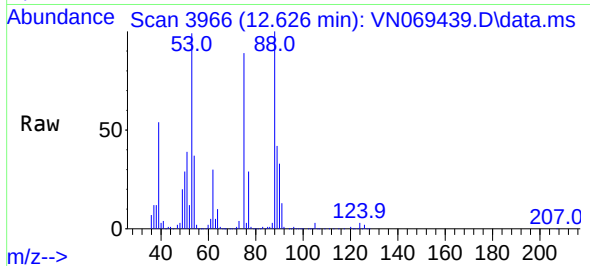
#77
t-1,4-Dichloro-2-butene
Concen: 101.300 ug/l
RT: 12.626 min Scan# 3967
Delta R.T. -0.003 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 691725
Ion Ratio Lower Upper
75 100
53 111.4 51.8 155.5
89 47.1 22.9 68.7

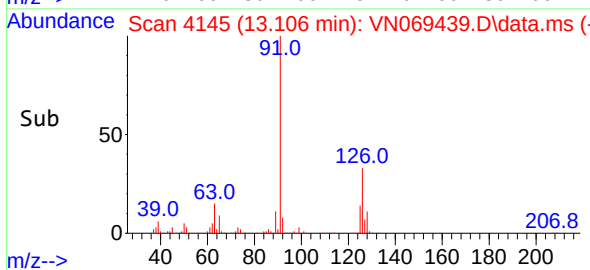
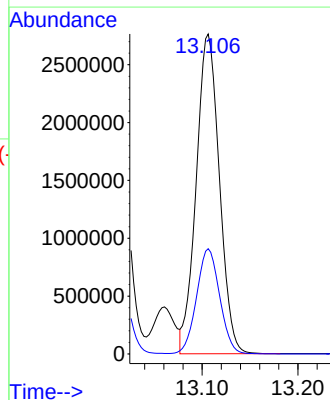
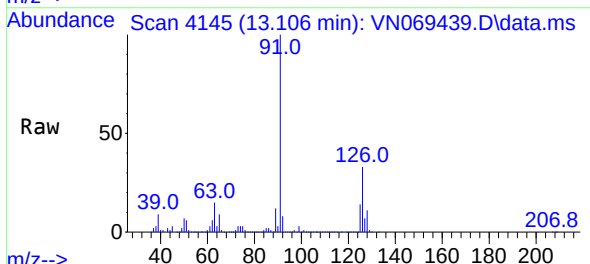
Manual Integrations
APPROVED

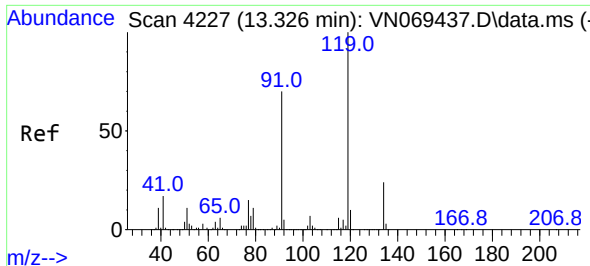
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#78
4-Chlorotoluene
Concen: 97.250 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

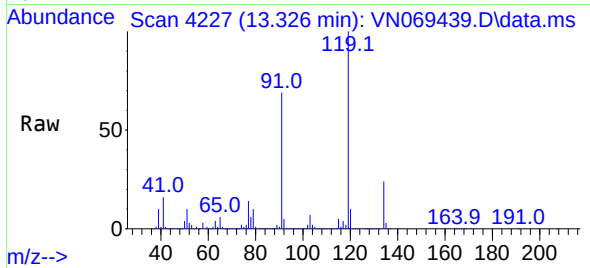
Tgt Ion: 91 Resp: 4646557
Ion Ratio Lower Upper
91 100
126 32.9 0.0 70.6





#79
tert-butylbenzene
Concen: 98.146 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

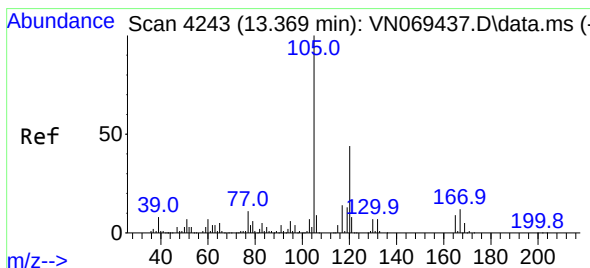
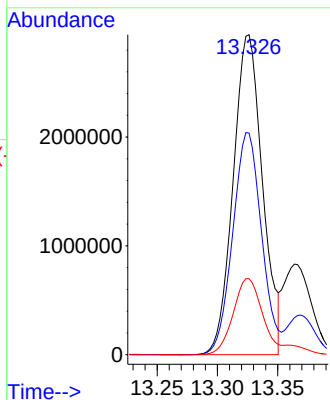
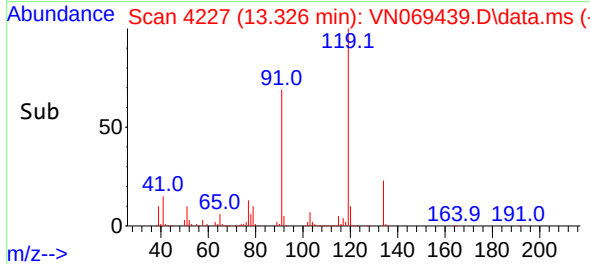
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



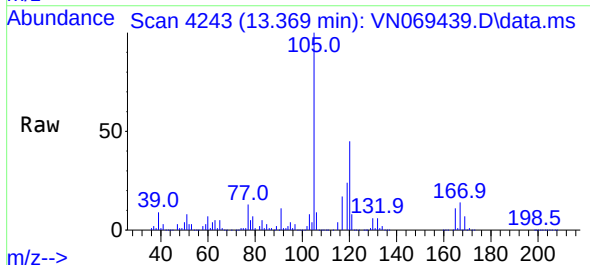
Tgt Ion:119 Resp: 4979600
Ion Ratio Lower Upper
119 100
91 68.6 0.0 137.0
134 23.8 0.0 47.6

Manual Integrations
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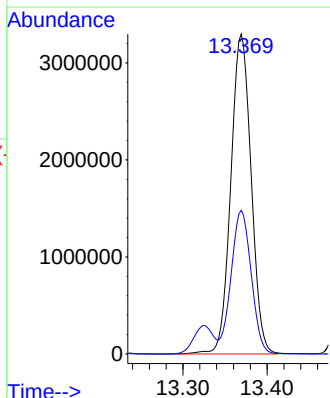
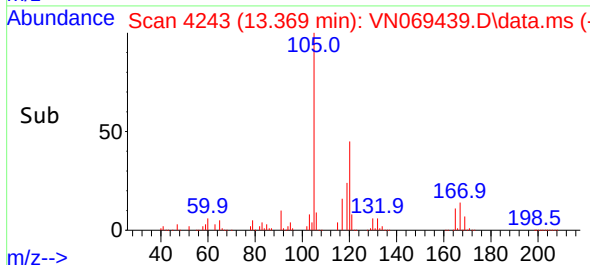
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

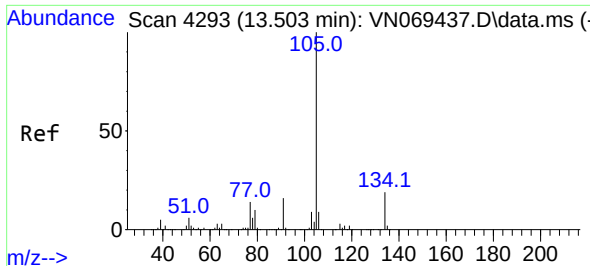


#80
1,2,4-Trimethylbenzene
Concen: 97.386 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50



Tgt Ion:105 Resp: 5524120
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





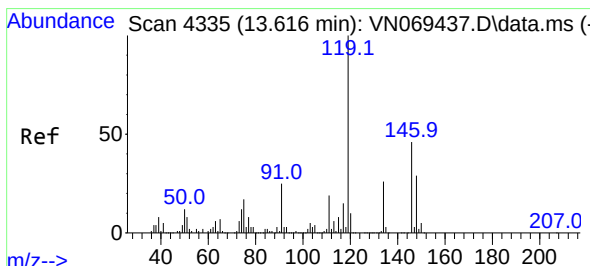
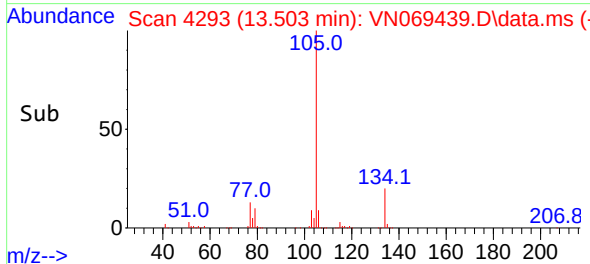
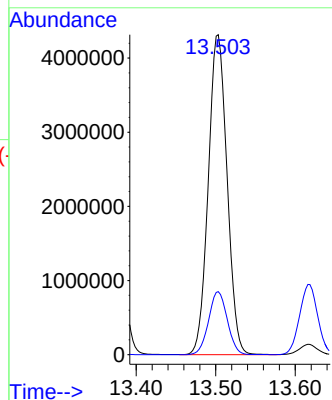
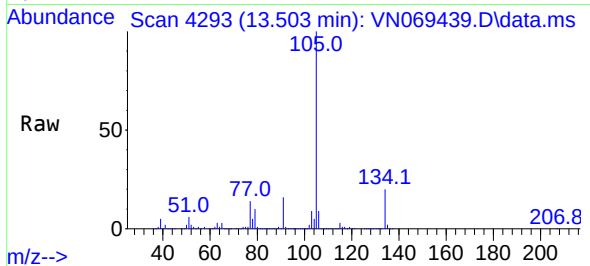
#81
 sec-Butylbenzene
 Concen: 99.482 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069439.D
 Acq: 10 Nov 2021 13:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 706577
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 39.4

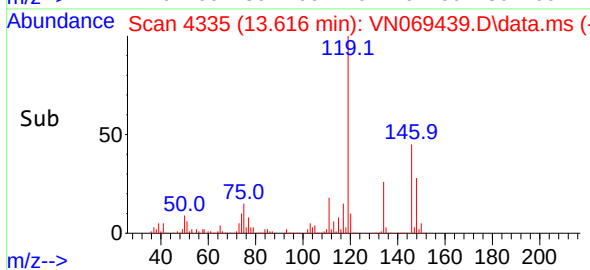
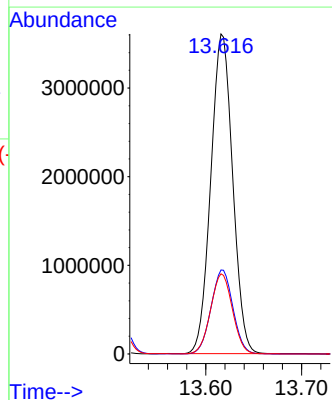
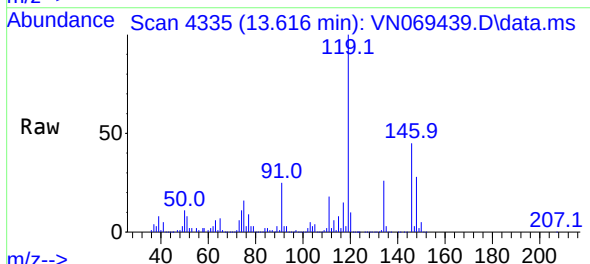
Manual Integrations
 APPROVED

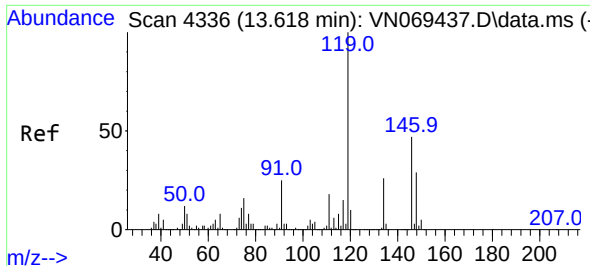
Reviewed By :John Carlone 11/11/2021
 Supervised By :Semsettin Yesilyurt 11/16/2021



#82
 p-Isopropyltoluene
 Concen: 98.571 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.003 min
 Lab File: VN069439.D
 Acq: 10 Nov 2021 13:50

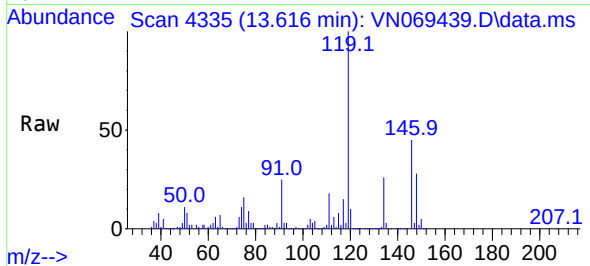
Tgt Ion:119 Resp: 5710529
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 51.8
 91 25.0 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 101.010 ug/l
RT: 13.616 min Scan# 4336
Delta R.T. -0.003 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

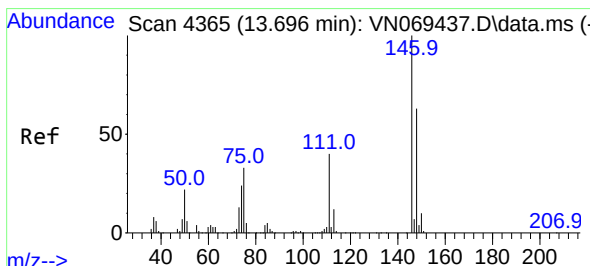
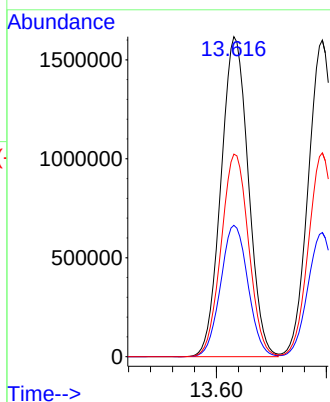
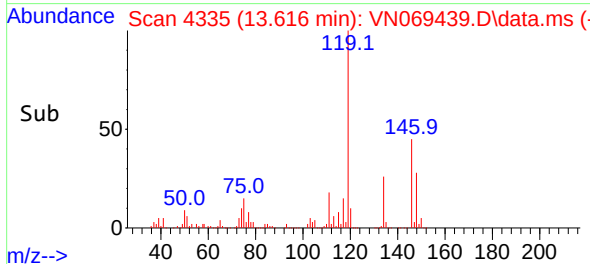
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



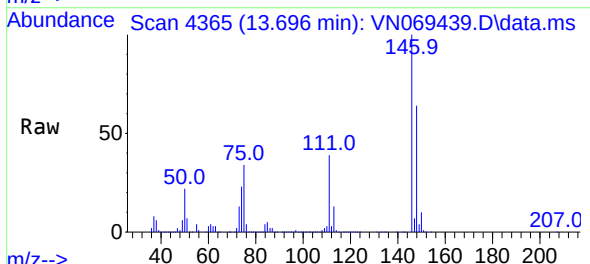
Tgt Ion:146 Resp: 2794510
Ion Ratio Lower Upper
146 100
111 41.1 20.8 62.2
148 63.7 31.4 94.3

Manual Integrations
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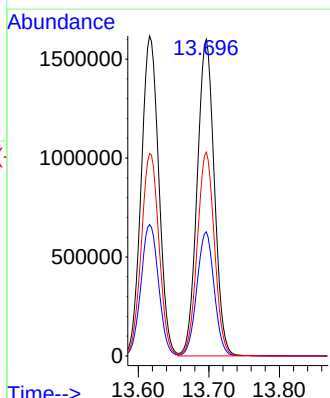
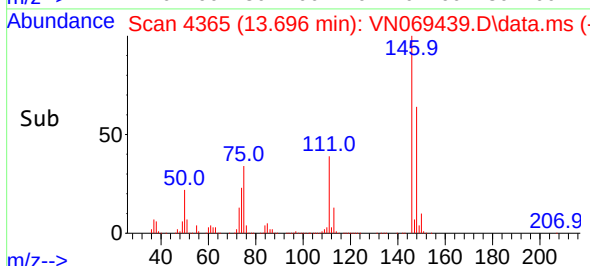
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

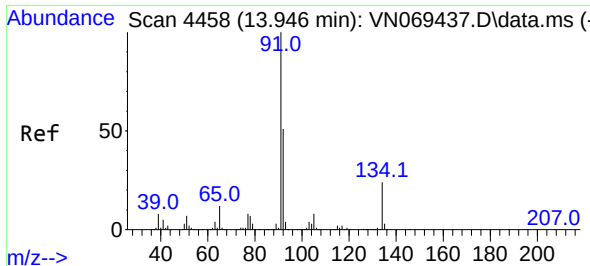


#84
1,4-Dichlorobenzene
Concen: 100.273 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50



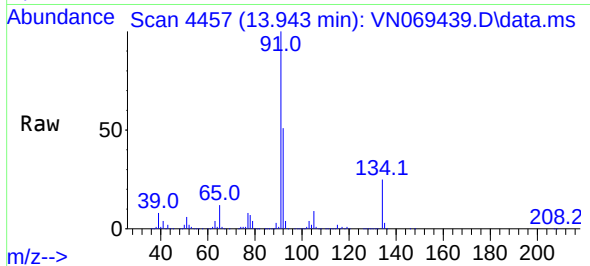
Tgt Ion:146 Resp: 2701368
Ion Ratio Lower Upper
146 100
111 39.1 19.5 58.5
148 64.1 31.1 93.5





#85
n-Butylbenzene
Concen: 102.126 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

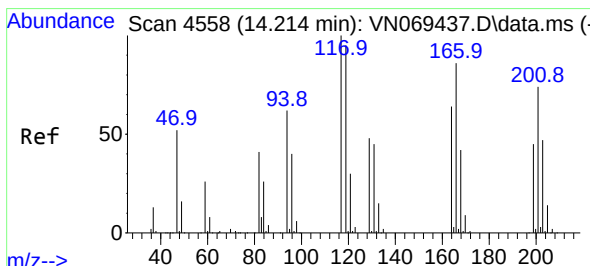
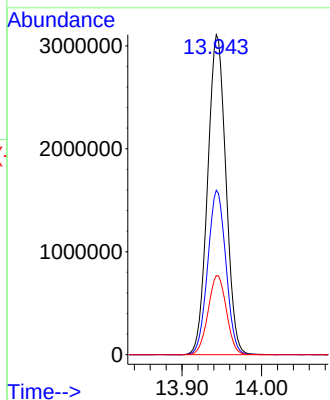
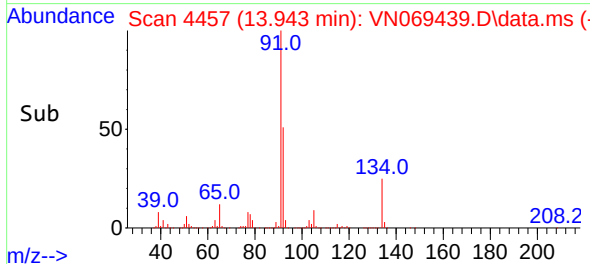
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



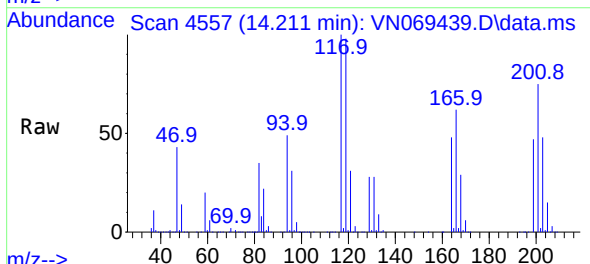
Tgt Ion: 91 Resp: 494824
Ion Ratio Lower Upper
91 100
92 51.2 0.0 100.6
134 24.9 0.0 50.2

Manual Integrations
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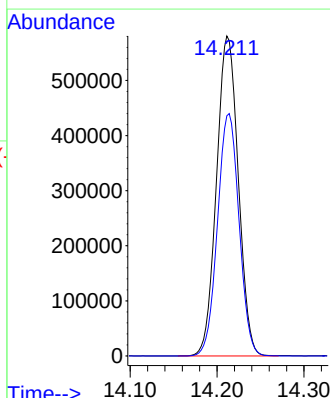
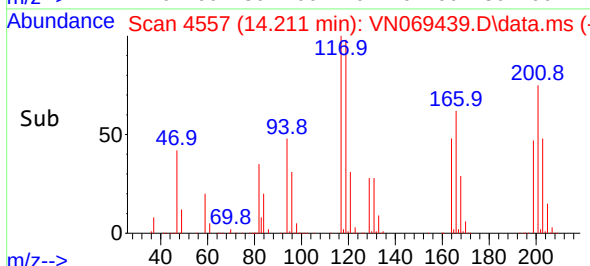
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

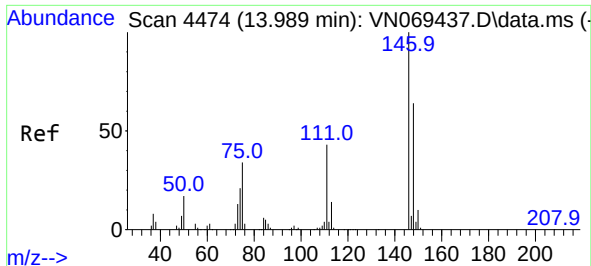


#86
Hexachloroethane
Concen: 93.191 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. -0.003 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50



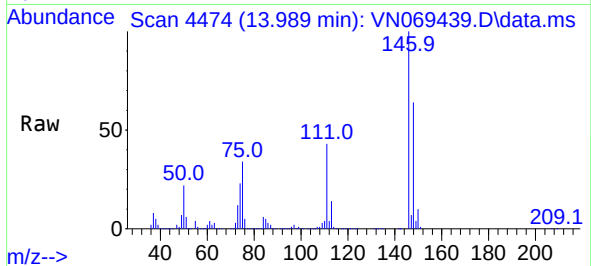
Tgt Ion:117 Resp: 1010890
Ion Ratio Lower Upper
117 100
201 74.9 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 99.971 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.003 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

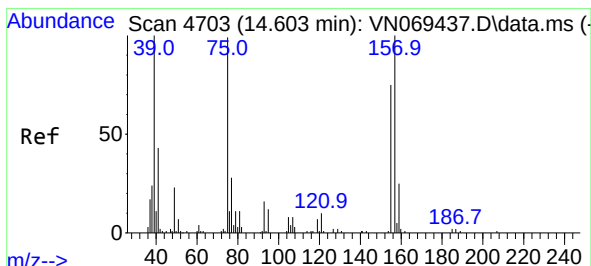
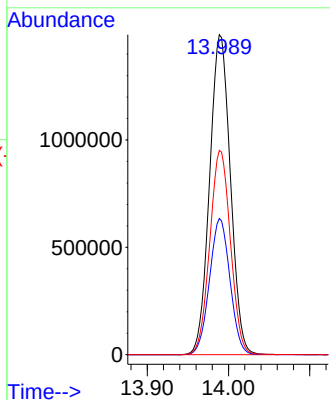
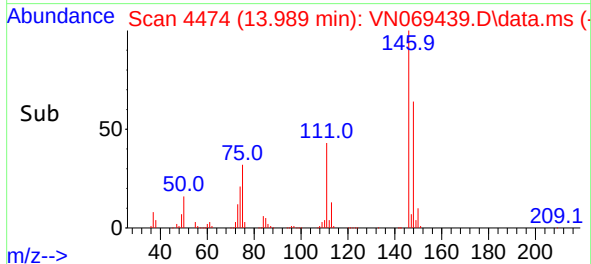
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



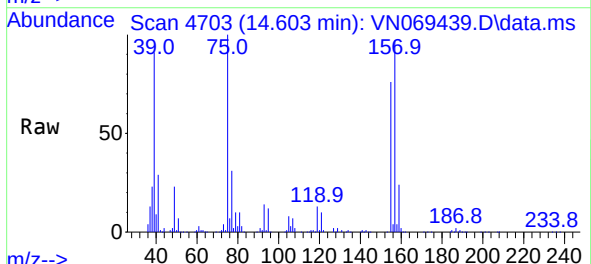
Tgt Ion:146 Resp: 2642670
Ion Ratio Lower Upper
146 100
111 42.1 21.4 64.2
148 63.8 32.5 97.4

Manual Integrations
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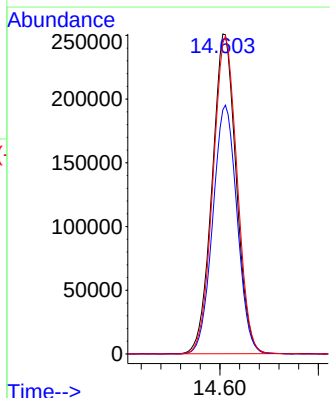
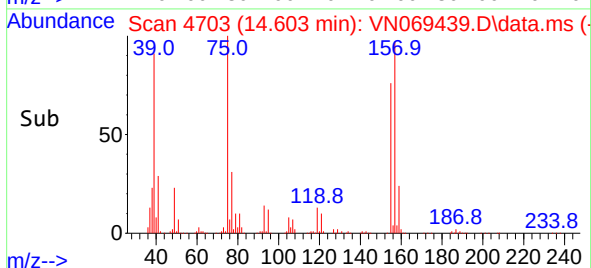
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

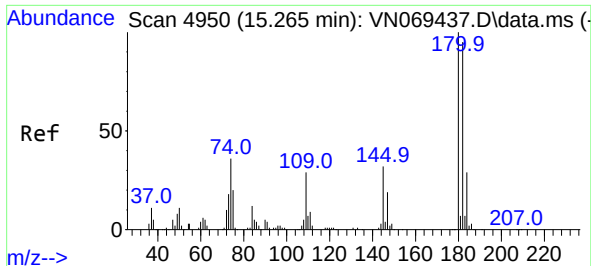


#88
1,2-Dibromo-3-Chloropropane
Concen: 112.866 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50



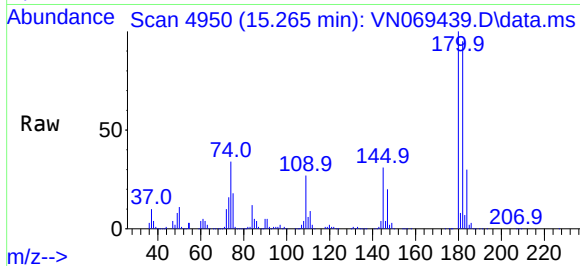
Tgt Ion: 75 Resp: 427197
Ion Ratio Lower Upper
75 100
155 78.5 63.8 95.8
157 99.7 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 102.459 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

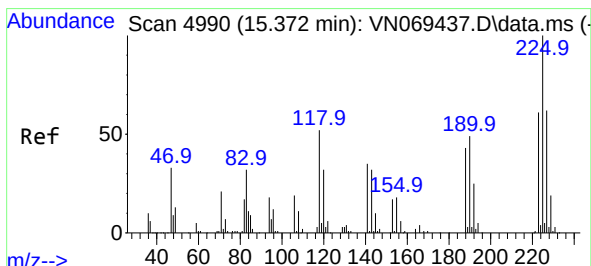
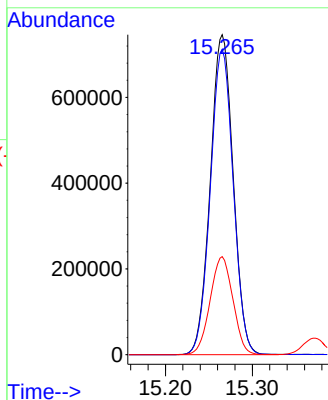
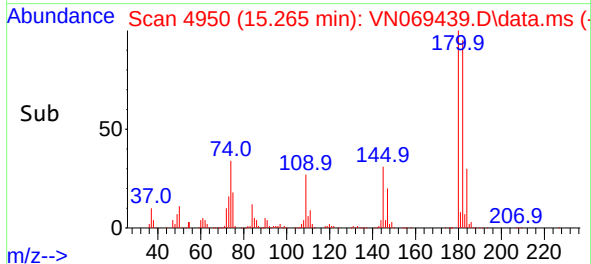
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



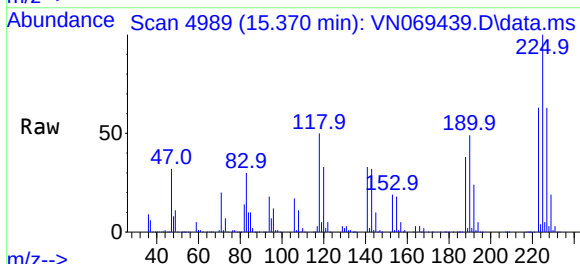
Tgt Ion:180 Resp: 136560
Ion Ratio Lower Upper
180 100
182 95.4 77.7 116.5
145 30.5 26.6 39.8

Manual Integrations
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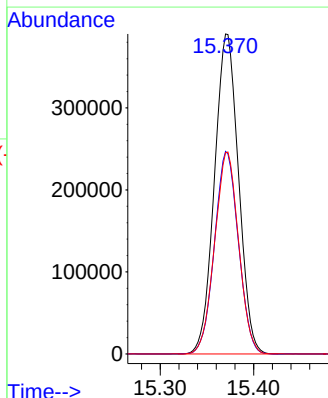
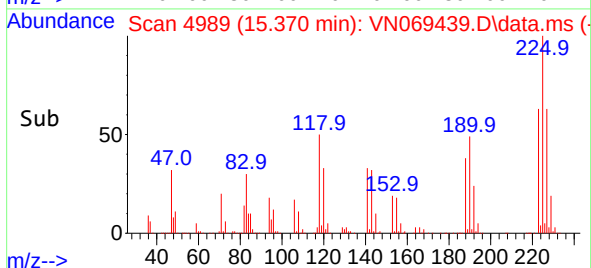
Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021

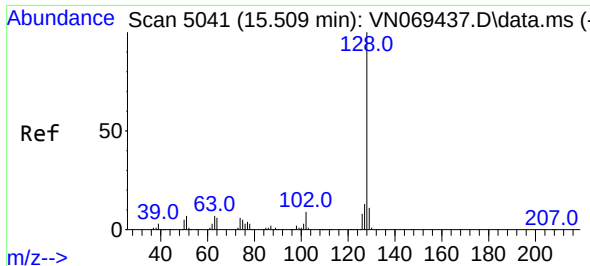


#90
Hexachlorobutadiene
Concen: 100.363 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.003 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50



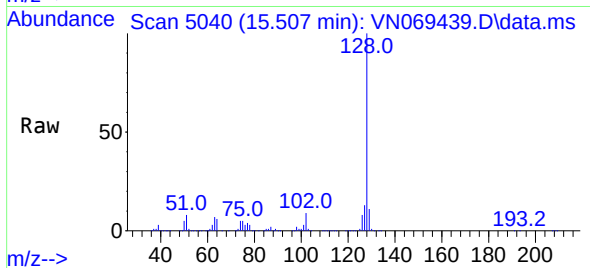
Tgt Ion:225 Resp: 699365
Ion Ratio Lower Upper
225 100
223 62.7 0.0 126.8
227 62.8 0.0 123.0





#91
Naphthalene
Concen: 103.771 ug/l
RT: 15.507 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50

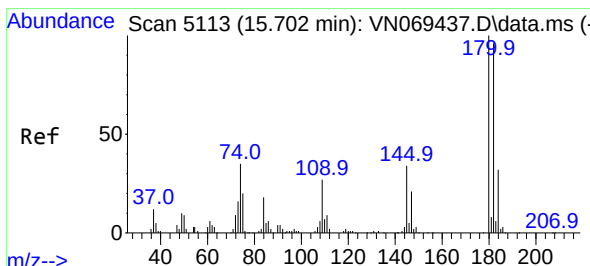
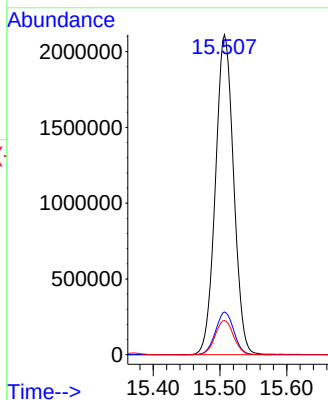
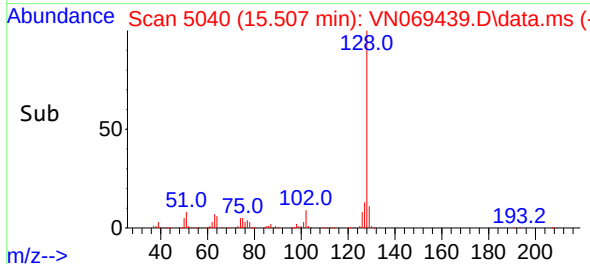
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



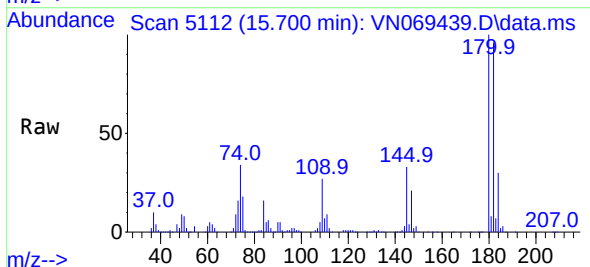
Tgt Ion:128 Resp: 400068
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.9 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/11/2021
Supervised By :Semsettin Yesilyurt 11/16/2021



#92
1,2,3-Trichlorobenzene
Concen: 103.956 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.003 min
Lab File: VN069439.D
Acq: 10 Nov 2021 13:50



Tgt Ion:180 Resp: 1324180
Ion Ratio Lower Upper
180 100
182 95.8 0.0 190.0
145 32.8 0.0 67.8

