

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112221\
 Data File : VN069604.D
 Acq On : 22 Nov 2021 12:38
 Operator : JC/MD
 Sample : VN1122WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/23/2021
 Supervised By : Mahesh Dadoda 11/23/2021

Quant Time: Nov 23 03:49:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 10 14:36:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	175870	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	998496	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.744	117	904432	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	478124	31.347	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.500%			
60) 4-Bromofluorobenzene	12.731	95	429640	29.685	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.933%			
63) Toluene-d8	10.443	98	1279137	30.631	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	284140	21.864	ug/l	98
3) Chloromethane	2.306	50	293012	21.625	ug/l	94
4) Vinyl Chloride	2.448	62	282731	20.578	ug/l	99
5) Bromomethane	2.867	94	170123	19.334	ug/l	95
6) Chloroethane	3.028	64	172430	19.892	ug/l	98
7) Trichlorofluoromethane	3.376	101	381109	18.925	ug/l	97
8) Diethyl Ether	3.827	74	131114	20.626	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.205	101	209325m	22.463	ug/l	
10) 1,1-Dichloroethene	4.181	96	187822	21.371	ug/l	83
11) Methyl Iodide	4.420	142	256431	20.941	ug/l	96
12) Methyl Acetate	4.857	43	527507	20.841	ug/l	91
13) Acrolein	4.041	56	78517	112.826	ug/l	99
14) Acrylonitrile	5.557	53	705867	102.218	ug/l	99
15) Acetone	4.288	58	247889	107.732	ug/l	81
16) Carbon Disulfide	4.529	76	441421	20.093	ug/l	98
17) Allyl chloride	4.841	41	394214	21.104	ug/l	90
18) Methylene Chloride	5.095	84	235311	21.016	ug/l #	86
19) trans-1,2-Dichloroethene	5.597	96	199555	20.691	ug/l	89
20) Diisopropyl ether	6.498	45	844265	21.093	ug/l #	96
21) 1,1-Dichloroethane	6.388	63	428427	21.098	ug/l	99
22) cis-1,2-Dichloroethene	7.327	96	242505	20.273	ug/l	92
23) tert-Butyl Alcohol	5.377	59	224166	93.275	ug/l #	100
24) Methyl tert-Butyl Ether	5.618	73	729777	20.719	ug/l	95
25) Chloroform	7.820	83	437647	20.844	ug/l	99
26) Cyclohexane	8.096	56	410556	21.295	ug/l #	85
29) 1,1-Dichloropropene	8.223	75	313593	20.574	ug/l	96
30) 2-Butanone	7.337	43	1126501	102.107	ug/l	91
31) 2,2-Dichloropropane	7.324	77	329947	20.476	ug/l	96
32) 1,1,1-Trichloroethane	8.016	97	360864	20.280	ug/l	93
33) Carbon Tetrachloride	8.206	117	303579	20.657	ug/l	95
34) Benzene	8.461	78	965274	20.825	ug/l #	95
35) Methacrylonitrile	7.635	41	203009	20.063	ug/l	91
36) 1,2-Dichloroethane	8.531	62	381267	21.336	ug/l	98
37) Trichloroethene	9.215	130	229819	20.523	ug/l	92
38) Methylcyclohexane	9.462	83	390155	20.690	ug/l	88
39) 1,2-Dichloropropane	9.491	63	258483	21.056	ug/l	97
40) Dibromomethane	9.577	93	167107	20.325	ug/l	96
41) Bromodichloromethane	9.762	83	315970	20.475	ug/l	95
42) Vinyl Acetate	6.436	43	3202504	102.716	ug/l #	94

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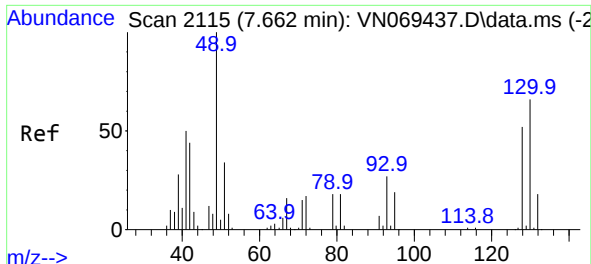
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.415	43	416336	20.363	ug/l	96
44) Isopropyl Acetate	8.560	43	657491	20.627	ug/l	96
45) 1,4-Dioxane	9.572	88	98786	381.781	ug/l	88
46) Methyl methacrylate	9.561	41	293187	19.971	ug/l	83
47) n-amyl Acetate	12.390	43	403719	16.494	ug/l	100
48) t-1,3-Dichloropropene	10.719	75	311516	18.810	ug/l	99
49) cis-1,3-Dichloropropene	10.191	75	361623	20.066	ug/l	94
50) 1,1,2-Trichloroethane	10.899	97	230753	19.765	ug/l	94
51) Ethyl methacrylate	10.762	69	367826	18.791	ug/l	90
52) 1,3-Dichloropropane	11.047	76	407942	20.228	ug/l	99
53) Dibromochloromethane	11.240	129	214650	19.240	ug/l	98
54) 1,2-Dibromoethane	11.347	107	235566	19.482	ug/l	96
55) 2-Chloroethyl vinyl ether	10.044	63	525856	118.105	ug/l	97
56) Bromoform	12.460	173	142691	17.836	ug/l #	100
58) 4-Methyl-2-Pentanone	10.331	43	2113167	106.441	ug/l #	94
59) 2-Hexanone	11.087	43	1492456	98.828	ug/l	95
61) Tetrachloroethene	10.980	164	209528	21.585	ug/l	93
62) Toluene	10.505	91	1036626	20.858	ug/l	99
64) Chlorobenzene	11.771	112	597951	20.053	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.843	131	214410	20.424	ug/l	100
66) Ethyl Benzene	11.846	91	1123822	20.429	ug/l	99
67) m/p-Xylenes	11.953	106	836720	40.951	ug/l	96
68) o-Xylene	12.280	106	409072	19.996	ug/l	94
69) Styrene	12.296	104	647368	19.518	ug/l	97
70) Isopropylbenzene	12.581	105	1082877	20.239	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.827	83	362369	20.525	ug/l	97
72) 1,2,3-Trichloropropane	12.881	75	313277m	18.215	ug/l	
73) Bromobenzene	12.862	156	242420	19.656	ug/l	93
74) n-propylbenzene	12.921	91	1206900	19.641	ug/l	99
75) 2-Chlorotoluene	13.007	91	756855	20.234	ug/l	96
76) 1,3,5-Trimethylbenzene	13.061	105	876836	19.967	ug/l	99
77) t-1,4-Dichloro-2-butene	12.626	75	77858	16.771	ug/l	76
78) 4-Chlorotoluene	13.106	91	699361	19.524	ug/l	94
79) tert-butylbenzene	13.324	119	758468	19.635	ug/l	98
80) 1,2,4-Trimethylbenzene	13.369	105	847798m	19.791	ug/l	
81) sec-Butylbenzene	13.503	105	1051953	19.463	ug/l	100
82) p-Isopropyltoluene	13.616	119	822827	19.080	ug/l	100
83) 1,3-Dichlorobenzene	13.616	146	412891	19.580	ug/l	100
84) 1,4-Dichlorobenzene	13.696	146	391971	19.161	ug/l	99
85) n-Butylbenzene	13.943	91	617731	17.163	ug/l	99
86) Hexachloroethane	14.211	117	133401	18.691	ug/l	90
87) 1,2-Dichlorobenzene	13.989	146	400469	19.678	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.606	75	58240	18.845	ug/l	98
89) 1,2,4-Trichlorobenzene	15.265	180	156692	16.058	ug/l	97
90) Hexachlorobutadiene	15.373	225	108533	20.568	ug/l	98
91) Naphthalene	15.509	128	381828	13.583	ug/l	100
92) 1,2,3-Trichlorobenzene	15.703	180	154775	16.135	ug/l	99

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



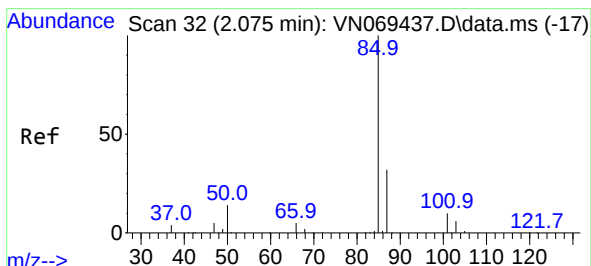
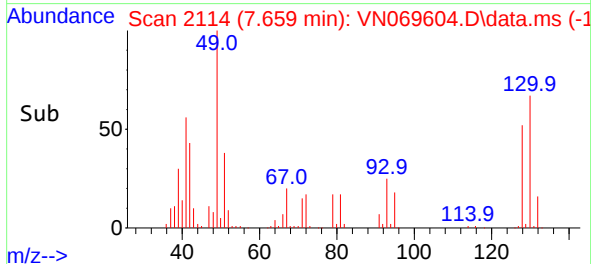
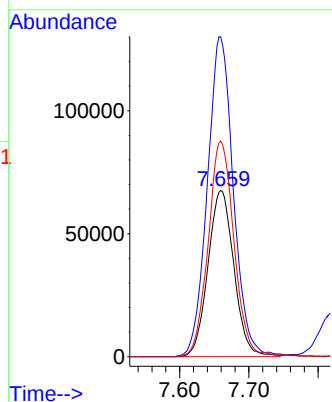
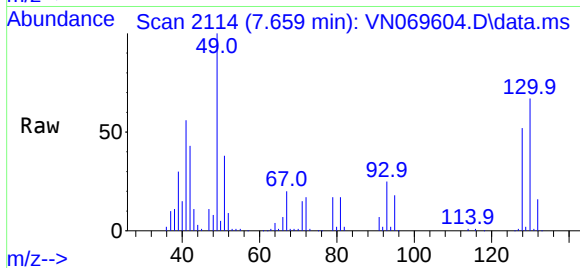
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

Instrument :
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Tgt Ion:128 Resp: 175870
Ion Ratio Lower Upper
128 100
49 192.2 0.0 392.3
130 128.0 0.0 320.2

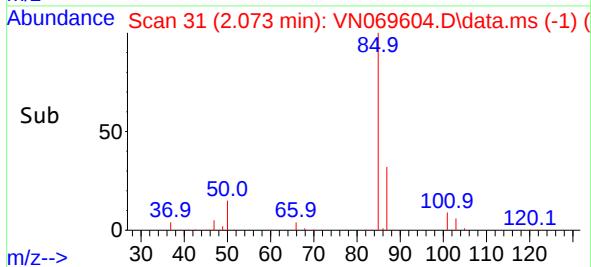
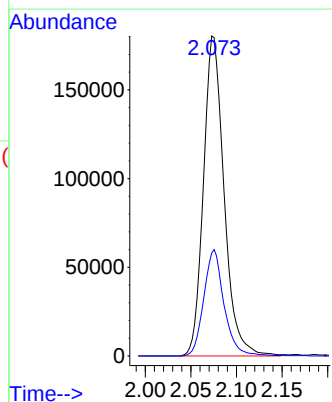
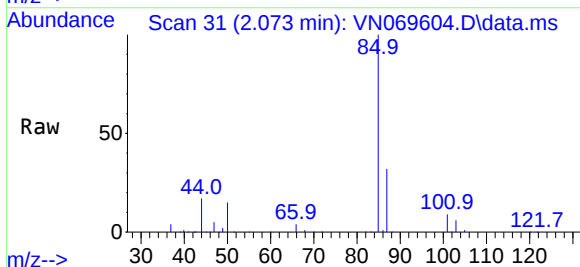
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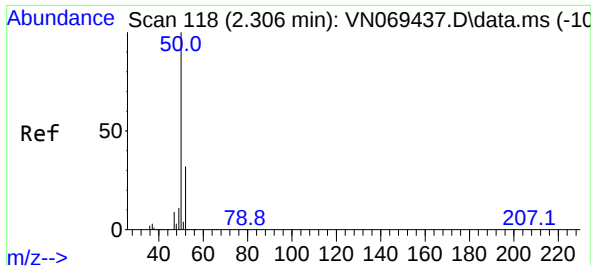
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#2
Dichlorodifluoromethane
Concen: 21.864 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

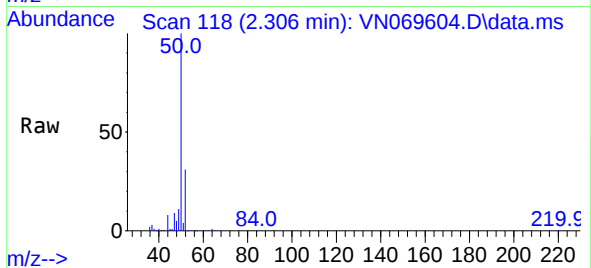
Tgt Ion: 85 Resp: 284140
Ion Ratio Lower Upper
85 100
87 32.2 16.6 49.7





#3
Chloromethane
Concen: 21.625 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

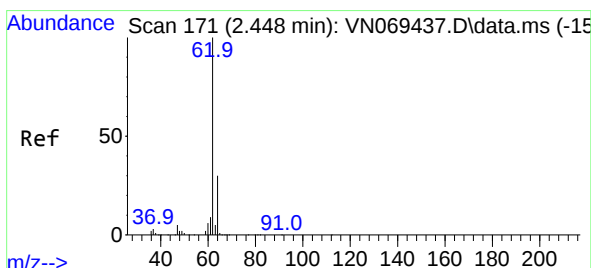
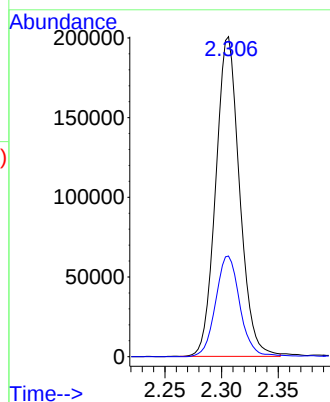
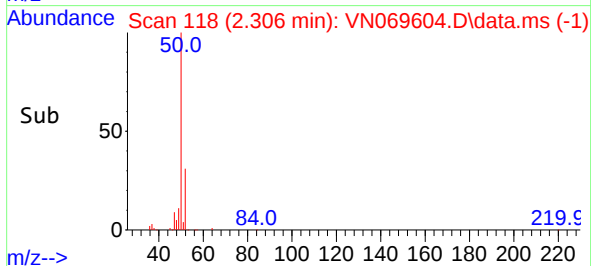
Instrument :
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ClientSampleId :
VN1122WBS01



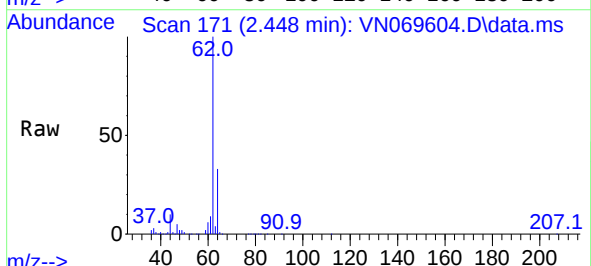
Tgt Ion: 50 Resp: 293012
Ion Ratio Lower Upper
50 100
52 31.5 27.8 41.6

Manual Integrations
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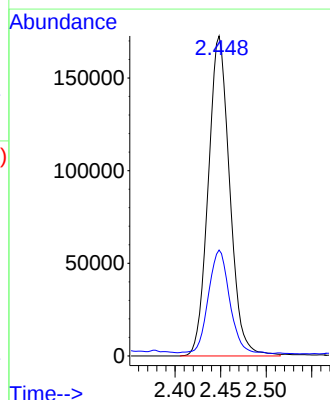
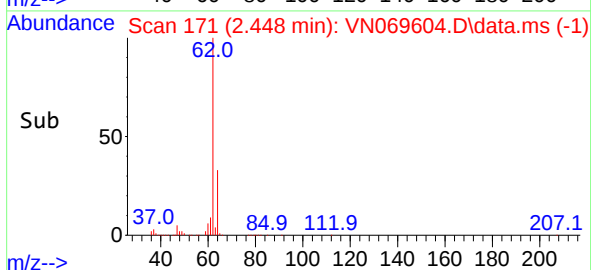
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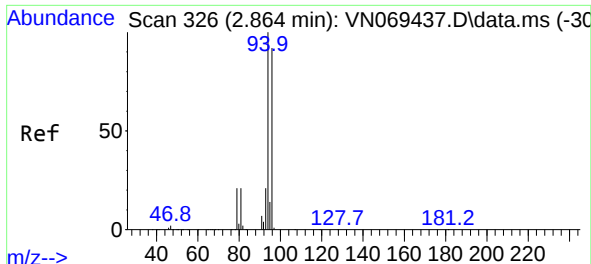


#4
Vinyl Chloride
Concen: 20.578 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38



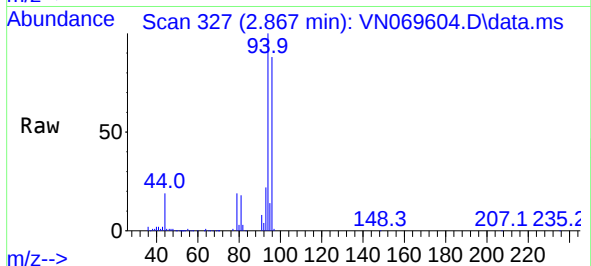
Tgt Ion: 62 Resp: 282731
Ion Ratio Lower Upper
62 100
64 32.2 25.1 37.7





#5
Bromomethane
Concen: 19.334 ug/l
RT: 2.867 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

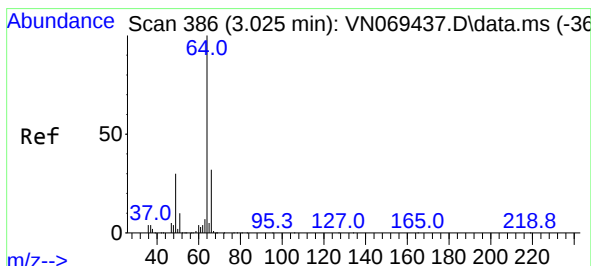
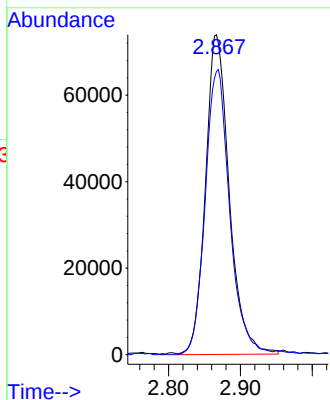
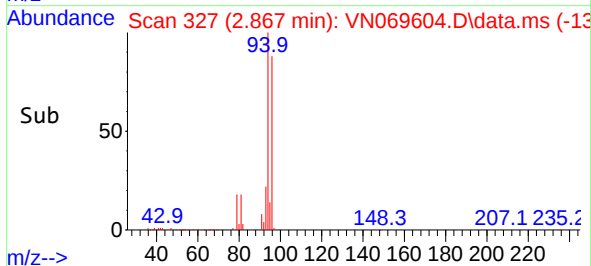
Instrument :
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ClientSampleId :
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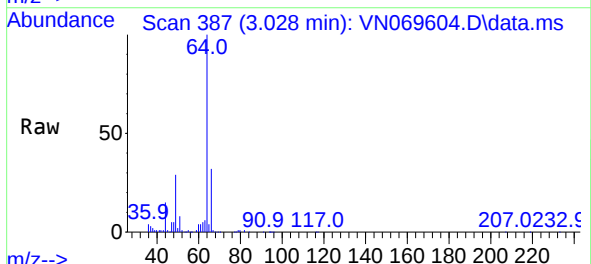
Tgt Ion: 94 Resp: 17012
Ion Ratio Lower Upper
94 100
96 88.8 75.2 112.8

Manual Integrations
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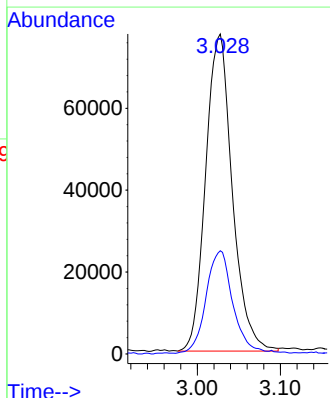
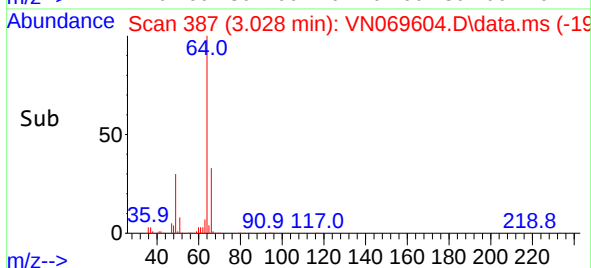
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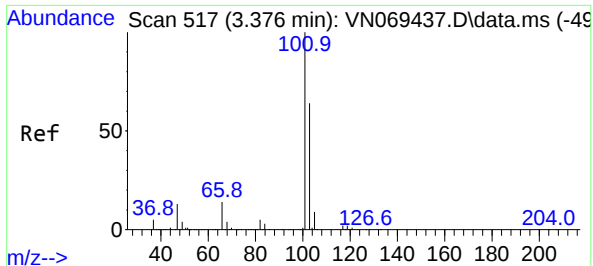


#6
Chloroethane
Concen: 19.892 ug/l
RT: 3.028 min Scan# 387
Delta R.T. 0.003 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38



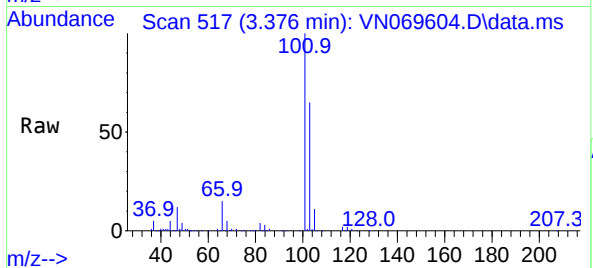
Tgt Ion: 64 Resp: 172430
Ion Ratio Lower Upper
64 100
66 32.0 24.6 36.8





#7
Trichlorofluoromethane
Concen: 18.925 ug/l
RT: 3.376 min Scan# 517
Delta R.T. -0.002 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

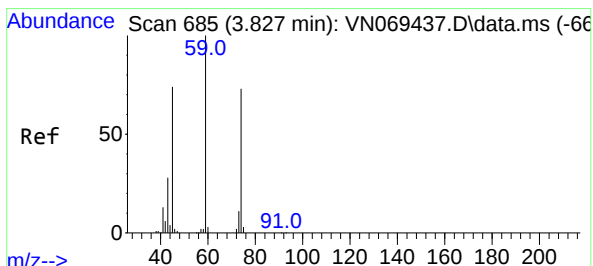
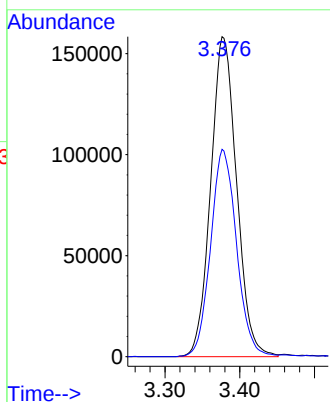
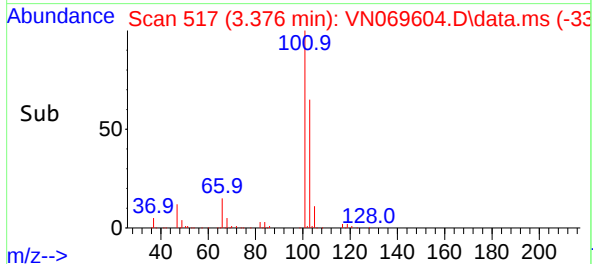
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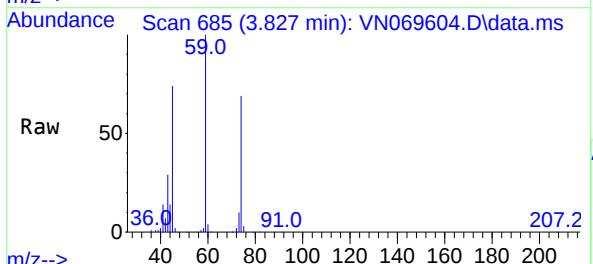
Tgt Ion:101 Resp: 381109
Ion Ratio Lower Upper
101 100
103 64.7 50.1 75.1

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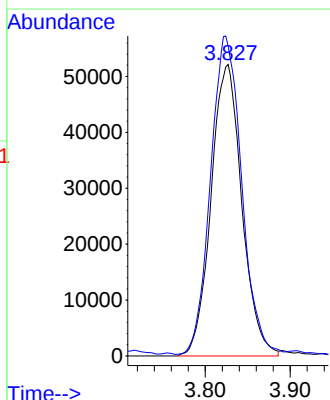
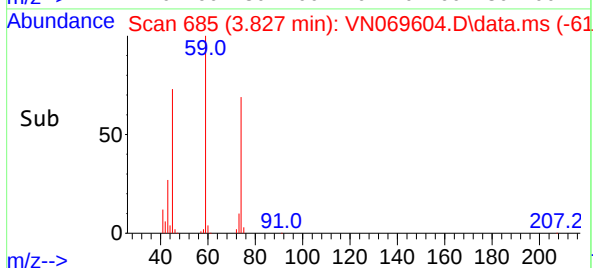
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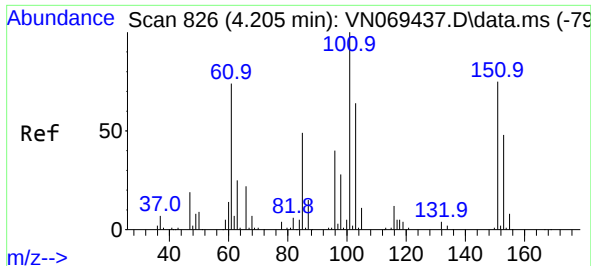


#8
Diethyl Ether
Concen: 20.626 ug/l
RT: 3.827 min Scan# 685
Delta R.T. -0.002 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38



Tgt Ion: 74 Resp: 131114
Ion Ratio Lower Upper
74 100
45 110.2 17.6 158.8





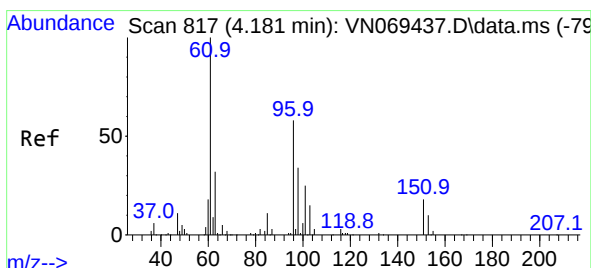
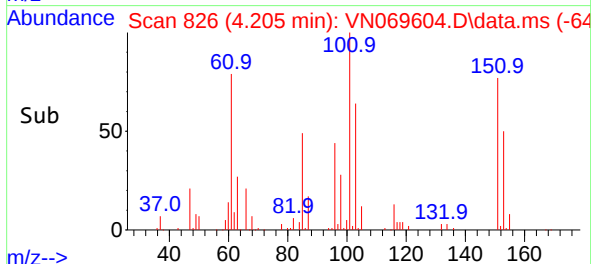
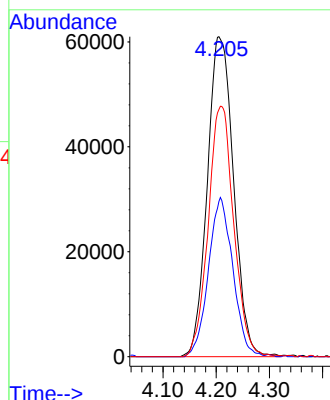
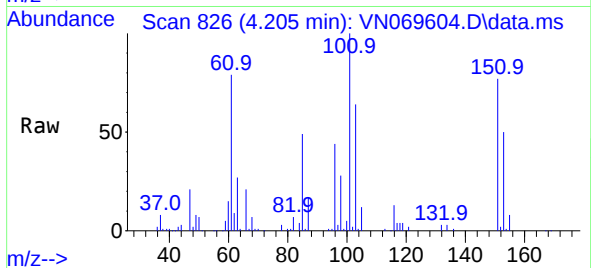
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.463 ug/l m
RT: 4.205 min Scan# 81
Delta R.T. -0.016 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

Tgt Ion:101 Resp: 20932
Ion Ratio Lower Upper
101 100
85 0.0 0.0 94.0
151 0.0 0.0 74.6

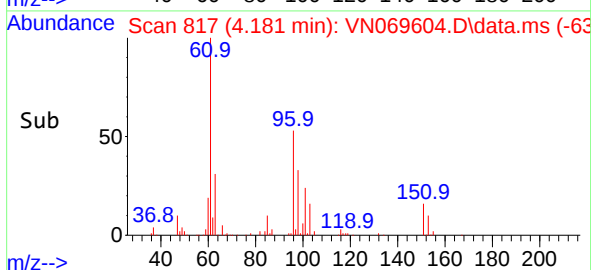
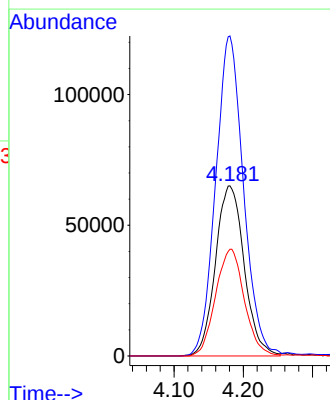
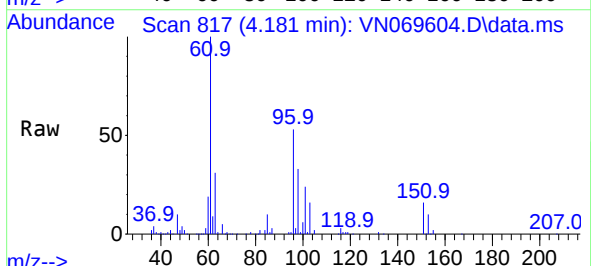
Manual Integrations
APPROVED

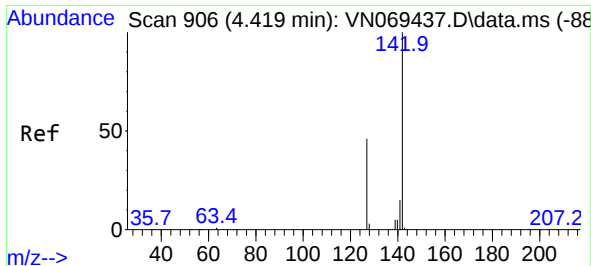
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#10
1,1-Dichloroethene
Concen: 21.371 ug/l
RT: 4.181 min Scan# 817
Delta R.T. -0.010 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

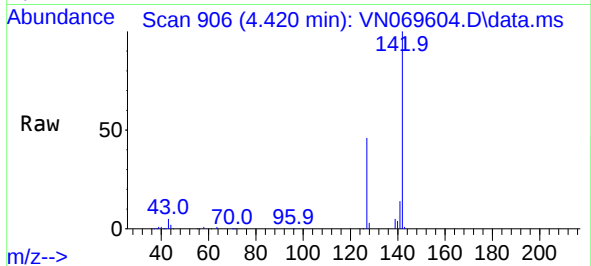
Tgt Ion: 96 Resp: 187822
Ion Ratio Lower Upper
96 100
61 188.2 126.2 189.4
98 62.8 50.9 76.3





#11
Methyl Iodide
Concen: 20.941 ug/l
RT: 4.420 min Scan# 906
Delta R.T. -0.010 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

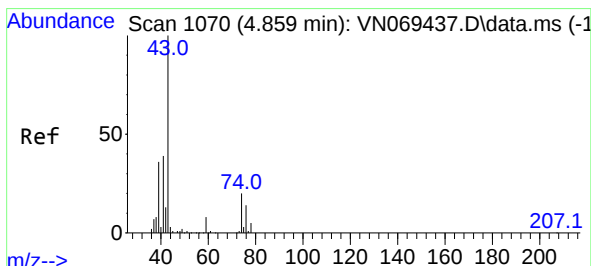
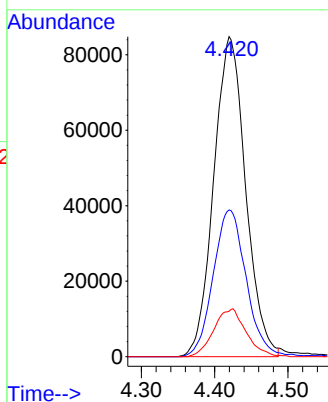
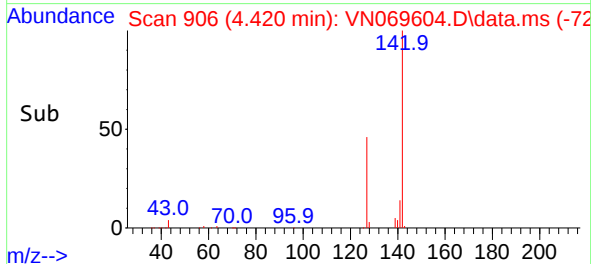
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



Tgt Ion:142 Resp: 25643
Ion Ratio Lower Upper
142 100
127 45.8 24.0 72.0
141 14.2 8.4 25.2

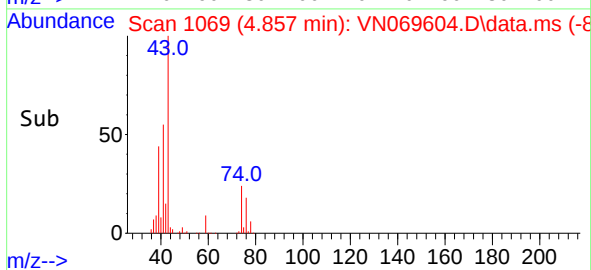
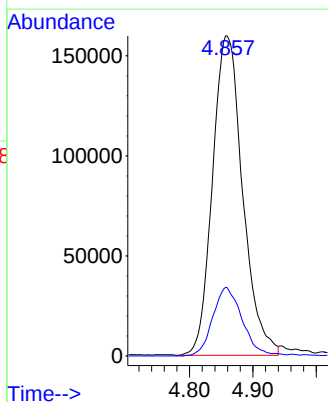
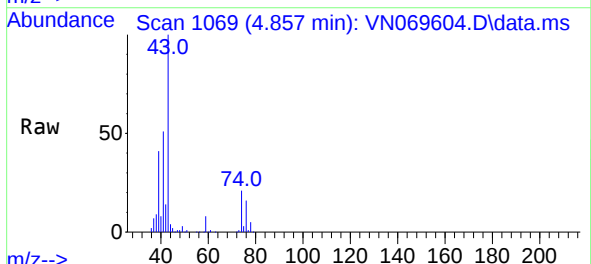
Manual Integrations
APPROVED

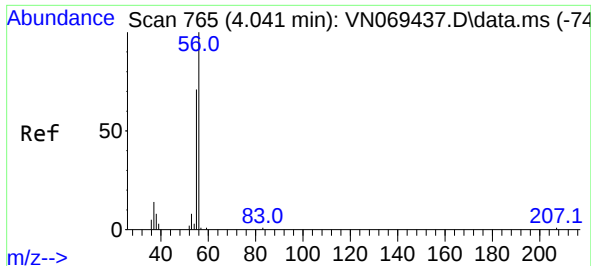
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#12
Methyl Acetate
Concen: 20.841 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

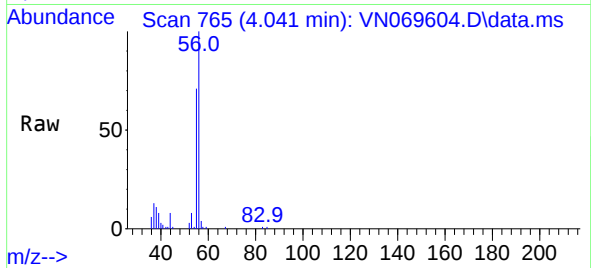
Tgt Ion: 43 Resp: 527507
Ion Ratio Lower Upper
43 100
74 21.5 20.8 31.2





#13
Acrolein
Concen: 112.826 ug/l
RT: 4.041 min Scan# 765
Delta R.T. -0.005 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

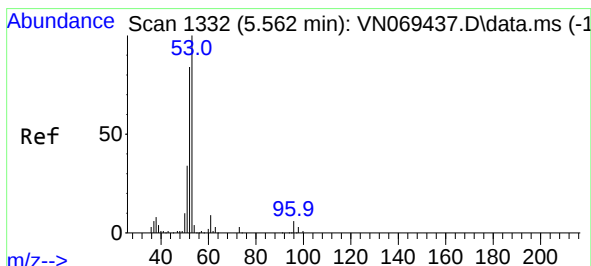
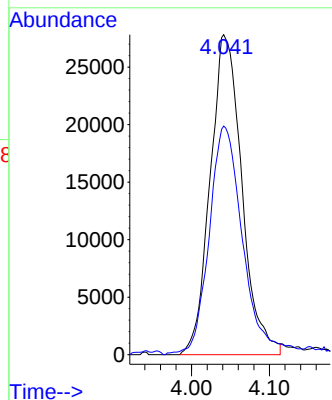
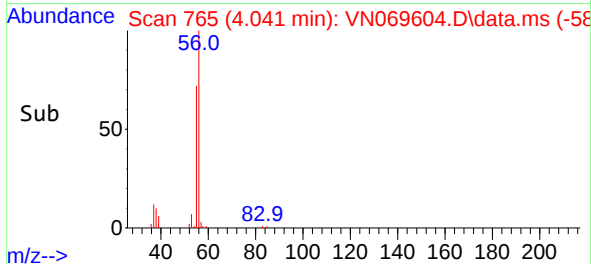
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



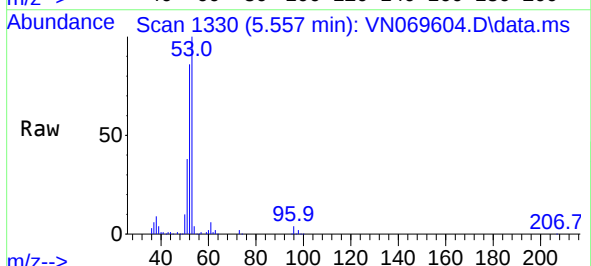
Tgt Ion: 56 Resp: 7851
Ion Ratio Lower Upper
56 100
55 73.0 57.6 86.4

Manual Integrations
APPROVED

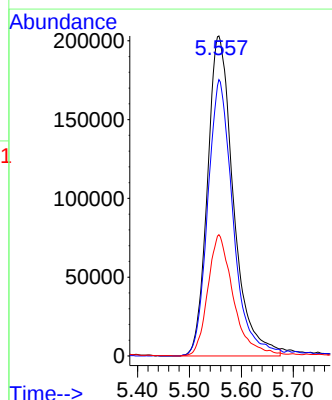
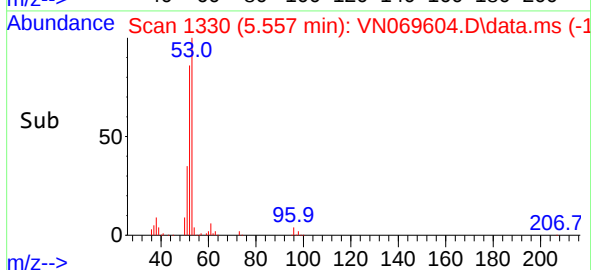
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

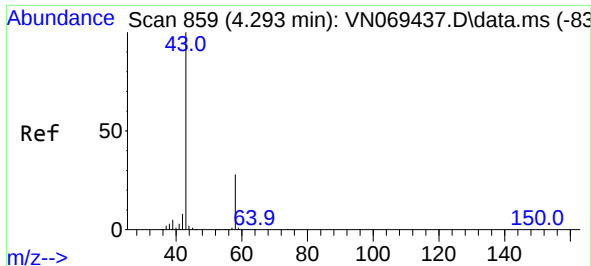


#14
Acrylonitrile
Concen: 102.218 ug/l
RT: 5.557 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38



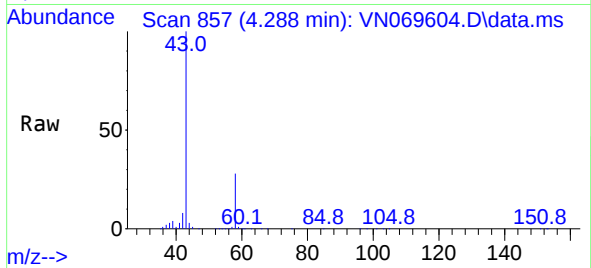
Tgt Ion: 53 Resp: 705867
Ion Ratio Lower Upper
53 100
52 83.1 41.8 125.4
51 36.8 19.0 57.0





#15
Acetone
Concen: 107.732 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

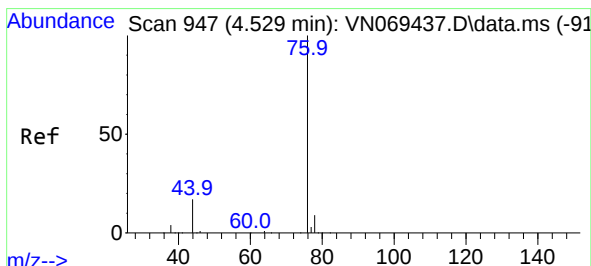
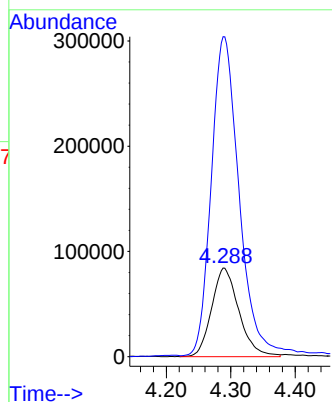
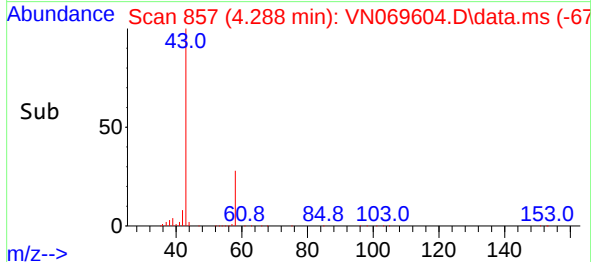
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



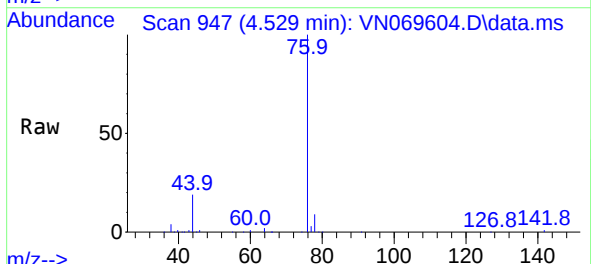
Tgt Ion: 58 Resp: 247889
Ion Ratio Lower Upper
58 100
43 360.1 256.6 384.8

Manual Integrations
APPROVED

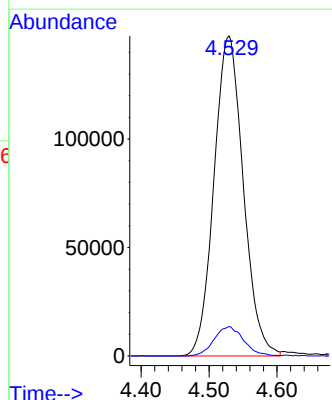
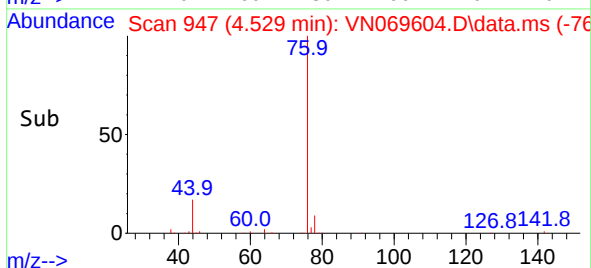
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

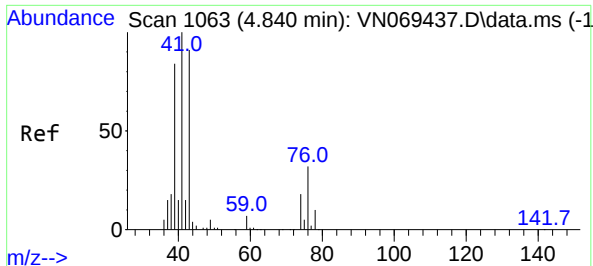


#16
Carbon Disulfide
Concen: 20.093 ug/l
RT: 4.529 min Scan# 947
Delta R.T. -0.008 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38



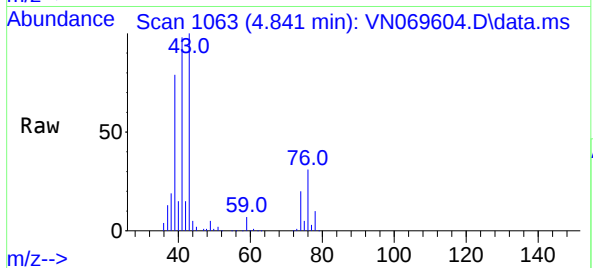
Tgt Ion: 76 Resp: 441421
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.8





Allyl chloride
 Concen: 21.104 ug/l
 RT: 4.841 min Scan# 1063
 Delta R.T. -0.005 min
 Lab File: VN069604.D
 Acq: 22 Nov 2021 12:38

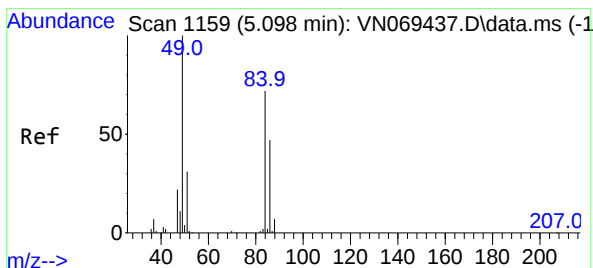
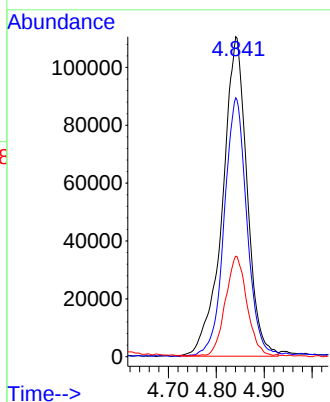
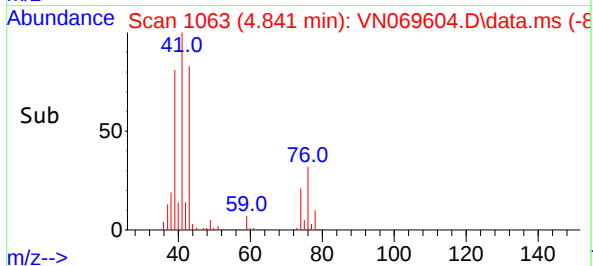
Instrument : MSVOA_N
 ClientSampleId : VN1122WBS01



Tgt Ion: 41 Resp: 394214
 Ion Ratio Lower Upper
 41 100
 39 80.8 44.6 134.0
 76 31.1 19.6 58.7

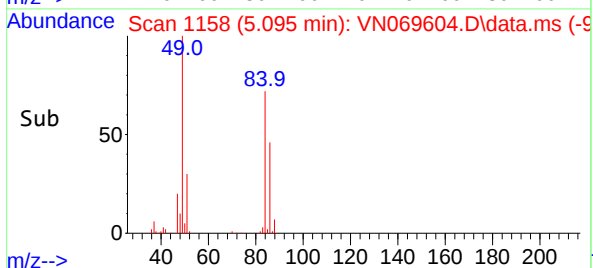
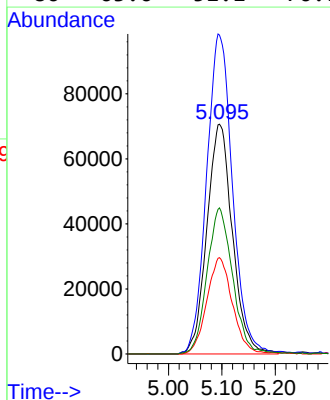
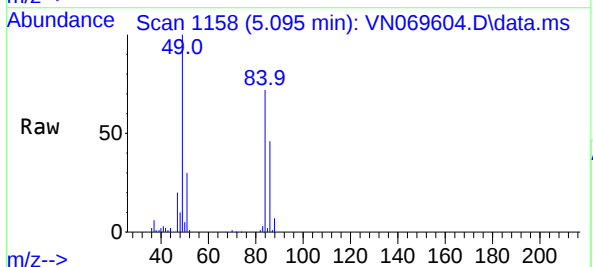
Manual Integrations
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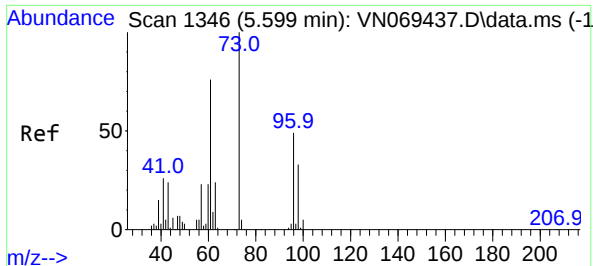
Reviewed By :John Carlone 11/23/2021
 Supervised By :Mahesh Dadoda 11/23/2021



Methylene Chloride
 Concen: 21.016 ug/l
 RT: 5.095 min Scan# 1158
 Delta R.T. -0.005 min
 Lab File: VN069604.D
 Acq: 22 Nov 2021 12:38

Tgt Ion: 84 Resp: 235311
 Ion Ratio Lower Upper
 84 100
 49 138.8 91.4 137.0#
 51 41.9 29.4 44.0
 86 63.6 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 20.691 ug/l

RT: 5.597 min Scan# 11

Delta R.T. -0.008 min

Lab File: VN069604.D

Acq: 22 Nov 2021 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBS01

Tgt Ion: 96 Resp: 19955

Ion Ratio Lower Upper

96 100

61 147.6 102.8 154.2

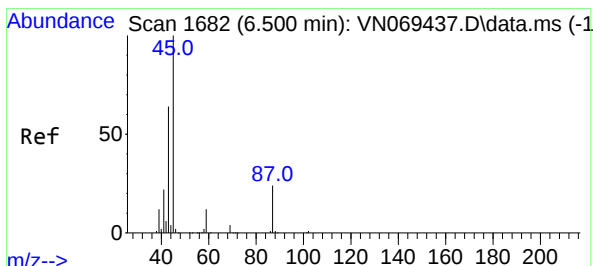
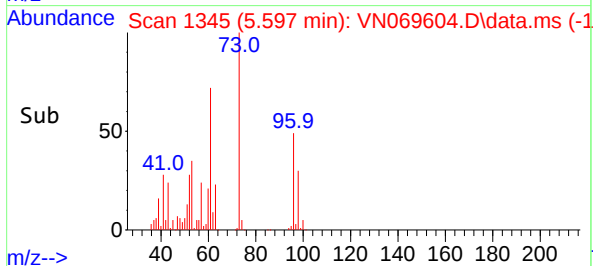
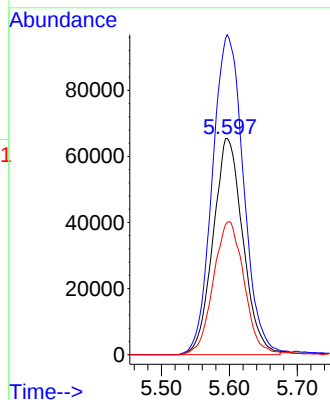
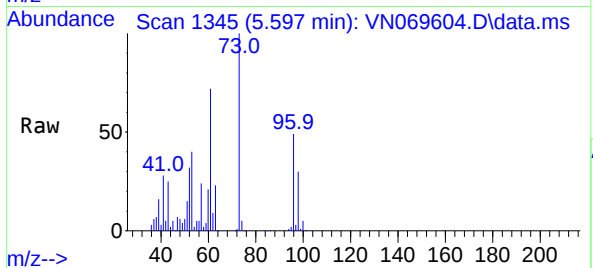
98 61.2 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2021

Supervised By :Mahesh Dadoda 11/23/2021



#20

Diisopropyl ether

Concen: 21.093 ug/l

RT: 6.498 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VN069604.D

Acq: 22 Nov 2021 12:38

Tgt Ion: 45 Resp: 844265

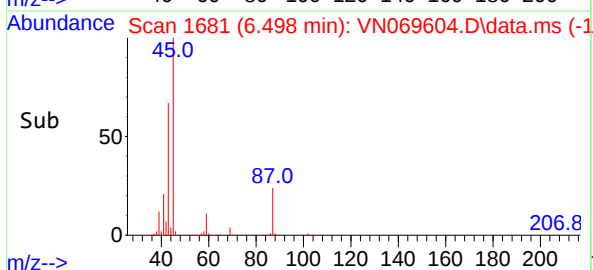
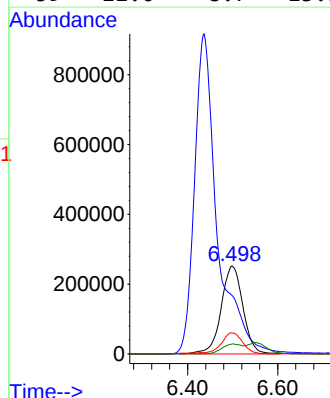
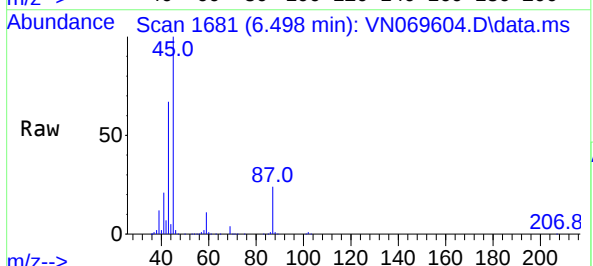
Ion Ratio Lower Upper

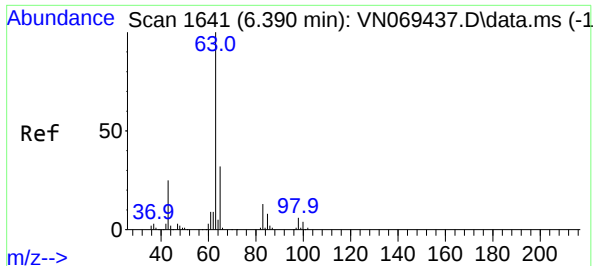
45 100

43 64.2 51.0 76.4

87 23.8 25.0 37.4#

59 11.0 8.7 13.1





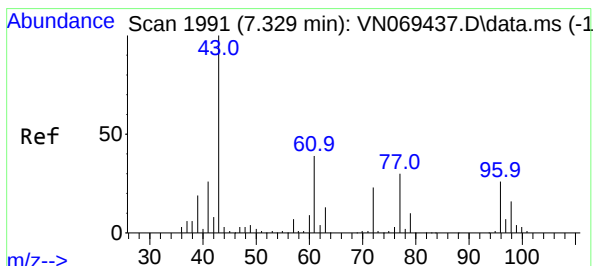
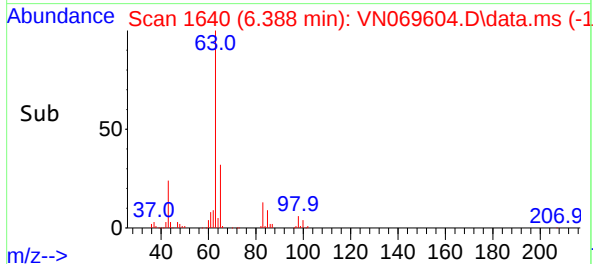
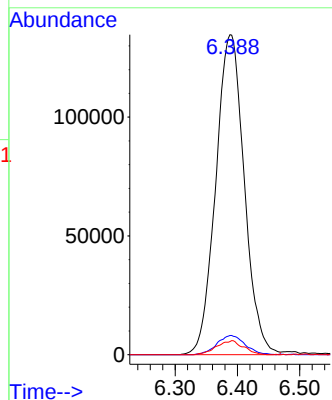
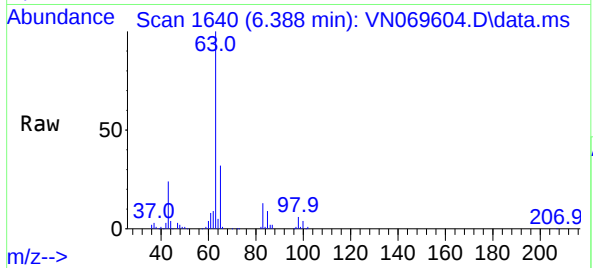
#21
1,1-Dichloroethane
Concen: 21.098 ug/l
RT: 6.388 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

Tgt Ion: 63 Resp: 42842
Ion Ratio Lower Upper
63 100
98 6.0 3.2 9.6
100 4.1 2.1 6.2

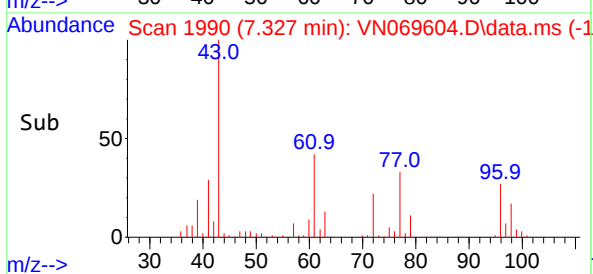
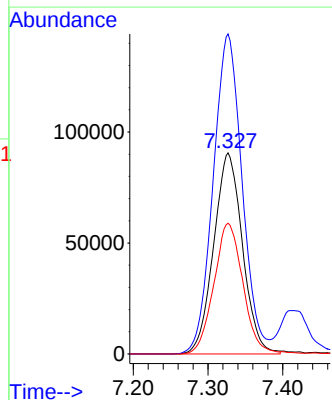
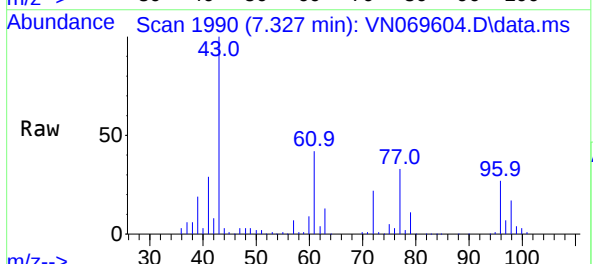
Manual Integrations
APPROVED

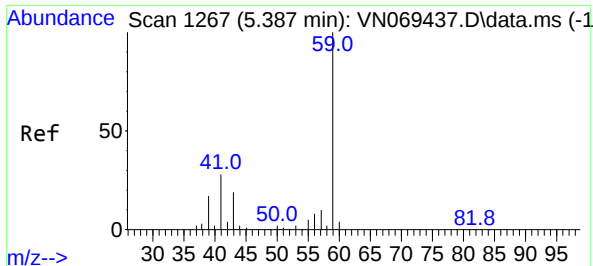
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#22
cis-1,2-Dichloroethene
Concen: 20.273 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.002 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

Tgt Ion: 96 Resp: 242505
Ion Ratio Lower Upper
96 100
61 159.3 115.7 173.5
98 65.3 51.6 77.4





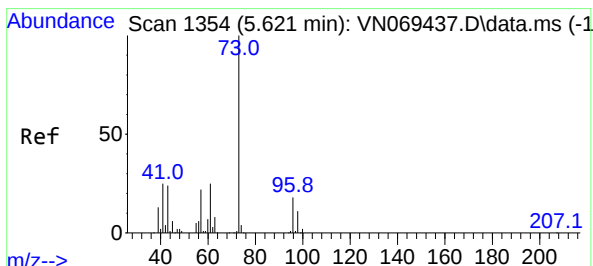
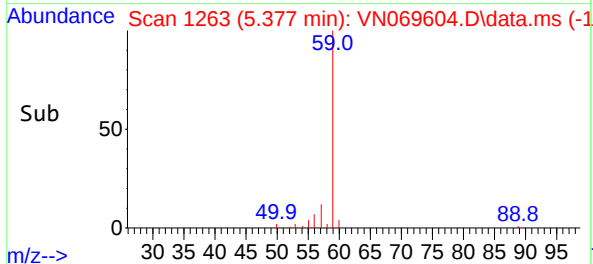
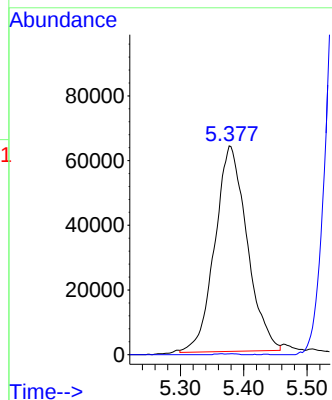
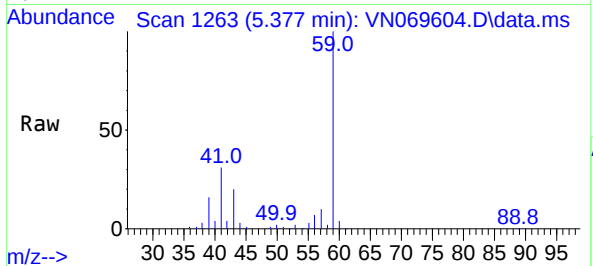
#23
tert-Butyl Alcohol
Concen: 93.275 ug/l
RT: 5.377 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

Tgt Ion: 59 Resp: 224160
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

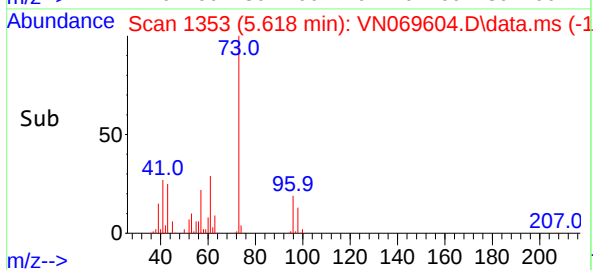
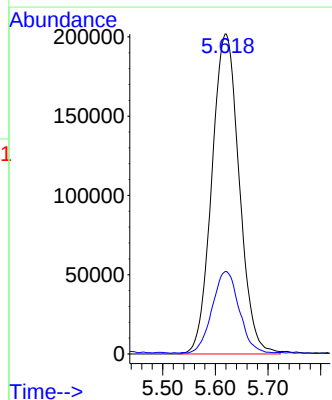
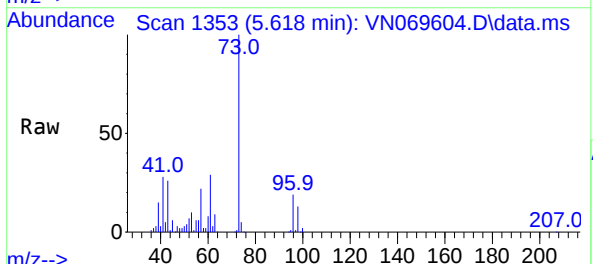
Manual Integrations
APPROVED

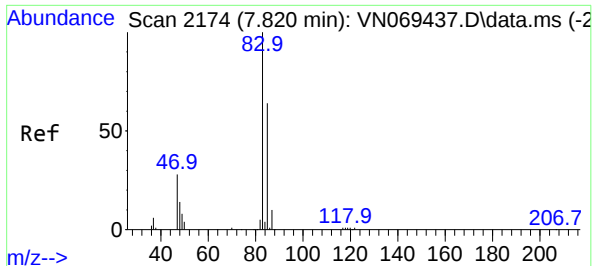
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#24
Methyl tert-Butyl Ether
Concen: 20.719 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. -0.002 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

Tgt Ion: 73 Resp: 729777
Ion Ratio Lower Upper
73 100
43 25.0 18.1 27.1





#25

Chloroform

Concen: 20.844 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN069604.D

Acq: 22 Nov 2021 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBS01

Tgt Ion: 83 Resp: 43764

Ion Ratio Lower Upper

83 100

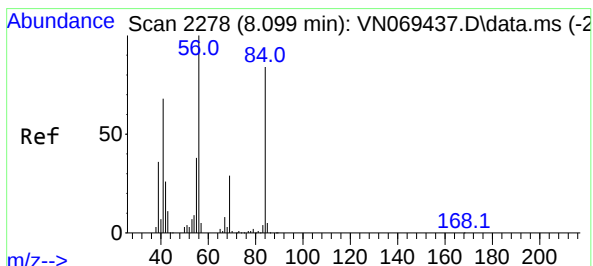
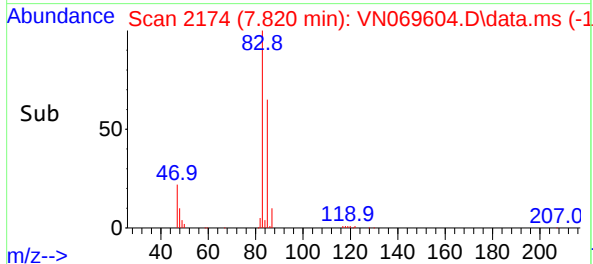
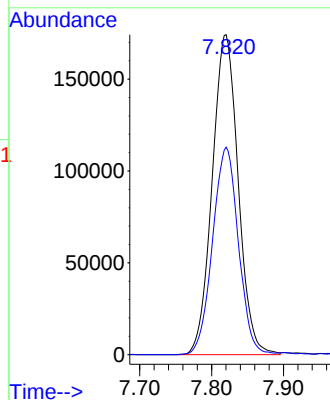
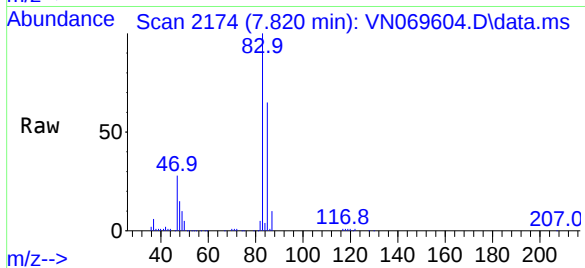
85 64.7 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2021

Supervised By :Mahesh Dadoda 11/23/2021



#26

Cyclohexane

Concen: 21.295 ug/l

RT: 8.096 min Scan# 2277

Delta R.T. -0.002 min

Lab File: VN069604.D

Acq: 22 Nov 2021 12:38

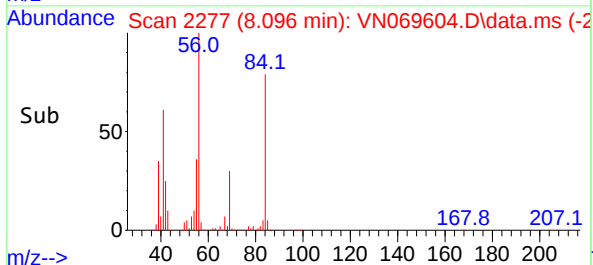
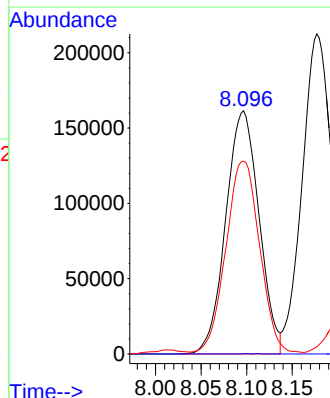
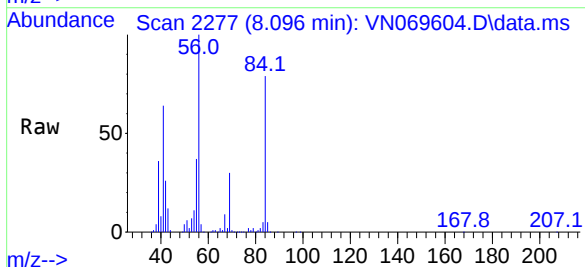
Tgt Ion: 56 Resp: 410556

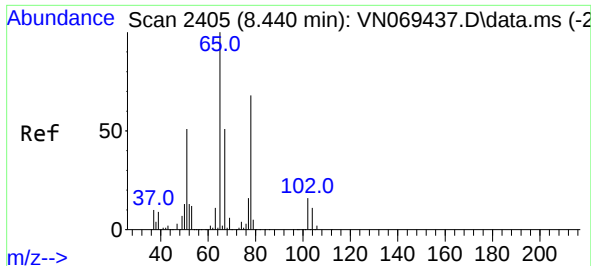
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

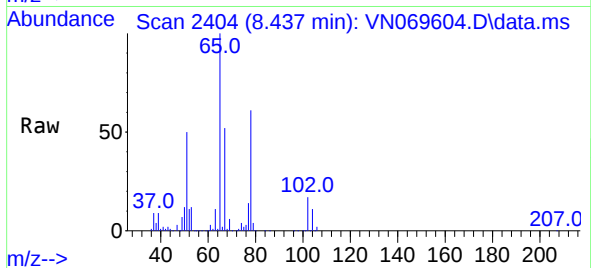
84 79.2 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 31.347 ug/l
RT: 8.437 min Scan# 2405
Delta R.T. -0.002 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

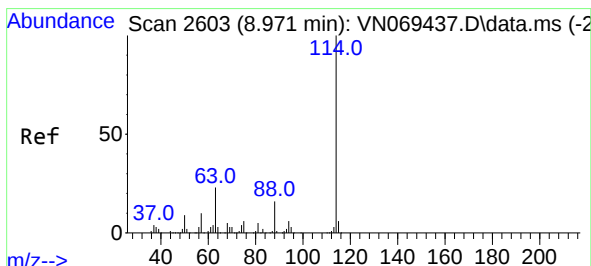
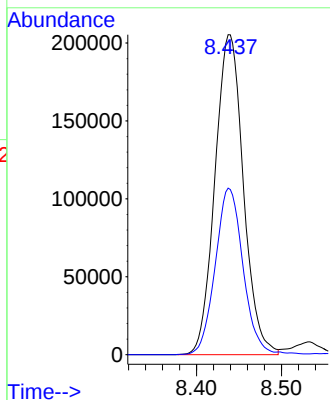
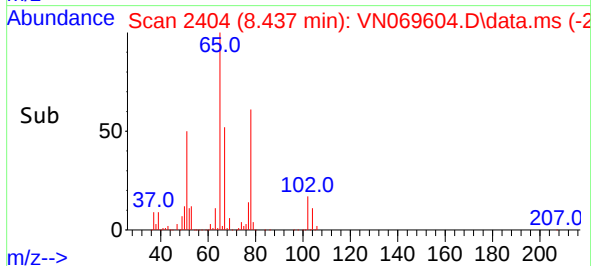
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



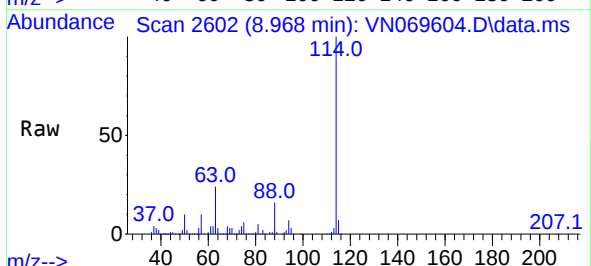
Tgt Ion: 65 Resp: 478124
Ion Ratio Lower Upper
65 100
67 50.6 40.2 60.2

Manual Integrations
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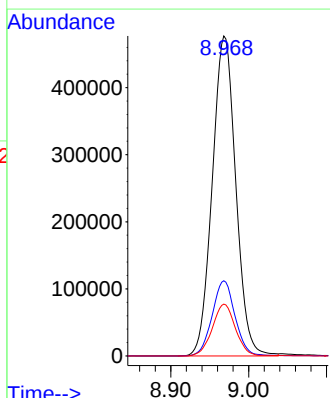
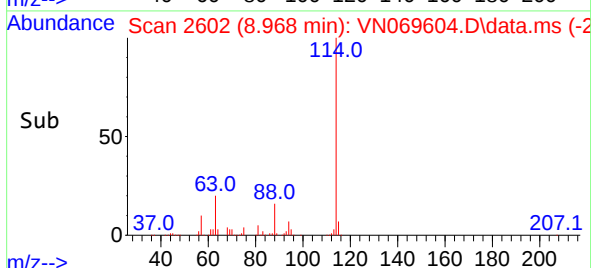
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

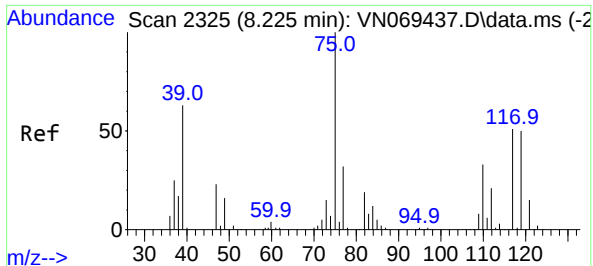


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.002 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38



Tgt Ion:114 Resp: 998496
Ion Ratio Lower Upper
114 100
63 23.0 15.8 23.6
88 15.9 11.6 17.4





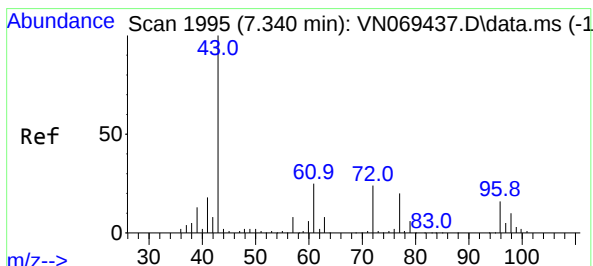
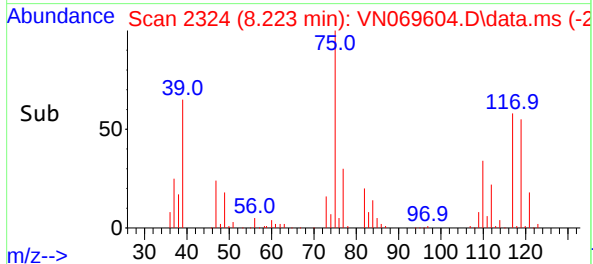
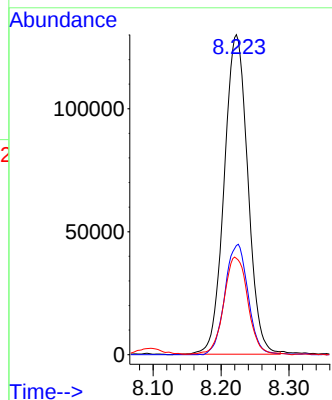
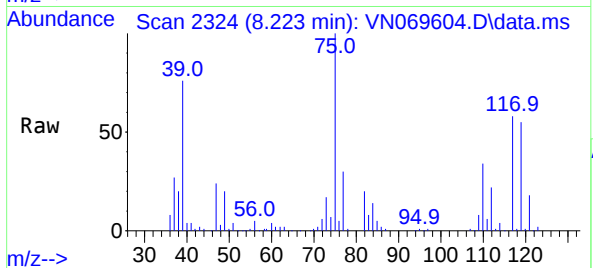
#29
1,1-Dichloropropene
Concen: 20.574 ug/l
RT: 8.223 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

Tgt Ion: 75 Resp: 31359
Ion Ratio Lower Upper
75 100
110 33.8 0.0 74.2
77 30.7 0.0 63.2

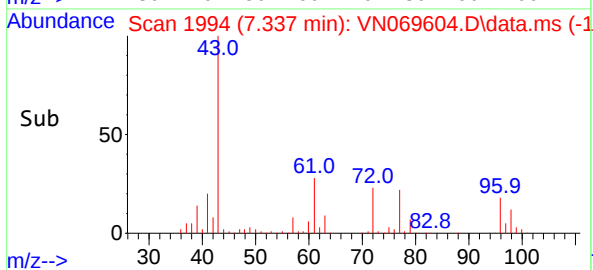
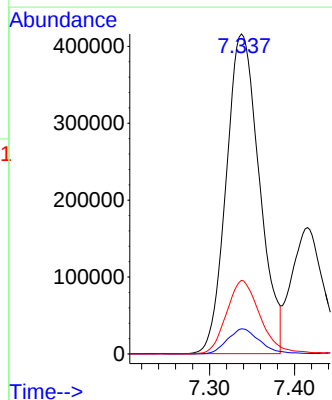
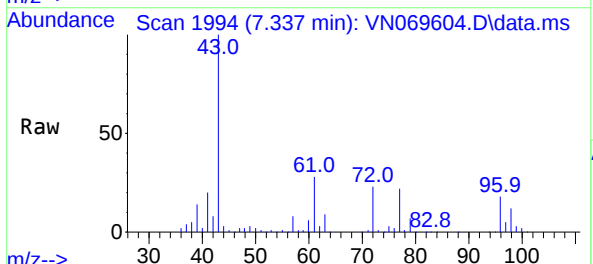
Manual Integrations
APPROVED

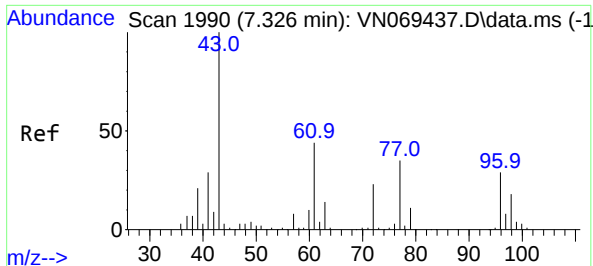
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#30
2-Butanone
Concen: 102.107 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

Tgt Ion: 43 Resp: 1126501
Ion Ratio Lower Upper
43 100
57 7.7 6.7 10.1
72 23.4 23.2 34.8





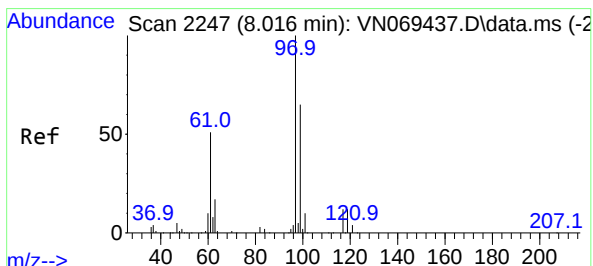
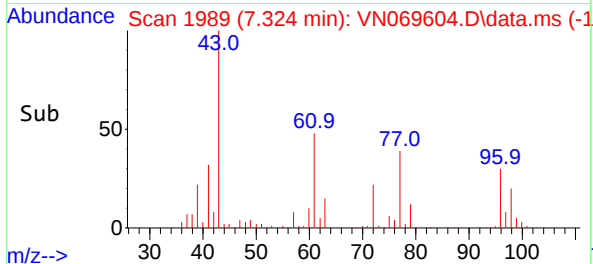
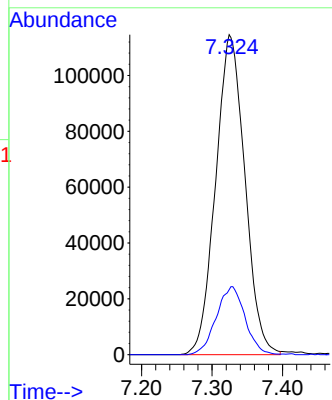
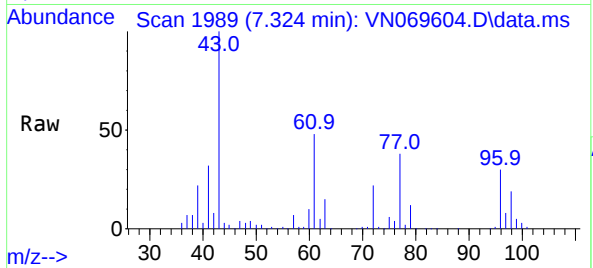
#31
2,2-Dichloropropane
Concen: 20.476 ug/l
RT: 7.324 min Scan# 1990
Delta R.T. -0.005 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

Tgt Ion: 77 Resp: 32994
Ion Ratio Lower Upper
77 100
97 20.9 18.3 27.5

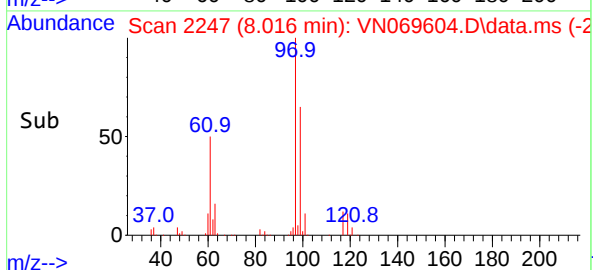
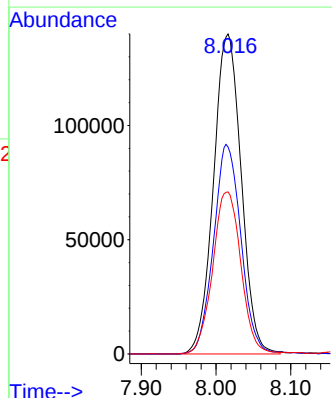
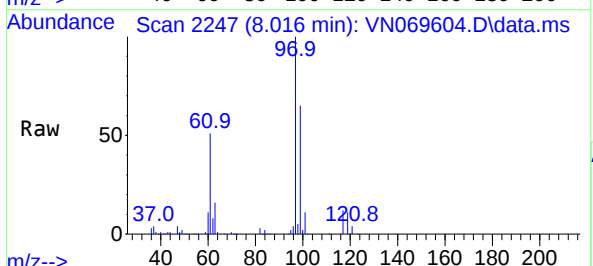
Manual Integrations
APPROVED

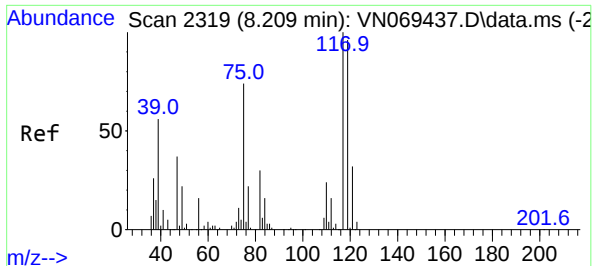
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#32
1,1,1-Trichloroethane
Concen: 20.280 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

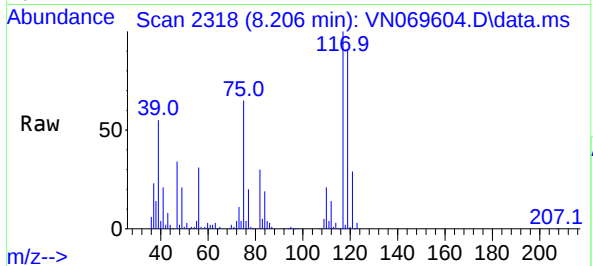
Tgt Ion: 97 Resp: 360864
Ion Ratio Lower Upper
97 100
99 65.0 50.4 75.6
61 51.6 34.6 51.8





#33
Carbon Tetrachloride
Concen: 20.657 ug/l
RT: 8.206 min Scan# 2117
Delta R.T. -0.002 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

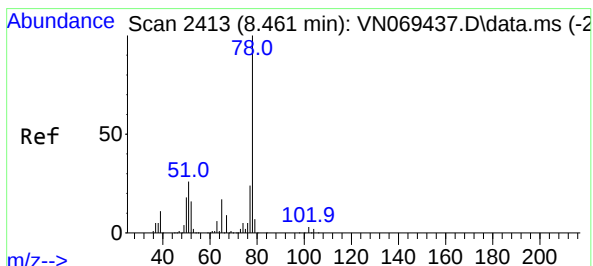
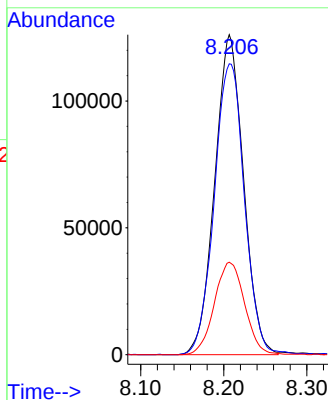
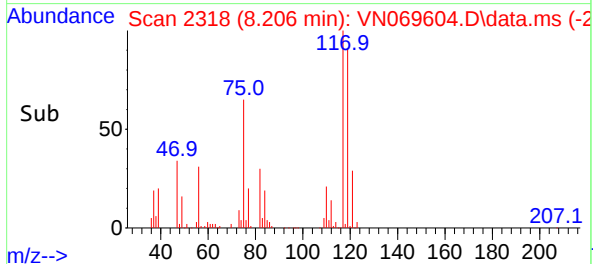
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



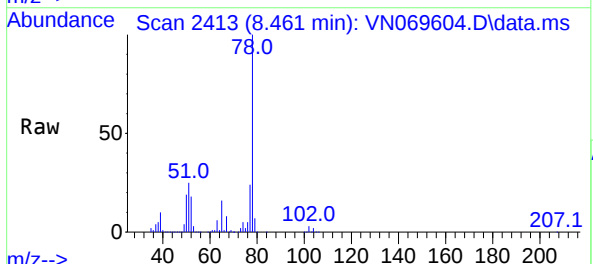
Tgt Ion:117 Resp: 303579
Ion Ratio Lower Upper
117 100
119 90.9 77.5 116.3
121 28.9 23.5 35.3

Manual Integrations
APPROVED

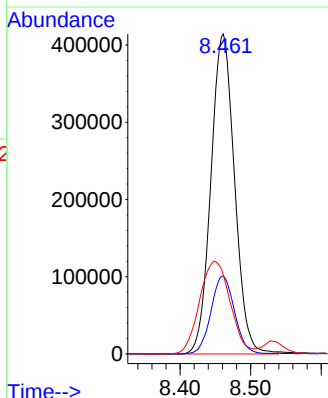
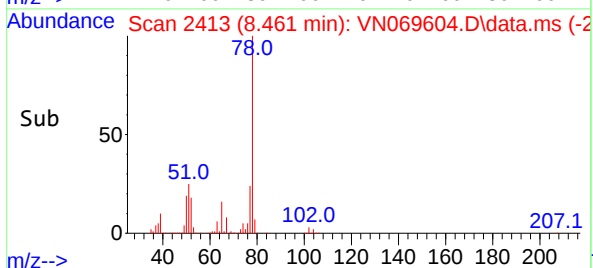
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

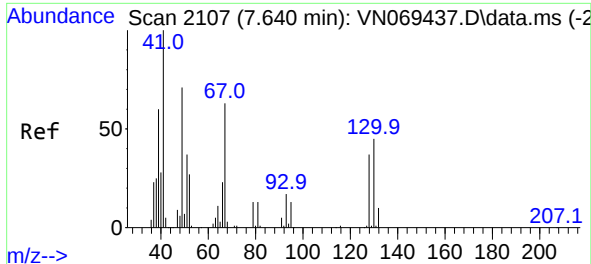


#34
Benzene
Concen: 20.825 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38



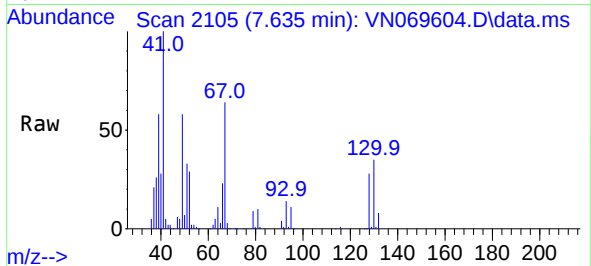
Tgt Ion: 78 Resp: 965274
Ion Ratio Lower Upper
78 100
77 24.3 19.1 28.7
51 24.3 16.0 24.0#





#35
Methacrylonitrile
Concen: 20.063 ug/l
RT: 7.635 min Scan# 2107
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

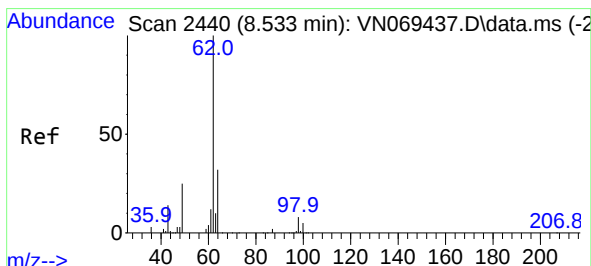
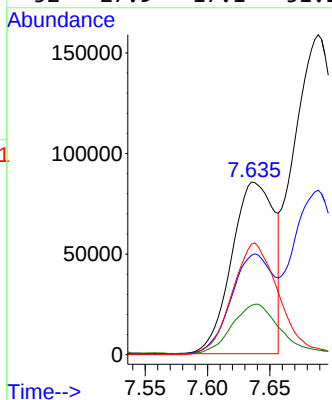
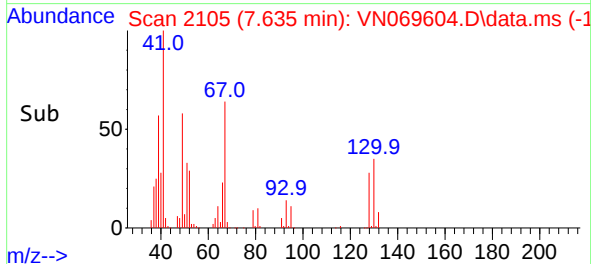
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



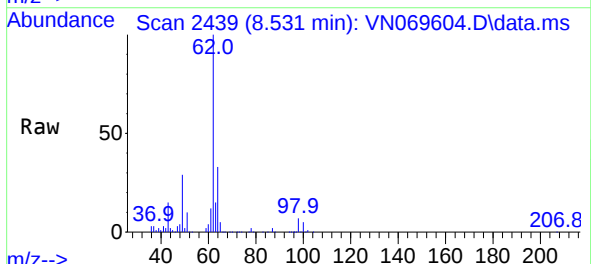
Tgt Ion: 41 Resp: 203009
Ion Ratio Lower Upper
41 100
39 57.2 28.0 83.9
67 64.4 37.7 113.1
52 27.9 17.1 51.2

Manual Integrations
APPROVED

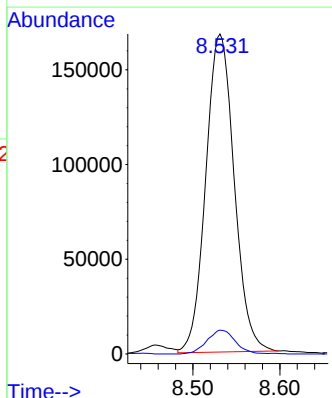
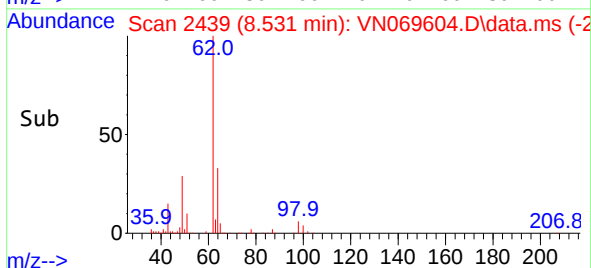
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

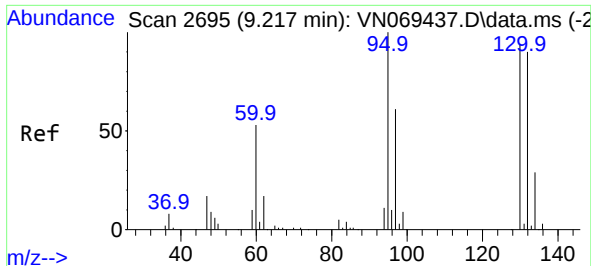


#36
1,2-Dichloroethane
Concen: 21.336 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.002 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38



Tgt Ion: 62 Resp: 381267
Ion Ratio Lower Upper
62 100
98 7.4 6.6 10.0





#37

Trichloroethene

Concen: 20.523 ug/l

RT: 9.215 min Scan# 2695

Delta R.T. -0.002 min

Lab File: VN069604.D

Acq: 22 Nov 2021 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBS01

Tgt Ion:130 Resp: 229815

Ion Ratio Lower Upper

130 100

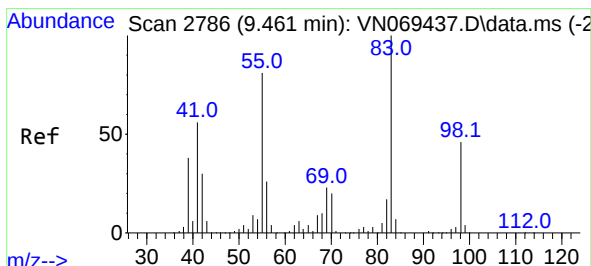
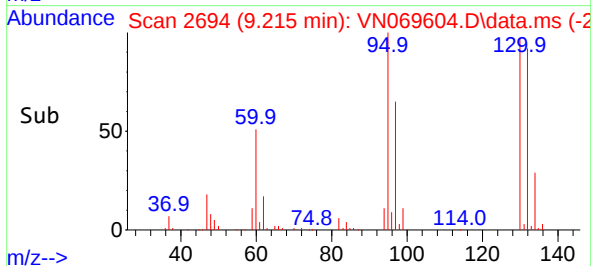
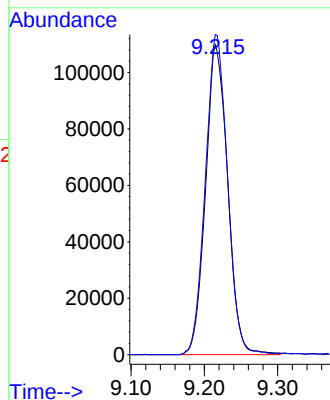
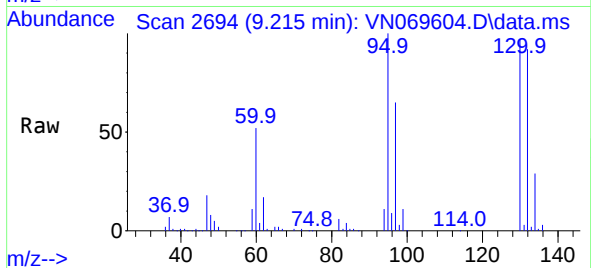
95 103.2 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2021

Supervised By :Mahesh Dadoda 11/23/2021



#38

Methylcyclohexane

Concen: 20.690 ug/l

RT: 9.462 min Scan# 2786

Delta R.T. 0.000 min

Lab File: VN069604.D

Acq: 22 Nov 2021 12:38

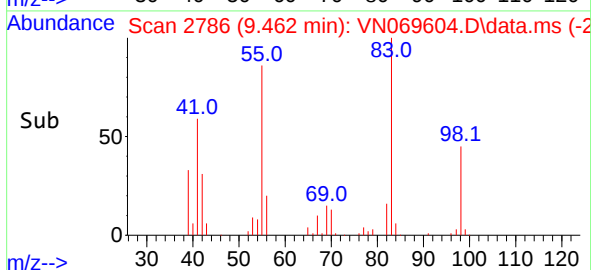
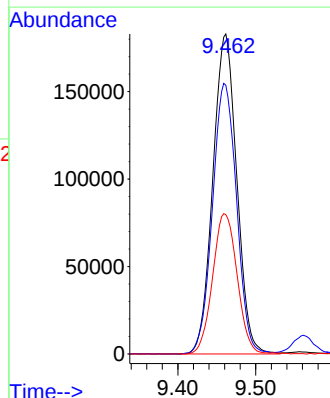
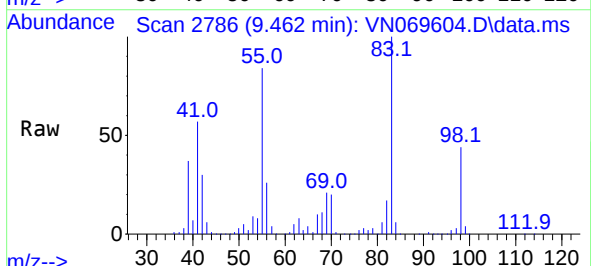
Tgt Ion: 83 Resp: 390155

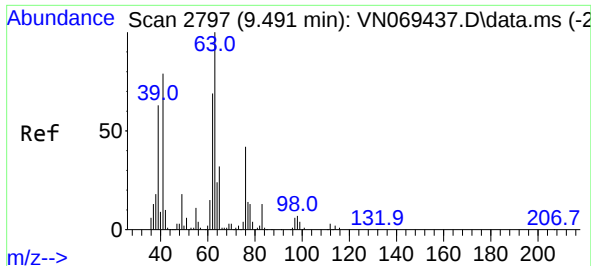
Ion Ratio Lower Upper

83 100

55 85.2 35.1 105.3

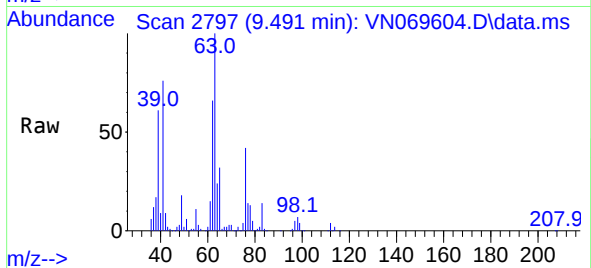
98 44.9 23.4 70.2





#39
1,2-Dichloropropane
Concen: 21.056 ug/l
RT: 9.491 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

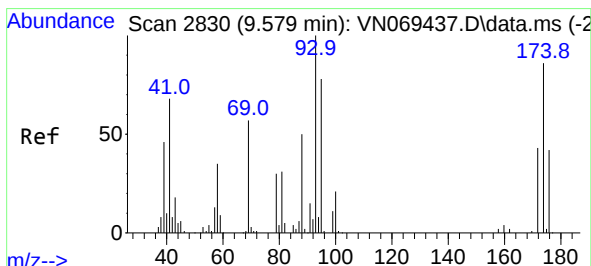
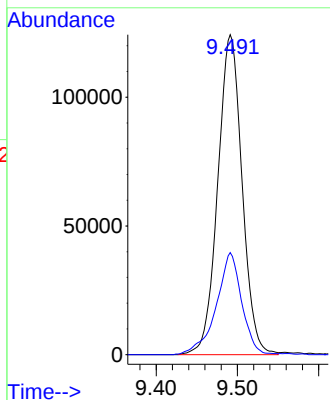
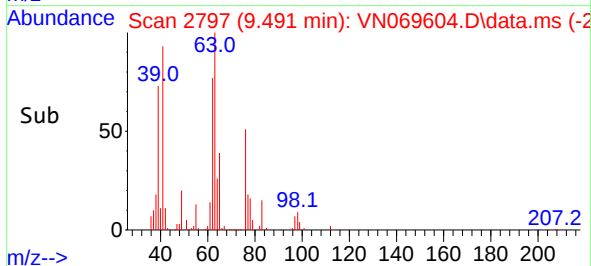
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



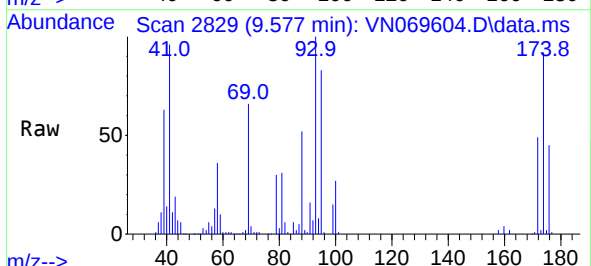
Tgt Ion: 63 Resp: 25848
Ion Ratio Lower Upper
63 100
65 31.7 24.2 36.4

Manual Integrations
APPROVED

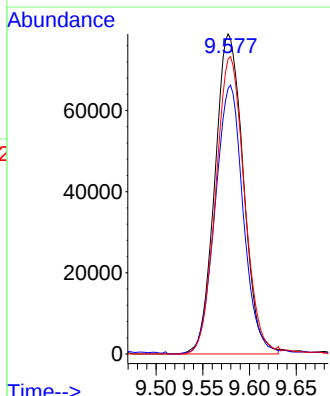
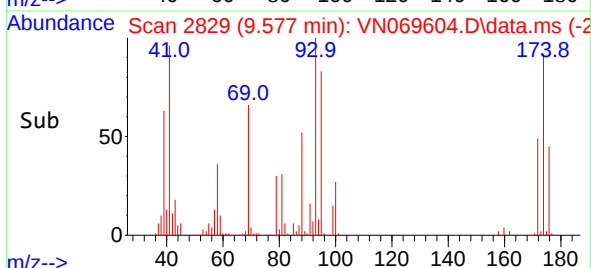
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

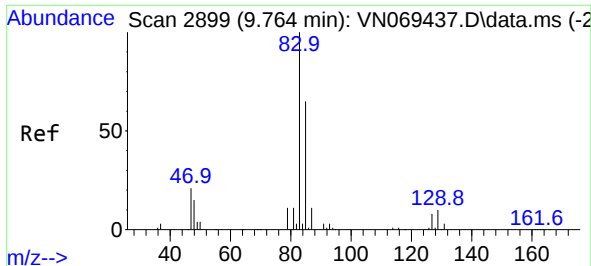


#40
Dibromomethane
Concen: 20.325 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.002 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38



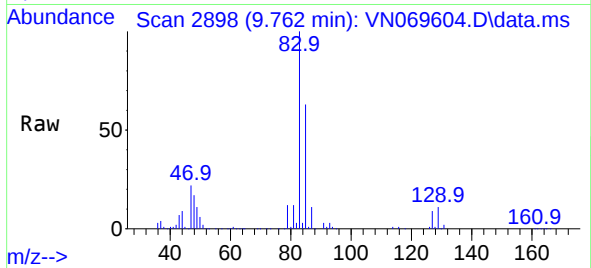
Tgt Ion: 93 Resp: 167107
Ion Ratio Lower Upper
93 100
95 82.8 0.0 168.8
174 93.3 0.0 173.6





#41
Bromodichloromethane
Concen: 20.475 ug/l
RT: 9.762 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

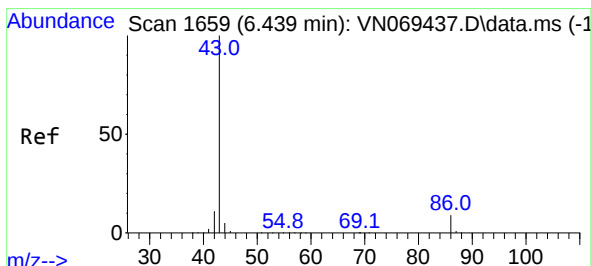
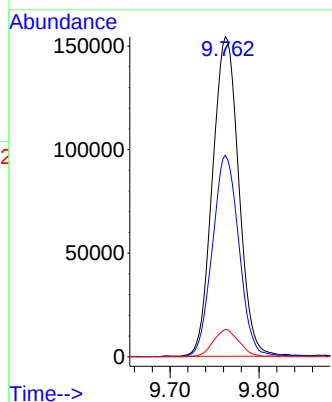
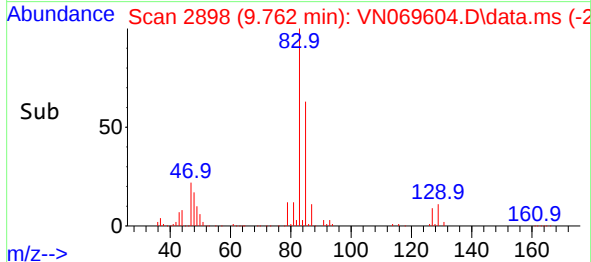
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



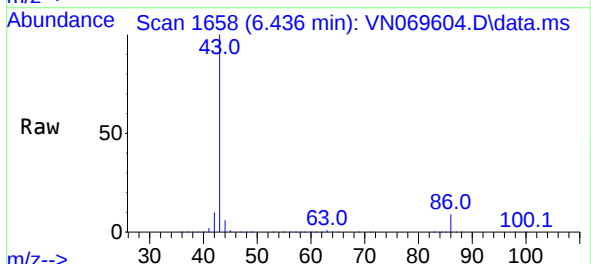
Tgt Ion: 83 Resp: 315970
Ion Ratio Lower Upper
83 100
85 63.0 54.1 81.1
127 8.5 7.6 11.4

Manual Integrations
APPROVED

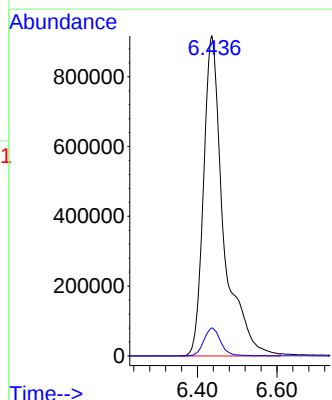
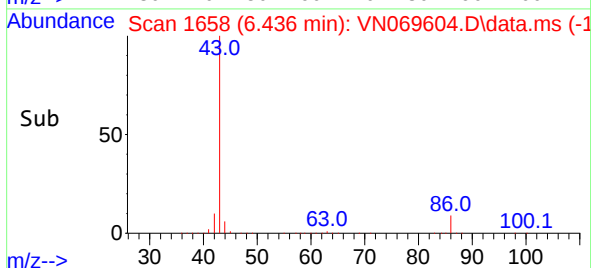
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

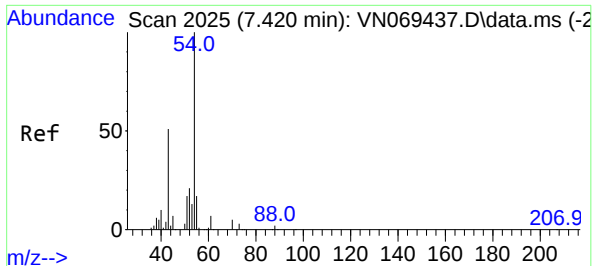


#42
Vinyl Acetate
Concen: 102.716 ug/l
RT: 6.436 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38



Tgt Ion: 43 Resp: 3202504
Ion Ratio Lower Upper
43 100
86 7.4 7.5 11.3#





#43

Ethyl Acetate

Concen: 20.363 ug/l

RT: 7.415 min Scan# 20

Delta R.T. 0.003 min

Lab File: VN069604.D

Acq: 22 Nov 2021 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBS01

Tgt Ion: 43 Resp: 416330

Ion Ratio Lower Upper

43 100

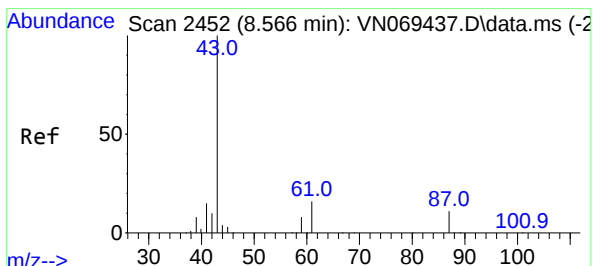
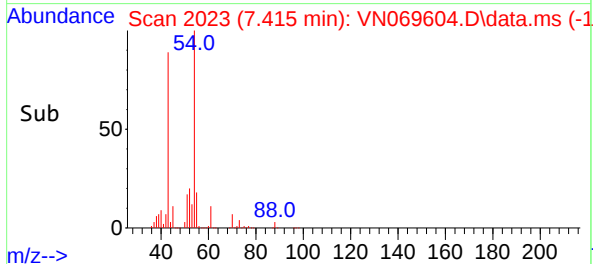
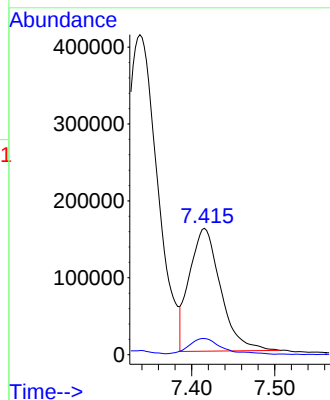
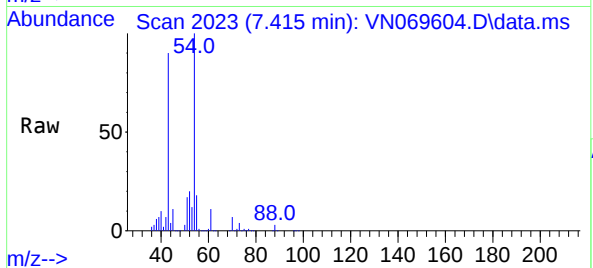
45 11.7 10.6 16.0

Manual Integrations

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Reviewed By :John Carlone 11/23/2021

Supervised By :Mahesh Dadoda 11/23/2021



#44

Isopropyl Acetate

Concen: 20.627 ug/l

RT: 8.560 min Scan# 2450

Delta R.T. 0.000 min

Lab File: VN069604.D

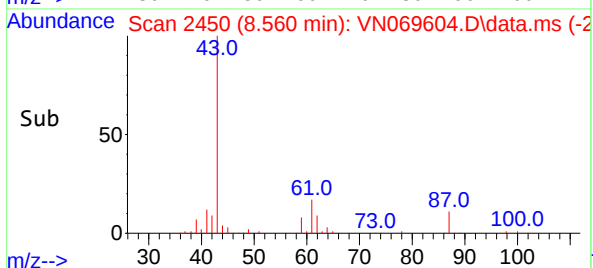
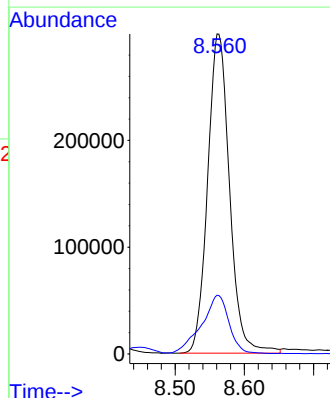
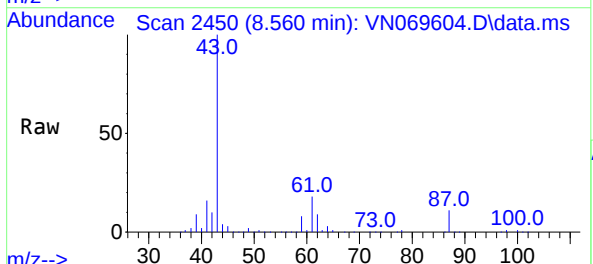
Acq: 22 Nov 2021 12:38

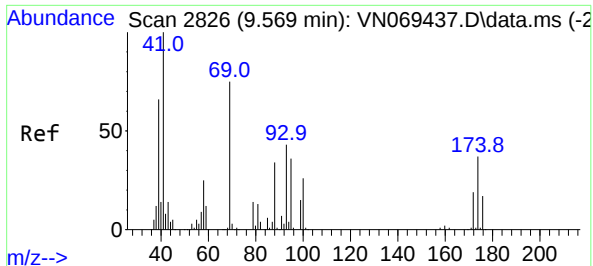
Tgt Ion: 43 Resp: 657491

Ion Ratio Lower Upper

43 100

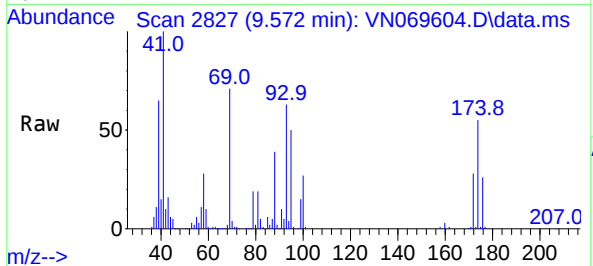
61 23.1 20.1 30.1





#45
1,4-Dioxane
Concen: 381.781 ug/l
RT: 9.572 min Scan# 2827
Delta R.T. 0.003 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

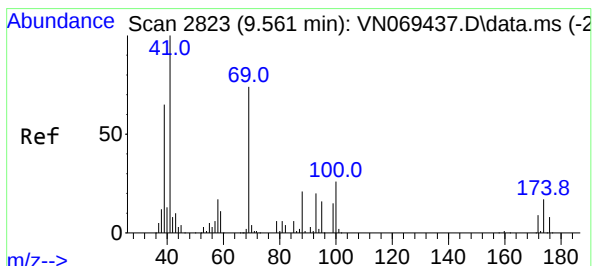
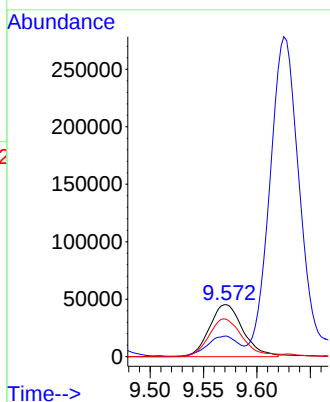
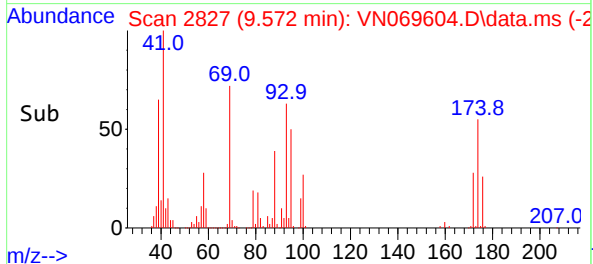
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



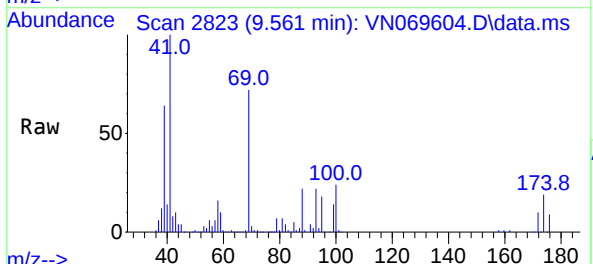
Tgt Ion: 88 Resp: 98780
Ion Ratio Lower Upper
88 100
43 35.2 25.0 37.6
58 73.4 49.4 74.2

Manual Integrations
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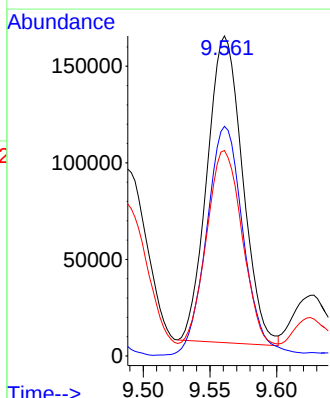
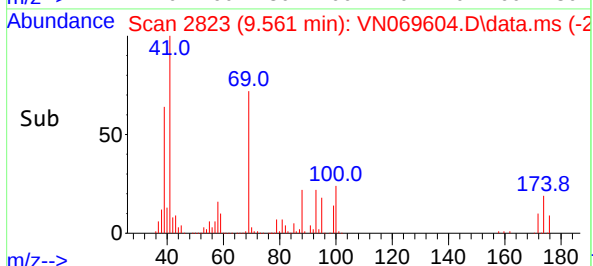
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

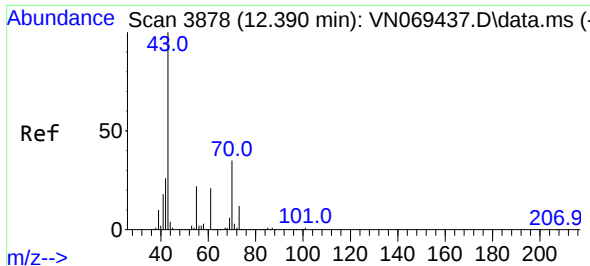


#46
Methyl methacrylate
Concen: 19.971 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38



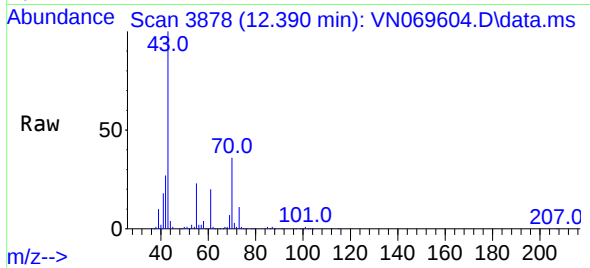
Tgt Ion: 41 Resp: 293187
Ion Ratio Lower Upper
41 100
69 74.2 44.4 133.2
39 63.6 39.9 119.6





#47
n-amyl acetate
Concen: 16.494 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

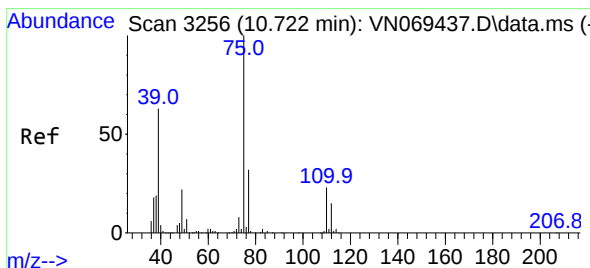
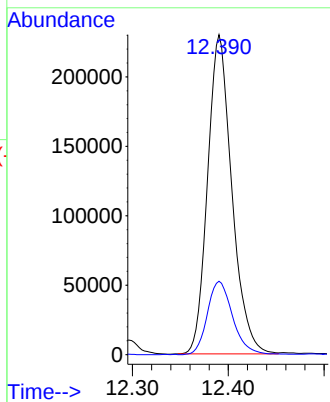
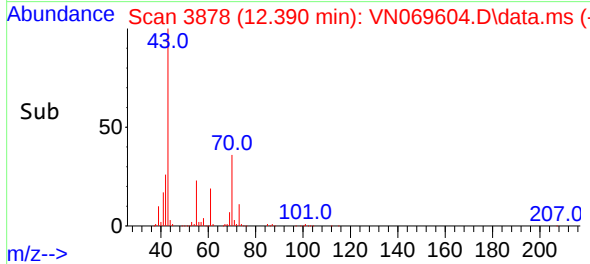
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



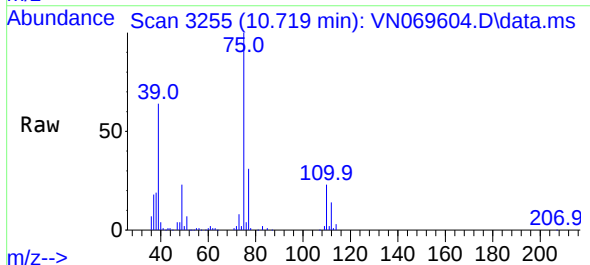
Tgt Ion: 43 Resp: 403719
Ion Ratio Lower Upper
43 100
55 24.0 19.0 28.6

Manual Integrations
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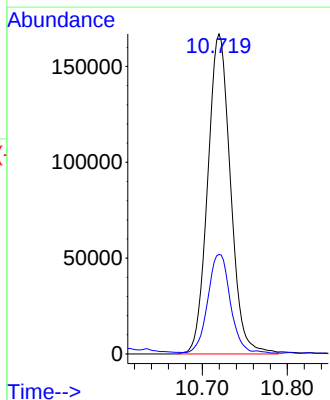
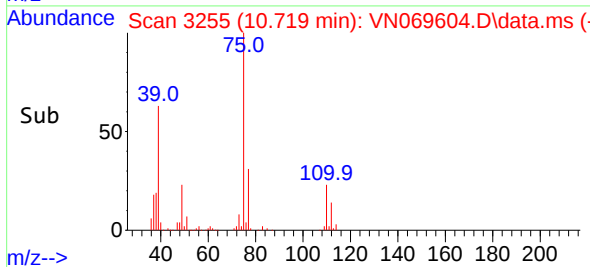
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

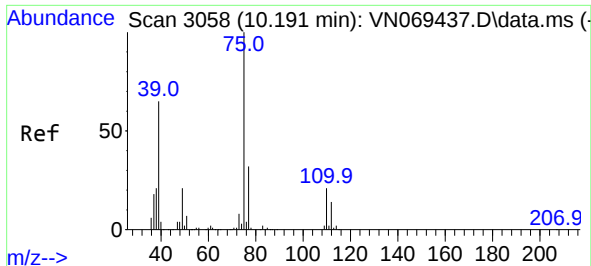


#48
t-1,3-Dichloropropene
Concen: 18.810 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38



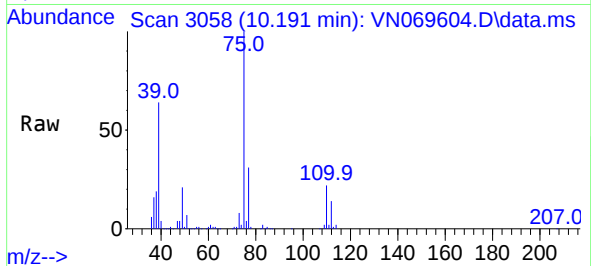
Tgt Ion: 75 Resp: 311516
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 20.066 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

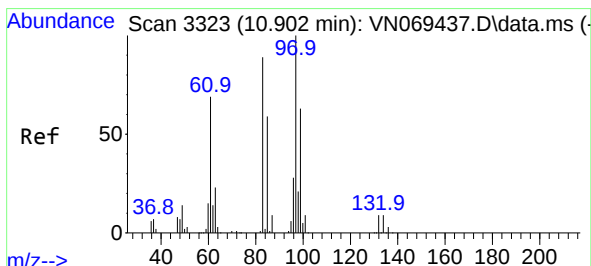
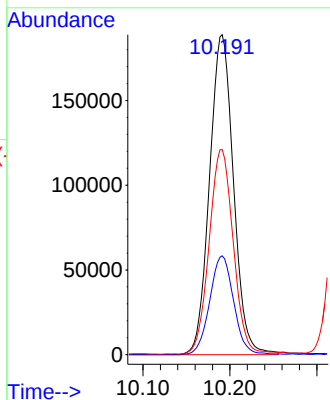
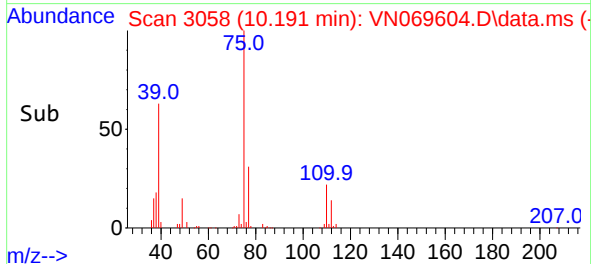
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



Tgt Ion: 75 Resp: 361623
Ion Ratio Lower Upper
75 100
77 30.9 25.3 37.9
39 63.9 46.2 69.4

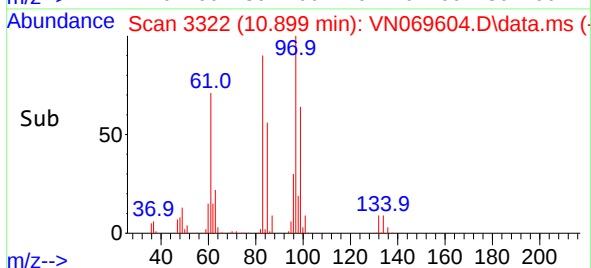
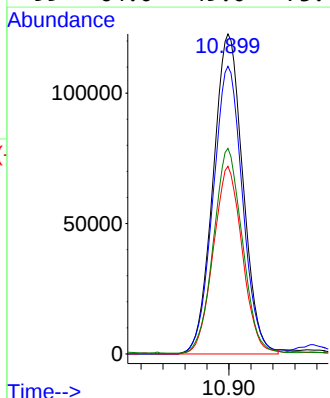
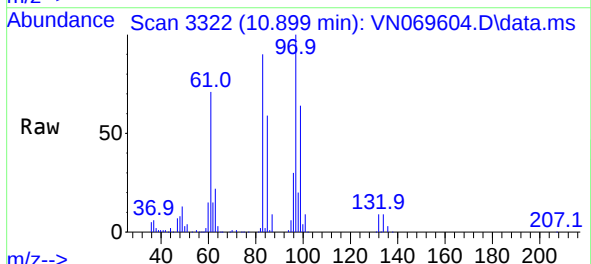
Manual Integrations
APPROVED

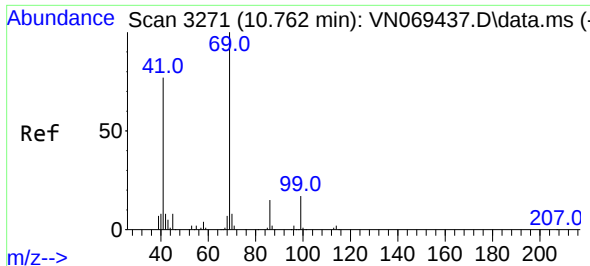
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#50
1,1,2-Trichloroethane
Concen: 19.765 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

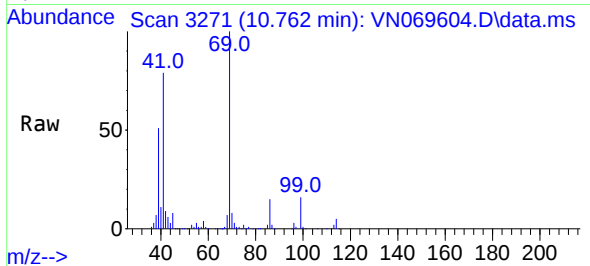
Tgt Ion: 97 Resp: 230753
Ion Ratio Lower Upper
97 100
83 89.9 67.2 100.8
85 58.7 43.0 64.4
99 64.0 49.0 73.4





#51
Ethyl methacrylate
Concen: 18.791 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

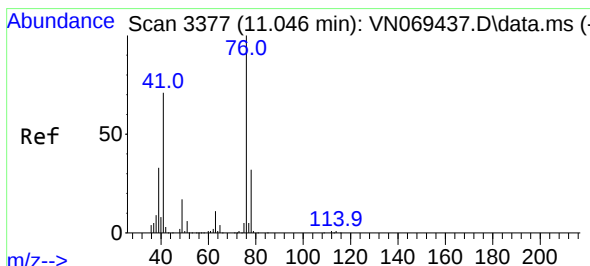
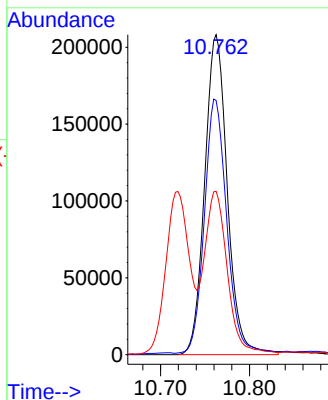
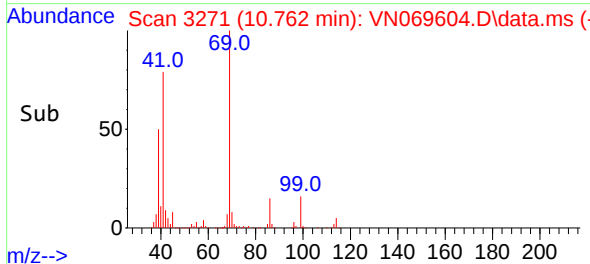
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



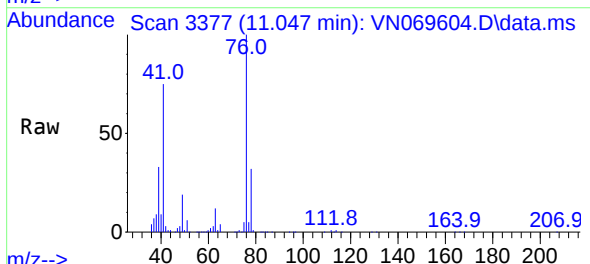
Tgt Ion: 69 Resp: 367820
Ion Ratio Lower Upper
69 100
41 78.9 33.0 98.9
39 50.4 25.4 76.4

Manual Integrations
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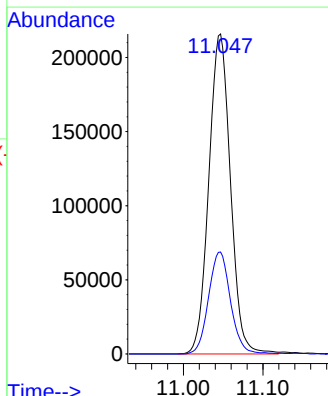
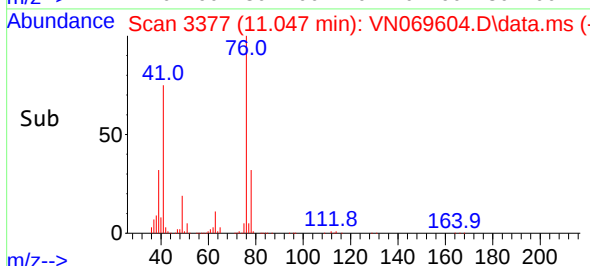
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

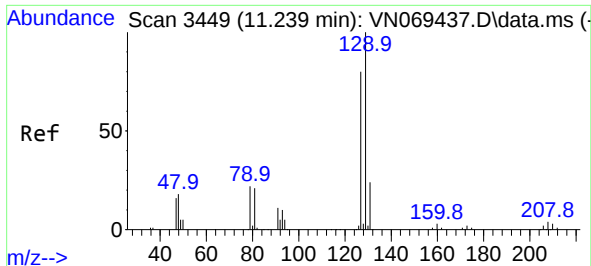


#52
1,3-Dichloropropane
Concen: 20.228 ug/l
RT: 11.047 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38



Tgt Ion: 76 Resp: 407942
Ion Ratio Lower Upper
76 100
78 32.2 0.0 65.4





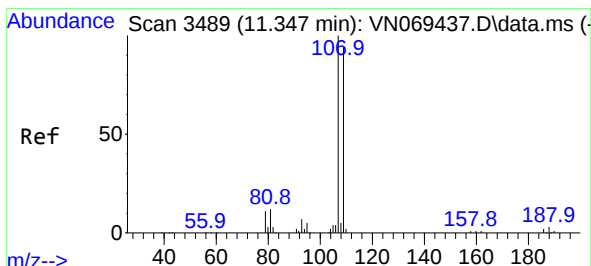
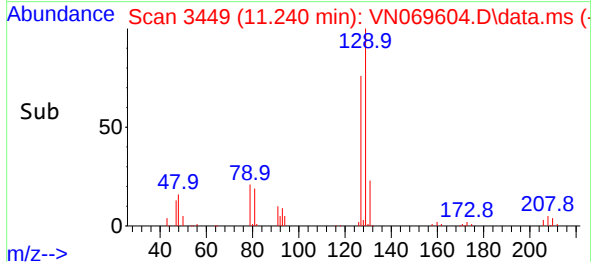
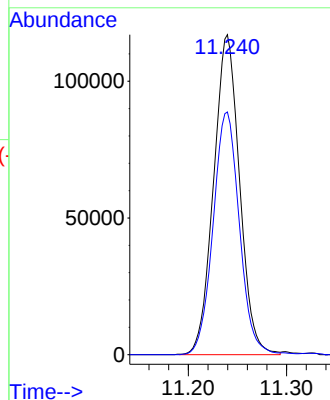
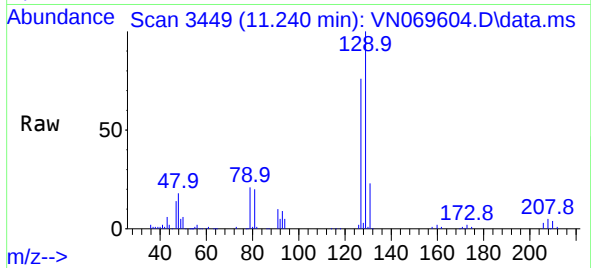
#53
Dibromochloromethane
Concen: 19.240 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

Tgt Ion:129 Resp: 214650
Ion Ratio Lower Upper
129 100
127 76.6 39.0 117.0

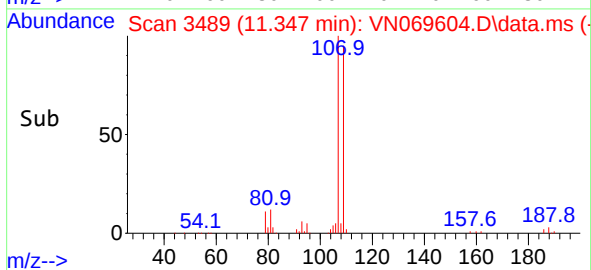
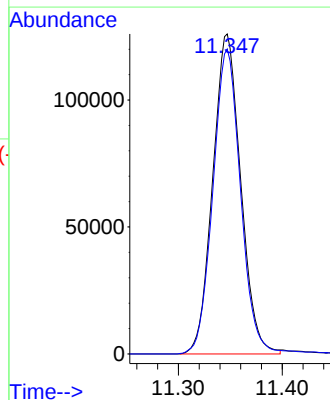
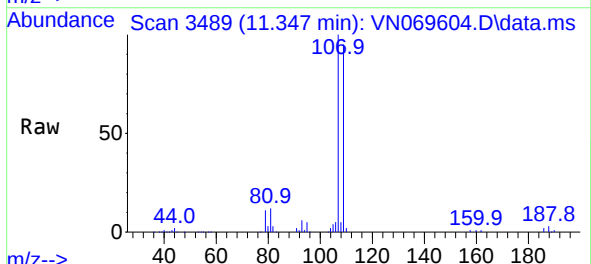
Manual Integrations
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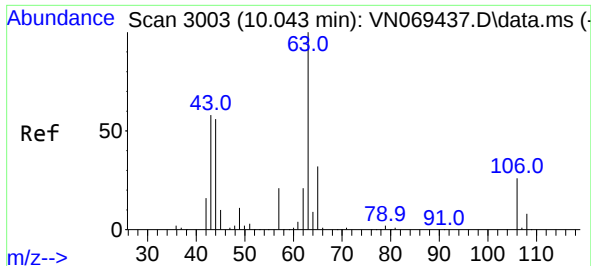
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#54
1,2-Dibromoethane
Concen: 19.482 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

Tgt Ion:107 Resp: 235566
Ion Ratio Lower Upper
107 100
109 94.6 72.8 109.2





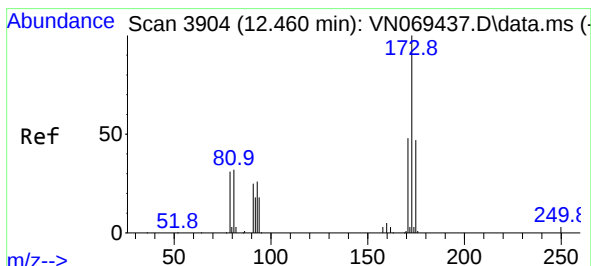
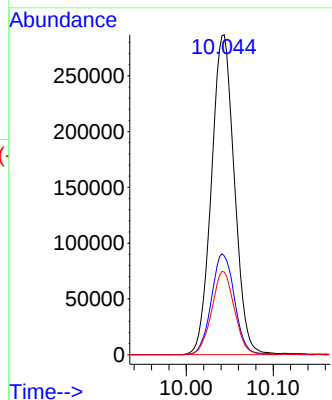
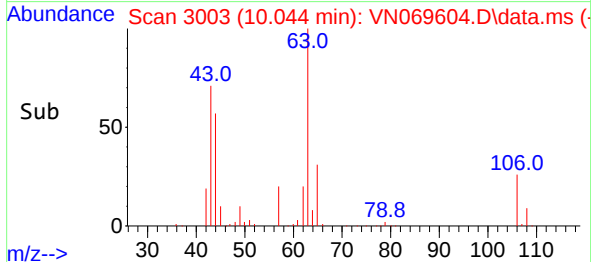
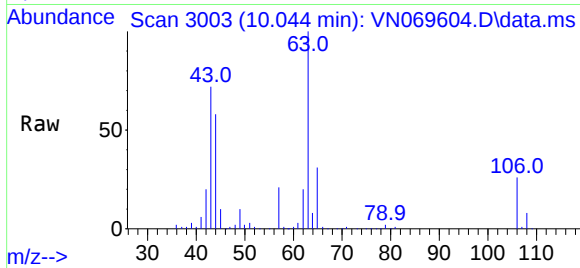
#55
2-Chloroethyl vinyl ether
Concen: 118.105 ug/l
RT: 10.044 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

Tgt Ion: 63 Resp: 525850
Ion Ratio Lower Upper
63 100
65 31.7 25.4 38.0
106 25.8 23.2 34.8

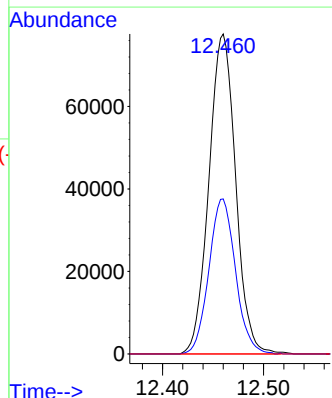
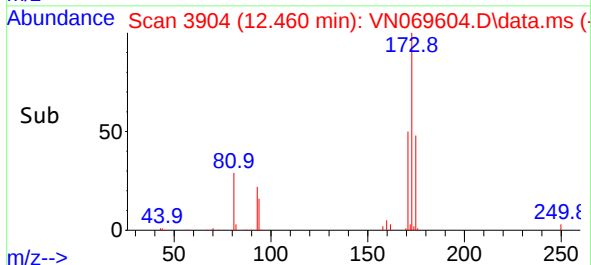
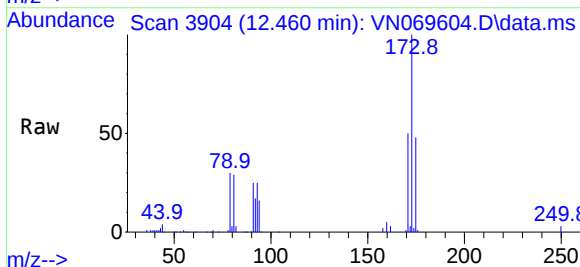
Manual Integrations
APPROVED

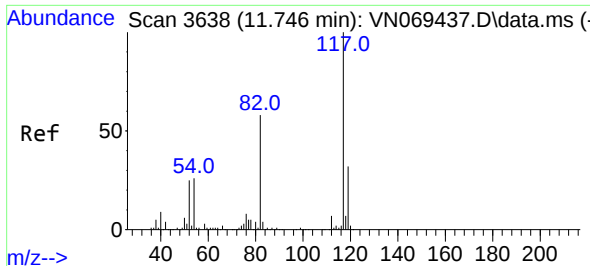
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#56
Bromoform
Concen: 17.836 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

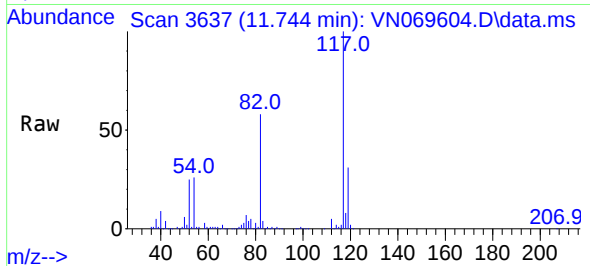
Tgt Ion:173 Resp: 142691
Ion Ratio Lower Upper
173 100
175 48.2 38.6 58.0
254 0.0 0.0 0.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

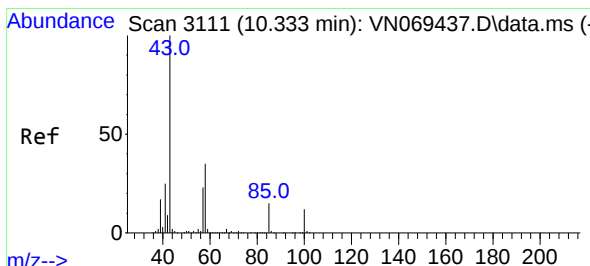
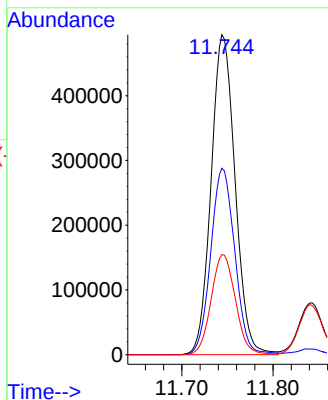
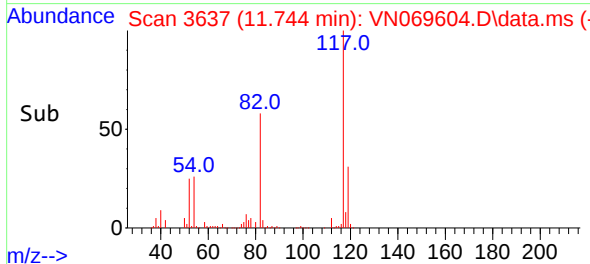
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



Tgt Ion: 117 Resp: 904432
Ion Ratio Lower Upper
117 100
82 58.5 43.6 65.4
119 31.6 25.8 38.6

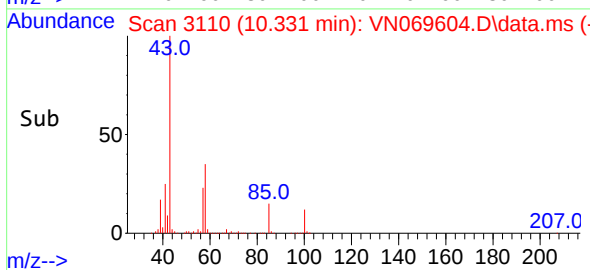
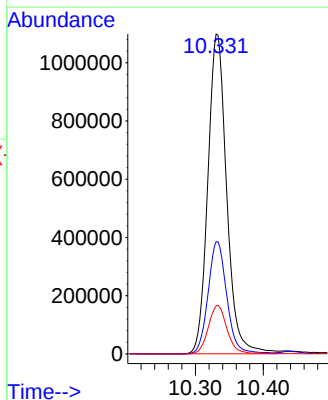
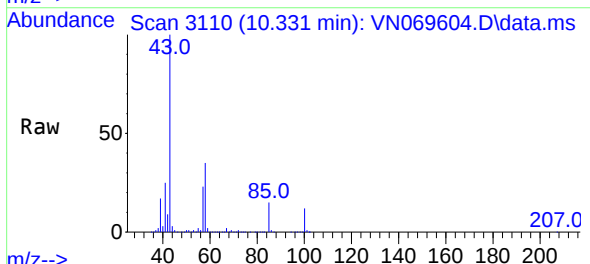
Manual Integrations
APPROVED

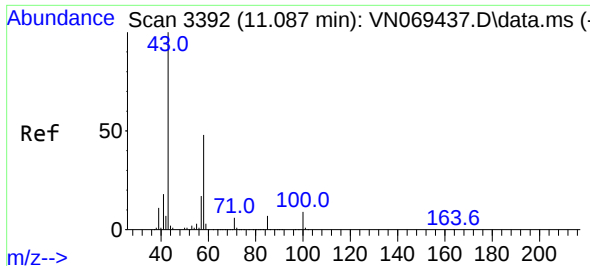
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#58
4-Methyl-2-Pentanone
Concen: 106.441 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

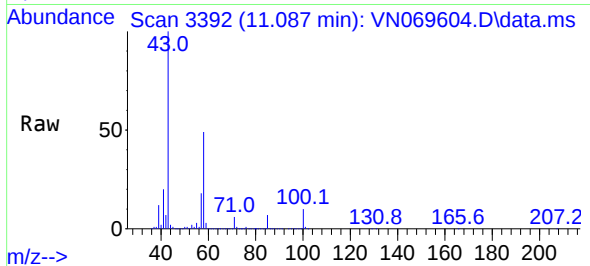
Tgt Ion: 43 Resp: 2113167
Ion Ratio Lower Upper
43 100
58 35.0 30.0 45.0
85 15.0 15.0 22.6#





#59
2-Hexanone
Concen: 98.828 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

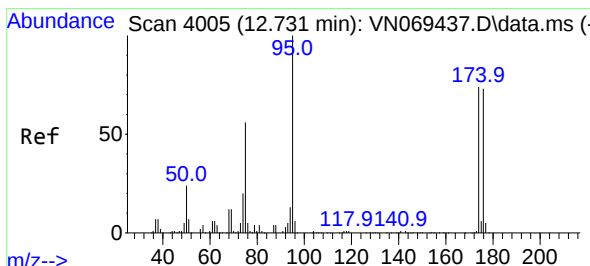
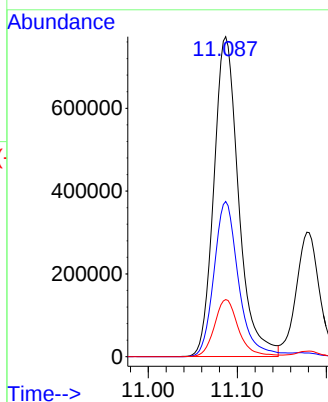
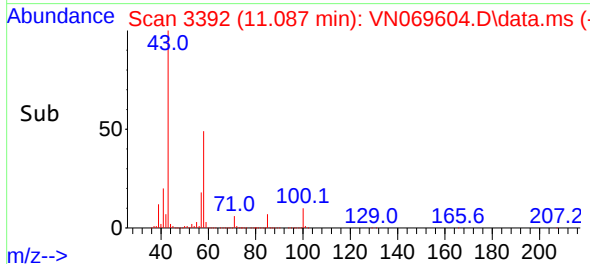
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



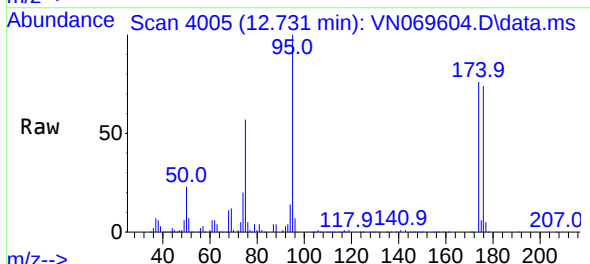
Tgt Ion: 43 Resp: 1492450
Ion Ratio Lower Upper
43 100
58 48.4 42.2 63.2
57 17.6 15.0 22.4

Manual Integrations
APPROVED

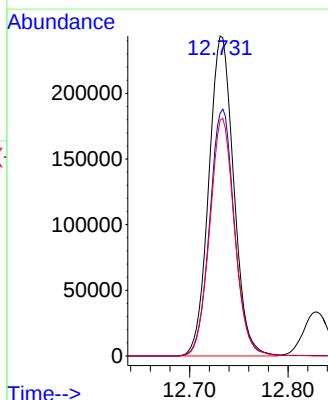
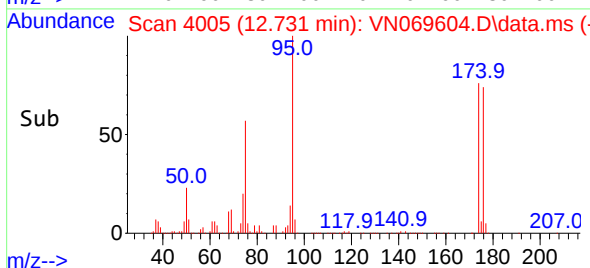
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

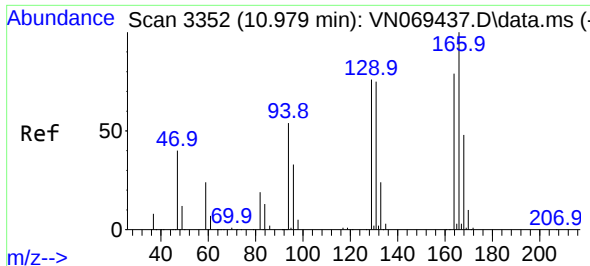


#60
4-Bromofluorobenzene
Concen: 29.685 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.002 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38



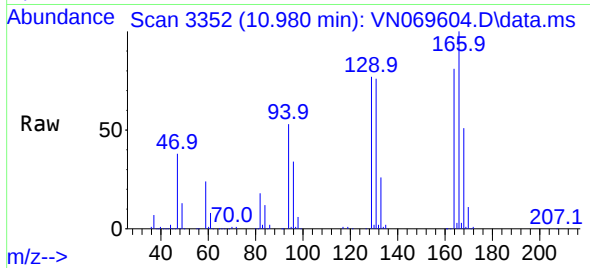
Tgt Ion: 95 Resp: 429640
Ion Ratio Lower Upper
95 100
174 76.9 62.9 94.3
176 73.9 61.0 91.4





#61
Tetrachloroethene
Concen: 21.585 ug/l
RT: 10.980 min Scan# 3112
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

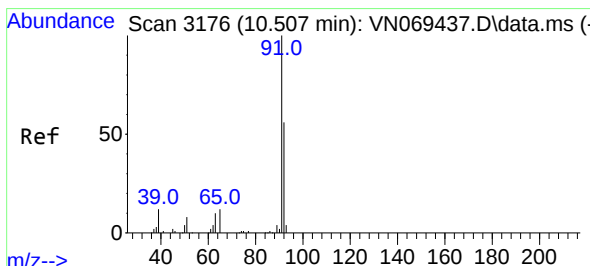
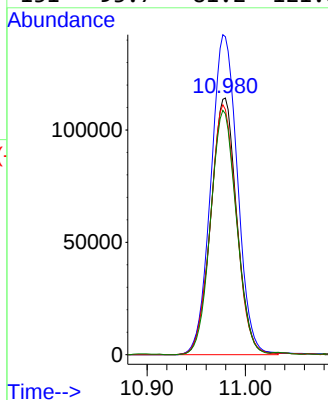
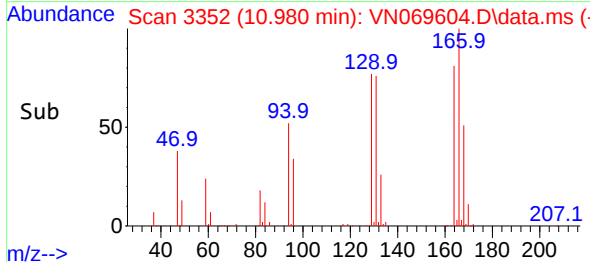
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



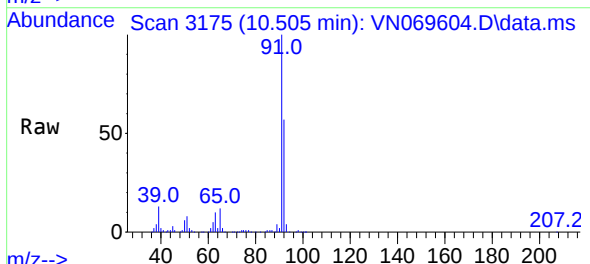
Tgt Ion:164 Resp: 209528
Ion Ratio Lower Upper
164 100
166 123.9 105.8 158.8
129 95.3 82.5 123.7
131 93.7 81.2 121.8

Manual Integrations
APPROVED

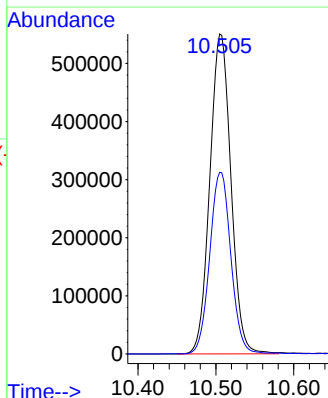
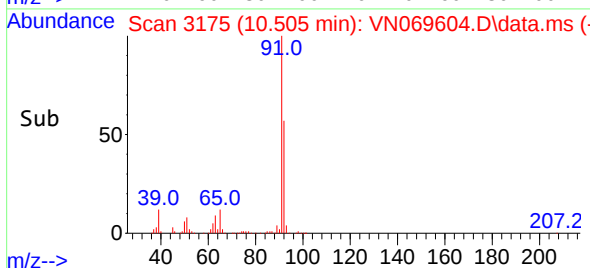
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

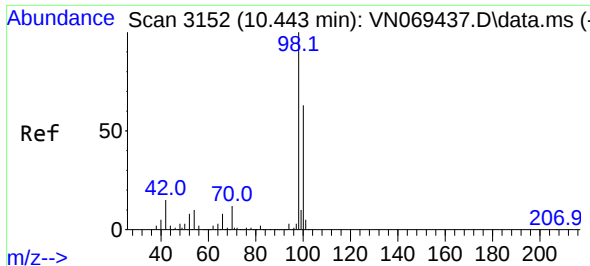


#62
Toluene
Concen: 20.858 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38



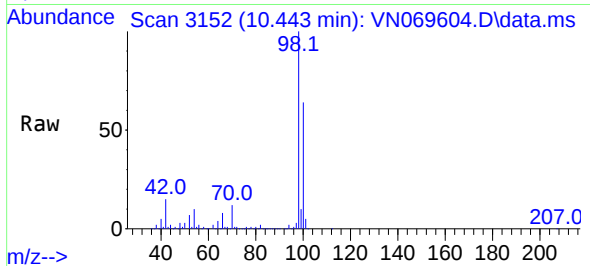
Tgt Ion: 91 Resp: 1036626
Ion Ratio Lower Upper
91 100
92 56.7 44.6 67.0





#63
Toluene-d8
Concen: 30.631 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

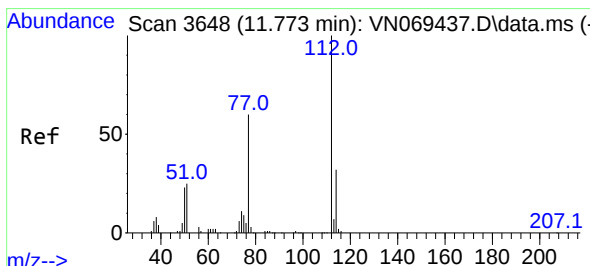
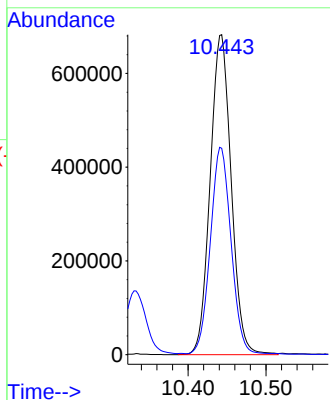
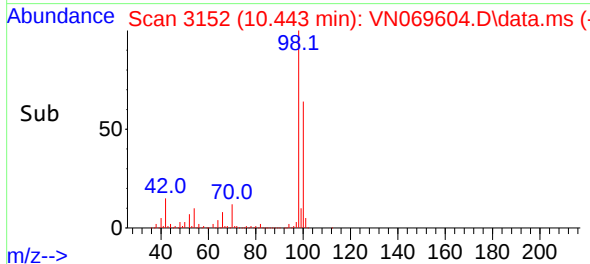
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



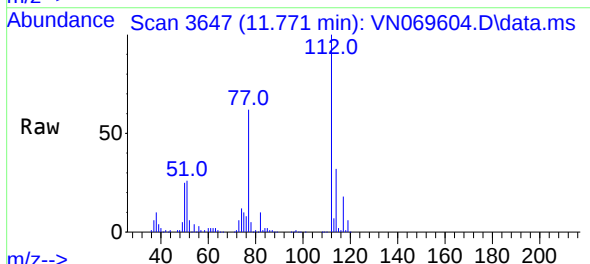
Tgt Ion: 98 Resp: 127913
Ion Ratio Lower Upper
98 100
100 63.3 50.6 76.0

Manual Integrations
APPROVED

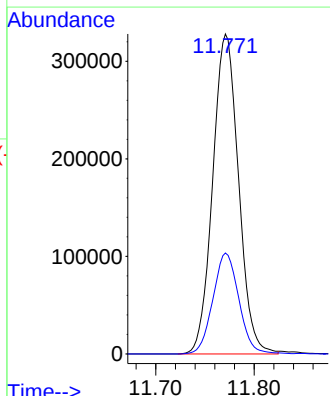
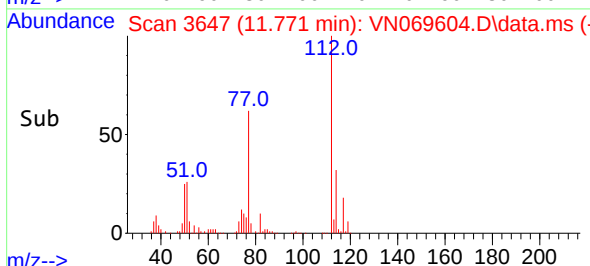
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

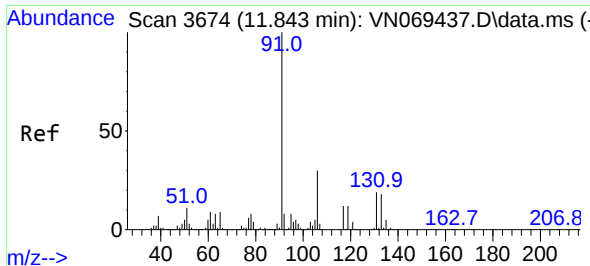


#64
Chlorobenzene
Concen: 20.053 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.002 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38



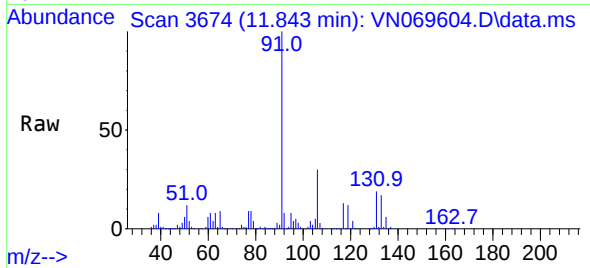
Tgt Ion:112 Resp: 597951
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 20.424 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

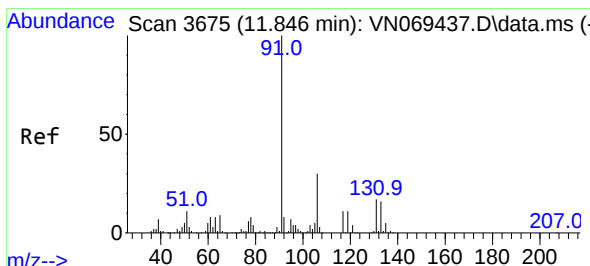
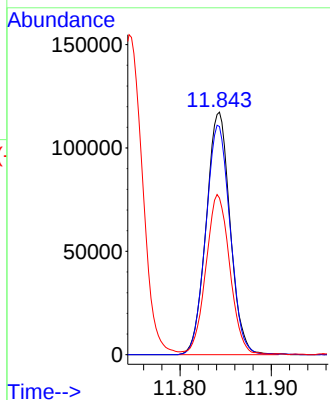
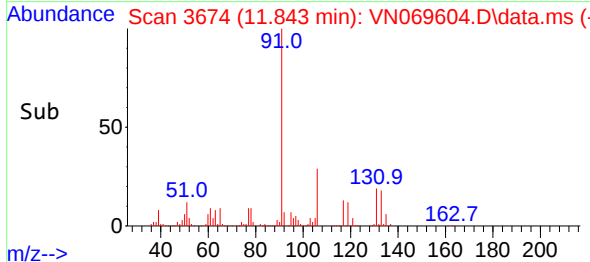
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



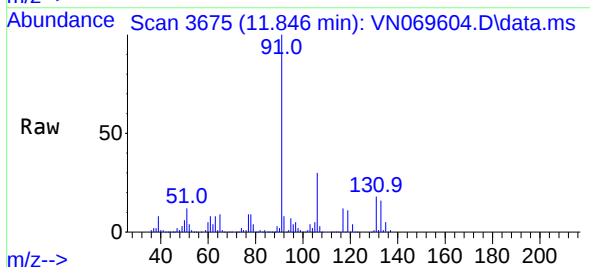
Tgt Ion:131 Resp: 214410
Ion Ratio Lower Upper
131 100
133 95.7 0.0 191.2
119 63.9 0.0 128.8

Manual Integrations
APPROVED

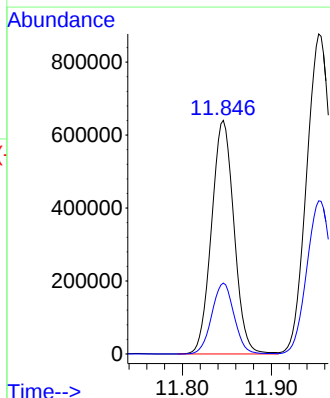
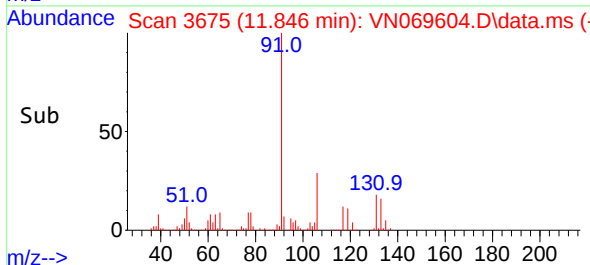
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

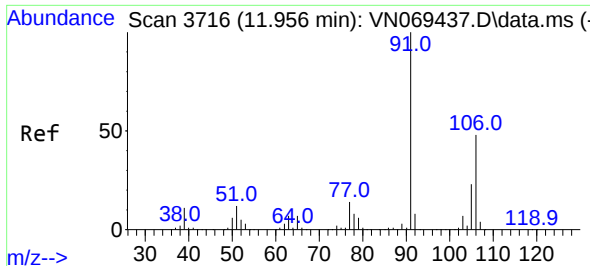


#66
Ethyl Benzene
Concen: 20.429 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.002 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38



Tgt Ion: 91 Resp: 1123822
Ion Ratio Lower Upper
91 100
106 30.4 24.0 36.0





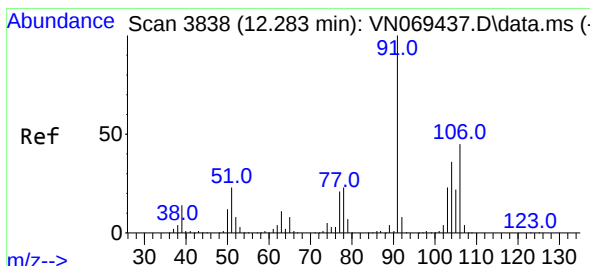
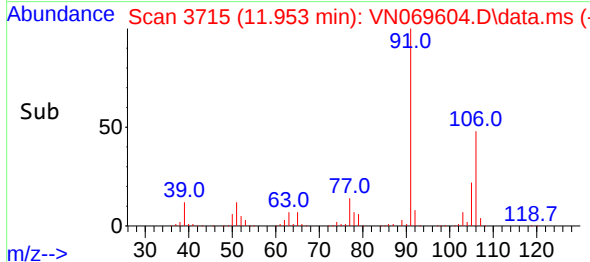
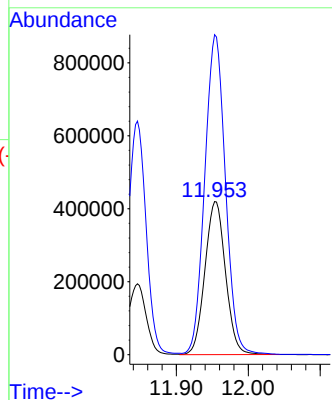
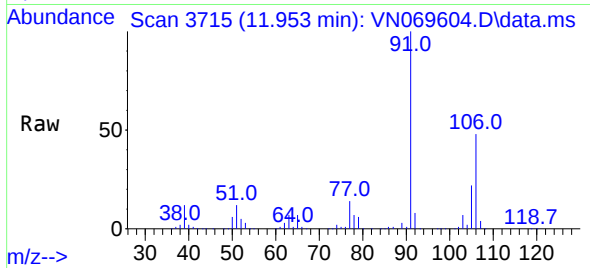
#67
m/p-Xylenes
Concen: 40.951 ug/l
RT: 11.953 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

Tgt Ion:106 Resp: 836720
Ion Ratio Lower Upper
106 100
91 209.7 162.9 244.3

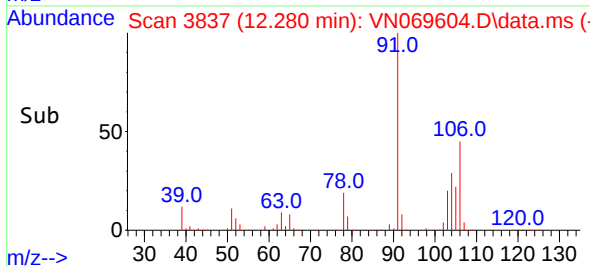
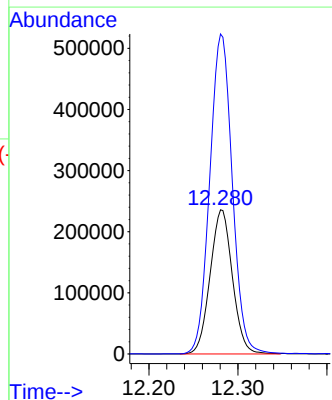
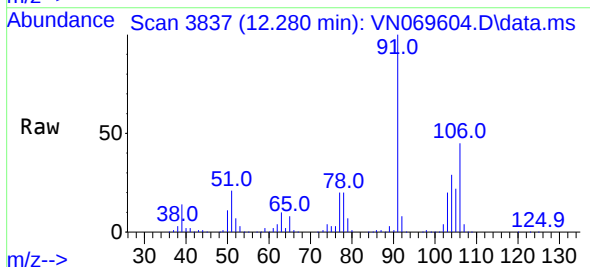
Manual Integrations
APPROVED

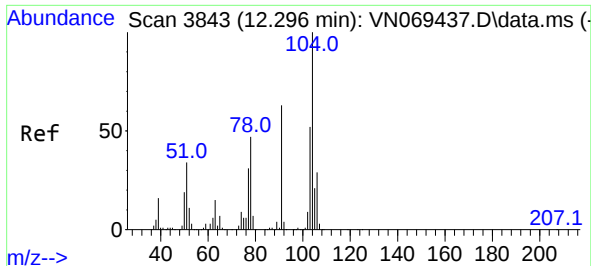
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#68
o-Xylene
Concen: 19.996 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.002 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

Tgt Ion:106 Resp: 409072
Ion Ratio Lower Upper
106 100
91 224.7 107.7 323.1





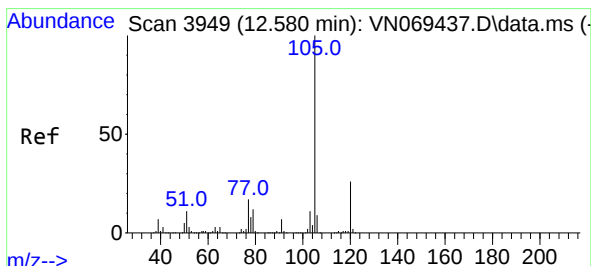
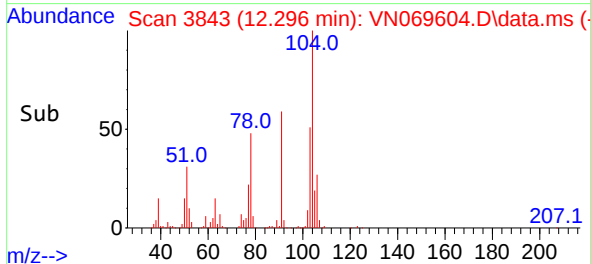
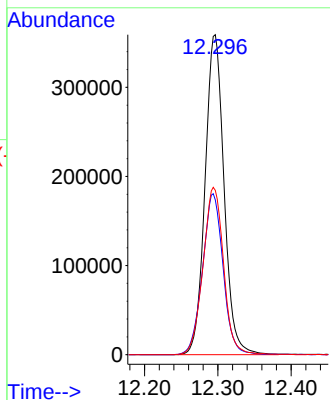
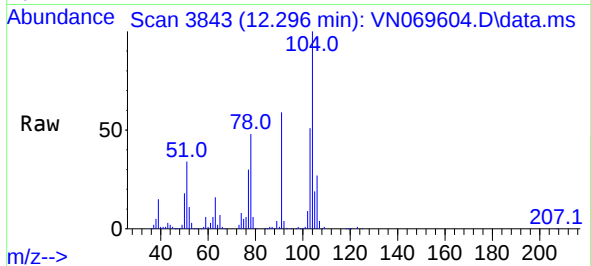
#69
Styrene
Concen: 19.518 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

Tgt Ion:104 Resp: 647368
Ion Ratio Lower Upper
104 100
78 54.5 40.7 61.1
103 56.4 45.8 68.8

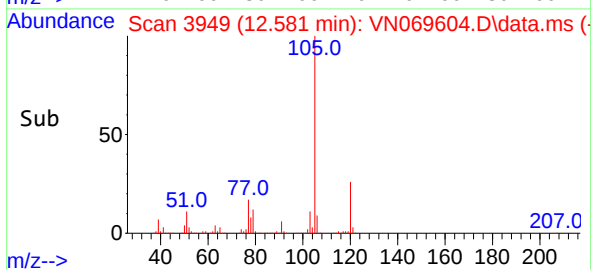
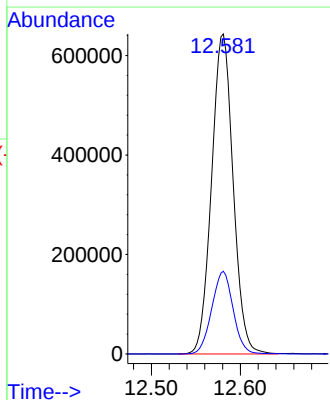
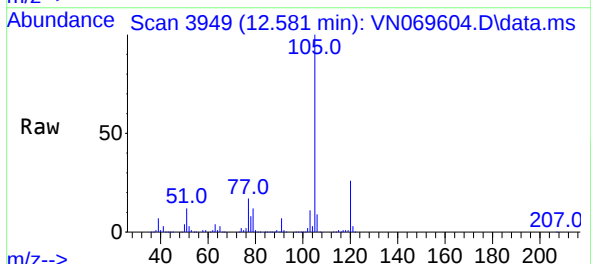
Manual Integrations
APPROVED

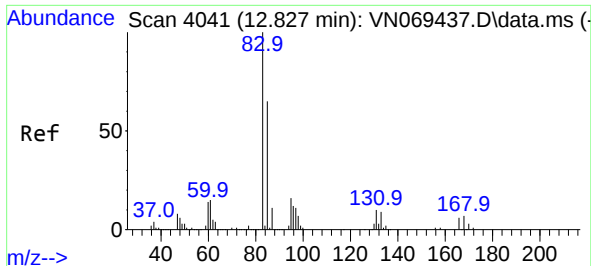
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#70
Isopropylbenzene
Concen: 20.239 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

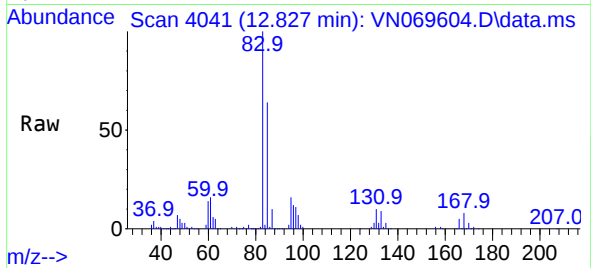
Tgt Ion:105 Resp: 1082877
Ion Ratio Lower Upper
105 100
120 25.6 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.525 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. -0.002 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

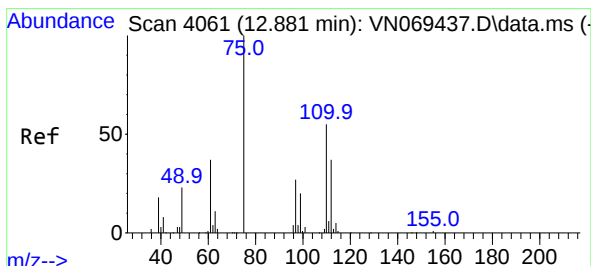
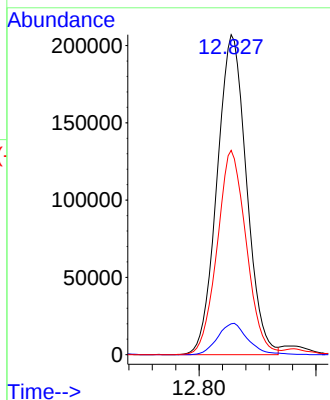
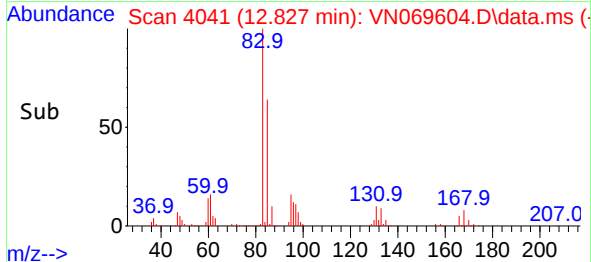
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



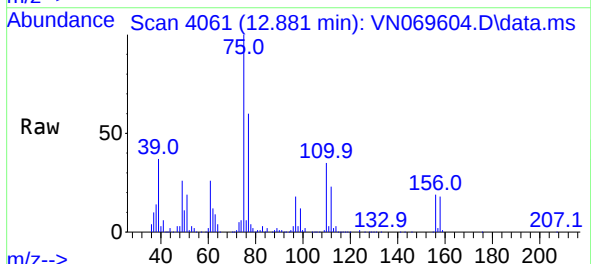
Tgt Ion: 83 Resp: 362369
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 63.2 33.1 99.2

Manual Integrations
APPROVED

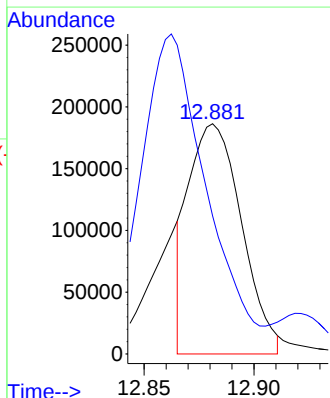
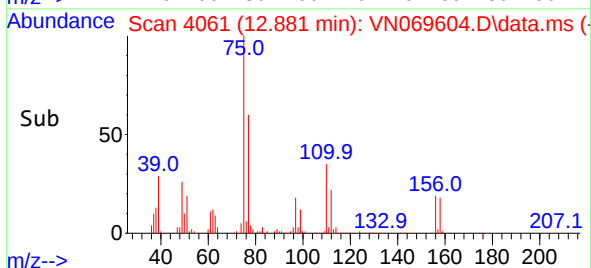
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

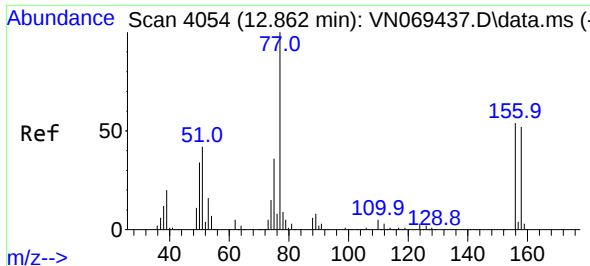


#72
1,2,3-Trichloropropane
Concen: 18.215 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38



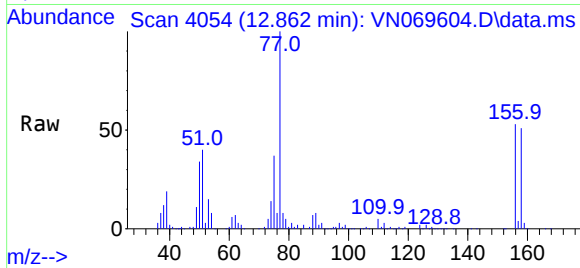
Tgt Ion: 75 Resp: 313277
Ion Ratio Lower Upper
75 100
77 173.2 0.0 378.0





#73
Bromobenzene
Concen: 19.656 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

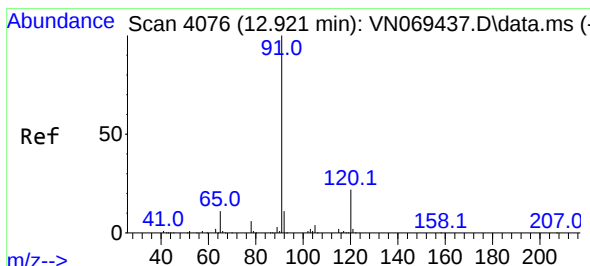
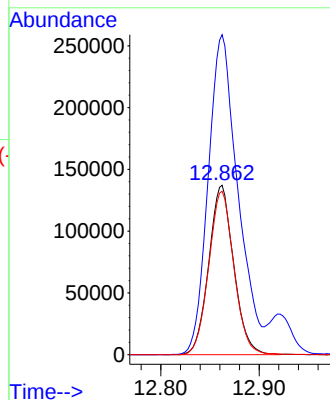
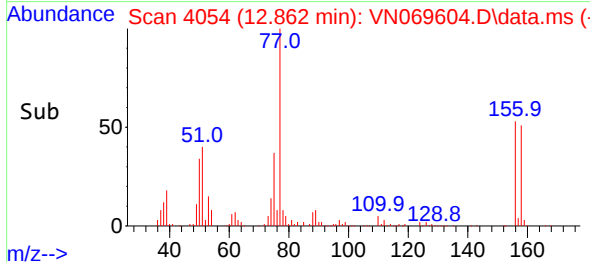
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



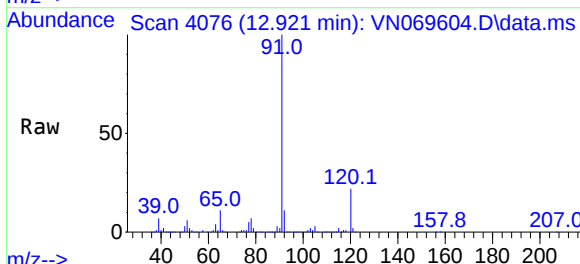
Tgt Ion:156 Resp: 242420
Ion Ratio Lower Upper
156 100
77 223.8 0.0 416.0
158 97.0 0.0 195.4

Manual Integrations
APPROVED

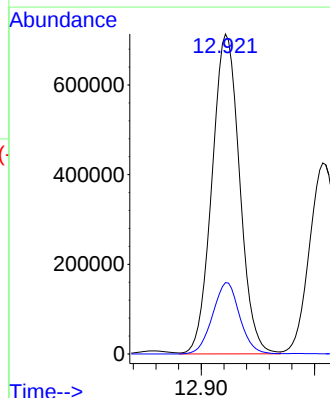
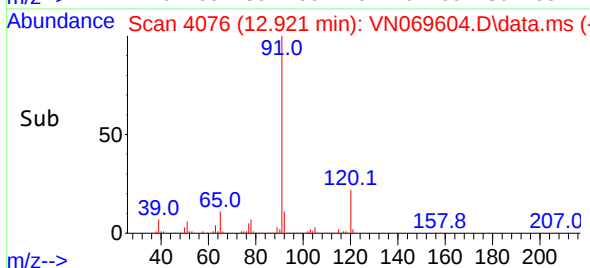
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

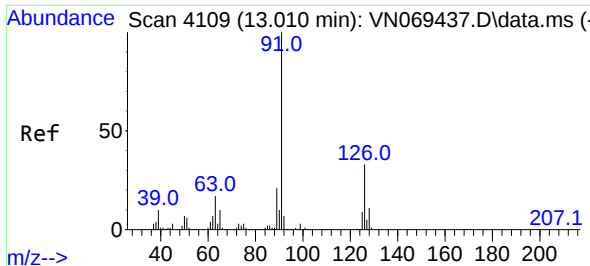


#74
n-propylbenzene
Concen: 19.641 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38



Tgt Ion: 91 Resp: 1206900
Ion Ratio Lower Upper
91 100
120 21.9 0.0 45.0





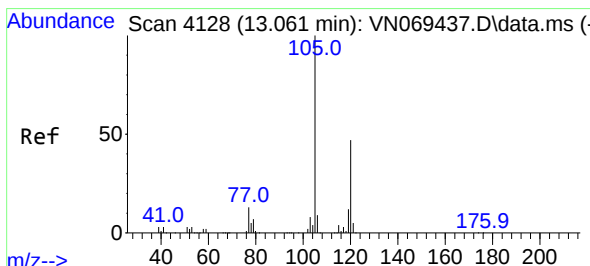
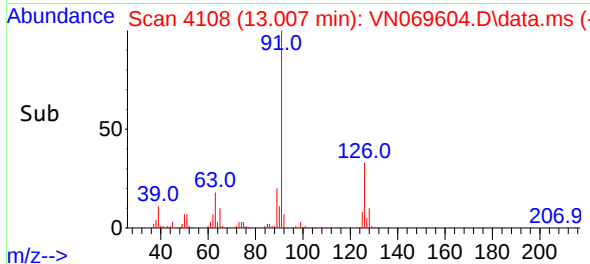
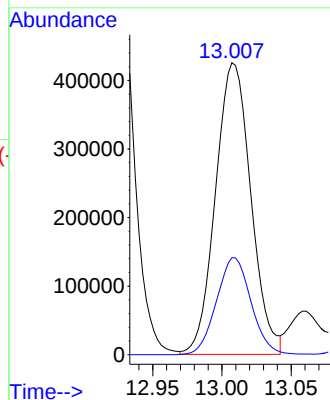
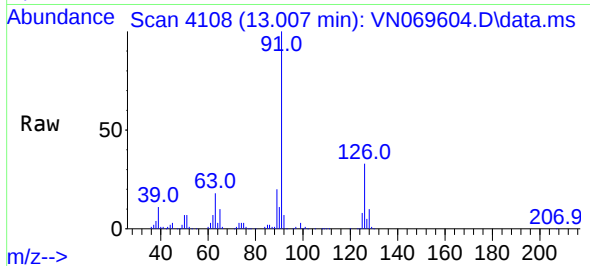
#75
2-Chlorotoluene
Concen: 20.234 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.002 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

Tgt Ion: 91 Resp: 75685
Ion Ratio Lower Upper
91 100
126 32.6 0.0 69.8

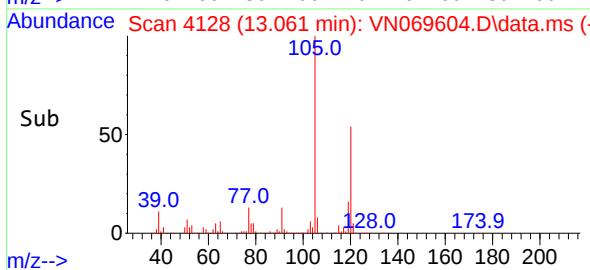
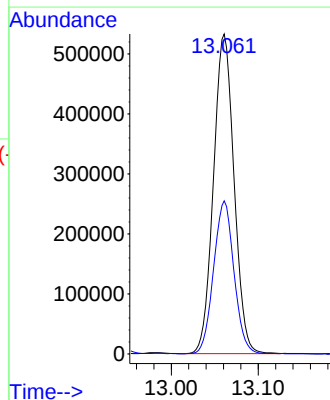
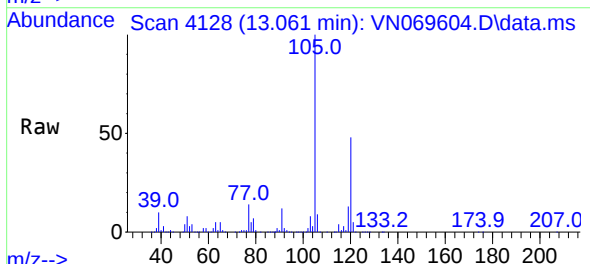
Manual Integrations
APPROVED

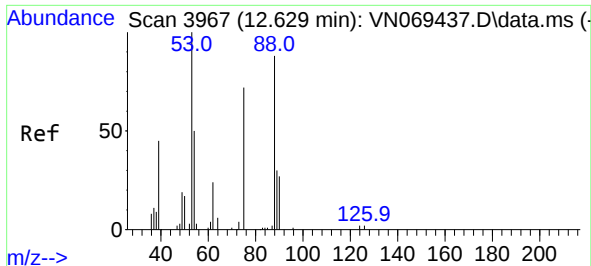
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#76
1,3,5-Trimethylbenzene
Concen: 19.967 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

Tgt Ion:105 Resp: 876836
Ion Ratio Lower Upper
105 100
120 47.7 0.0 93.8





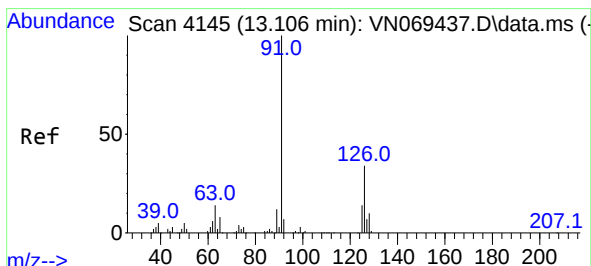
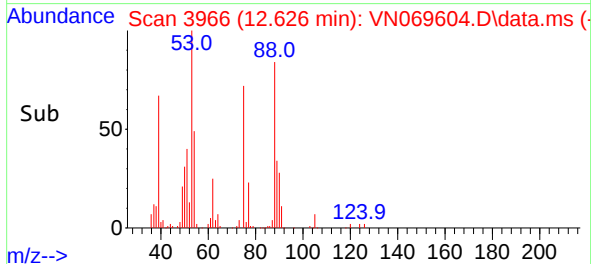
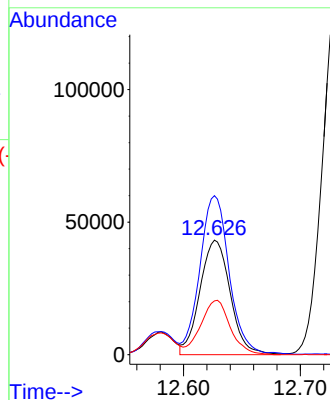
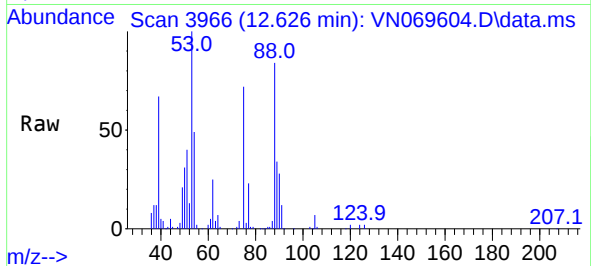
#77
t-1,4-Dichloro-2-butene
Concen: 16.771 ug/l
RT: 12.626 min Scan# 3967
Delta R.T. -0.002 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

Tgt Ion: 75 Resp: 7785
Ion Ratio Lower Upper
75 100
53 138.5 51.8 155.5
89 47.3 22.9 68.7

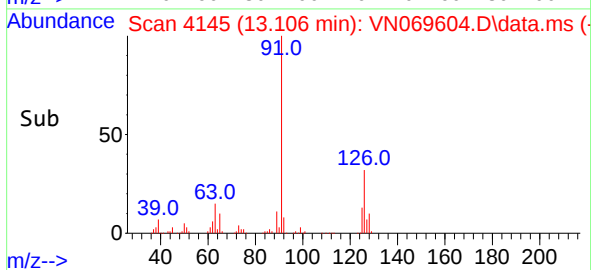
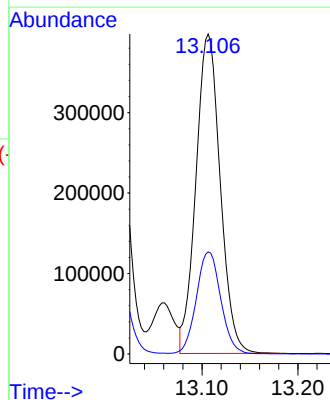
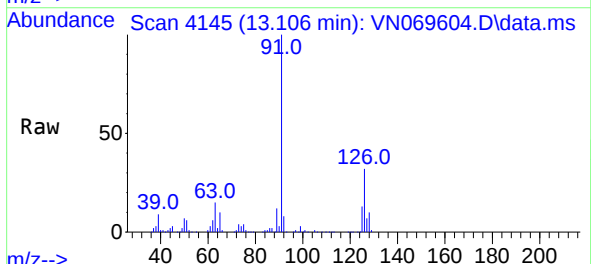
Manual Integrations
APPROVED

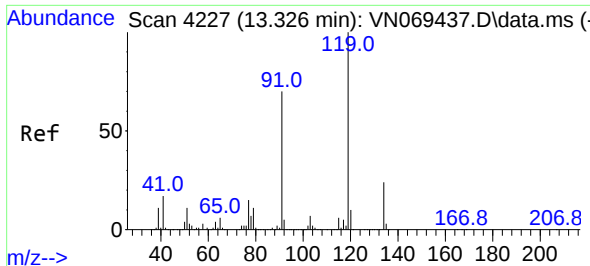
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#78
4-Chlorotoluene
Concen: 19.524 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

Tgt Ion: 91 Resp: 699361
Ion Ratio Lower Upper
91 100
126 32.0 0.0 70.6





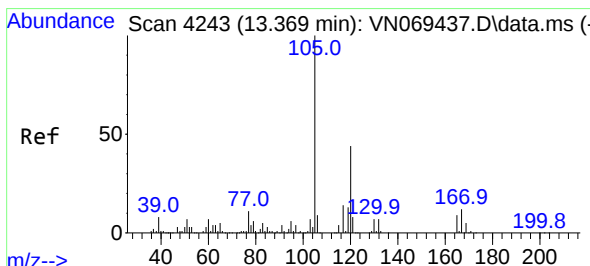
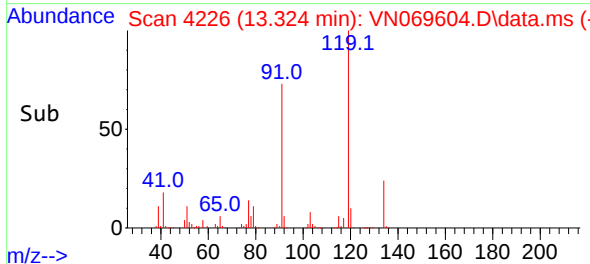
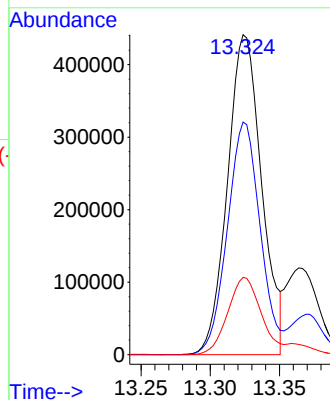
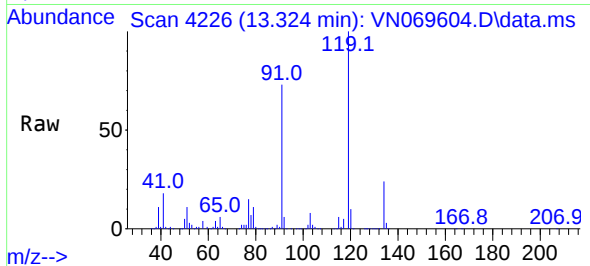
#79
tert-butylbenzene
Concen: 19.635 ug/l
RT: 13.324 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

Tgt Ion:119 Resp: 758468
Ion Ratio Lower Upper
119 100
91 70.2 0.0 137.0
134 23.7 0.0 47.6

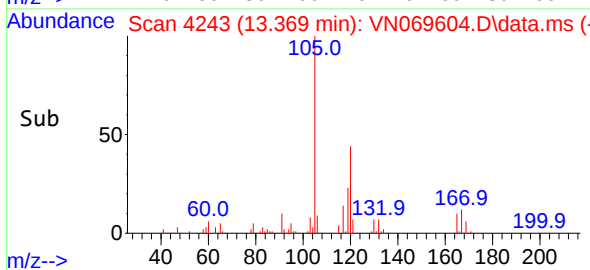
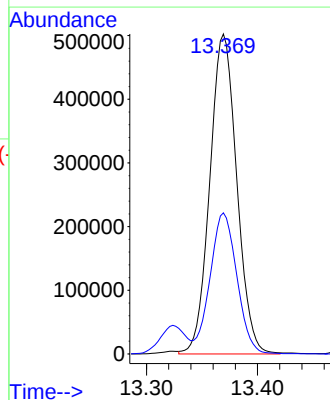
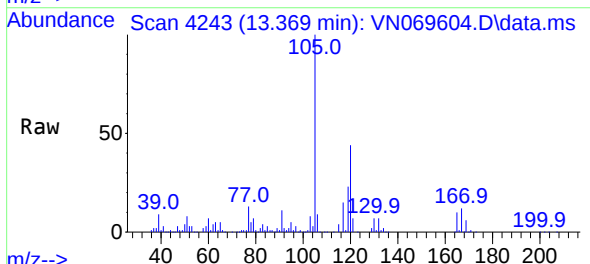
Manual Integrations
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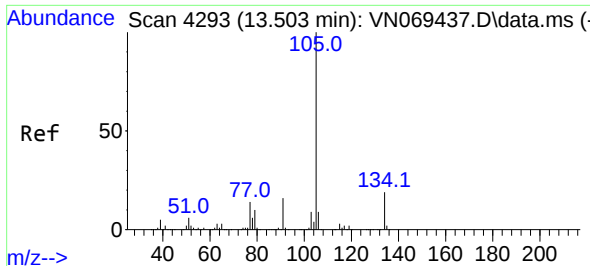
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#80
1,2,4-Trimethylbenzene
Concen: 19.791 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

Tgt Ion:105 Resp: 847798
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





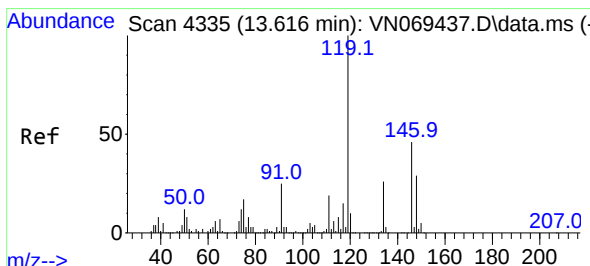
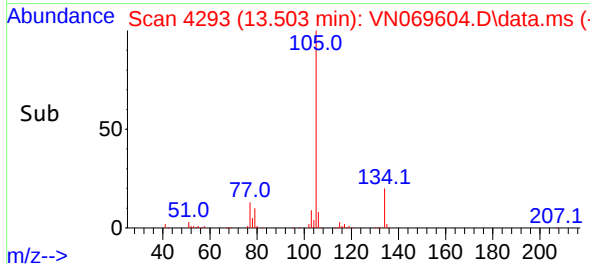
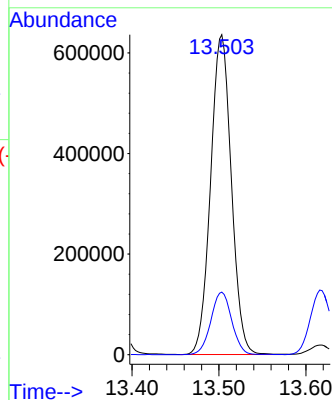
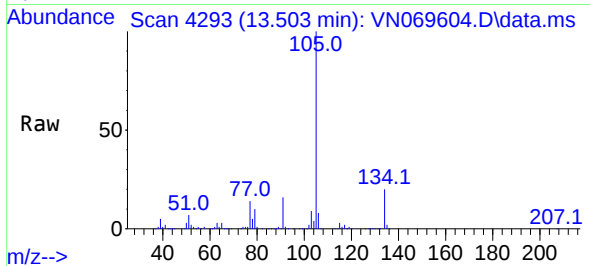
#81
 sec-Butylbenzene
 Concen: 19.463 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069604.D
 Acq: 22 Nov 2021 12:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBS01

Tgt Ion:105 Resp: 105195
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 39.4

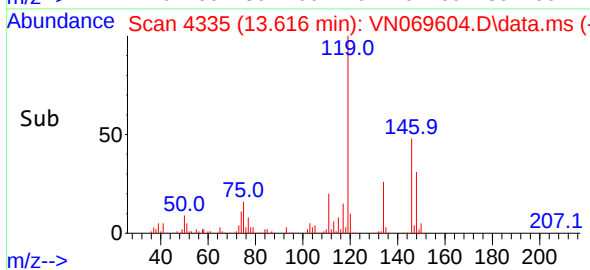
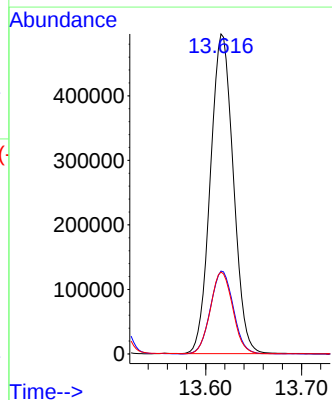
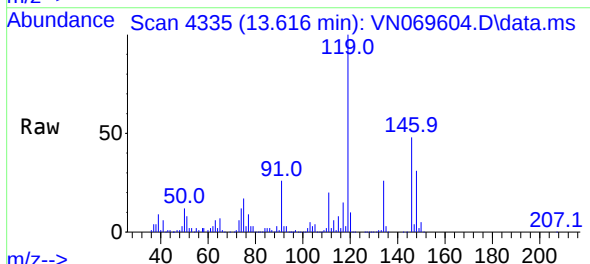
Manual Integrations
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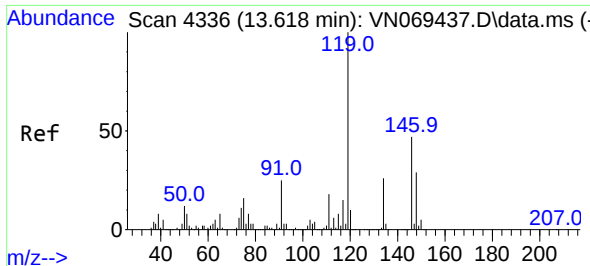
Reviewed By :John Carlone 11/23/2021
 Supervised By :Mahesh Dadoda 11/23/2021



#82
 p-Isopropyltoluene
 Concen: 19.080 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.002 min
 Lab File: VN069604.D
 Acq: 22 Nov 2021 12:38

Tgt Ion:119 Resp: 822827
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.8
 91 24.9 0.0 50.4





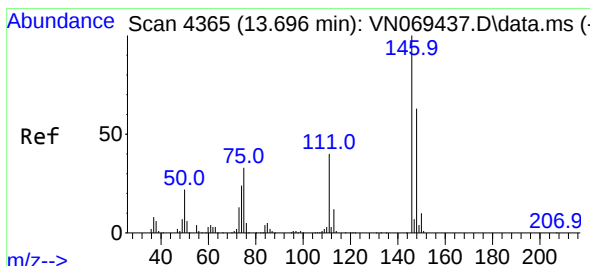
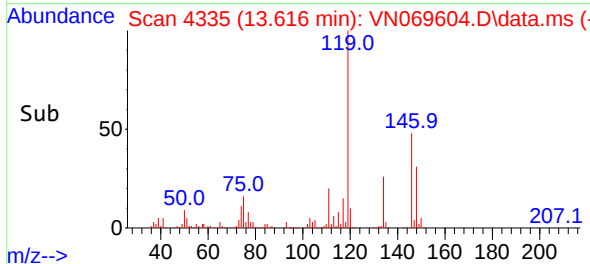
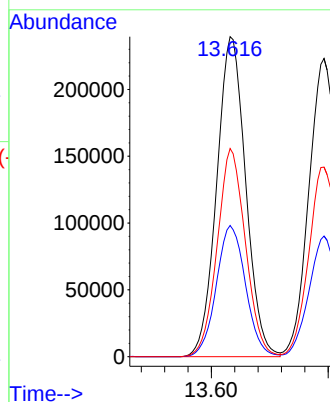
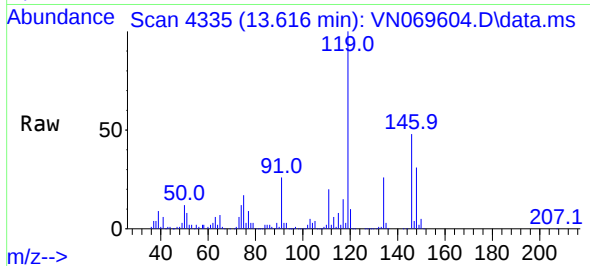
#83
1,3-Dichlorobenzene
Concen: 19.580 ug/l
RT: 13.616 min Scan# 41289
Delta R.T. -0.002 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

Tgt Ion:146 Resp: 41289
Ion Ratio Lower Upper
146 100
111 41.4 20.8 62.2
148 63.4 31.4 94.3

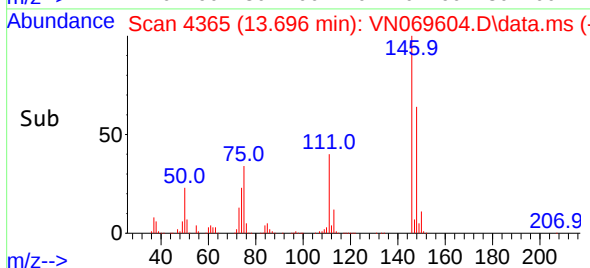
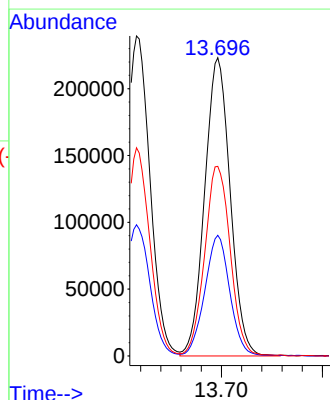
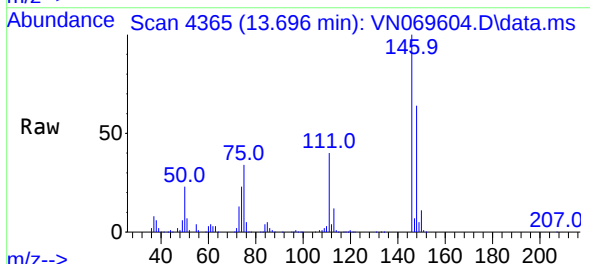
Manual Integrations
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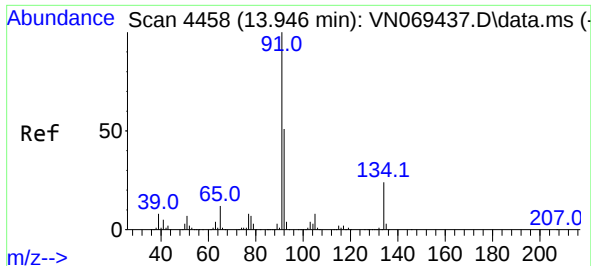
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#84
1,4-Dichlorobenzene
Concen: 19.161 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

Tgt Ion:146 Resp: 391971
Ion Ratio Lower Upper
146 100
111 39.1 19.5 58.5
148 64.0 31.1 93.5





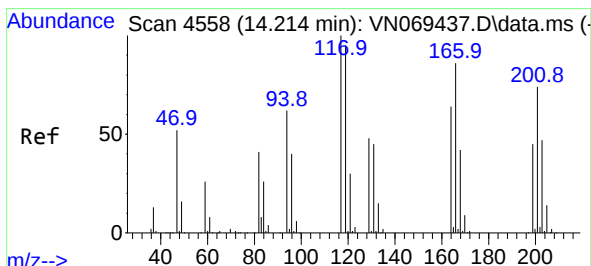
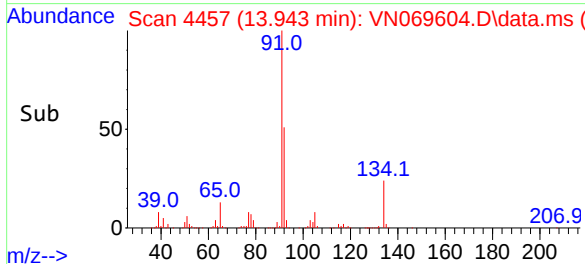
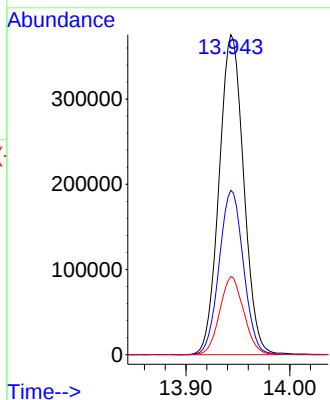
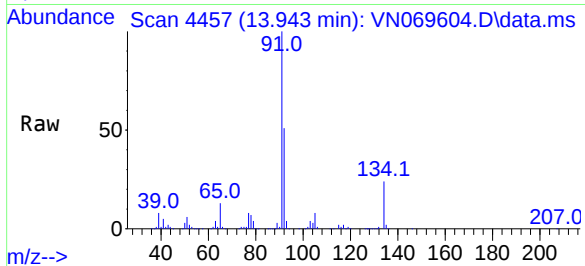
#85
n-Butylbenzene
Concen: 17.163 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

Tgt Ion: 91 Resp: 61773
Ion Ratio Lower Upper
91 100
92 50.8 0.0 100.6
134 23.9 0.0 50.2

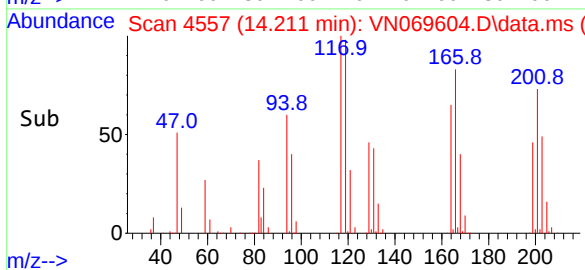
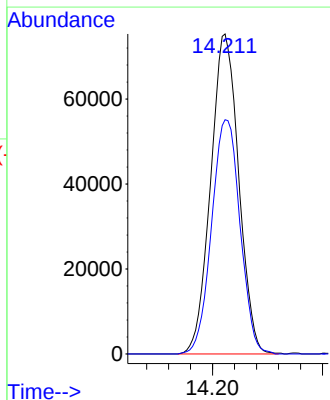
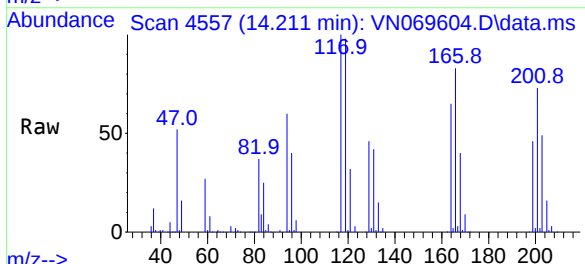
Manual Integrations
APPROVED

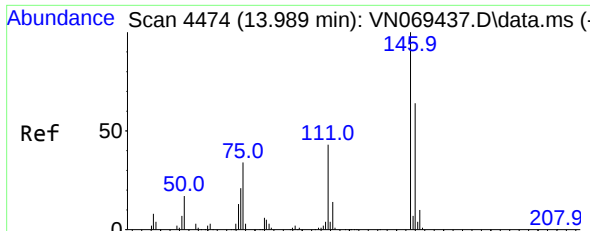
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#86
Hexachloroethane
Concen: 18.691 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. -0.002 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

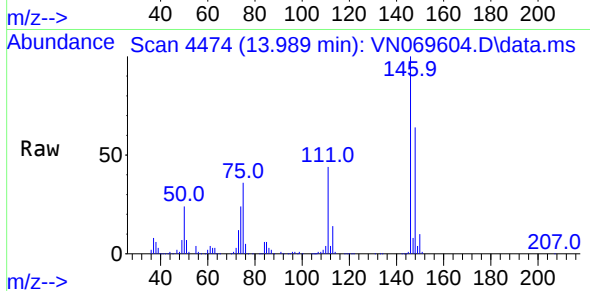
Tgt Ion:117 Resp: 133401
Ion Ratio Lower Upper
117 100
201 74.1 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 19.678 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.002 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

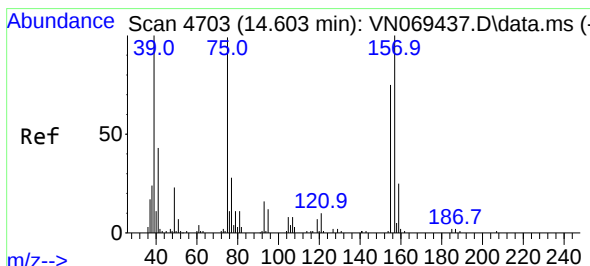
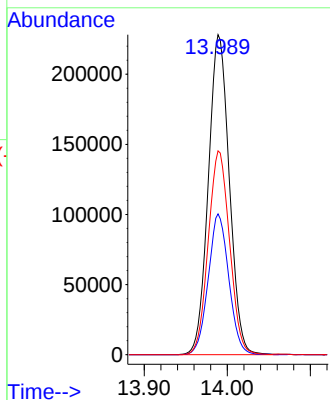
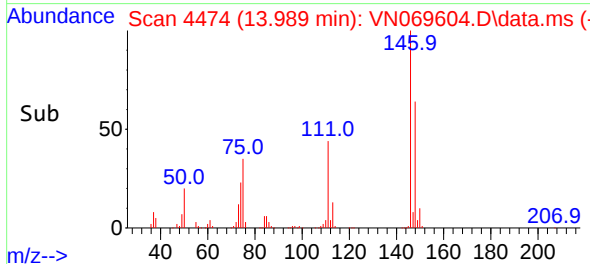
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



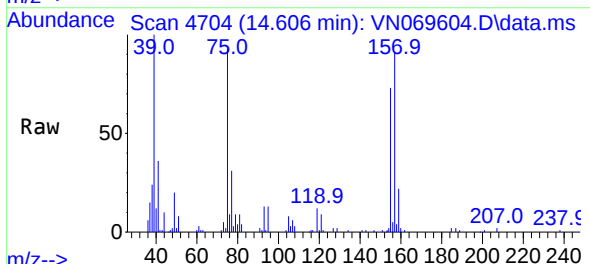
Tgt Ion:146 Resp: 400469
Ion Ratio Lower Upper
146 100
111 43.1 21.4 64.2
148 64.7 32.5 97.4

Manual Integrations
APPROVED

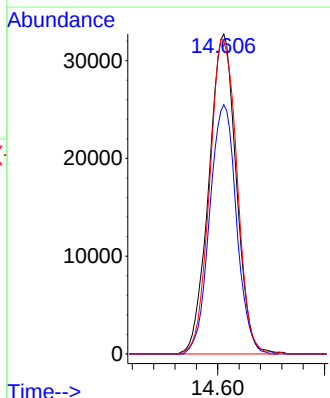
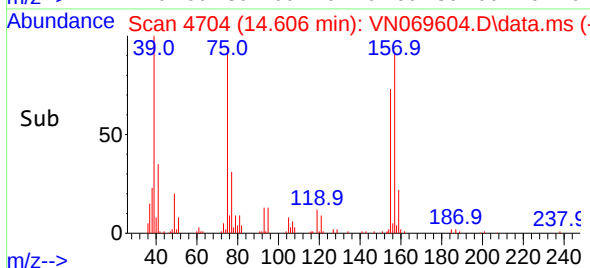
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

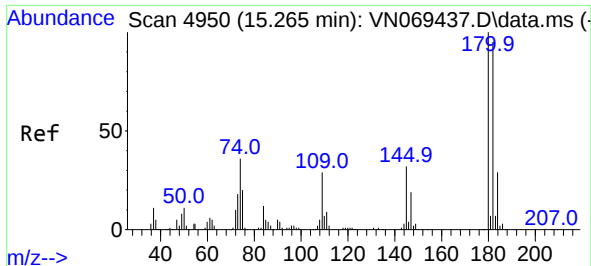


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.845 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38



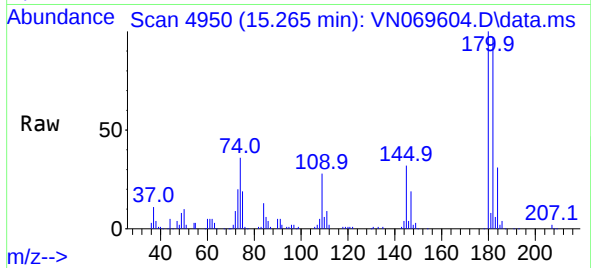
Tgt Ion: 75 Resp: 58240
Ion Ratio Lower Upper
75 100
155 76.1 63.8 95.8
157 97.9 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 16.058 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

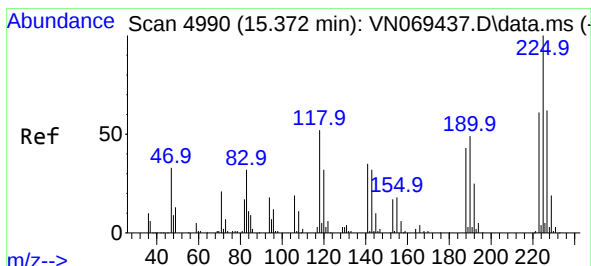
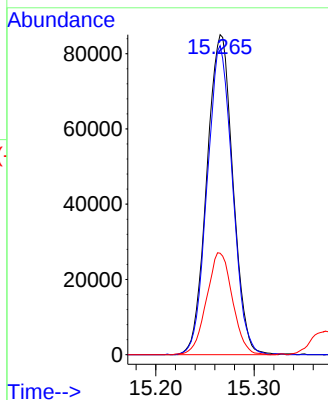
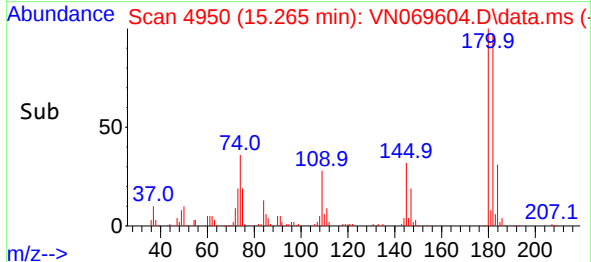
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



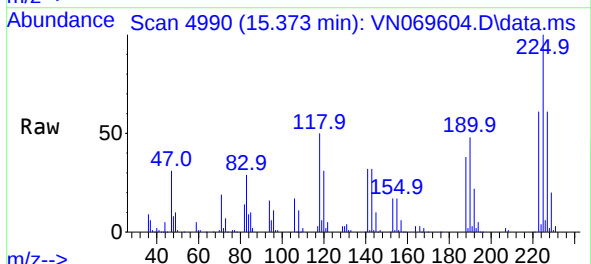
Tgt Ion:180 Resp: 156692
Ion Ratio Lower Upper
180 100
182 93.8 77.7 116.5
145 31.7 26.6 39.8

Manual Integrations
APPROVED

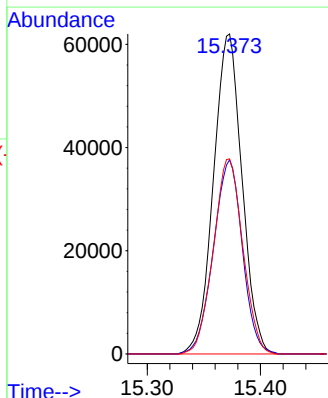
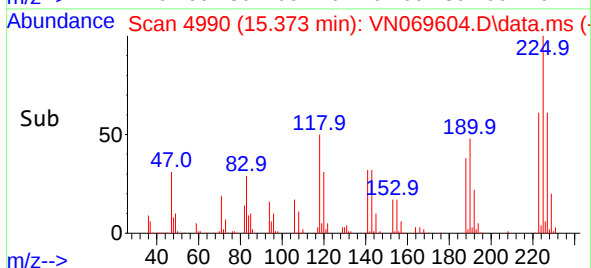
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

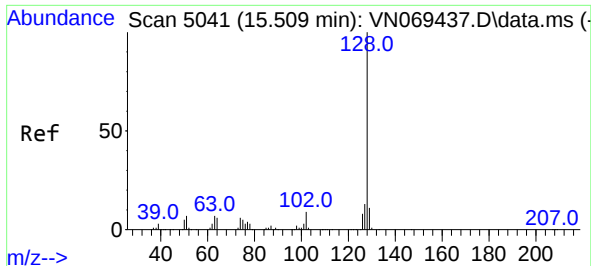


#90
Hexachlorobutadiene
Concen: 20.568 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38



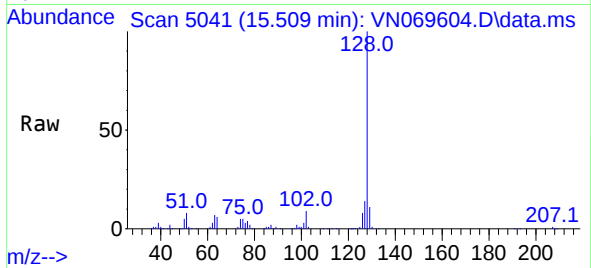
Tgt Ion:225 Resp: 108533
Ion Ratio Lower Upper
225 100
223 61.4 0.0 126.8
227 62.8 0.0 123.0





#91
Naphthalene
Concen: 13.583 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.003 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38

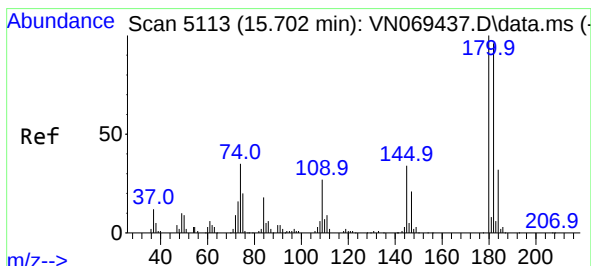
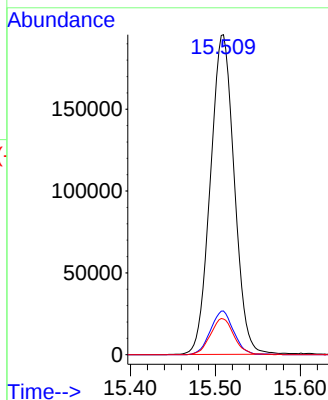
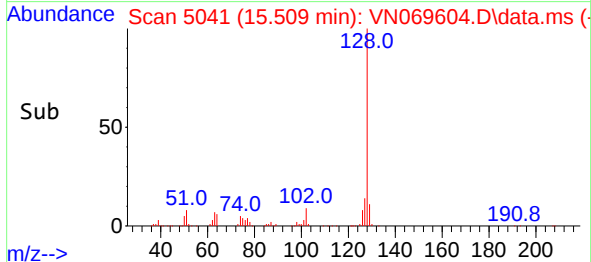
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01



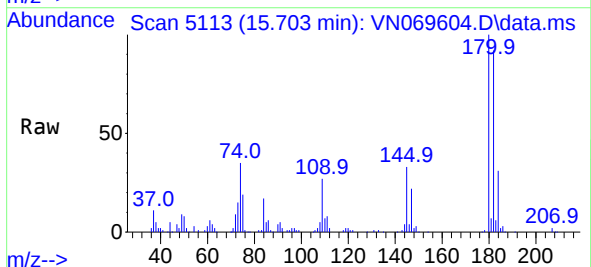
Tgt Ion:128 Resp: 381828
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 11.1 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#92
1,2,3-Trichlorobenzene
Concen: 16.135 ug/l
RT: 15.703 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN069604.D
Acq: 22 Nov 2021 12:38



Tgt Ion:180 Resp: 154775
Ion Ratio Lower Upper
180 100
182 94.5 0.0 190.0
145 33.3 0.0 67.8

