

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111121\
 Data File : VN069454.D
 Acq On : 11 Nov 2021 13:48
 Operator : JC/MD
 Sample : VN1111WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/12/2021
 Supervised By : Mahesh Dadoda 11/17/2021

Quant Time: Nov 12 05:16:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	949954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1594380	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1476886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	644238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	745551	54.128	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.260%			
35) Dibromofluoromethane	8.021	113	510780	53.415	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.840%			
50) Toluene-d8	10.443	98	2009883	53.442	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.880%			
62) 4-Bromofluorobenzene	12.731	95	710848	51.451	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.900%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	216328	21.316	ug/l	100
3) Chloromethane	2.303	50	232930	19.790	ug/l	100
4) Vinyl Chloride	2.445	62	236970	20.108	ug/l	98
5) Bromomethane	2.856	94	155310	20.292	ug/l	99
6) Chloroethane	3.019	64	162171	20.387	ug/l	97
7) Trichlorofluoromethane	3.373	101	370648	20.350	ug/l	96
8) Diethyl Ether	3.824	74	124412	21.112	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.205	101	173457	20.217	ug/l	93
10) Methyl Iodide	4.419	142	208385	19.802	ug/l	98
11) Tert butyl alcohol	5.388	59	246629	99.368	ug/l #	89
12) 1,1-Dichloroethene	4.181	96	155905	20.249	ug/l	91
13) Acrolein	4.039	56	33433	90.916	ug/l	99
14) Allyl chloride	4.840	41	333970	19.619	ug/l	96
15) Acrylonitrile	5.559	53	687759	108.207	ug/l	99
16) Acetone	4.291	43	688730	92.676	ug/l	97
17) Carbon Disulfide	4.524	76	325234	17.870	ug/l	98
18) Methyl Acetate	4.862	43	501424	20.756	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	703574	21.592	ug/l	99
20) Methylene Chloride	5.090	84	208302	19.766	ug/l	88
21) trans-1,2-Dichloroethene	5.597	96	173128	20.132	ug/l	90
22) Diisopropyl ether	6.501	45	782434	21.338	ug/l	95
23) Vinyl Acetate	6.436	43	3009501	106.115	ug/l	96
24) 1,1-Dichloroethane	6.388	63	388071	20.778	ug/l	99
25) 2-Butanone	7.340	43	1035651	102.917	ug/l	92
26) 2,2-Dichloropropane	7.324	77	279777	19.146	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	223634	20.978	ug/l	89
28) Bromochloromethane	7.662	49	208909	21.842	ug/l #	78
29) Tetrahydrofuran	7.689	42	678671	109.899	ug/l	90
30) Chloroform	7.820	83	402812	21.038	ug/l	100
31) Cyclohexane	8.096	56	368667	19.592	ug/l	92
32) 1,1,1-Trichloroethane	8.016	97	328747	20.569	ug/l	96
36) 1,1-Dichloropropene	8.225	75	278183	20.736	ug/l	97
37) Ethyl Acetate	7.415	43	416236	22.952	ug/l #	90
38) Carbon Tetrachloride	8.206	117	267117	20.623	ug/l	99
39) Methylcyclohexane	9.459	83	334648	20.052	ug/l	93
40) Benzene	8.461	78	871519	21.046	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	189009	20.170	ug/l	93
42) 1,2-Dichloroethane	8.531	62	353244	21.786	ug/l	97
43) Isopropyl Acetate	8.563	43	629341	21.605	ug/l	94
44) Trichloroethene	9.217	130	208275	21.016	ug/l	89
45) 1,2-Dichloropropane	9.491	63	236027	21.334	ug/l	100
46) Dibromomethane	9.577	93	157387	21.239	ug/l	90
47) Bromodichloromethane	9.765	83	292722	21.168	ug/l	97
48) Methyl methacrylate	9.561	41	286391	20.898	ug/l	88
49) 1,4-Dioxane	9.569	88	112666	437.690	ug/l	90
51) 4-Methyl-2-Pentanone	10.333	43	2112163	112.337	ug/l	95
52) Toluene	10.505	92	548226	21.251	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	293233	18.974	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	326687	19.335	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	226066	21.739	ug/l	97
56) Ethyl methacrylate	10.762	69	372292	20.270	ug/l	86
57) 1,3-Dichloropropane	11.047	76	393342	21.525	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	350418	85.976	ug/l	93
59) 2-Hexanone	11.087	43	1516583	100.438	ug/l	93
60) Dibromochloromethane	11.240	129	203490	19.384	ug/l	100
61) 1,2-Dibromoethane	11.347	107	225885	20.115	ug/l	100
64) Tetrachloroethene	10.979	164	184637	20.705	ug/l	95
65) Chlorobenzene	11.771	112	581426	21.151	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	205761	21.580	ug/l	98
67) Ethyl Benzene	11.846	91	1070442	21.113	ug/l	96
68) m/p-Xylenes	11.956	106	799436	42.872	ug/l	95
69) o-Xylene	12.283	106	396857	21.348	ug/l	93
70) Styrene	12.296	104	636723	20.017	ug/l	96
71) Bromoform	12.460	173	138256	18.982	ug/l #	99
73) Isopropylbenzene	12.581	105	1046111	20.394	ug/l	98
74) N-amyl acetate	12.390	43	461670	21.238	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	364250	21.055	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	320920m	21.585	ug/l	
77) Bromobenzene	12.862	156	239596	20.424	ug/l	81
78) n-propylbenzene	12.921	91	1178373	20.416	ug/l	96
79) 2-Chlorotoluene	13.010	91	725687	20.306	ug/l	95
80) 1,3,5-Trimethylbenzene	13.061	105	852961	20.569	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	75264	19.112	ug/l #	84
82) 4-Chlorotoluene	13.106	91	694894	20.398	ug/l	94
83) tert-Butylbenzene	13.324	119	750282	20.647	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	834545	20.847	ug/l	97
85) sec-Butylbenzene	13.503	105	1036124	20.411	ug/l	98
86) p-Isopropyltoluene	13.619	119	826887	20.520	ug/l	96
87) 1,3-Dichlorobenzene	13.619	146	423032	20.799	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	406717	20.384	ug/l	96
89) n-Butylbenzene	13.943	91	663601	19.747	ug/l	98
90) Hexachloroethane	14.211	117	124073	18.189	ug/l	84
91) 1,2-Dichlorobenzene	13.991	146	416129	21.501	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	61005	20.082	ug/l	81
93) 1,2,4-Trichlorobenzene	15.265	180	179403	19.703	ug/l	98
94) Hexachlorobutadiene	15.370	225	105501	20.980	ug/l	99
95) Naphthalene	15.507	128	498442	20.328	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	180673	20.620	ug/l	98

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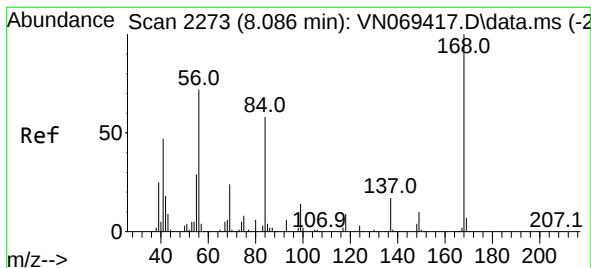
Manual Integrations
APPROVED

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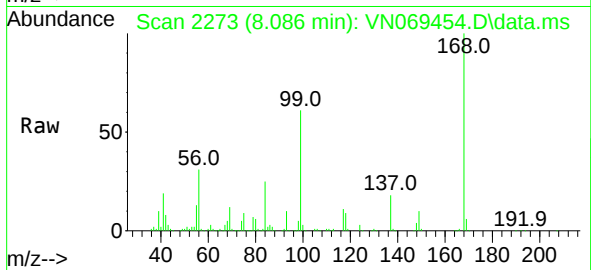
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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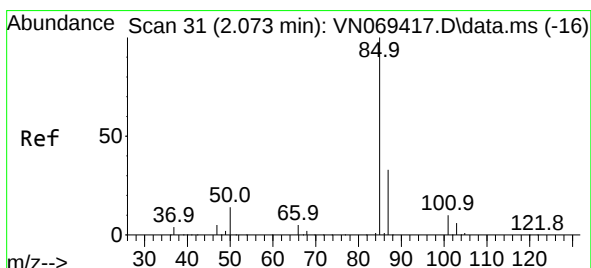
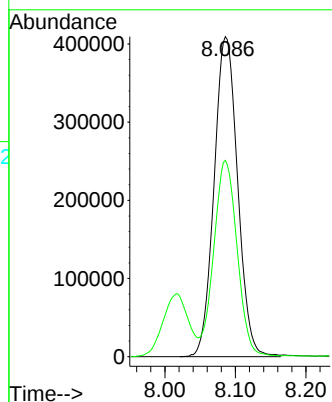
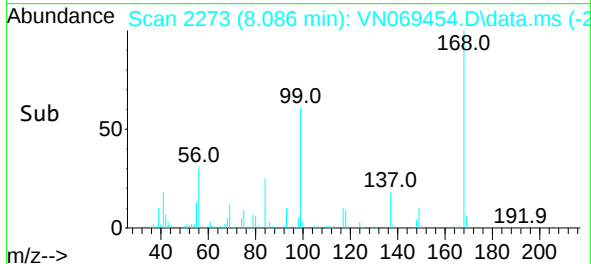
Instrument :
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Tgt Ion:168 Resp: 949954
Ion Ratio Lower Upper
168 100
99 61.1 41.3 61.9

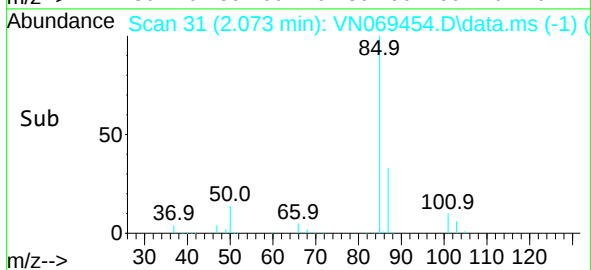
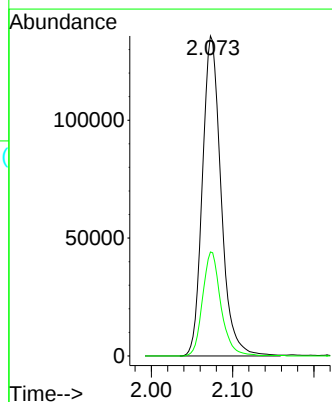
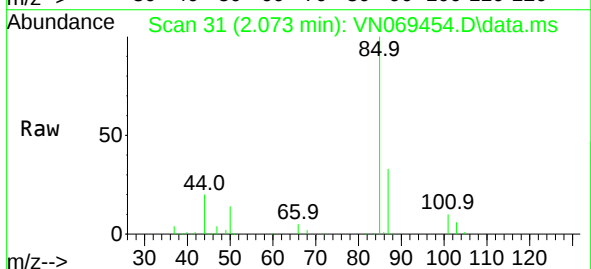
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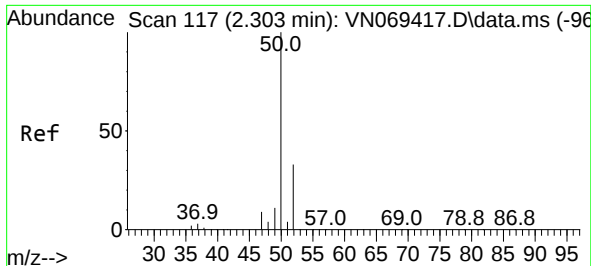
Reviewed By :John Carlone 11/12/2021
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#2
Dichlorodifluoromethane
Concen: 21.316 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

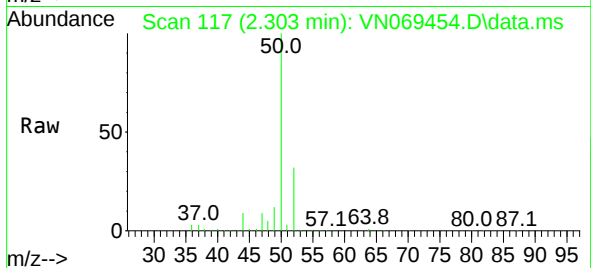
Tgt Ion: 85 Resp: 216328
Ion Ratio Lower Upper
85 100
87 32.5 16.3 48.9





#3
Chloromethane
Concen: 19.790 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

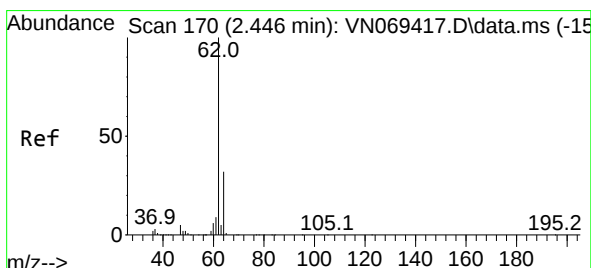
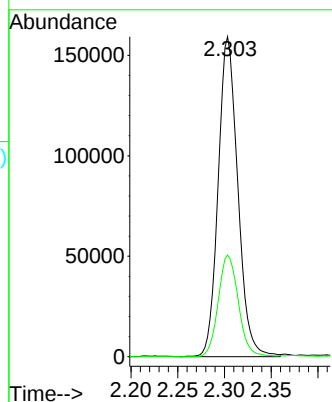
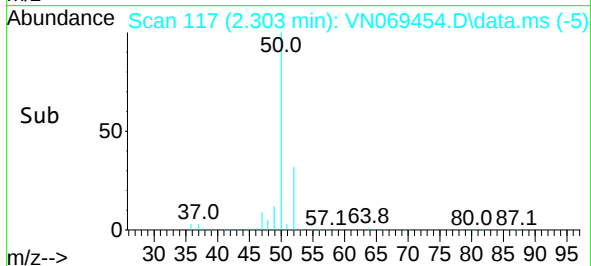
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Tgt Ion: 50 Resp: 232930
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.0

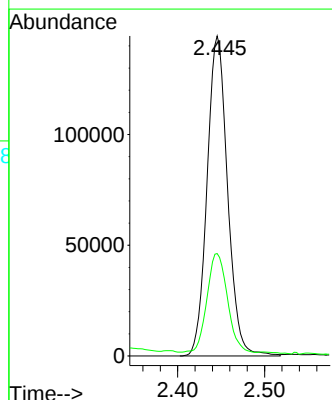
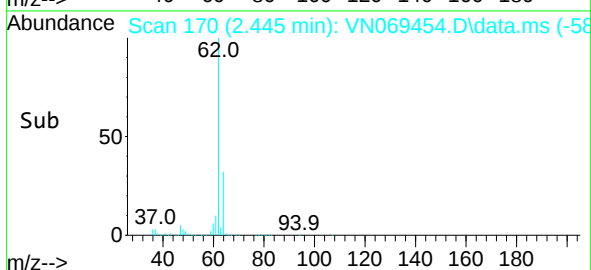
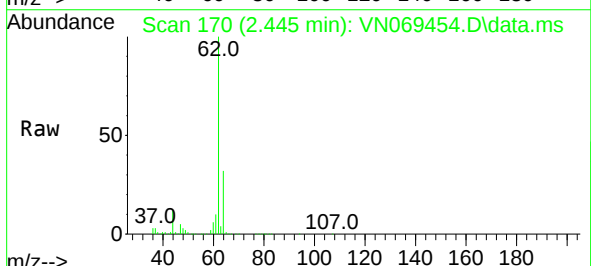
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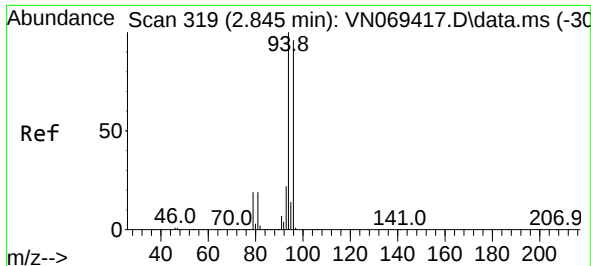
Reviewed By :John Carlone 11/12/2021
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#4
Vinyl Chloride
Concen: 20.108 ug/l
RT: 2.445 min Scan# 170
Delta R.T. -0.001 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

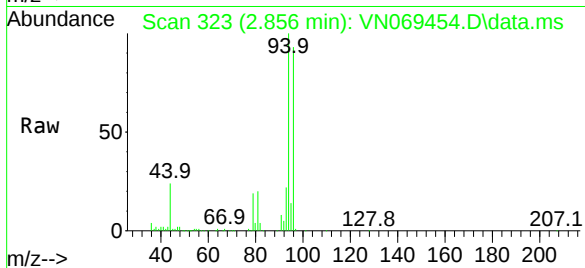
Tgt Ion: 62 Resp: 236970
Ion Ratio Lower Upper
62 100
64 31.1 25.8 38.6





#5
Bromomethane
Concen: 20.292 ug/l
RT: 2.856 min Scan# 319
Delta R.T. 0.011 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

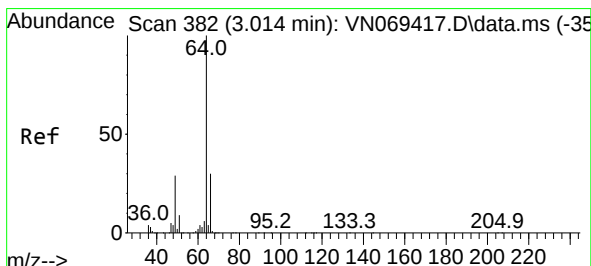
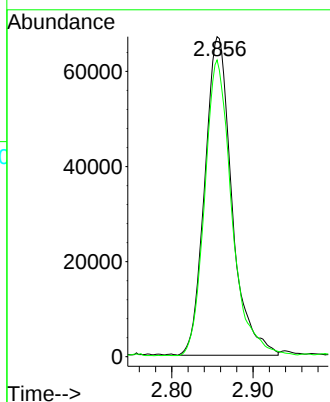
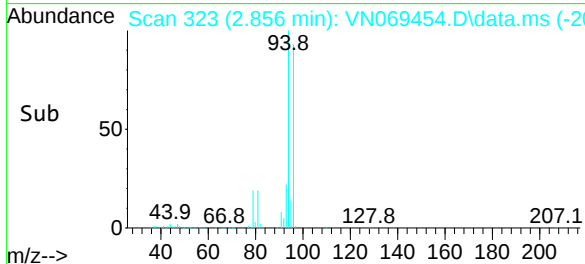
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Tgt Ion: 94 Resp: 155310
Ion Ratio Lower Upper
94 100
96 92.8 73.8 110.8

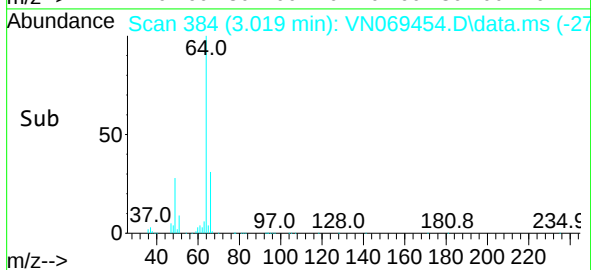
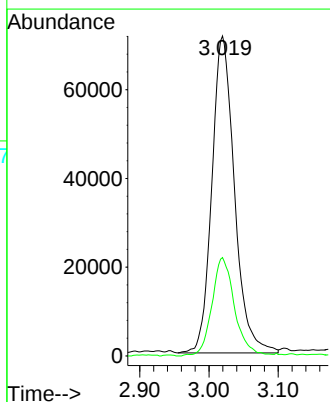
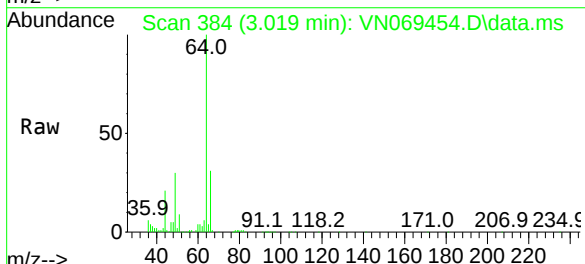
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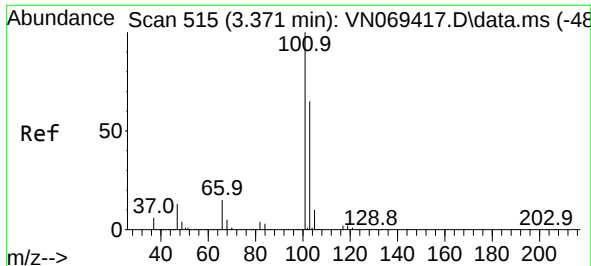
Reviewed By :John Carlone 11/12/2021
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#6
Chloroethane
Concen: 20.387 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.005 min
Lab File: VN069454.D
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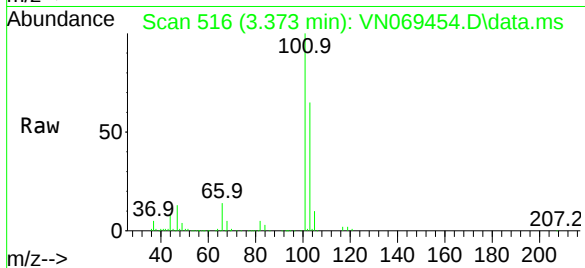
Tgt Ion: 64 Resp: 162171
Ion Ratio Lower Upper
64 100
66 31.0 26.3 39.5





#7
Trichlorofluoromethane
Concen: 20.350 ug/l
RT: 3.373 min Scan# 515
Delta R.T. 0.002 min
Lab File: VN069454.D
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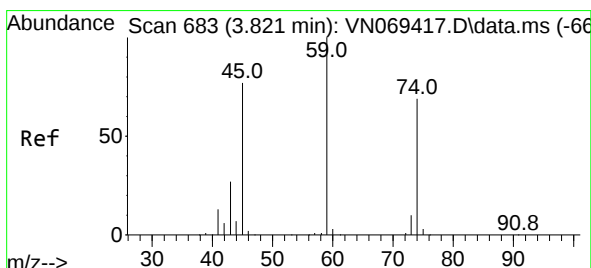
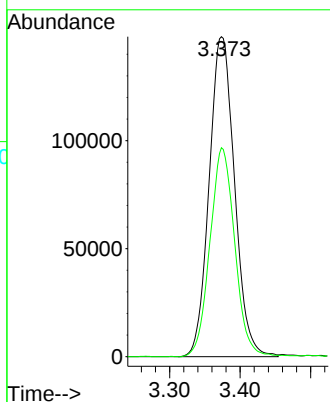
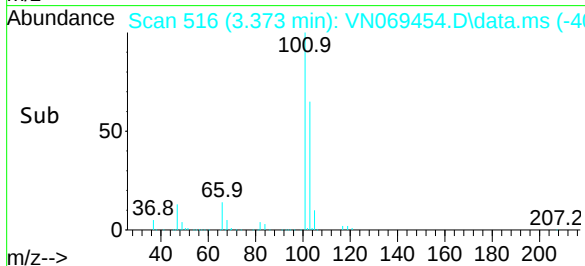
Instrument :
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Tgt Ion:101 Resp: 370648
Ion Ratio Lower Upper
101 100
103 65.3 50.1 75.1

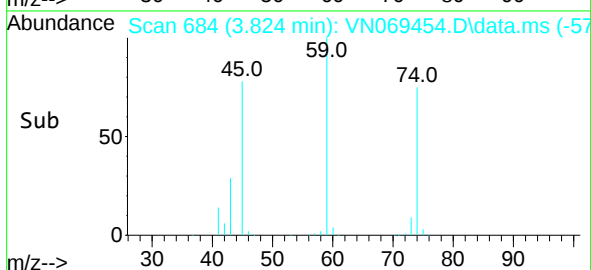
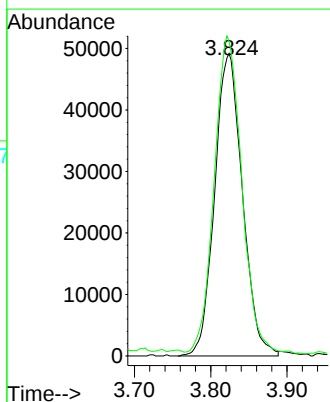
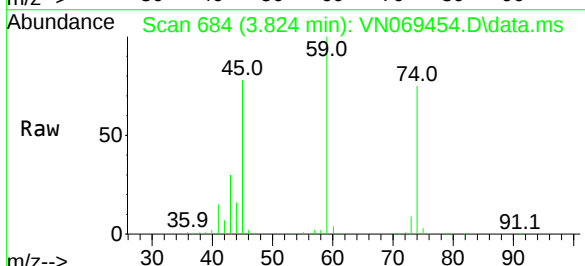
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#8
Diethyl Ether
Concen: 21.112 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
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Tgt Ion: 74 Resp: 124412
Ion Ratio Lower Upper
74 100
45 102.6 47.0 141.2





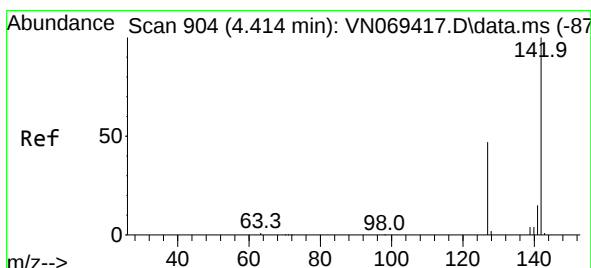
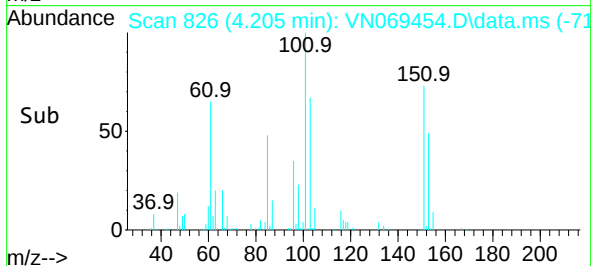
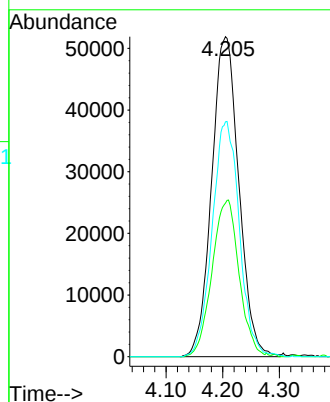
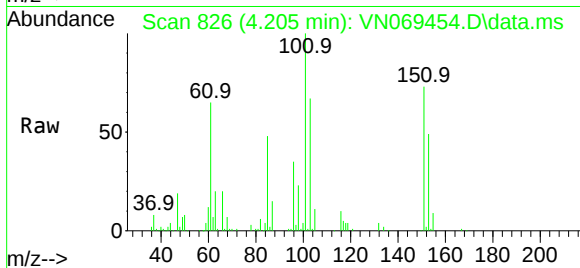
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.217 ug/l
RT: 4.205 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN069454.D
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Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion:101 Resp: 17345
Ion Ratio Lower Upper
101 100
85 48.5 37.2 55.8
151 73.6 65.9 98.9

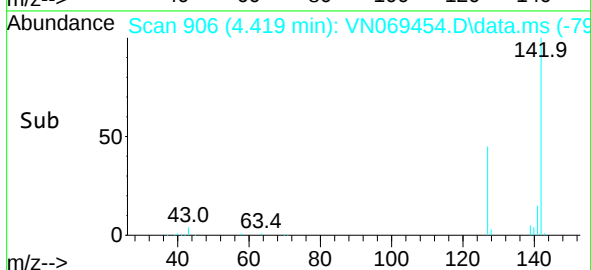
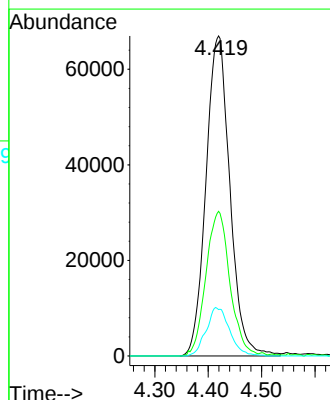
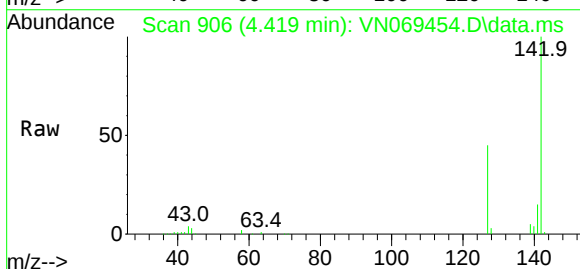
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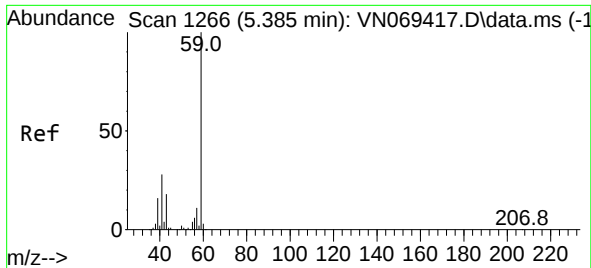
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#10
Methyl Iodide
Concen: 19.802 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

Tgt Ion:142 Resp: 208385
Ion Ratio Lower Upper
142 100
127 45.3 35.4 53.0
141 14.9 11.6 17.4





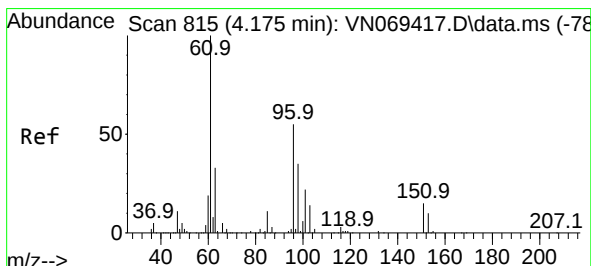
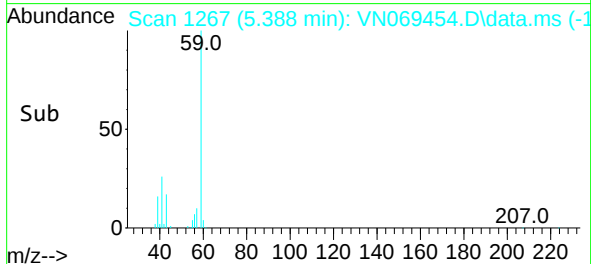
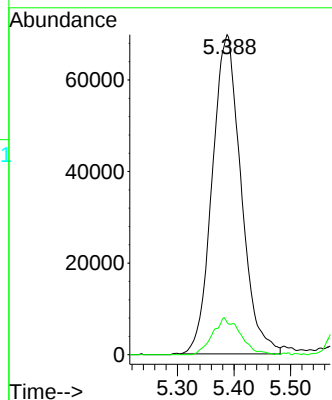
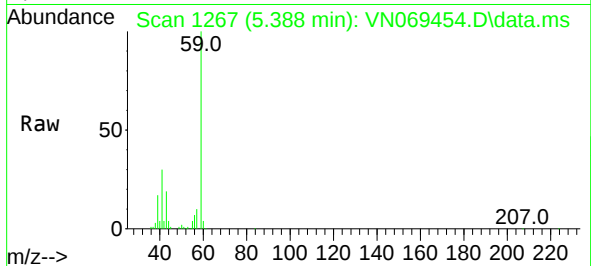
#11
Tert butyl alcohol
Concen: 99.368 ug/l
RT: 5.388 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion: 59 Resp: 246629
Ion Ratio Lower Upper
59 100
57 6.7 8.7 13.1

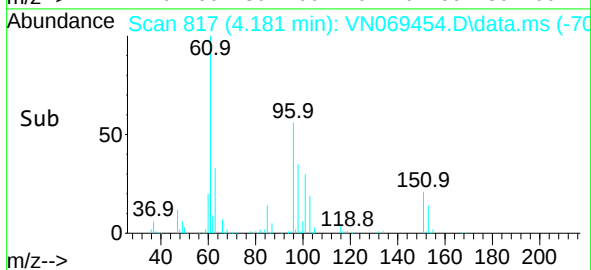
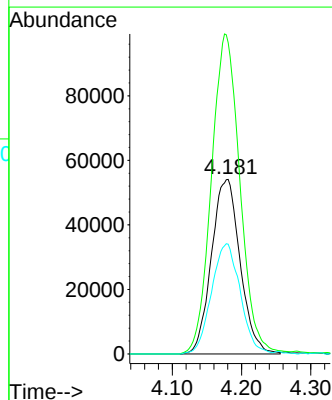
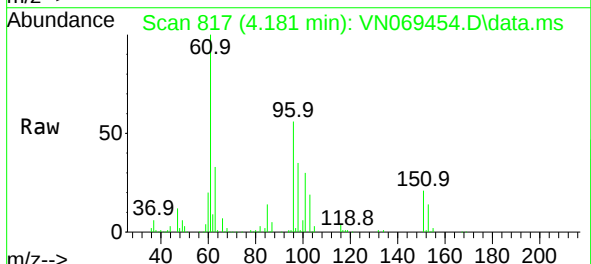
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#12
1,1-Dichloroethene
Concen: 20.249 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.006 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

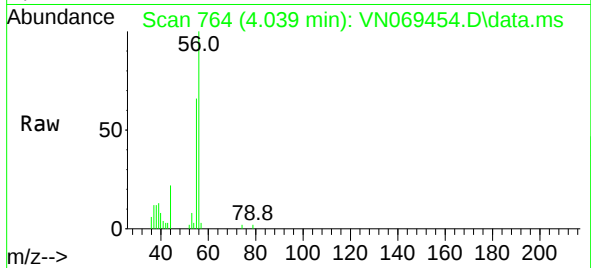
Tgt Ion: 96 Resp: 155905
Ion Ratio Lower Upper
96 100
61 178.2 131.0 196.6
98 62.9 52.4 78.6





#13
Acrolein
Concen: 90.916 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.002 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

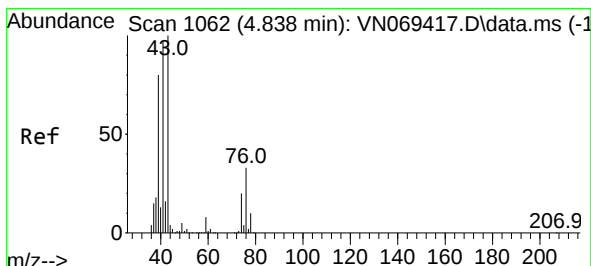
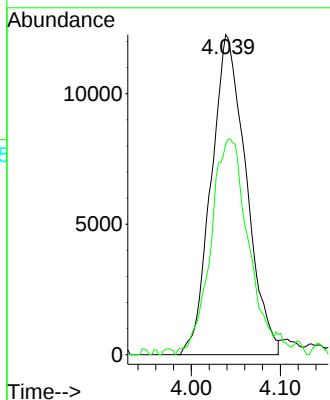
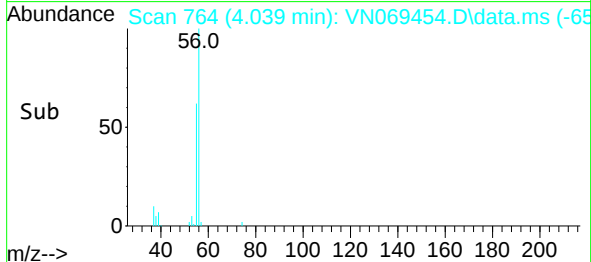
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



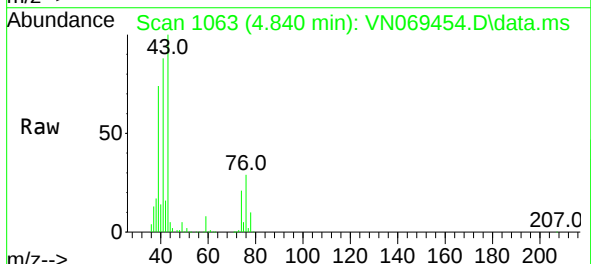
Tgt Ion: 56 Resp: 3343
Ion Ratio Lower Upper
56 100
55 71.5 56.6 85.0

Manual Integrations
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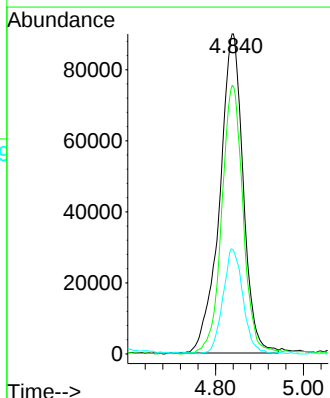
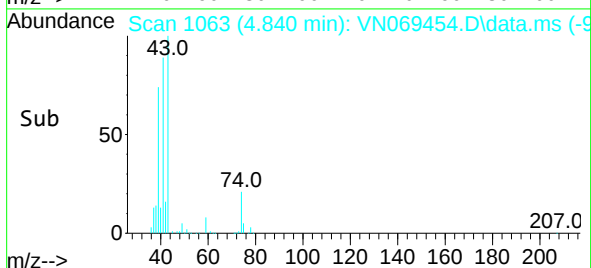
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

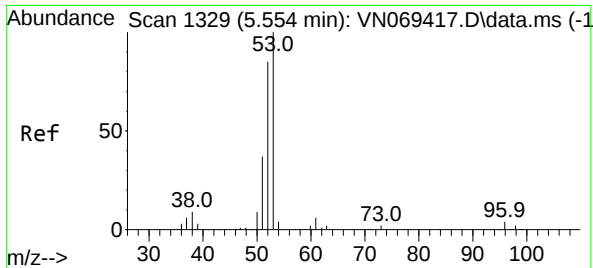


#14
Allyl chloride
Concen: 19.619 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.002 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48



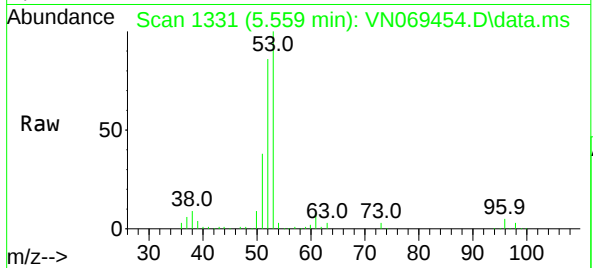
Tgt Ion: 41 Resp: 333970
Ion Ratio Lower Upper
41 100
39 75.1 61.2 91.8
76 27.9 26.0 39.0





#15
Acrylonitrile
Concen: 108.207 ug/l
RT: 5.559 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

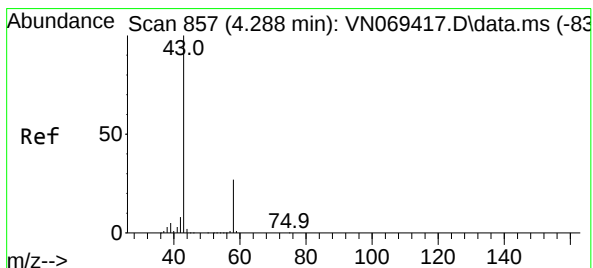
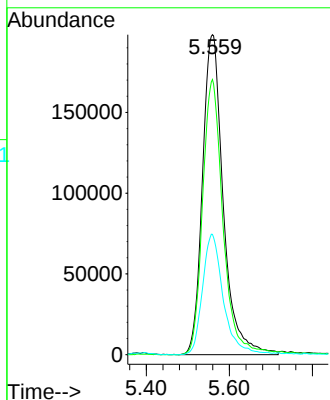
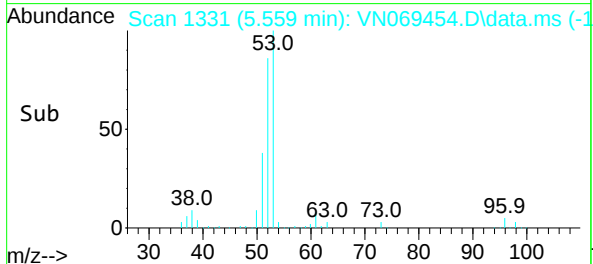
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



Tgt Ion: 53 Resp: 687759
Ion Ratio Lower Upper
53 100
52 84.1 66.2 99.2
51 37.6 29.6 44.4

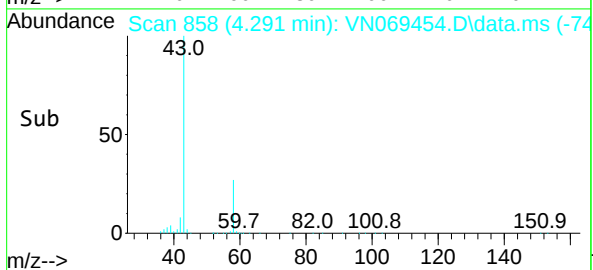
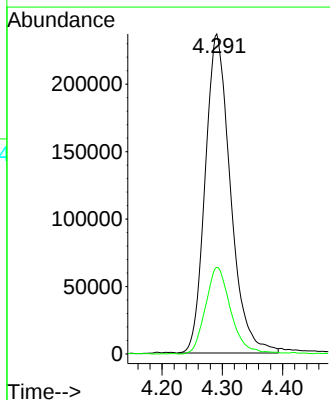
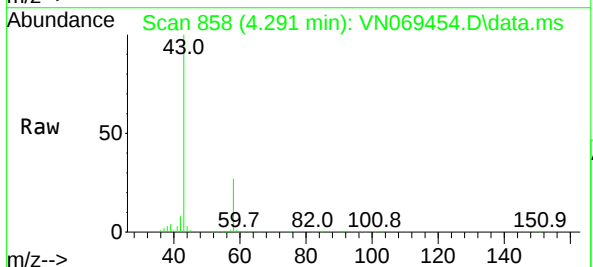
Manual Integrations
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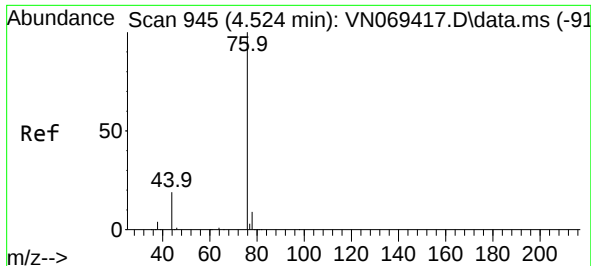
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#16
Acetone
Concen: 92.676 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

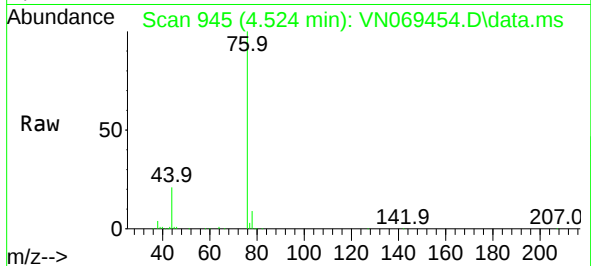
Tgt Ion: 43 Resp: 688730
Ion Ratio Lower Upper
43 100
58 27.2 23.1 34.7





#17
Carbon Disulfide
Concen: 17.870 ug/l
RT: 4.524 min Scan# 945
Delta R.T. -0.000 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

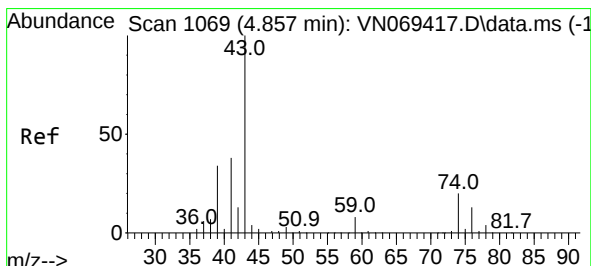
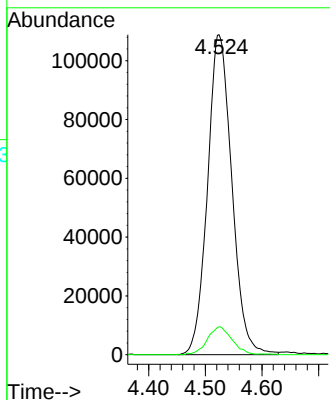
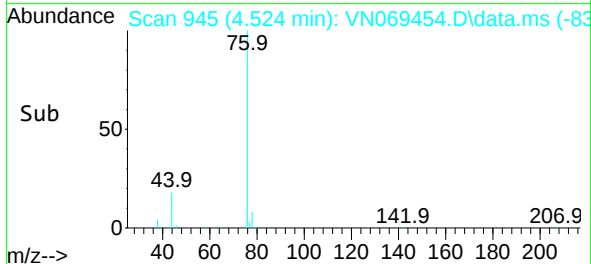
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



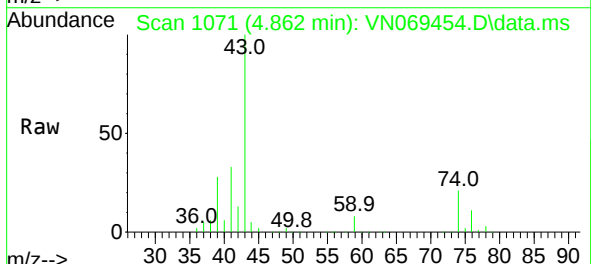
Tgt Ion: 76 Resp: 325234
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

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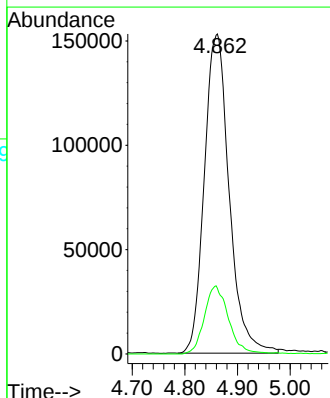
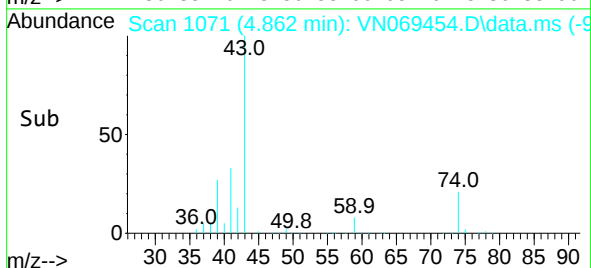
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

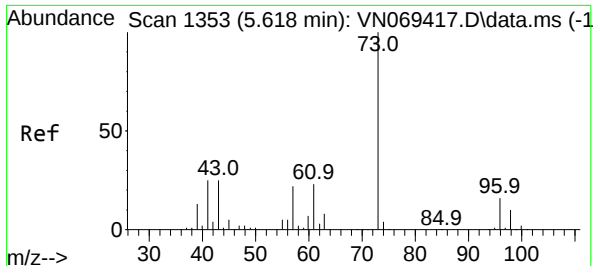


#18
Methyl Acetate
Concen: 20.756 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.005 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48



Tgt Ion: 43 Resp: 501424
Ion Ratio Lower Upper
43 100
74 20.7 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 21.592 ug/l

RT: 5.618 min Scan# 1156

Delta R.T. 0.000 min

Lab File: VN069454.D

Acq: 11 Nov 2021 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

Tgt Ion: 73 Resp: 703574

Ion Ratio Lower Upper

73 100

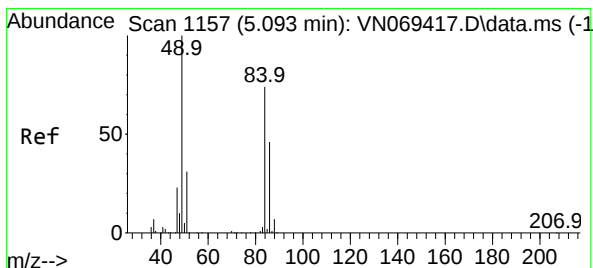
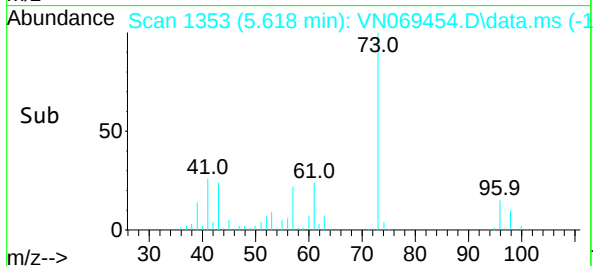
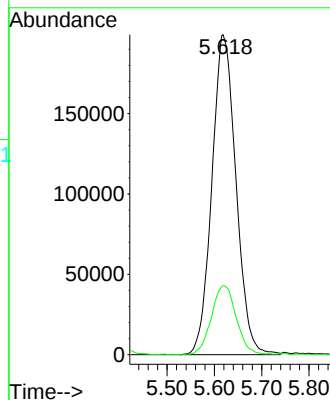
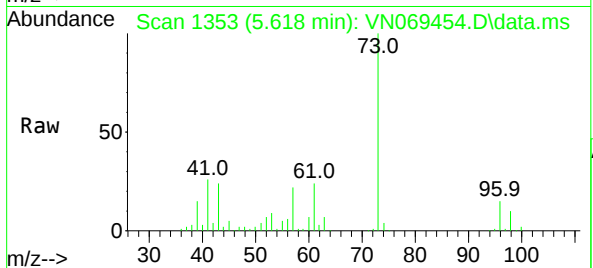
57 21.6 16.8 25.2

Manual Integrations

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Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#20

Methylene Chloride

Concen: 19.766 ug/l

RT: 5.090 min Scan# 1156

Delta R.T. -0.003 min

Lab File: VN069454.D

Acq: 11 Nov 2021 13:48

Tgt Ion: 84 Resp: 208302

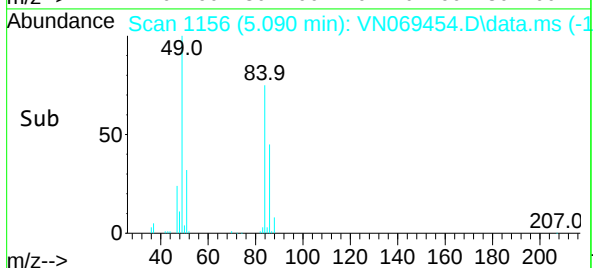
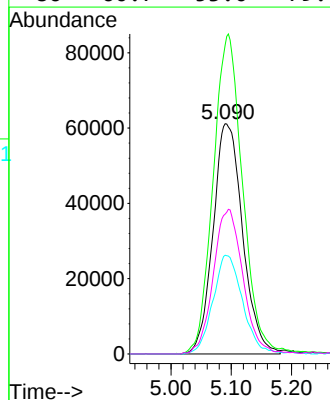
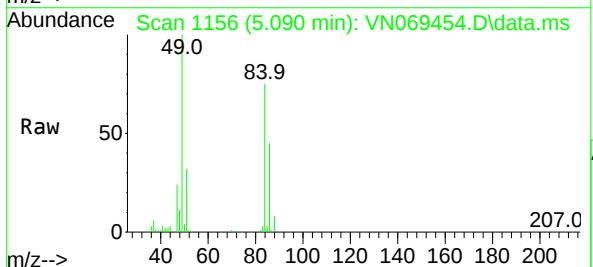
Ion Ratio Lower Upper

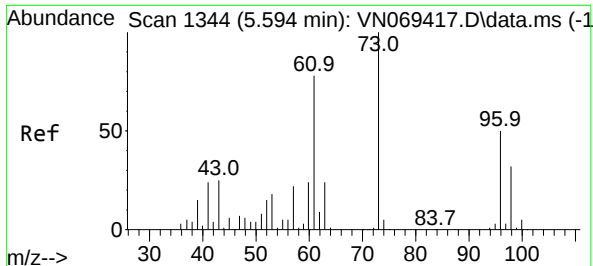
84 100

49 134.2 93.5 140.3

51 42.9 29.4 44.2

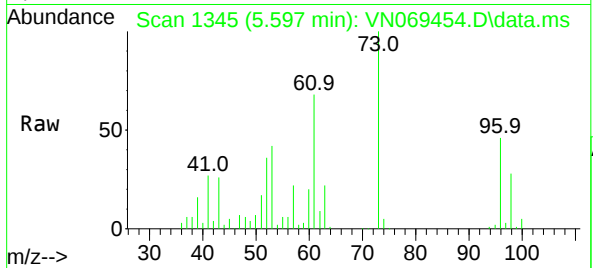
86 60.7 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 20.132 ug/l
RT: 5.597 min Scan# 1345
Delta R.T. 0.003 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

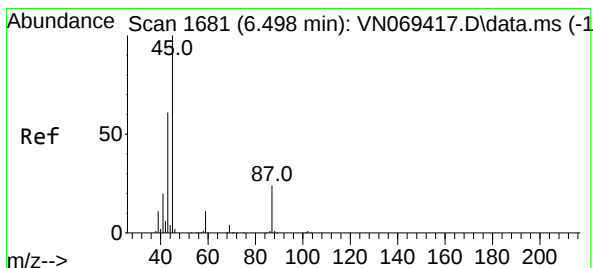
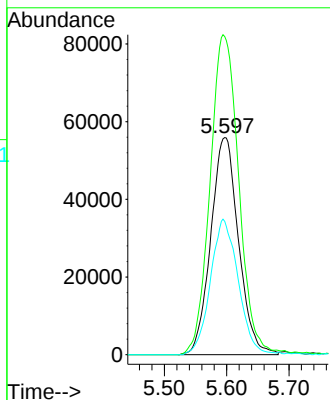
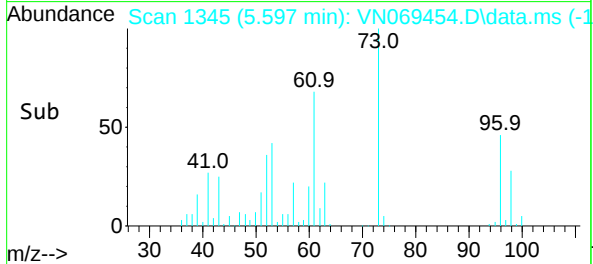
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



Tgt Ion: 96 Resp: 173128
Ion Ratio Lower Upper
96 100
61 146.5 105.8 158.6
98 61.4 52.0 78.0

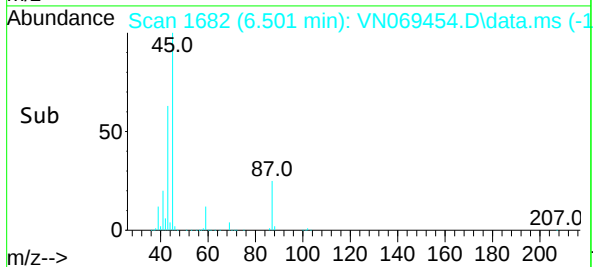
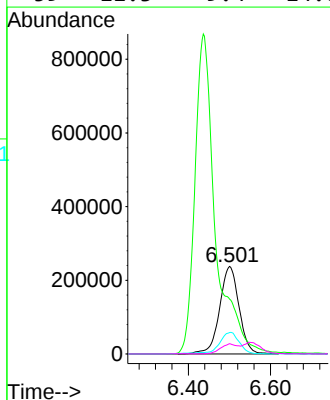
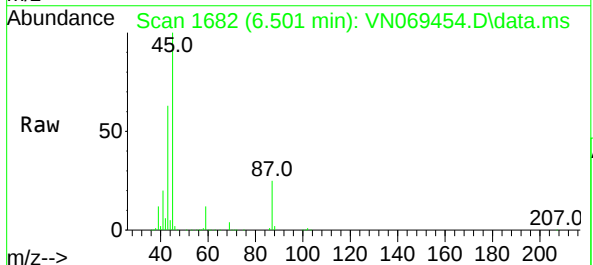
Manual Integrations
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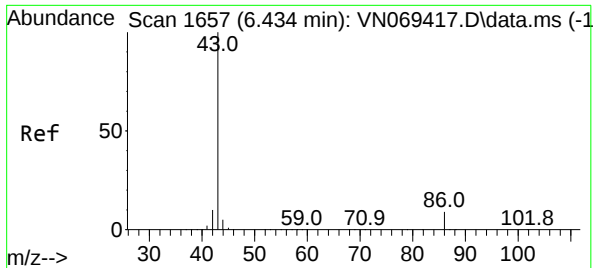
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#22
Diisopropyl ether
Concen: 21.338 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

Tgt Ion: 45 Resp: 782434
Ion Ratio Lower Upper
45 100
43 61.5 51.7 77.5
87 24.4 23.2 34.8
59 11.3 9.4 14.0





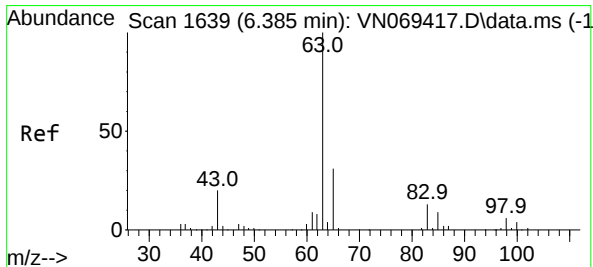
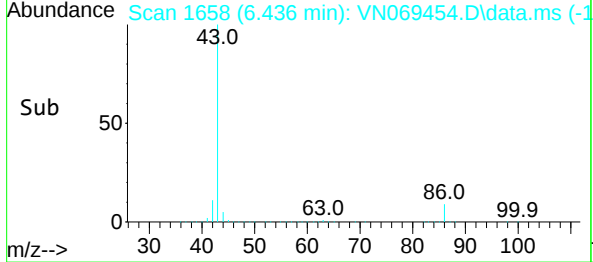
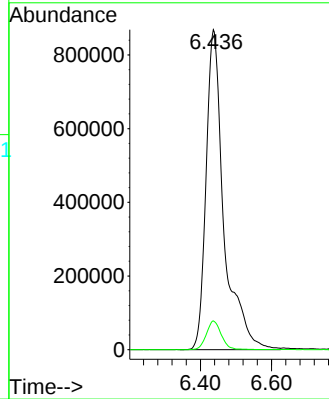
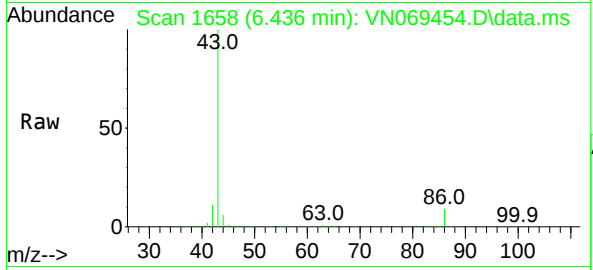
#23
 Vinyl Acetate
 Concen: 106.115 ug/l
 RT: 6.436 min Scan# 1658
 Delta R.T. 0.002 min
 Lab File: VN069454.D
 Acq: 11 Nov 2021 13:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01

Tgt Ion: 43 Resp: 300950
 Ion Ratio Lower Upper
 43 100
 86 9.0 8.5 12.7

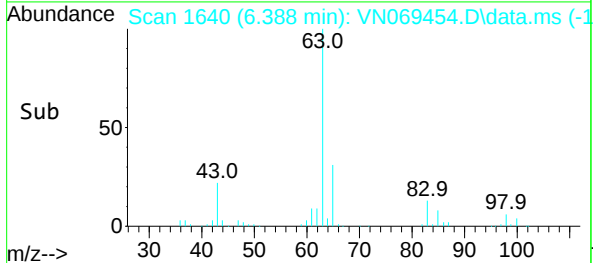
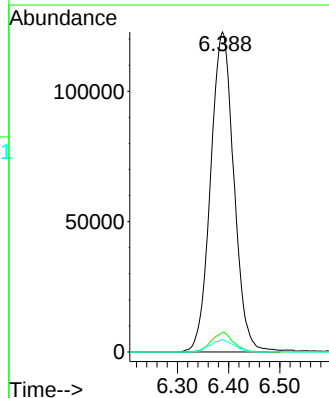
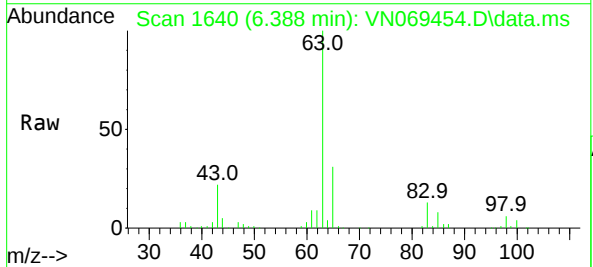
Manual Integrations
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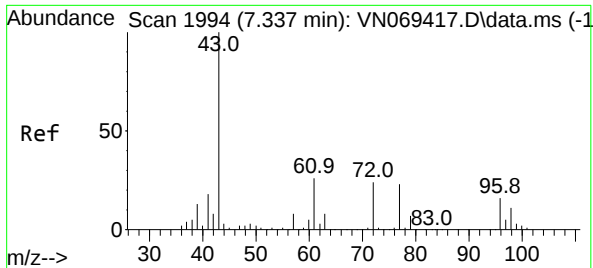
Reviewed By :John Carlone 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#24
 1,1-Dichloroethane
 Concen: 20.778 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.003 min
 Lab File: VN069454.D
 Acq: 11 Nov 2021 13:48

Tgt Ion: 63 Resp: 388071
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.9
 100 3.9 2.1 6.5





#25

2-Butanone

Concen: 102.917 ug/l

RT: 7.340 min Scan# 1995

Delta R.T. 0.003 min

Lab File: VN069454.D

Acq: 11 Nov 2021 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

Tgt Ion: 43 Resp: 103565

Ion Ratio Lower Upper

43 100

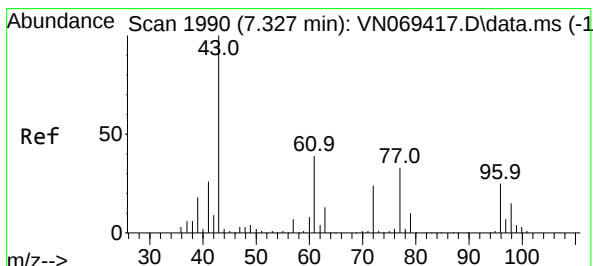
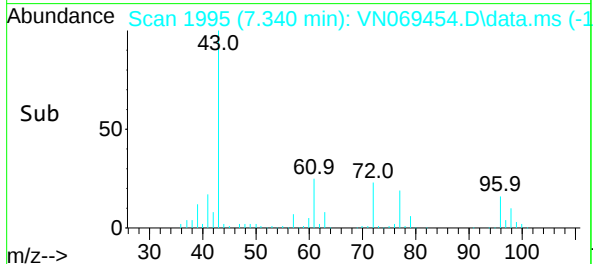
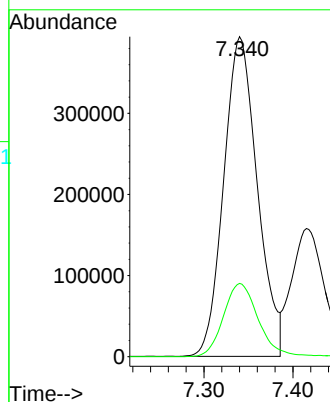
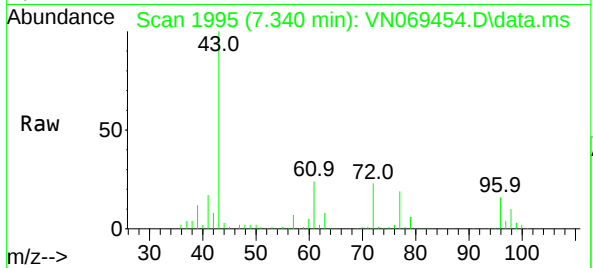
72 22.9 21.7 32.5

Manual Integrations

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Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#26

2,2-Dichloropropane

Concen: 19.146 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN069454.D

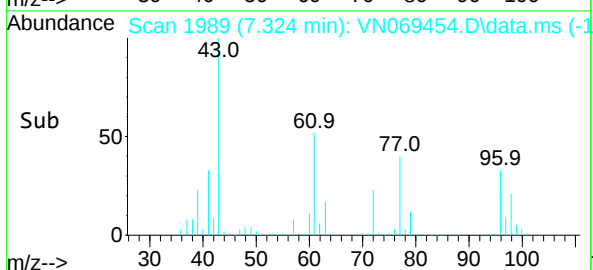
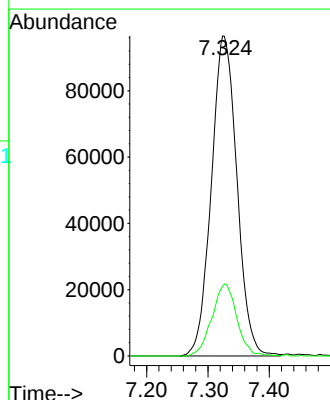
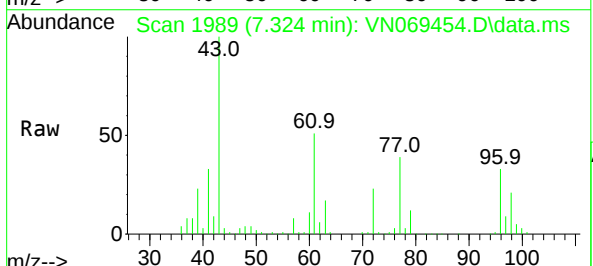
Acq: 11 Nov 2021 13:48

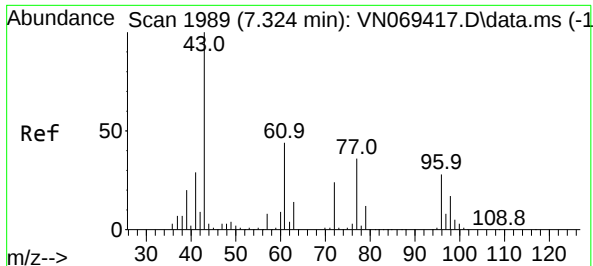
Tgt Ion: 77 Resp: 279777

Ion Ratio Lower Upper

77 100

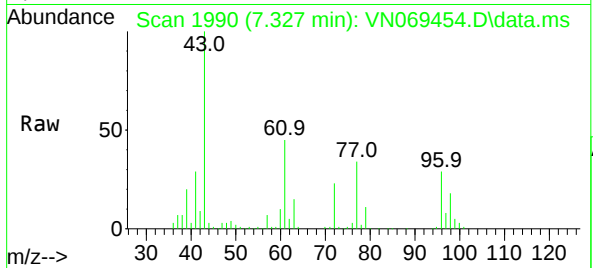
97 21.6 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 20.978 ug/l
 RT: 7.327 min Scan# 1989
 Delta R.T. 0.003 min
 Lab File: VN069454.D
 Acq: 11 Nov 2021 13:48

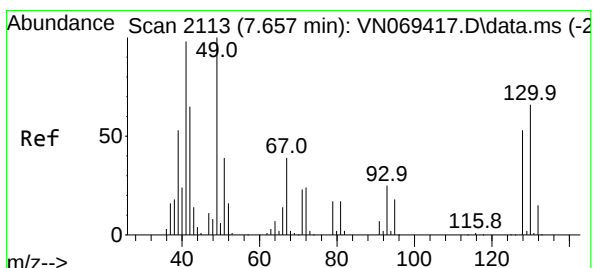
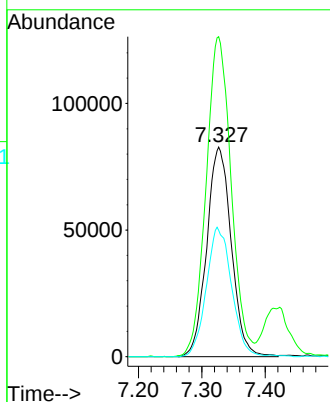
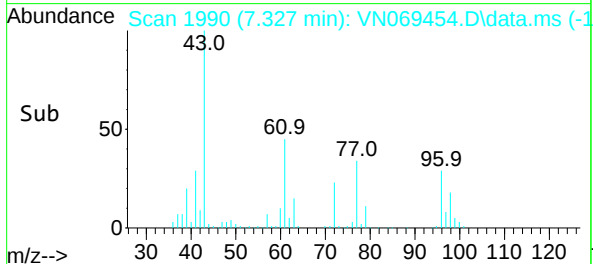
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01



Tgt Ion: 96 Resp: 223634
 Ion Ratio Lower Upper
 96 100
 61 155.4 0.0 275.0
 98 63.2 0.0 129.6

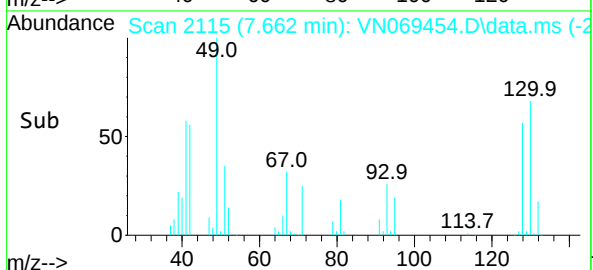
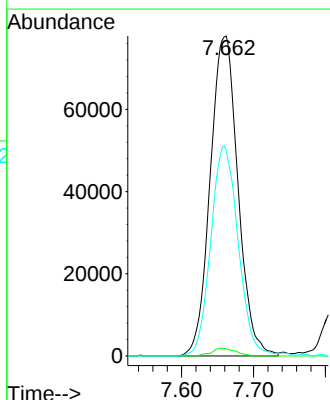
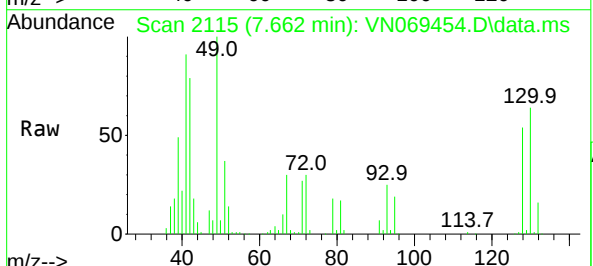
Manual Integrations
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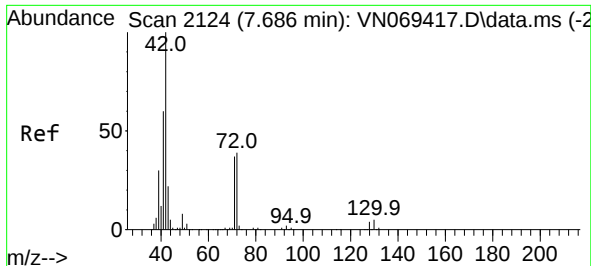
Reviewed By :John Carlone 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#28
 Bromochloromethane
 Concen: 21.842 ug/l
 RT: 7.662 min Scan# 2115
 Delta R.T. 0.005 min
 Lab File: VN069454.D
 Acq: 11 Nov 2021 13:48

Tgt Ion: 49 Resp: 208909
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 64.5 67.8 101.8#





#29

Tetrahydrofuran

Concen: 109.899 ug/l

RT: 7.689 min Scan# 2124

Delta R.T. 0.003 min

Lab File: VN069454.D

Acq: 11 Nov 2021 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

Tgt Ion: 42 Resp: 67867

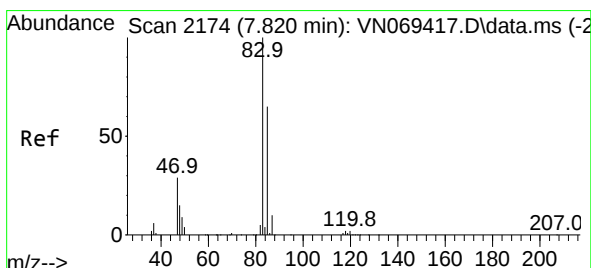
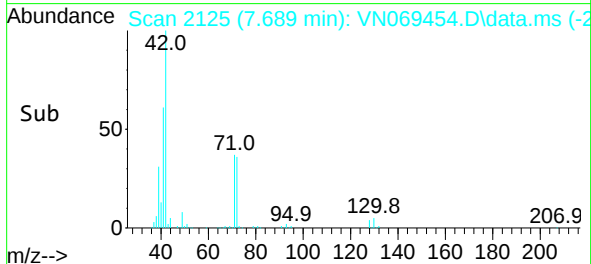
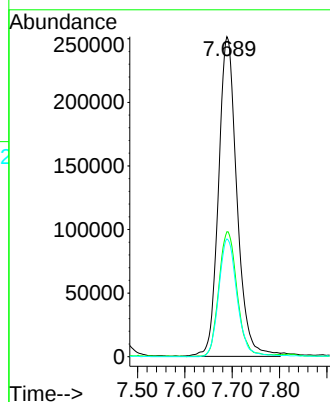
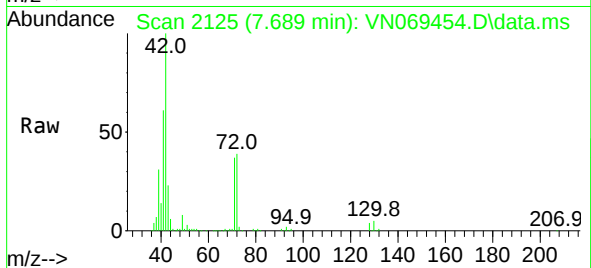
Ion	Ratio	Lower	Upper
42	100		
72	38.8	36.3	54.5
71	36.8	34.7	52.1

Manual Integrations

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Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#30

Chloroform

Concen: 21.038 ug/l

RT: 7.820 min Scan# 2174

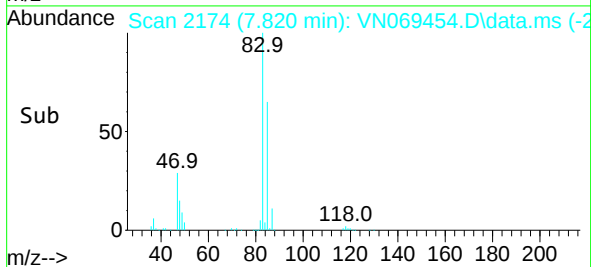
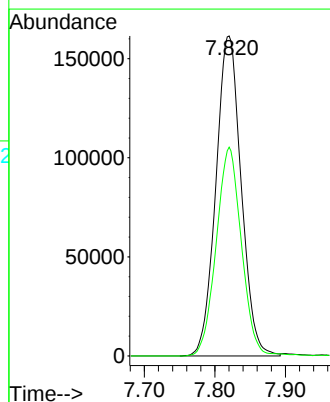
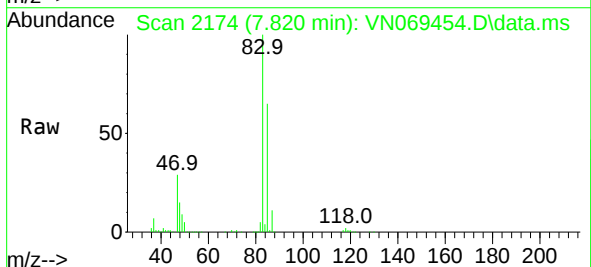
Delta R.T. 0.000 min

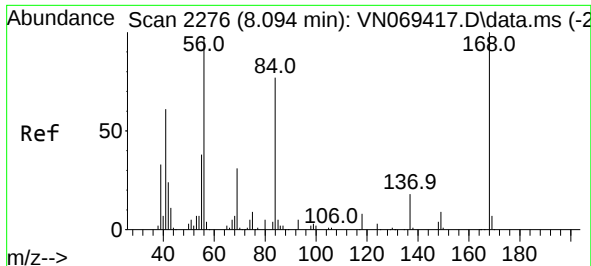
Lab File: VN069454.D

Acq: 11 Nov 2021 13:48

Tgt Ion: 83 Resp: 402812

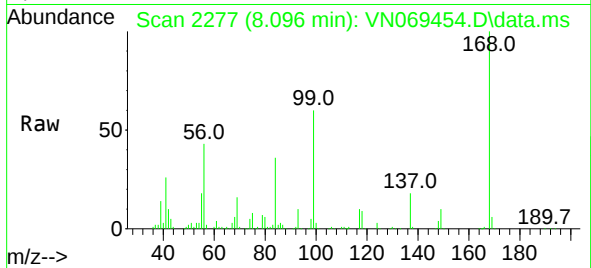
Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.9	77.9





#31
Cyclohexane
Concen: 19.592 ug/l
RT: 8.096 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

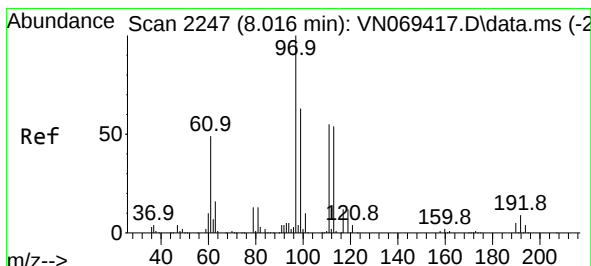
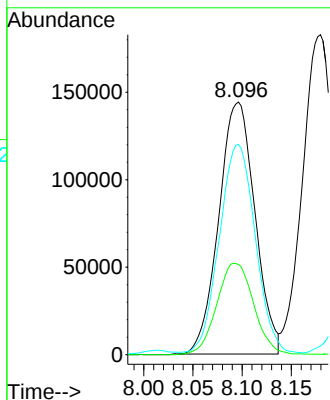
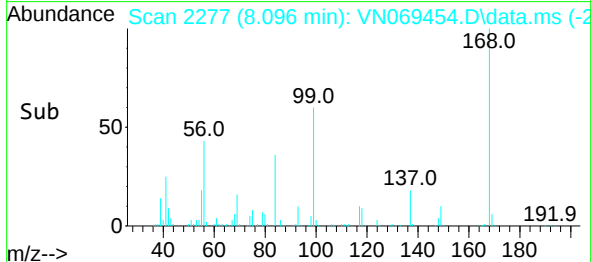
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



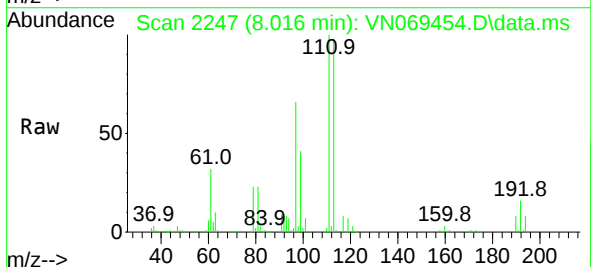
Tgt Ion: 56 Resp: 36866
Ion Ratio Lower Upper
56 100
69 35.7 27.1 40.7
84 82.4 73.4 110.0

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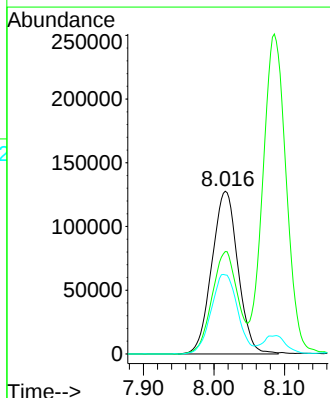
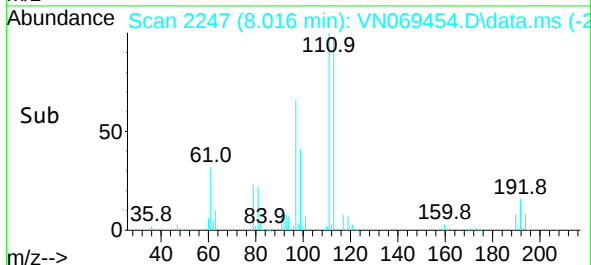
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#32
1,1,1-Trichloroethane
Concen: 20.569 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48



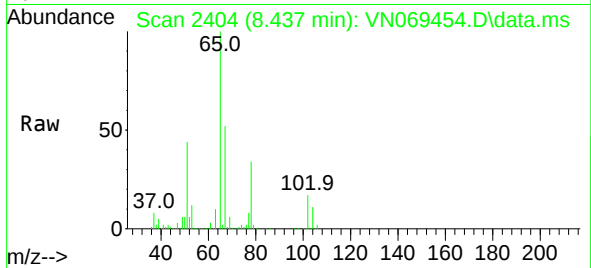
Tgt Ion: 97 Resp: 328747
Ion Ratio Lower Upper
97 100
99 62.2 50.1 75.1
61 49.3 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 54.128 ug/l
RT: 8.437 min Scan# 2405
Delta R.T. -0.003 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

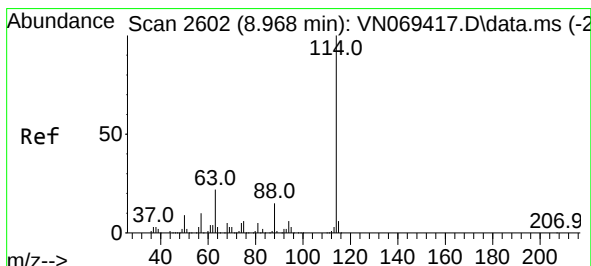
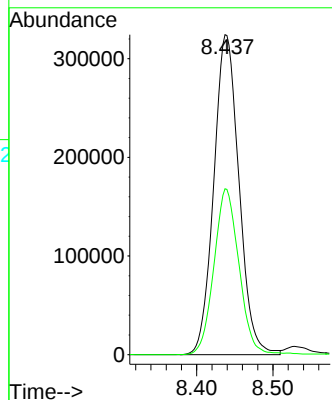
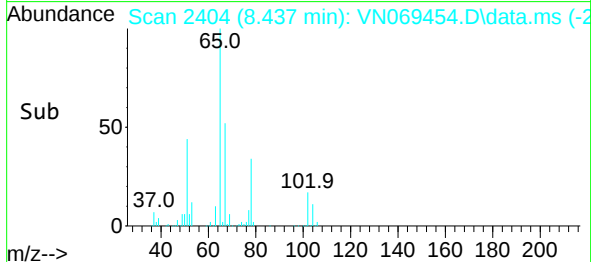
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



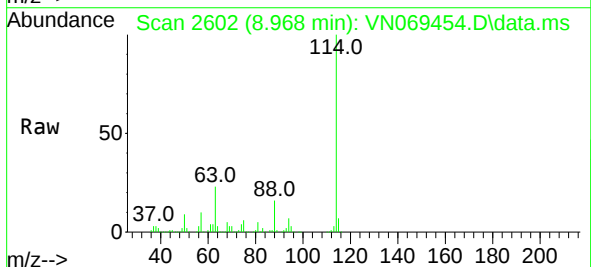
Tgt Ion: 65 Resp: 74555
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.0

Manual Integrations
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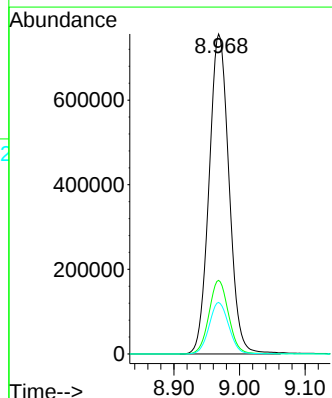
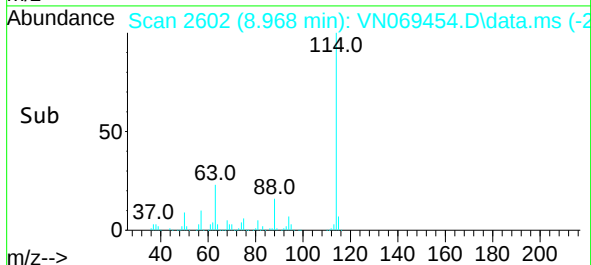
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

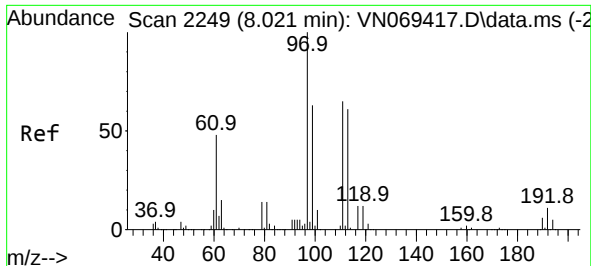


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48



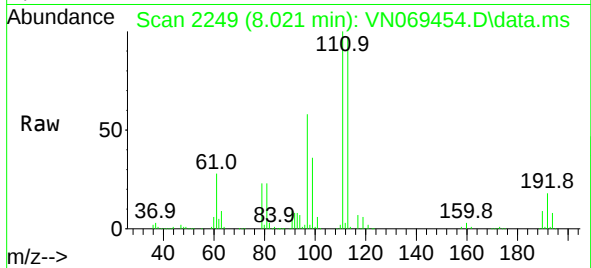
Tgt Ion:114 Resp: 1594380
Ion Ratio Lower Upper
114 100
63 23.0 0.0 37.8
88 16.1 0.0 27.4





#35
Dibromofluoromethane
Concen: 53.415 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

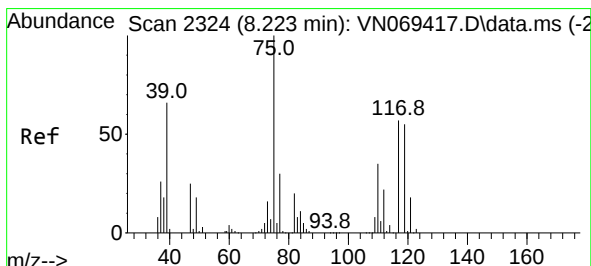
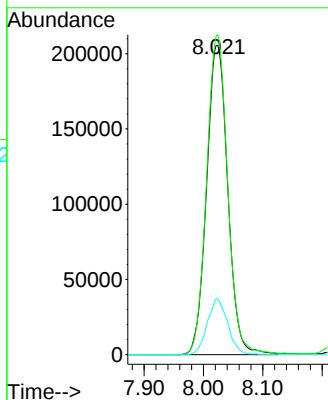
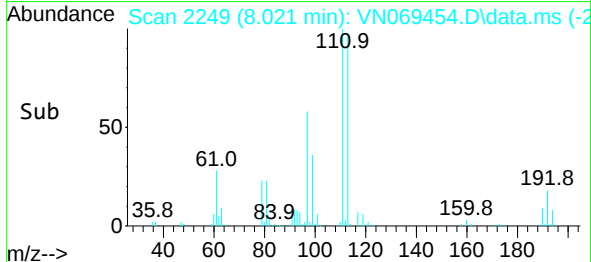
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



Tgt Ion: 113 Resp: 510780
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 17.3 16.9 25.3

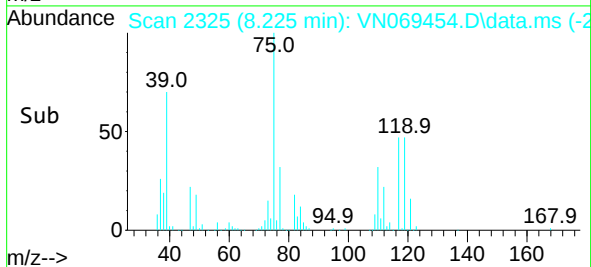
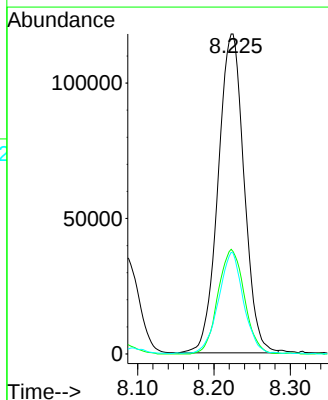
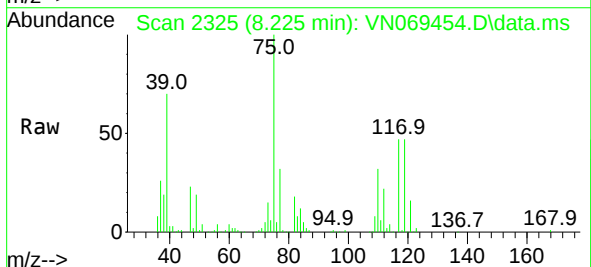
Manual Integrations
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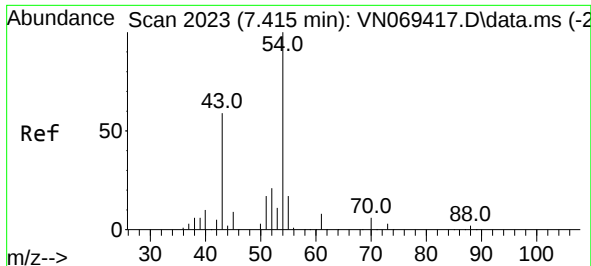
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#36
1,1-Dichloropropene
Concen: 20.736 ug/l
RT: 8.225 min Scan# 2325
Delta R.T. 0.002 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

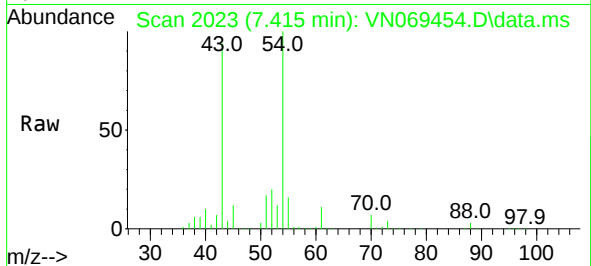
Tgt Ion: 75 Resp: 278183
Ion Ratio Lower Upper
75 100
110 33.4 18.4 55.2
77 30.4 24.4 36.6





#37
Ethyl Acetate
Concen: 22.952 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

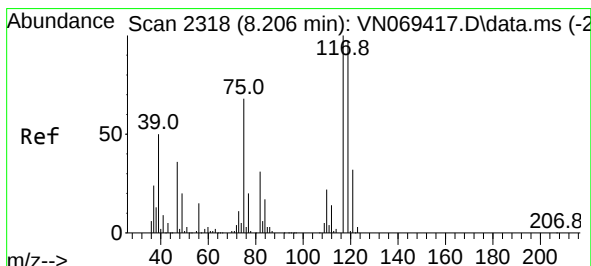
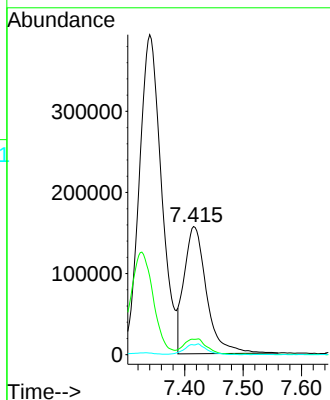
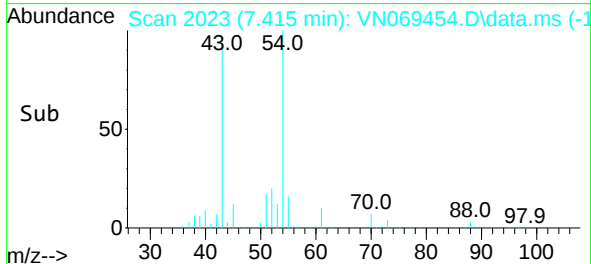
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



Tgt Ion: 43 Resp: 416230
Ion Ratio Lower Upper
43 100
61 12.2 11.5 17.3
70 3.7 7.9 11.9

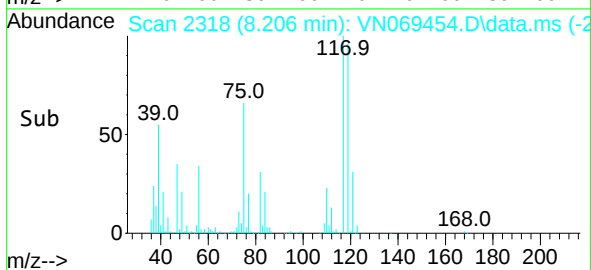
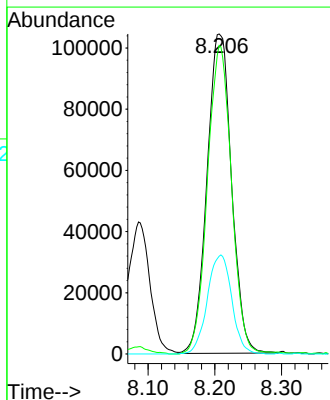
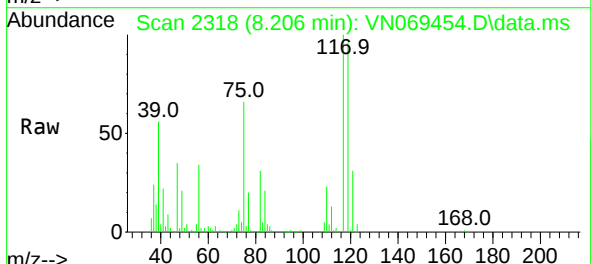
Manual Integrations
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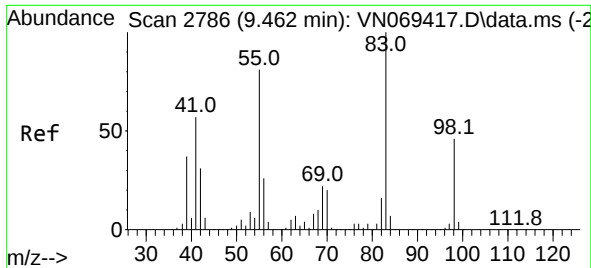
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#38
Carbon Tetrachloride
Concen: 20.623 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

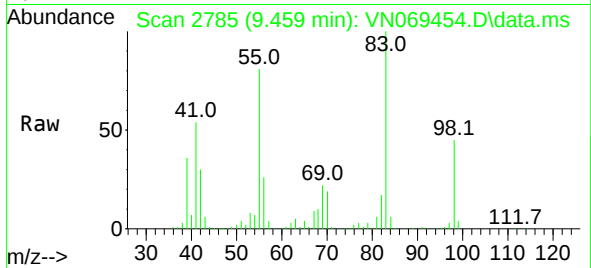
Tgt Ion:117 Resp: 267117
Ion Ratio Lower Upper
117 100
119 96.7 76.1 114.1
121 30.7 24.2 36.2





#39
Methylcyclohexane
Concen: 20.052 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

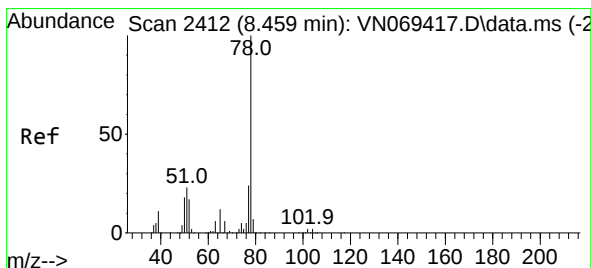
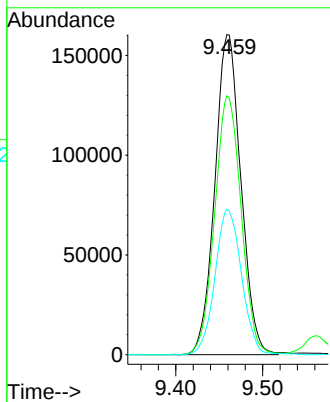
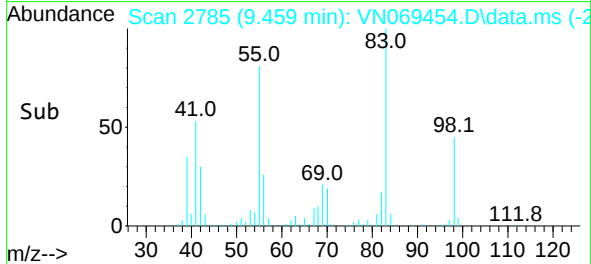
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



Tgt Ion: 83 Resp: 334648
Ion Ratio Lower Upper
83 100
55 80.9 58.1 87.1
98 45.5 38.4 57.6

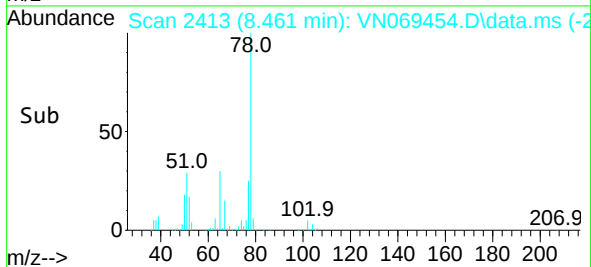
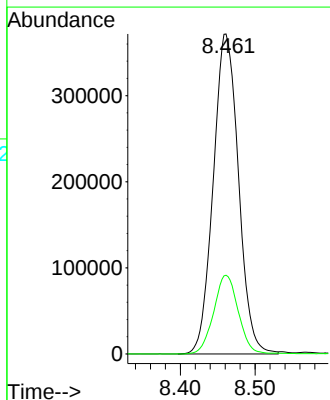
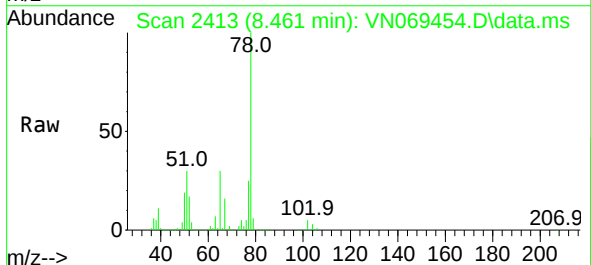
Manual Integrations
APPROVED

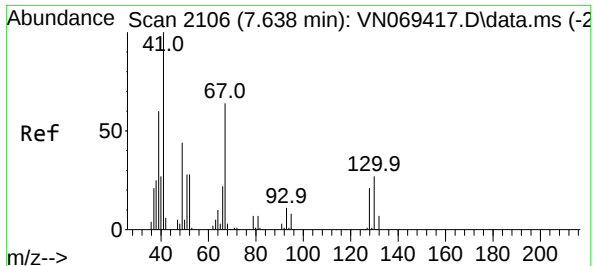
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#40
Benzene
Concen: 21.046 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.002 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

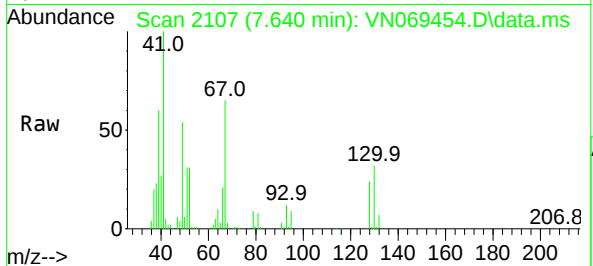
Tgt Ion: 78 Resp: 871519
Ion Ratio Lower Upper
78 100
77 24.6 18.6 27.8





#41
Methacrylonitrile
Concen: 20.170 ug/l
RT: 7.640 min Scan# 2106
Delta R.T. 0.002 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

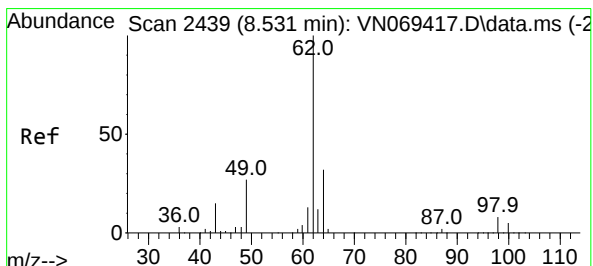
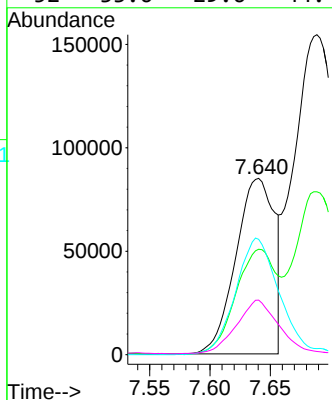
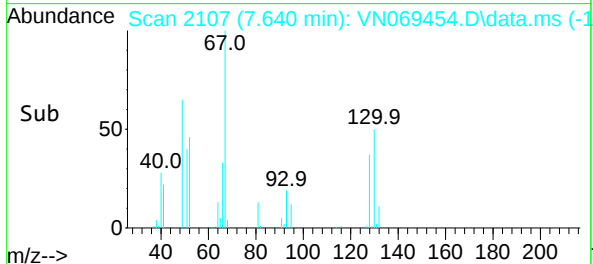
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



Tgt Ion: 41 Resp: 189009
Ion Ratio Lower Upper
41 100
39 62.8 48.1 72.1
67 76.0 68.3 102.5
52 33.6 29.6 44.4

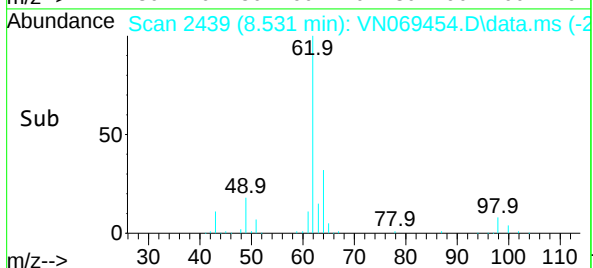
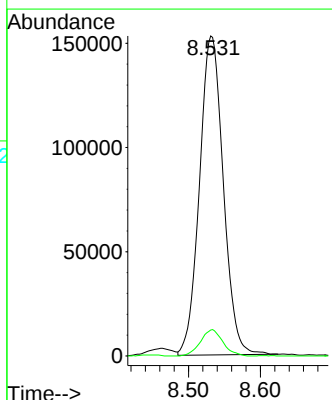
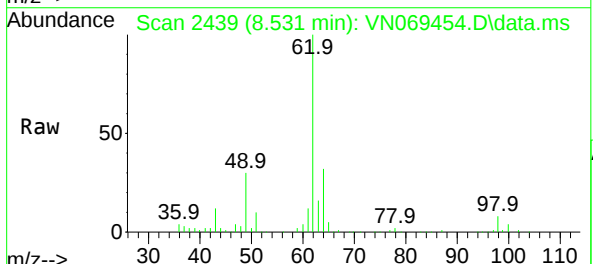
Manual Integrations
APPROVED

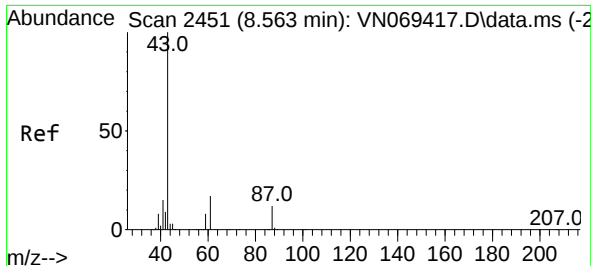
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#42
1,2-Dichloroethane
Concen: 21.786 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

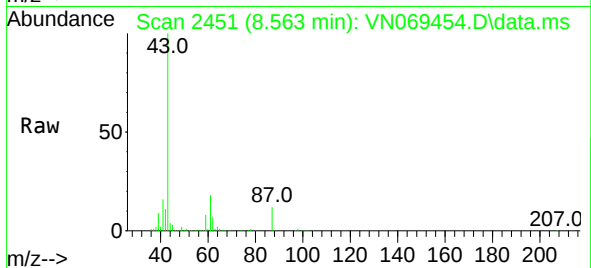
Tgt Ion: 62 Resp: 353244
Ion Ratio Lower Upper
62 100
98 7.8 0.0 17.6





#43
Isopropyl Acetate
Concen: 21.605 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

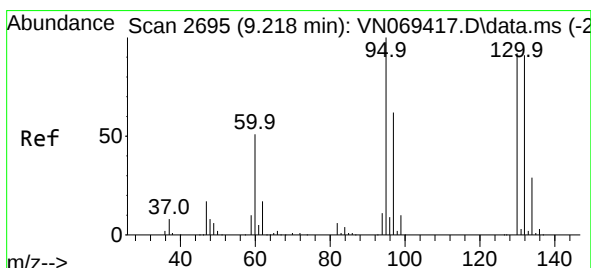
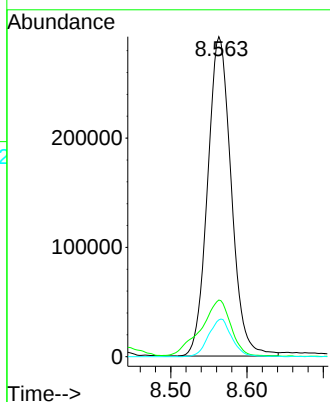
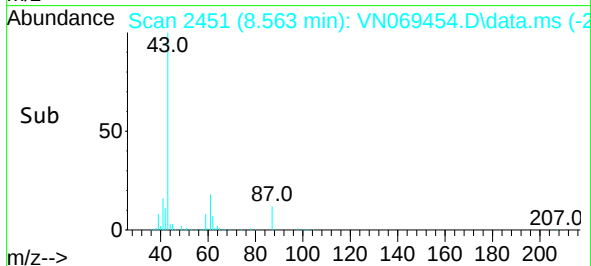
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



Tgt Ion: 43 Resp: 62934
Ion Ratio Lower Upper
43 100
61 22.2 20.4 30.6
87 11.5 11.2 16.8

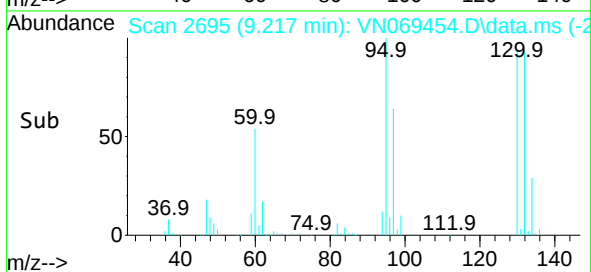
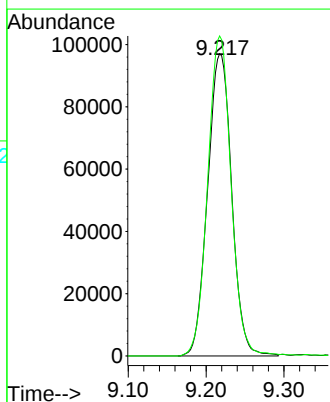
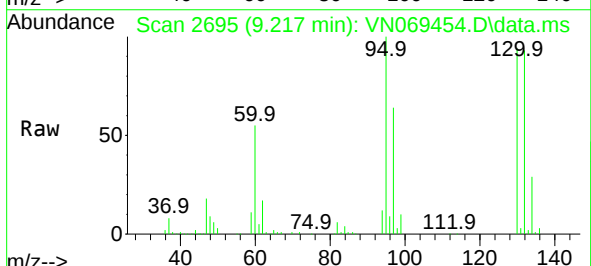
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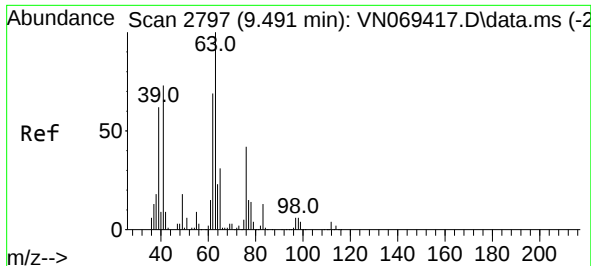
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#44
Trichloroethene
Concen: 21.016 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.001 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

Tgt Ion:130 Resp: 208275
Ion Ratio Lower Upper
130 100
95 105.9 0.0 191.2





#45

1,2-Dichloropropane

Concen: 21.334 ug/l

RT: 9.491 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN069454.D

Acq: 11 Nov 2021 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

Tgt Ion: 63 Resp: 23602

Ion Ratio Lower Upper

63 100

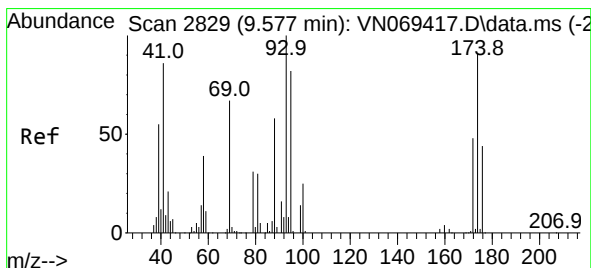
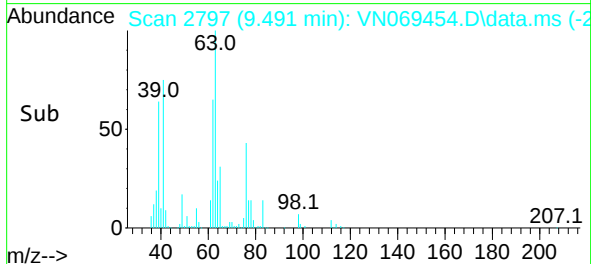
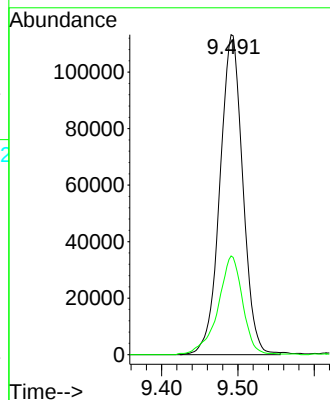
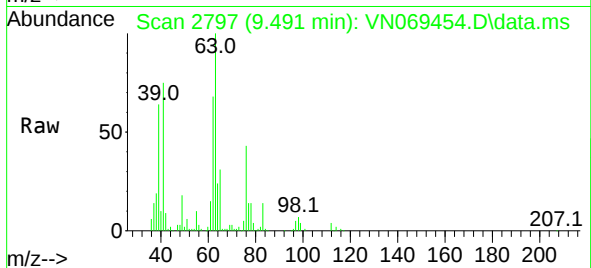
65 30.6 24.7 37.1

Manual Integrations

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Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#46

Dibromomethane

Concen: 21.239 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN069454.D

Acq: 11 Nov 2021 13:48

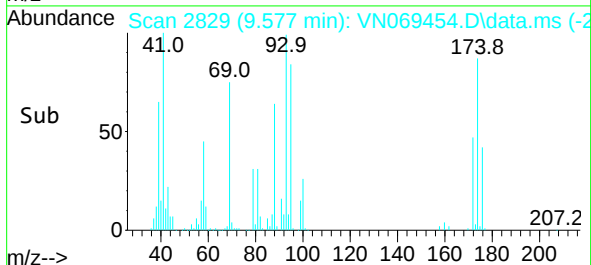
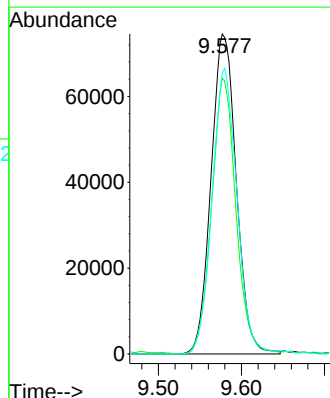
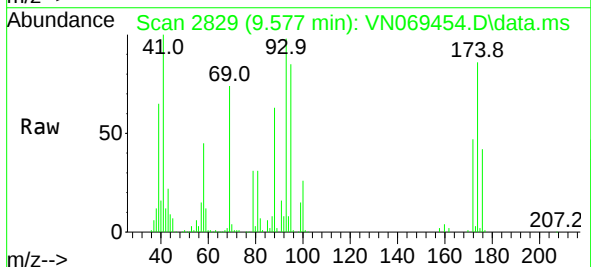
Tgt Ion: 93 Resp: 157387

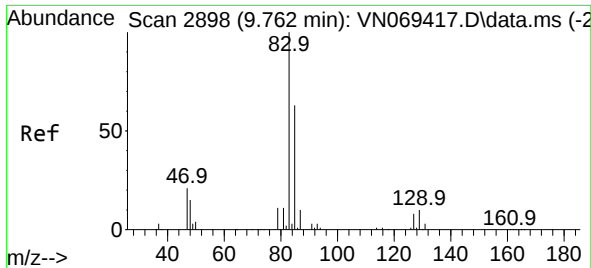
Ion Ratio Lower Upper

93 100

95 82.8 65.9 98.9

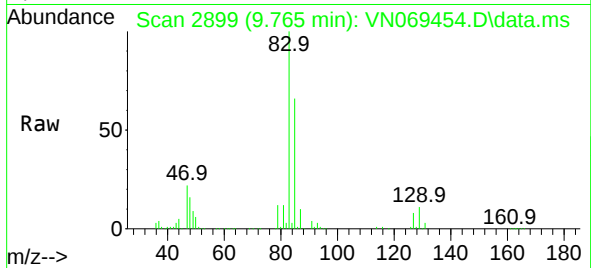
174 88.0 84.6 127.0





#47
Bromodichloromethane
Concen: 21.168 ug/l
RT: 9.765 min Scan# 2898
Delta R.T. 0.003 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

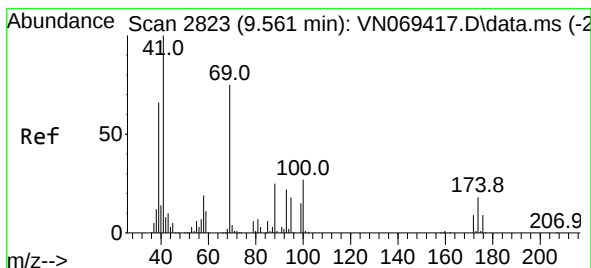
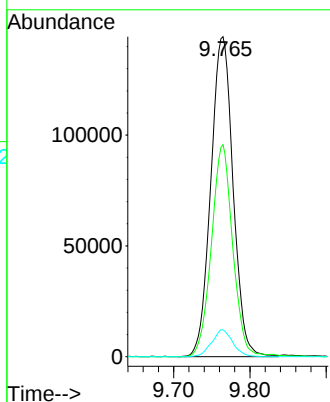
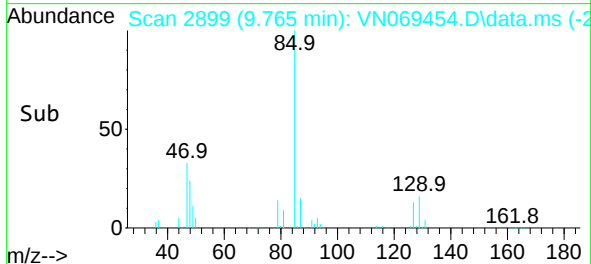
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



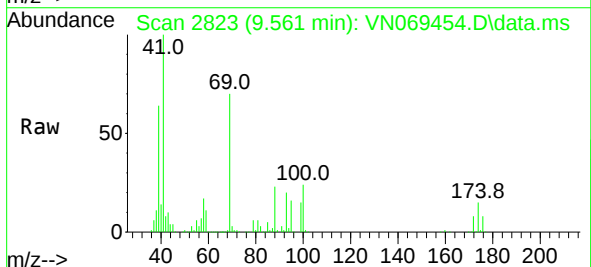
Tgt Ion: 83 Resp: 29272
Ion Ratio Lower Upper
83 100
85 66.3 50.9 76.3
127 8.4 7.1 10.7

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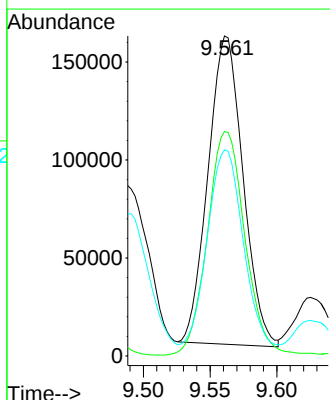
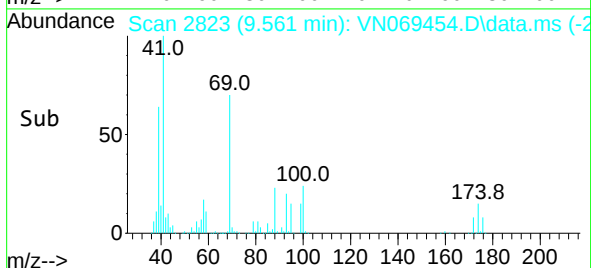
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

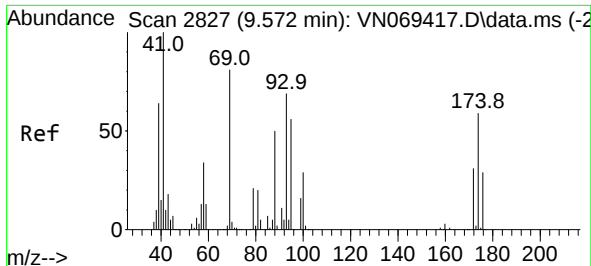


#48
Methyl methacrylate
Concen: 20.898 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48



Tgt Ion: 41 Resp: 286391
Ion Ratio Lower Upper
41 100
69 77.9 72.4 108.6
39 64.5 58.4 87.6





#49

1,4-Dioxane

Concen: 437.690 ug/l

RT: 9.569 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069454.D

Acq: 11 Nov 2021 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

Tgt Ion: 88 Resp: 112660

Ion Ratio Lower Upper

88 100

43 35.0 23.4 35.2

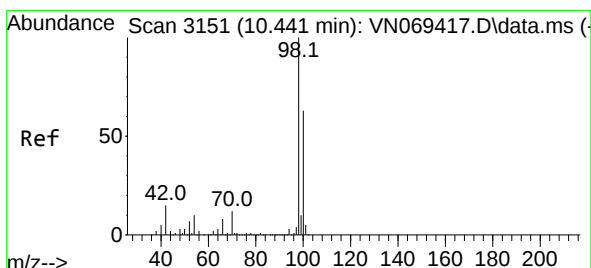
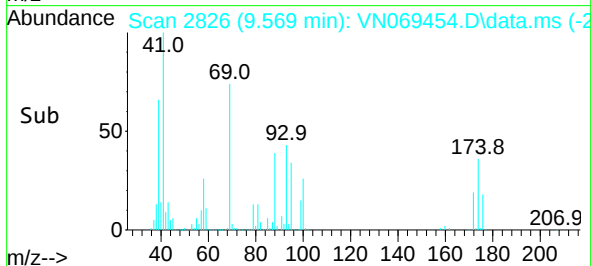
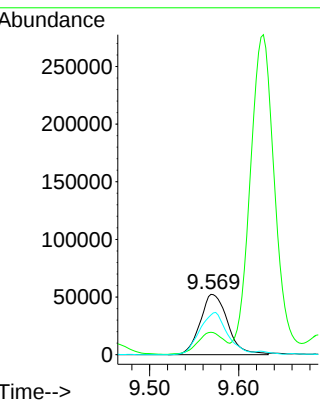
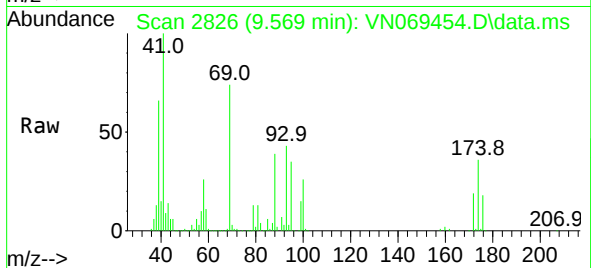
58 70.6 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#50

Toluene-d8

Concen: 53.442 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.002 min

Lab File: VN069454.D

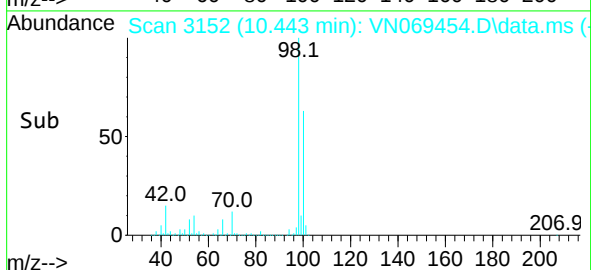
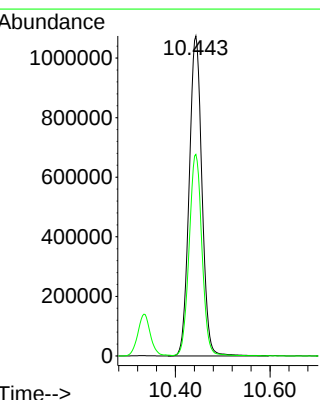
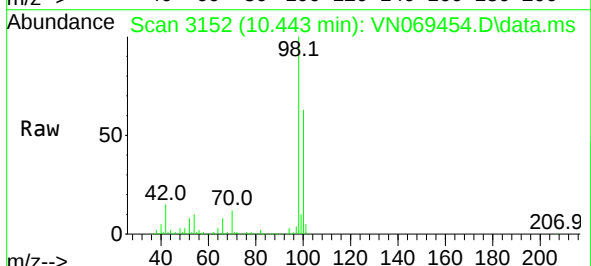
Acq: 11 Nov 2021 13:48

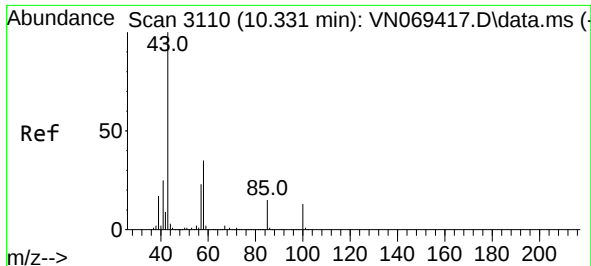
Tgt Ion: 98 Resp: 2009883

Ion Ratio Lower Upper

98 100

100 63.0 50.4 75.6





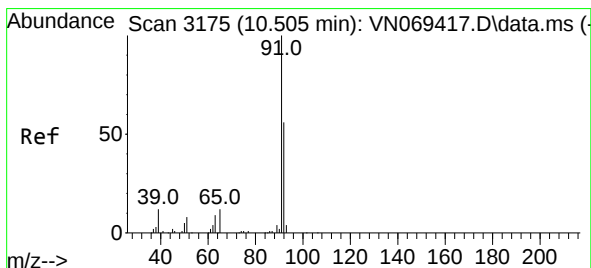
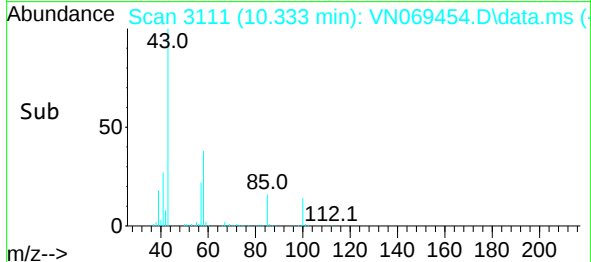
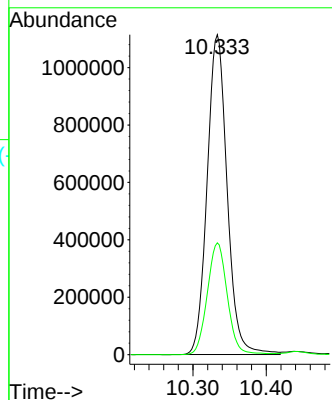
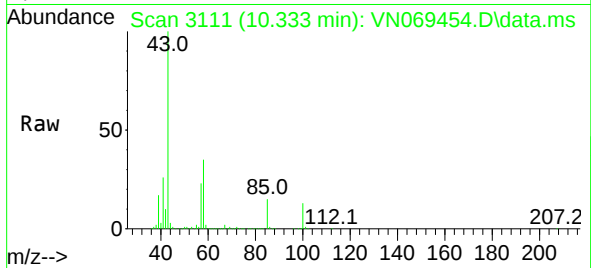
#51
4-Methyl-2-Pentanone
Concen: 112.337 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion: 43 Resp: 211216
Ion Ratio Lower Upper
43 100
58 35.0 30.4 45.6

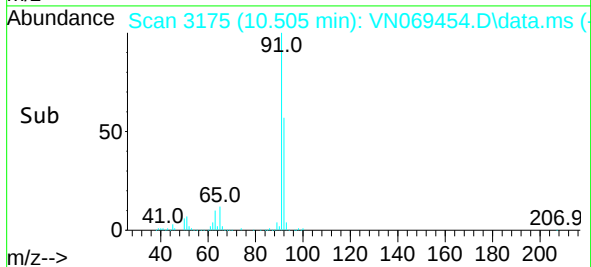
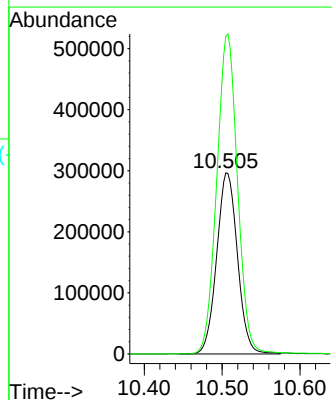
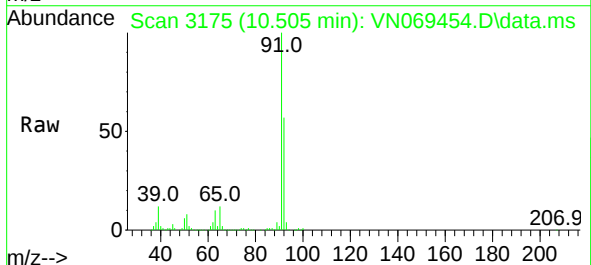
Manual Integrations
APPROVED

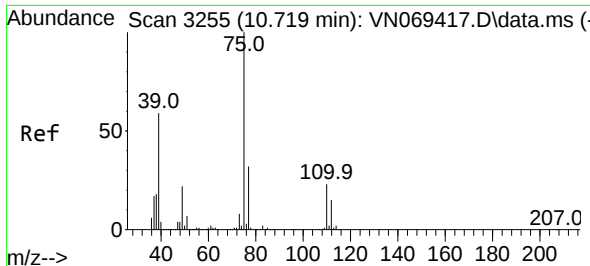
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#52
Toluene
Concen: 21.251 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

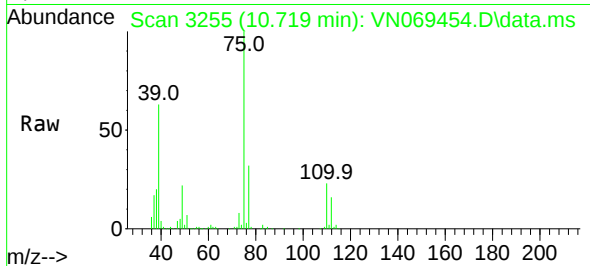
Tgt Ion: 92 Resp: 548226
Ion Ratio Lower Upper
92 100
91 176.8 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 18.974 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

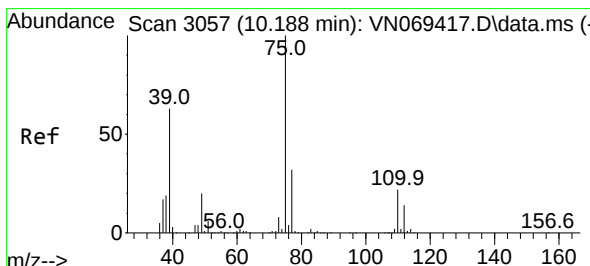
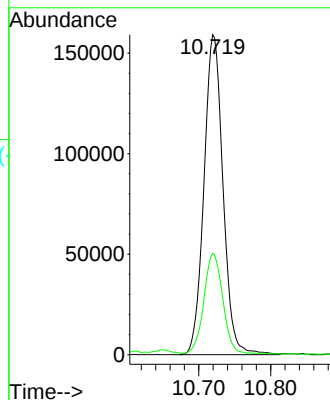
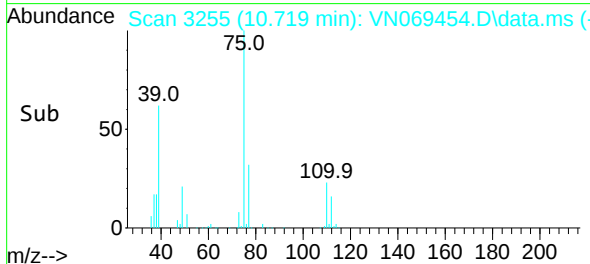
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



Tgt Ion: 75 Resp: 29323
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4

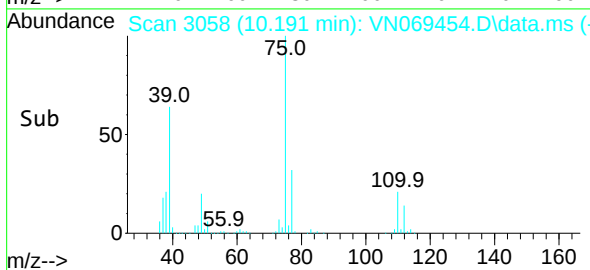
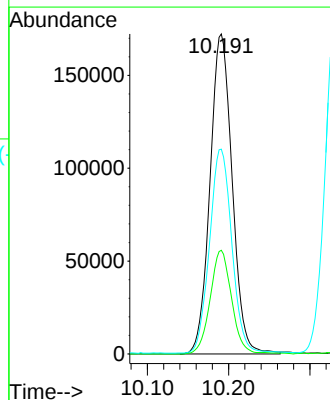
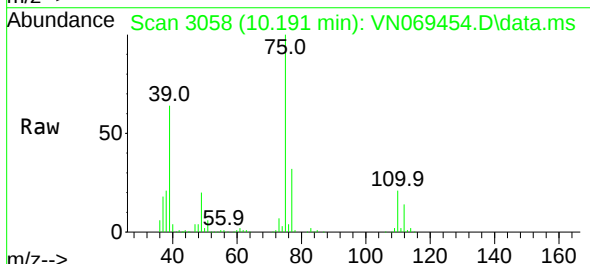
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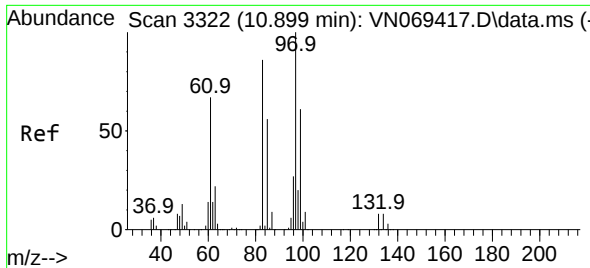
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#54
cis-1,3-Dichloropropene
Concen: 19.335 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.003 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

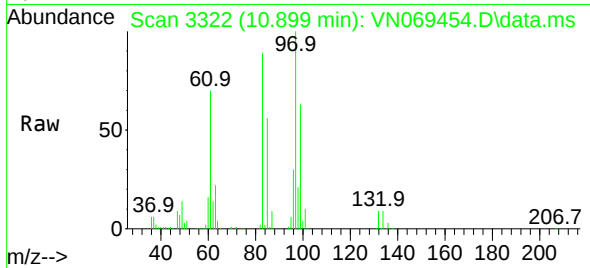
Tgt Ion: 75 Resp: 326687
Ion Ratio Lower Upper
75 100
77 32.4 26.4 39.6
39 63.7 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 21.739 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

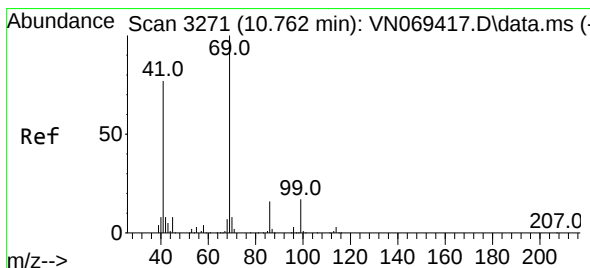
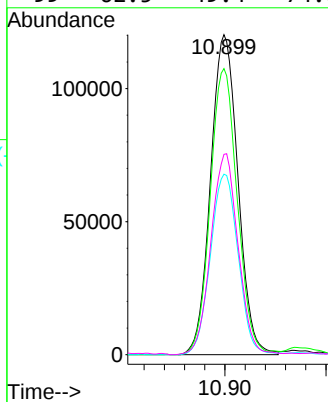
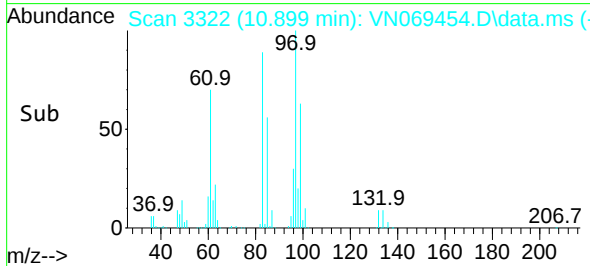
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



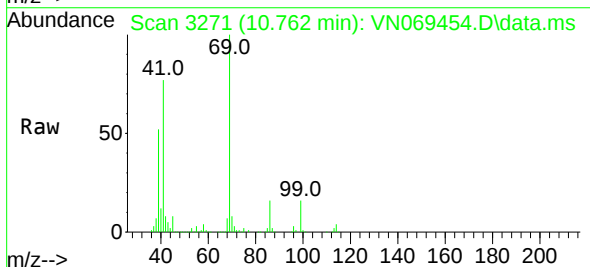
Tgt Ion: 97 Resp: 226060
Ion Ratio Lower Upper
97 100
83 89.4 67.8 101.6
85 56.4 45.4 68.2
99 62.5 49.4 74.0

Manual Integrations
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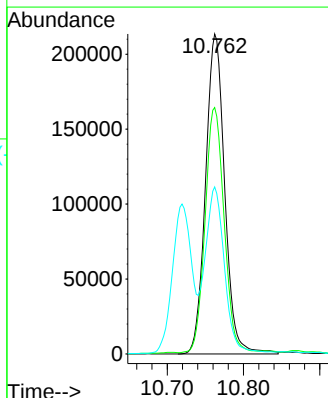
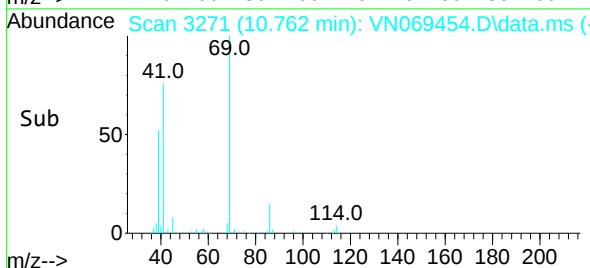
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#56
Ethyl methacrylate
Concen: 20.270 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48



Tgt Ion: 69 Resp: 372292
Ion Ratio Lower Upper
69 100
41 76.1 51.4 77.0
39 50.9 34.6 52.0





#57

1,3-Dichloropropane

Concen: 21.525 ug/l

RT: 11.047 min Scan# 31

Delta R.T. 0.003 min

Lab File: VN069454.D

Acq: 11 Nov 2021 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

Tgt Ion: 76 Resp: 39334

Ion Ratio Lower Upper

76 100

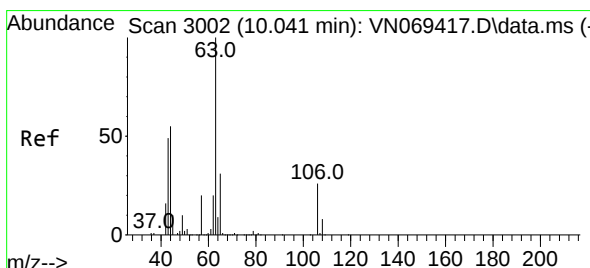
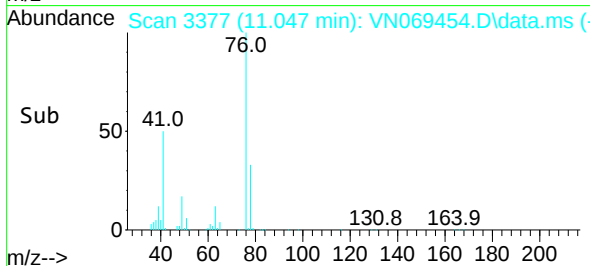
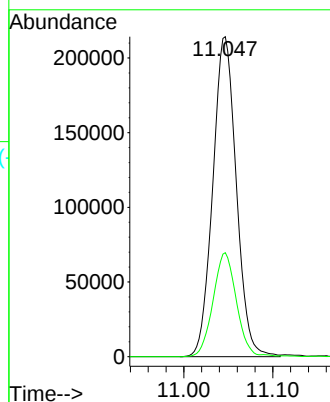
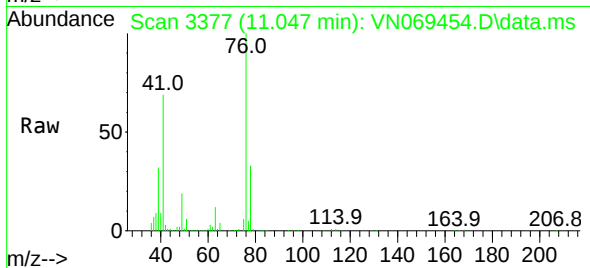
78 32.3 25.7 38.5

Manual Integrations

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Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#58

2-Chloroethyl Vinyl ether

Concen: 85.976 ug/l

RT: 10.043 min Scan# 3003

Delta R.T. 0.002 min

Lab File: VN069454.D

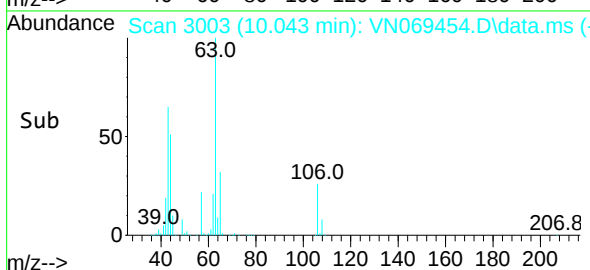
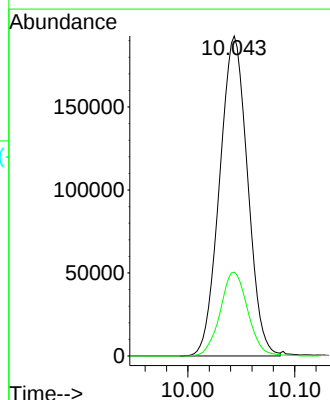
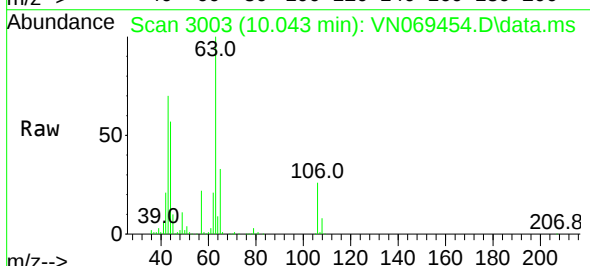
Acq: 11 Nov 2021 13:48

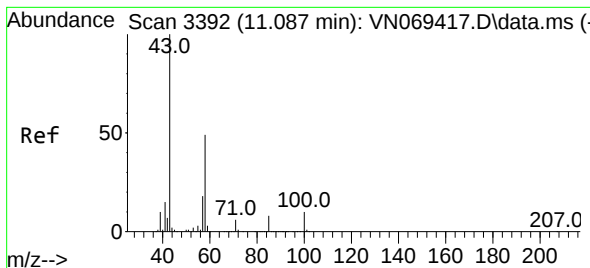
Tgt Ion: 63 Resp: 350418

Ion Ratio Lower Upper

63 100

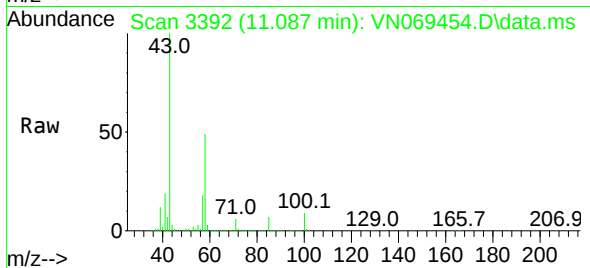
106 25.9 23.9 35.9





#59
2-Hexanone
Concen: 100.438 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

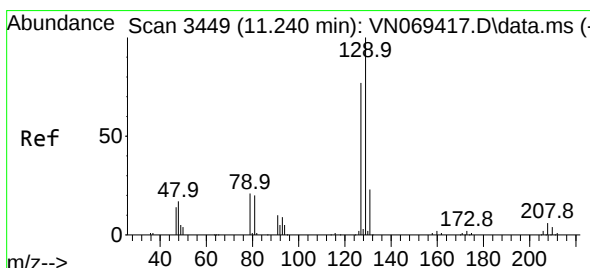
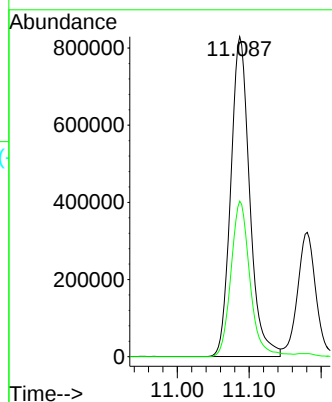
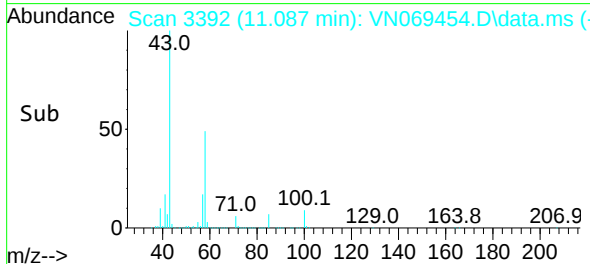
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



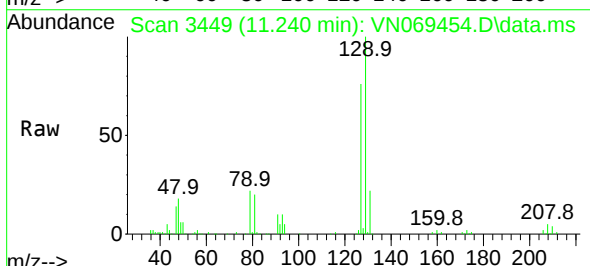
Tgt Ion: 43 Resp: 151658
Ion Ratio Lower Upper
43 100
58 49.0 26.9 80.7

Manual Integrations
APPROVED

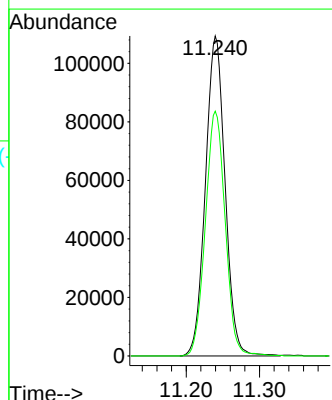
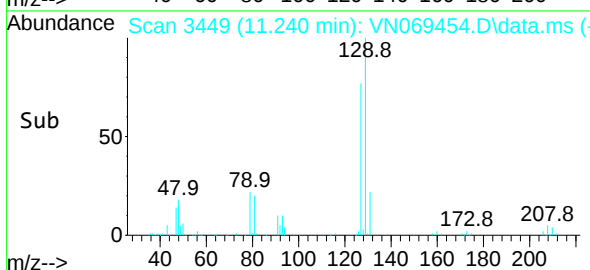
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

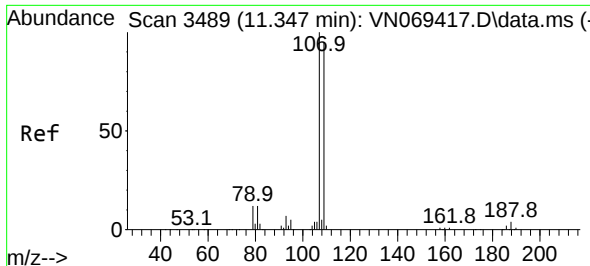


#60
Dibromochloromethane
Concen: 19.384 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48



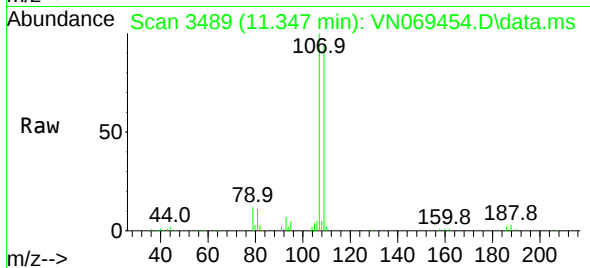
Tgt Ion:129 Resp: 203490
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.115 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

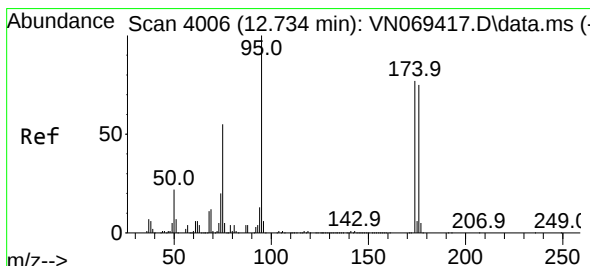
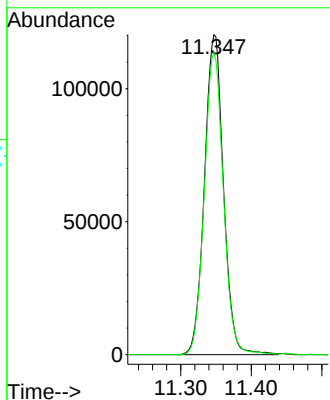
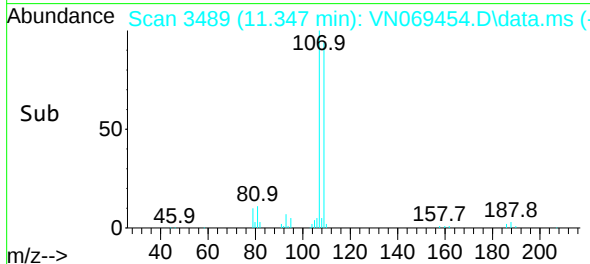
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



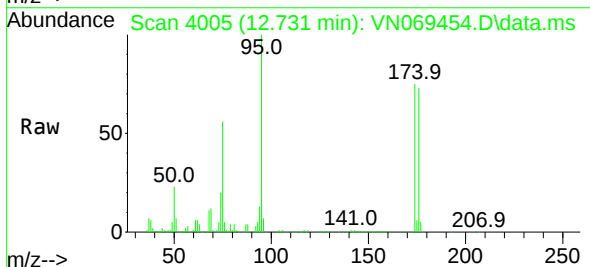
Tgt Ion:107 Resp: 225885
Ion Ratio Lower Upper
107 100
109 94.4 75.7 113.5

Manual Integrations
APPROVED

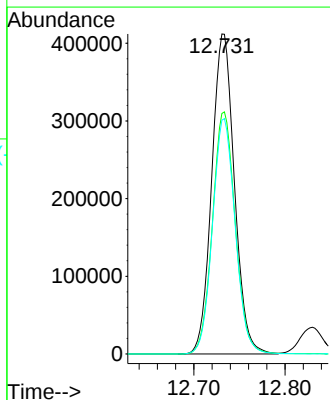
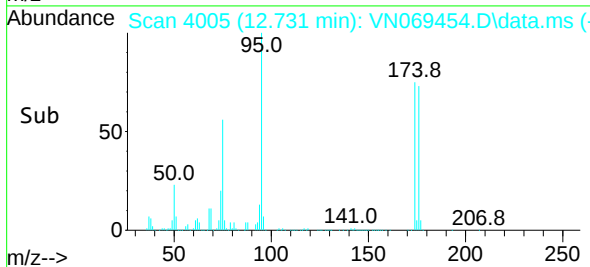
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

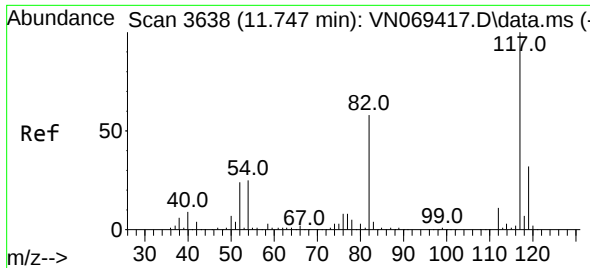


#62
4-Bromofluorobenzene
Concen: 51.451 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48



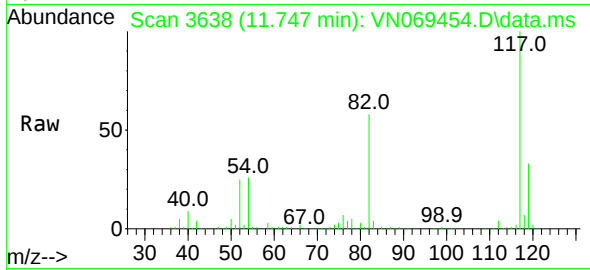
Tgt Ion: 95 Resp: 710848
Ion Ratio Lower Upper
95 100
174 76.2 0.0 187.2
176 73.6 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

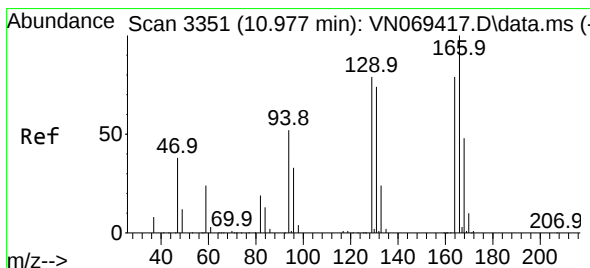
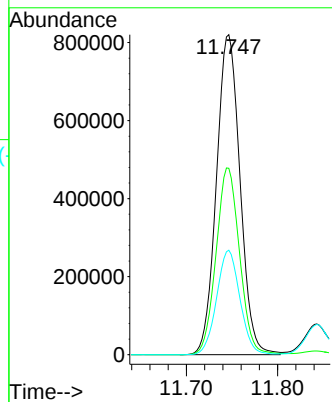
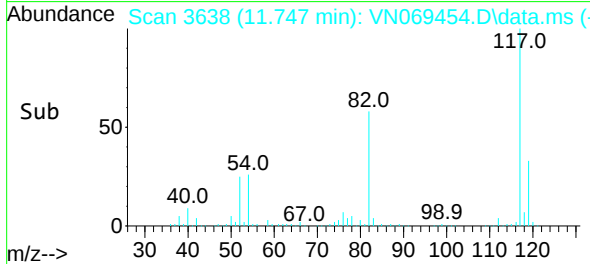
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



Tgt Ion:117 Resp: 147688
Ion Ratio Lower Upper
117 100
82 58.2 42.4 63.6
119 32.7 25.4 38.2

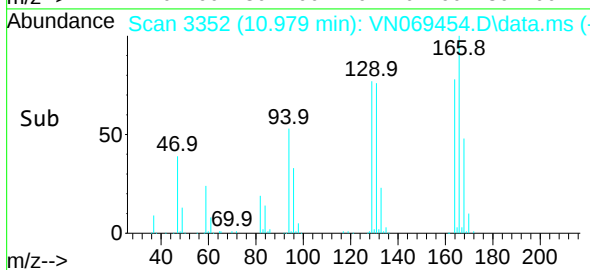
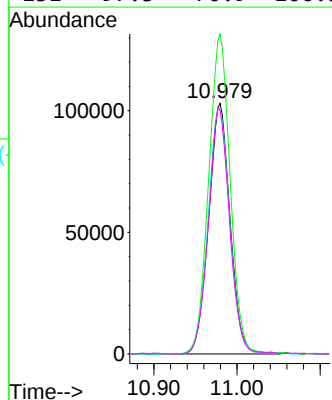
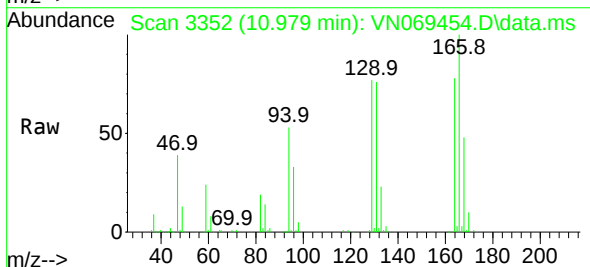
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#64
Tetrachloroethene
Concen: 20.705 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.002 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

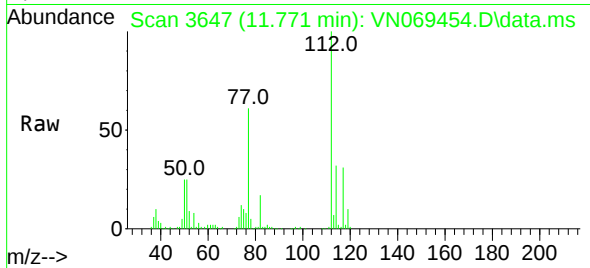
Tgt Ion:164 Resp: 184637
Ion Ratio Lower Upper
164 100
166 127.7 101.9 152.9
129 97.9 72.0 108.0
131 97.3 70.9 106.3





#65
Chlorobenzene
Concen: 21.151 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

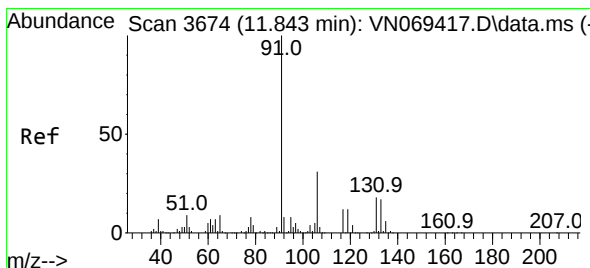
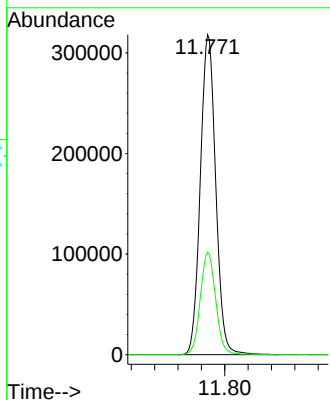
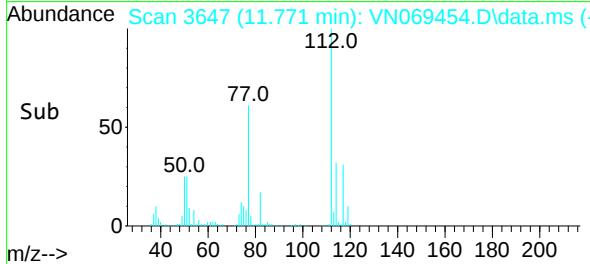
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



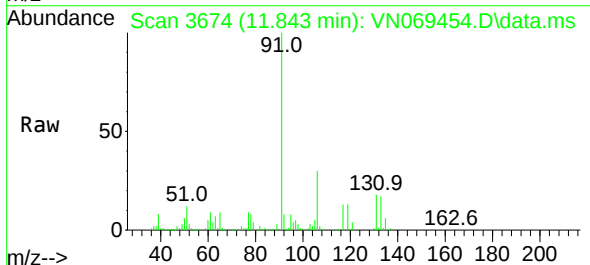
Tgt Ion:112 Resp: 581420
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0

Manual Integrations
APPROVED

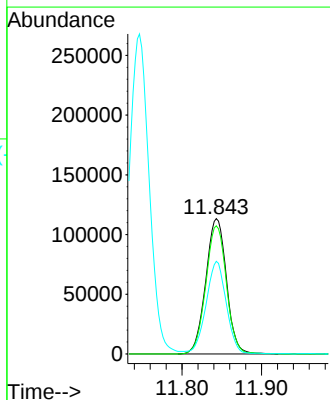
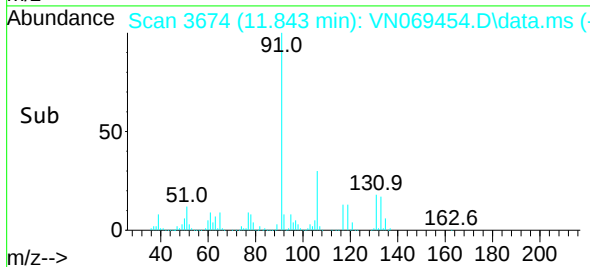
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

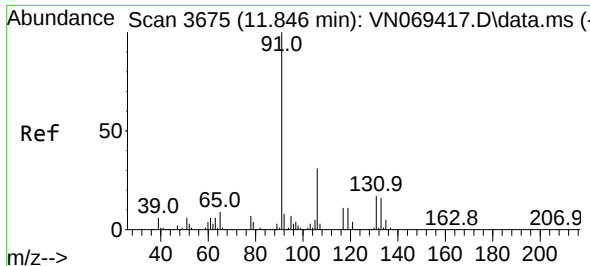


#66
1,1,1,2-Tetrachloroethane
Concen: 21.580 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48



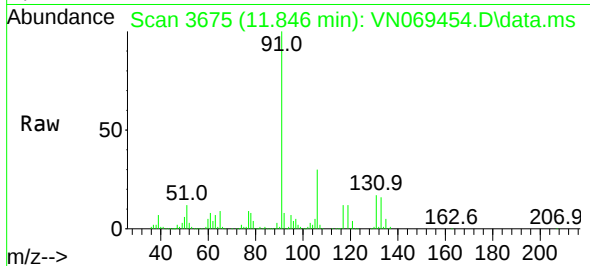
Tgt Ion:131 Resp: 205761
Ion Ratio Lower Upper
131 100
133 94.1 47.9 143.7
119 65.4 32.1 96.5





#67
Ethyl Benzene
Concen: 21.113 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

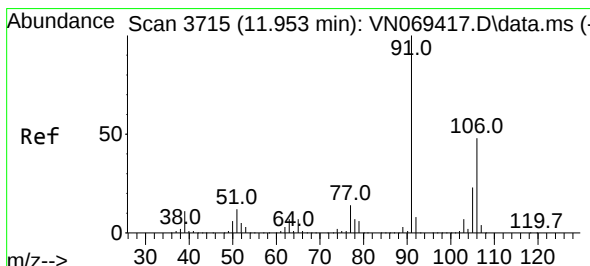
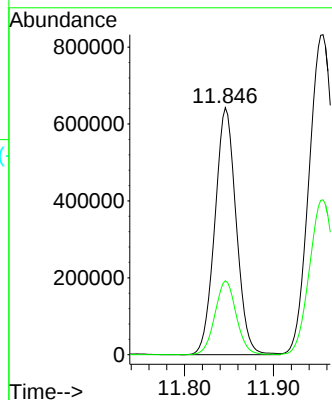
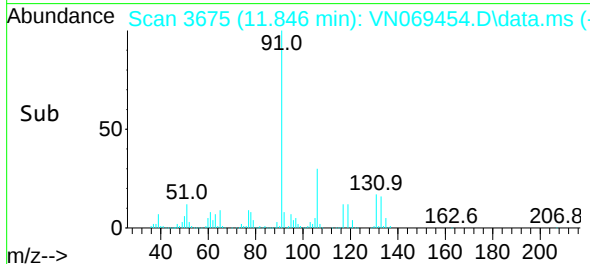
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



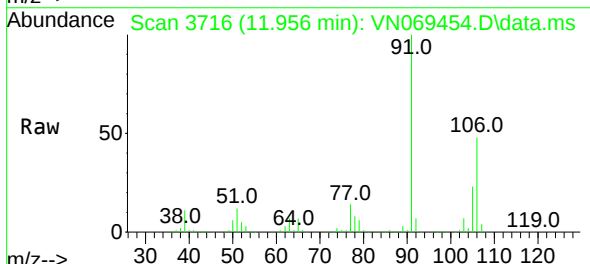
Tgt Ion: 91 Resp: 107044
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5

Manual Integrations
APPROVED

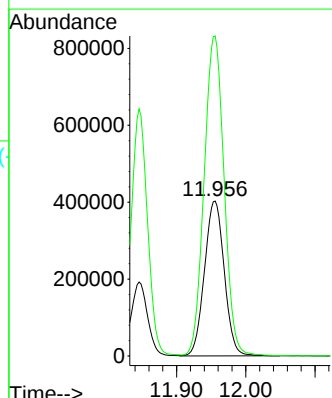
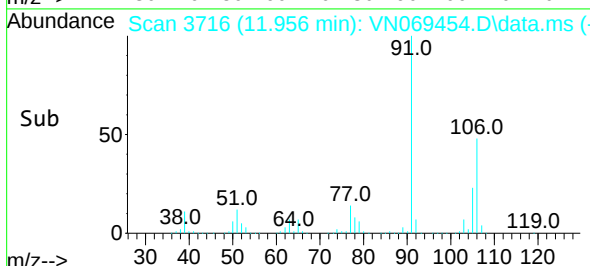
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

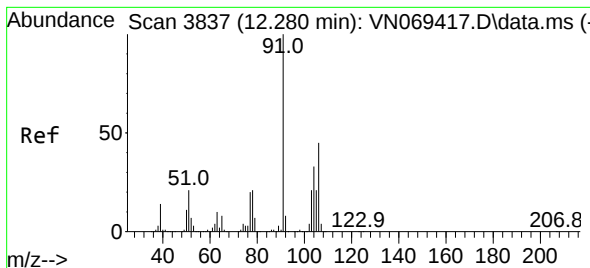


#68
m/p-Xylenes
Concen: 42.872 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48



Tgt Ion:106 Resp: 799436
Ion Ratio Lower Upper
106 100
91 208.3 160.6 240.8





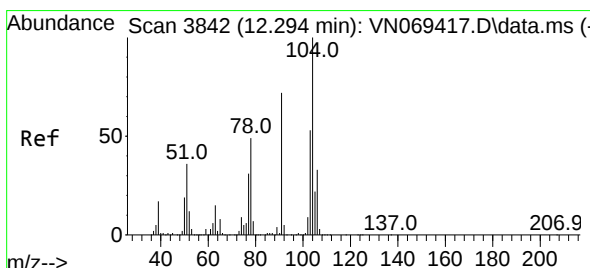
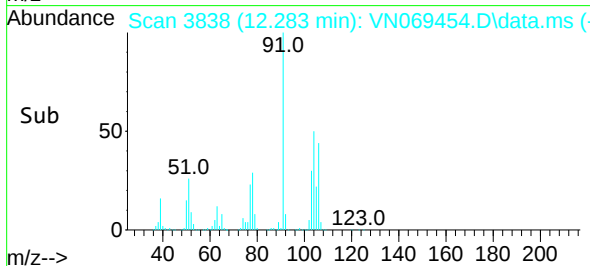
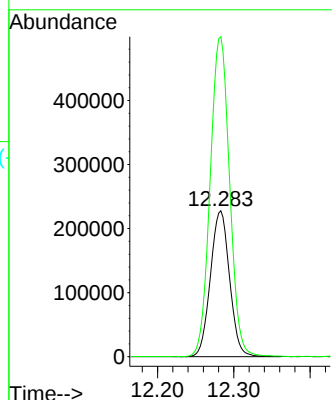
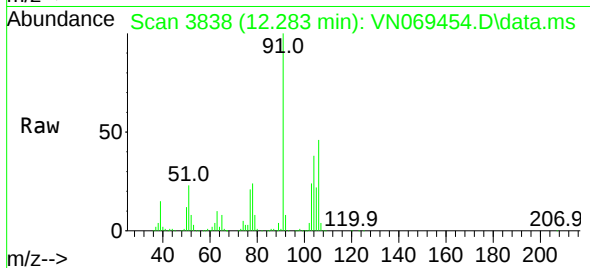
#69
o-Xylene
Concen: 21.348 ug/l
RT: 12.283 min Scan# 3837
Delta R.T. 0.003 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion:106 Resp: 39685
Ion Ratio Lower Upper
106 100
91 223.1 105.8 317.3

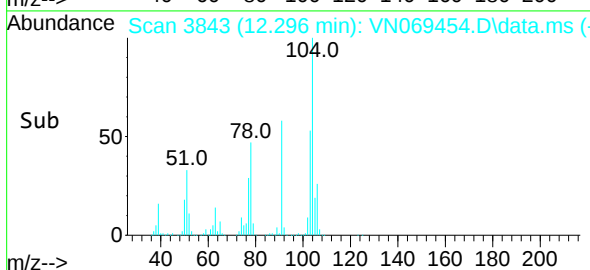
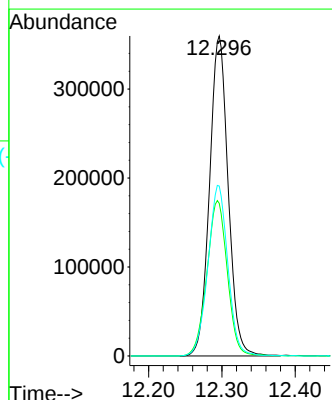
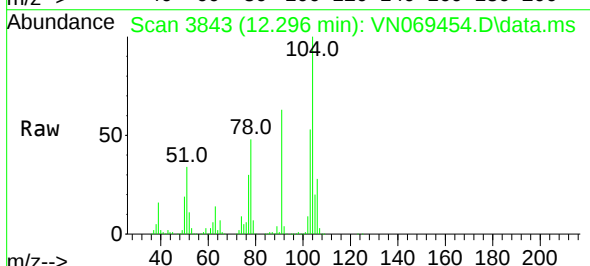
Manual Integrations
APPROVED

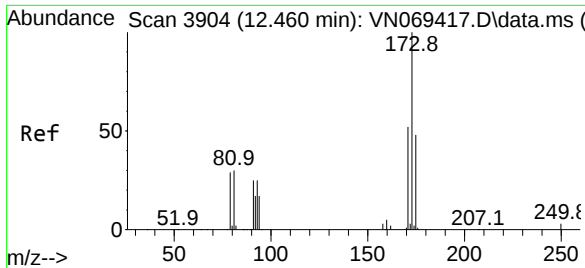
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#70
Styrene
Concen: 20.017 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.002 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

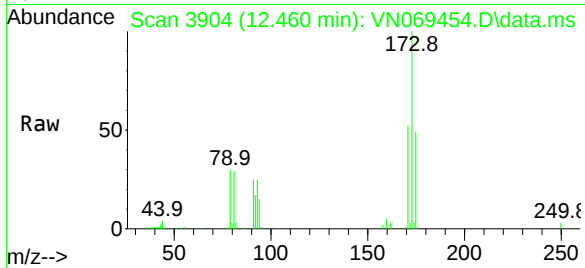
Tgt Ion:104 Resp: 636723
Ion Ratio Lower Upper
104 100
78 53.1 38.7 58.1
103 56.8 45.0 67.6





#71
Bromoform
Concen: 18.982 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

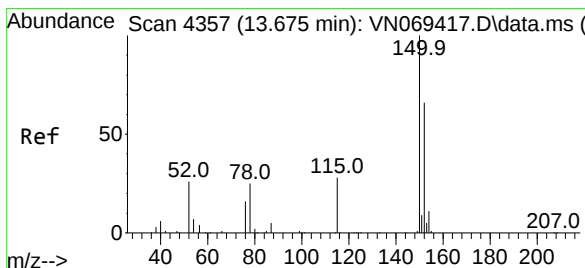
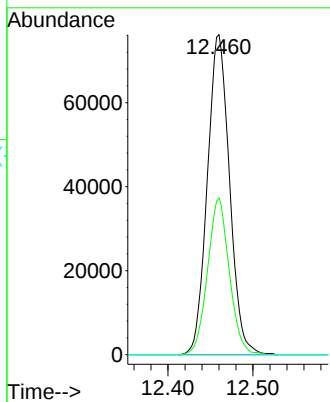
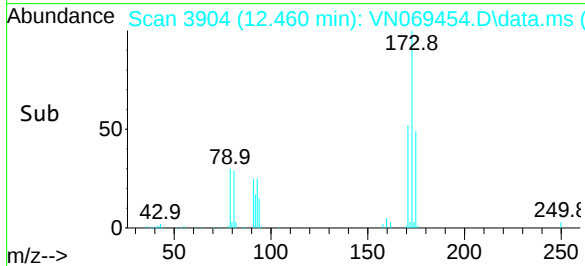
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



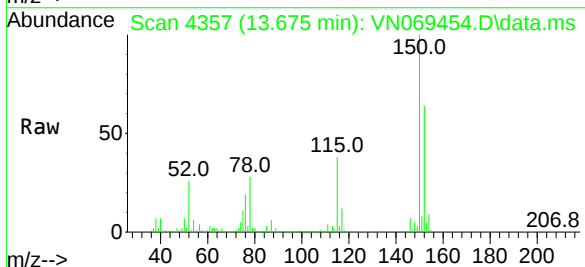
Tgt Ion:173 Resp: 138250
Ion Ratio Lower Upper
173 100
175 47.9 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
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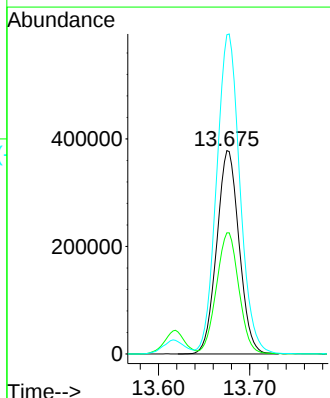
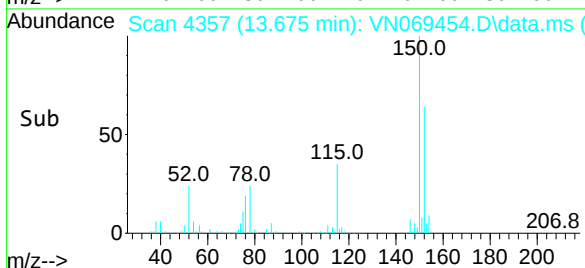
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

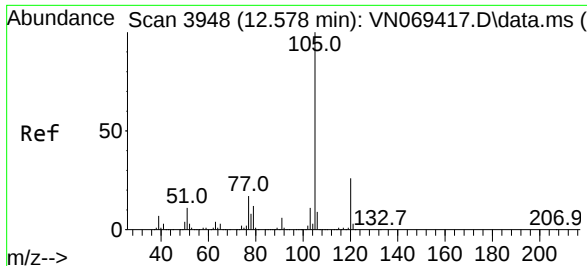


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48



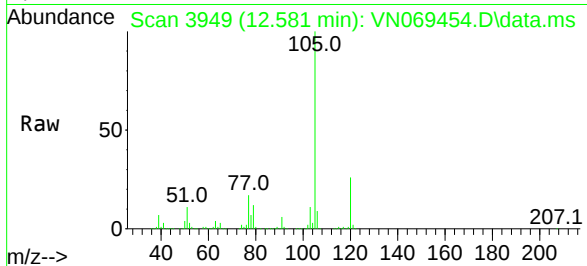
Tgt Ion:152 Resp: 644238
Ion Ratio Lower Upper
152 100
115 59.8 27.5 82.5
150 164.3 0.0 344.4





#73
Isopropylbenzene
Concen: 20.394 ug/l
RT: 12.581 min Scan# 3948
Delta R.T. 0.003 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

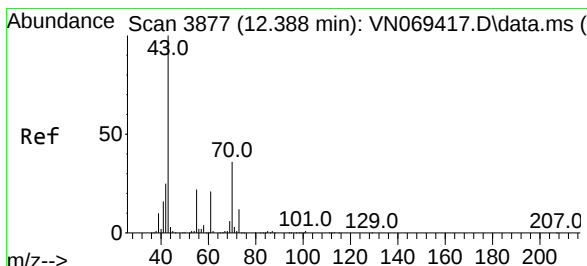
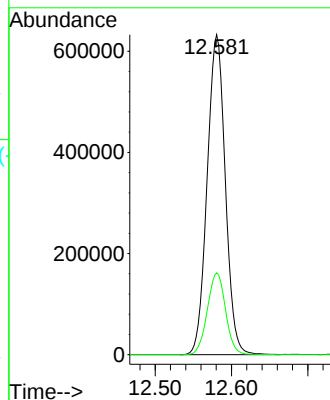
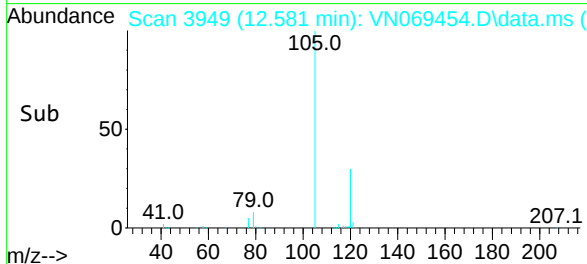
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



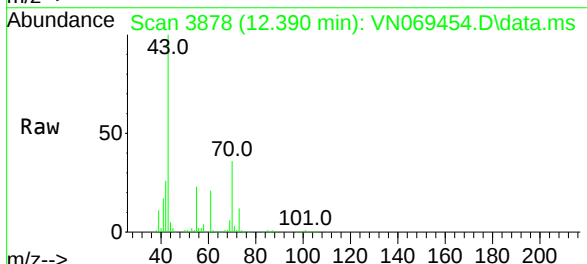
Tgt Ion:105 Resp: 104611
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1

Manual Integrations
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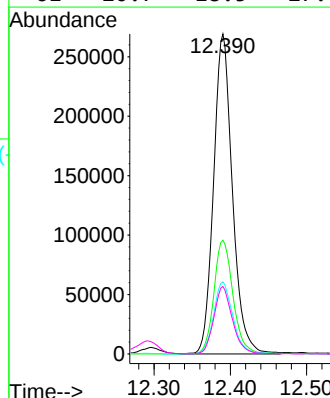
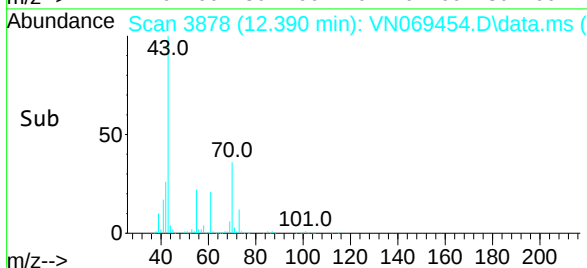
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

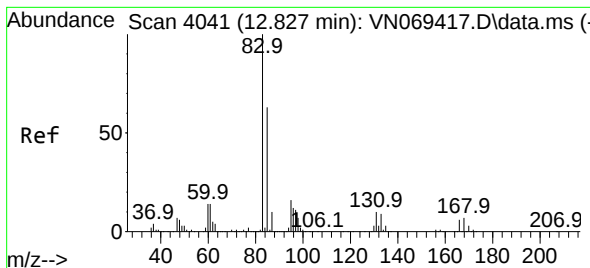


#74
N-ethyl acetate
Concen: 21.238 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.002 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48



Tgt Ion: 43 Resp: 461670
Ion Ratio Lower Upper
43 100
70 36.0 33.4 50.0
55 23.1 19.3 28.9
61 20.7 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 21.055 ug/l

RT: 12.827 min Scan# 4041

Delta R.T. 0.000 min

Lab File: VN069454.D

Acq: 11 Nov 2021 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

Tgt Ion: 83 Resp: 364250

Ion Ratio Lower Upper

83 100

131 9.9 5.5 16.5

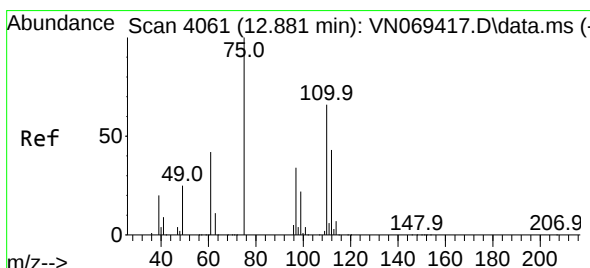
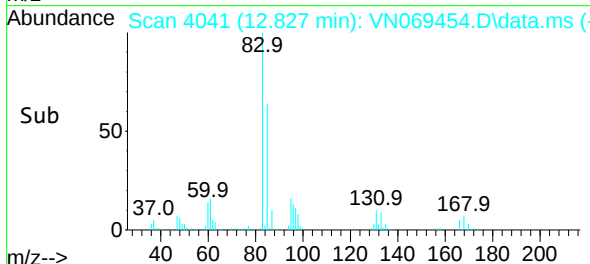
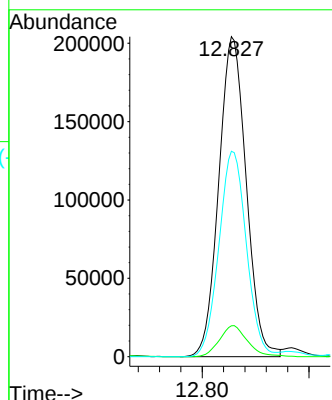
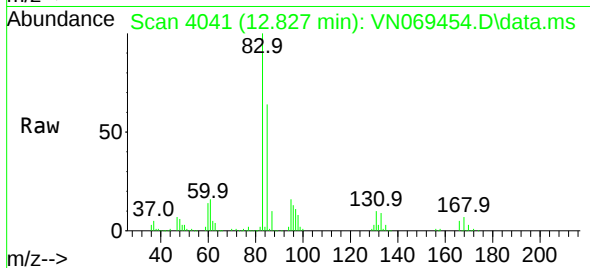
85 64.2 32.4 97.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#76

1,2,3-Trichloropropane

Concen: 21.585 ug/l m

RT: 12.881 min Scan# 4061

Delta R.T. -0.000 min

Lab File: VN069454.D

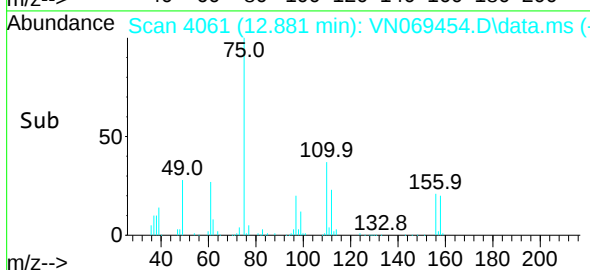
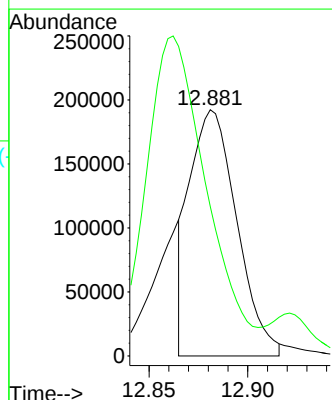
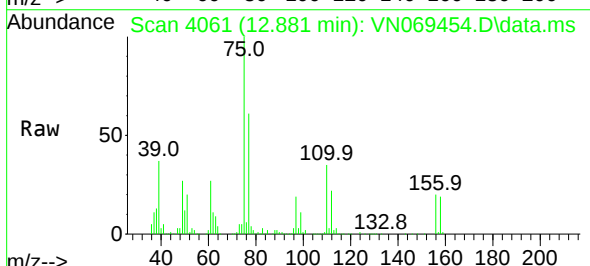
Acq: 11 Nov 2021 13:48

Tgt Ion: 75 Resp: 320920

Ion Ratio Lower Upper

75 100

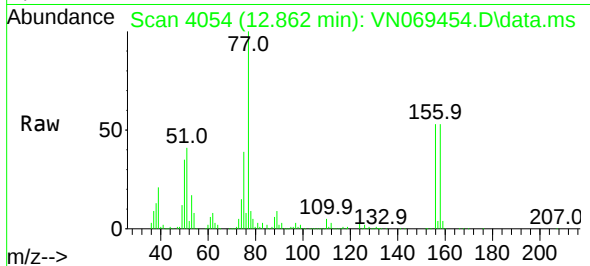
77 166.1 82.6 247.8





#77
Bromobenzene
Concen: 20.424 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

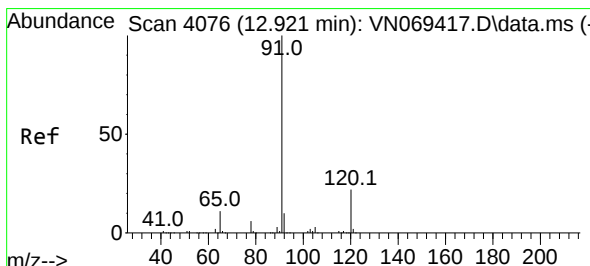
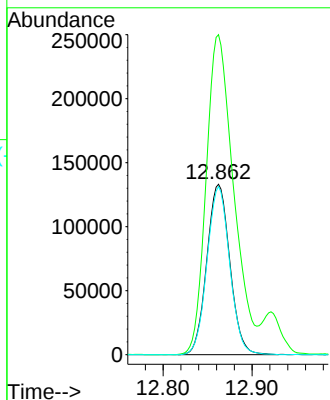
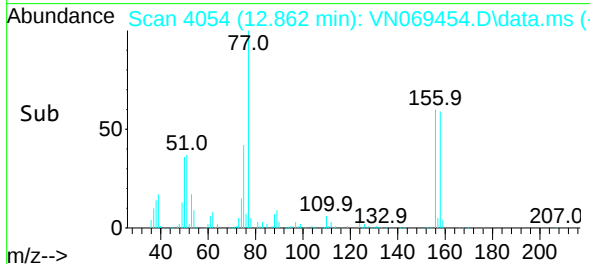
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



Tgt Ion:156 Resp: 239590
Ion Ratio Lower Upper
156 100
77 222.5 90.6 271.8
158 96.8 48.9 146.7

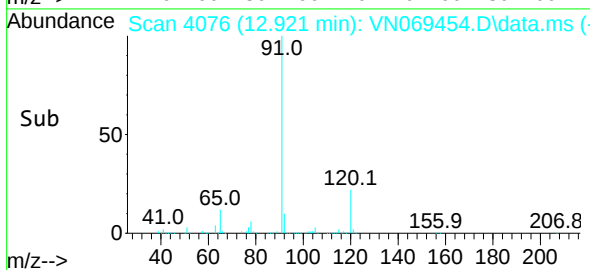
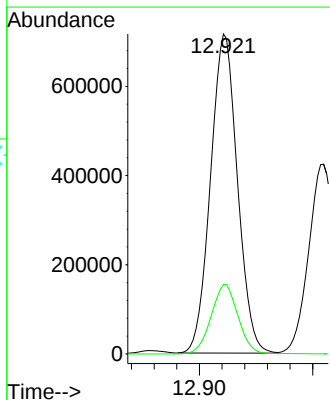
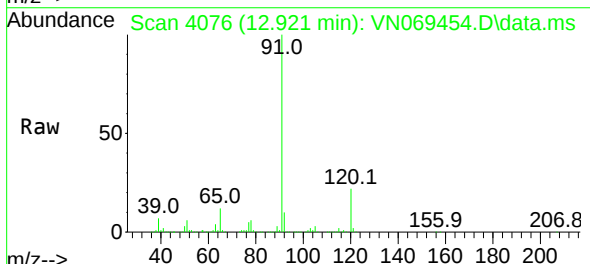
Manual Integrations
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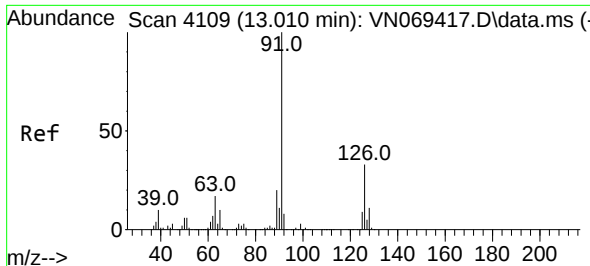
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#78
n-propylbenzene
Concen: 20.416 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

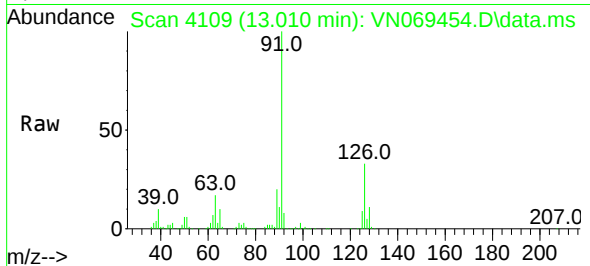
Tgt Ion: 91 Resp: 1178373
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9





#79
2-Chlorotoluene
Concen: 20.306 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

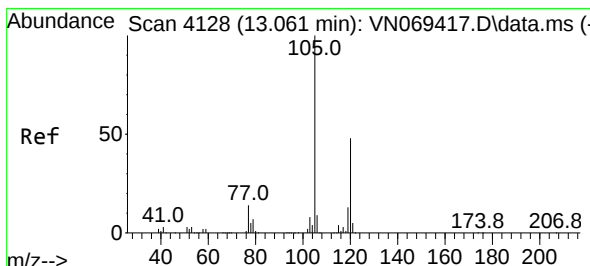
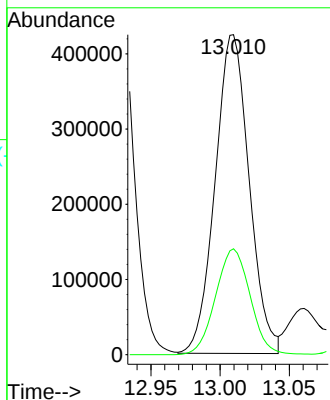
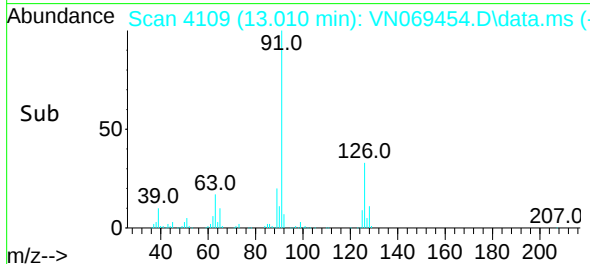
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



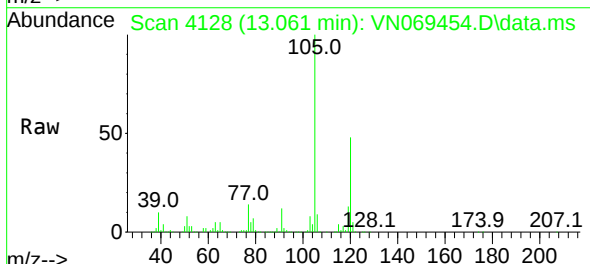
Tgt Ion: 91 Resp: 72568
Ion Ratio Lower Upper
91 100
126 33.7 18.3 54.8

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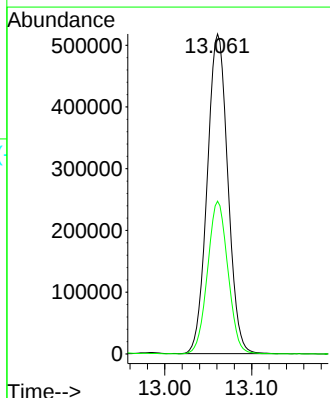
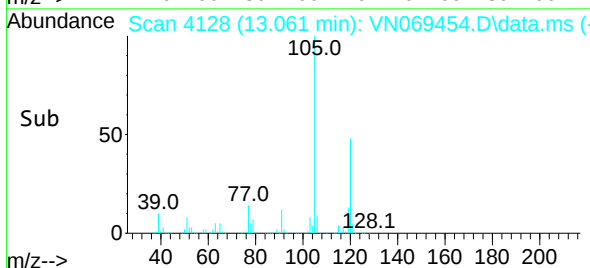
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

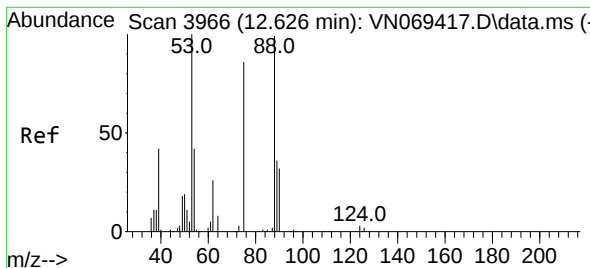


#80
1,3,5-Trimethylbenzene
Concen: 20.569 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48



Tgt Ion:105 Resp: 852961
Ion Ratio Lower Upper
105 100
120 47.2 24.6 73.6





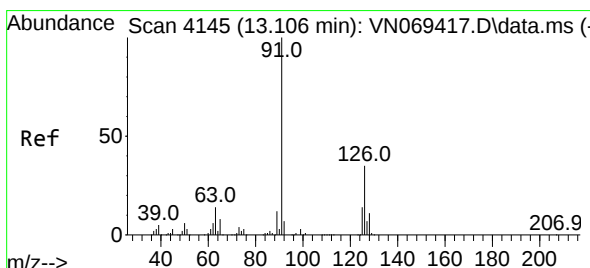
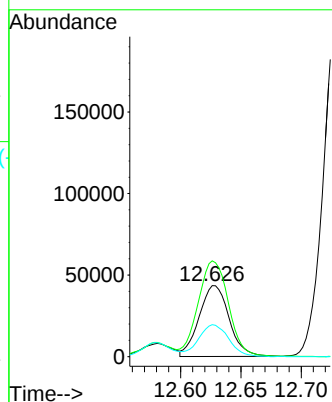
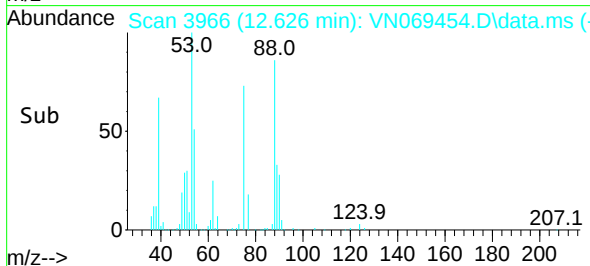
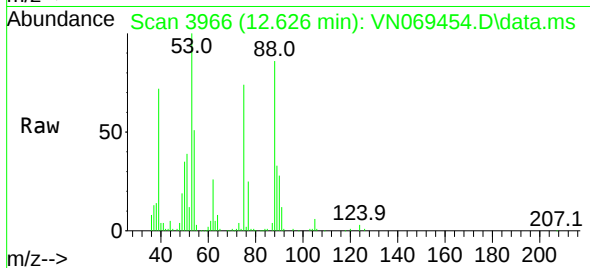
#81
trans-1,4-Dichloro-2-butene
Concen: 19.112 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion: 75 Resp: 75264
Ion Ratio Lower Upper
75 100
53 136.1 90.5 135.7
89 45.1 38.2 57.4

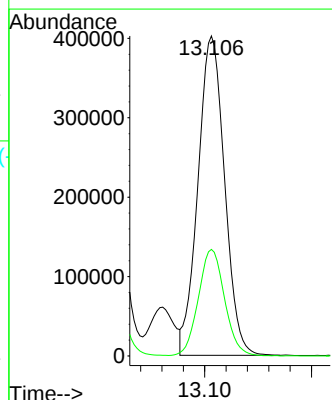
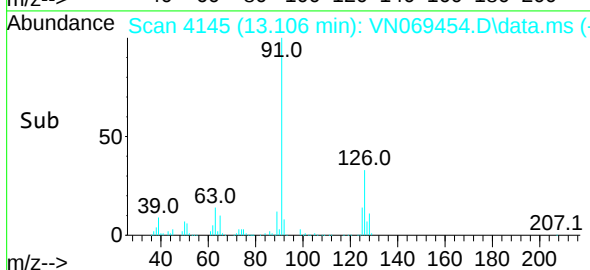
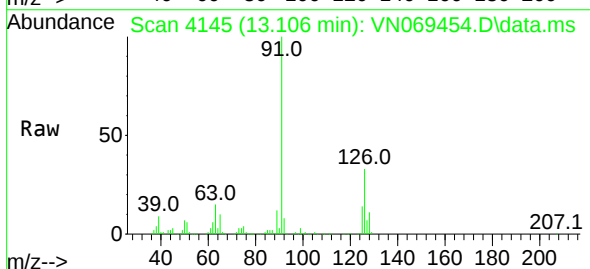
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#82
4-Chlorotoluene
Concen: 20.398 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

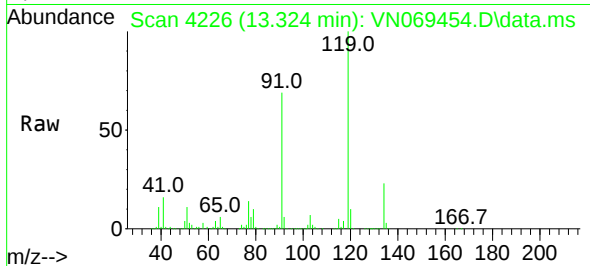
Tgt Ion: 91 Resp: 694894
Ion Ratio Lower Upper
91 100
126 32.8 18.2 54.6





#83
 tert-Butylbenzene
 Concen: 20.647 ug/l
 RT: 13.324 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VN069454.D
 Acq: 11 Nov 2021 13:48

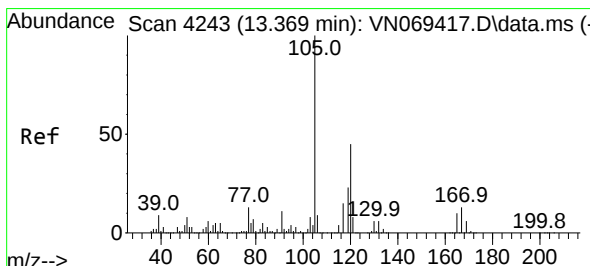
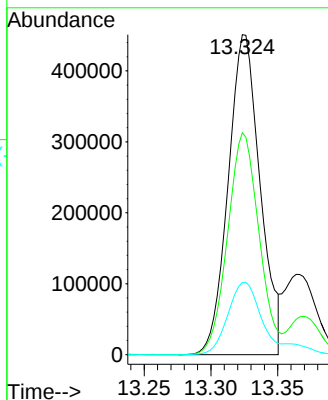
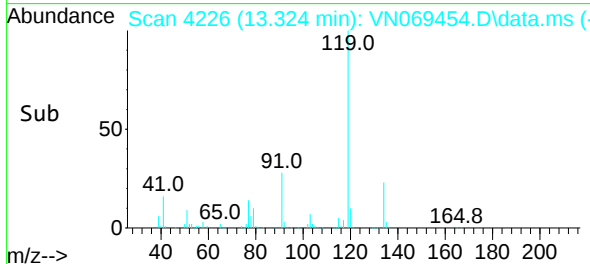
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBSD01



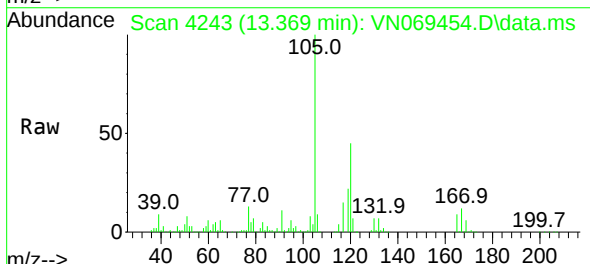
Tgt Ion:119 Resp: 75028
 Ion Ratio Lower Upper
 119 100
 91 68.4 31.5 94.5
 134 26.1 12.4 37.4

Manual Integrations
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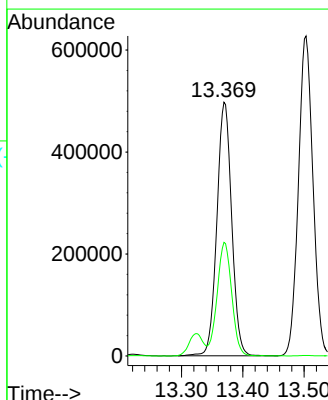
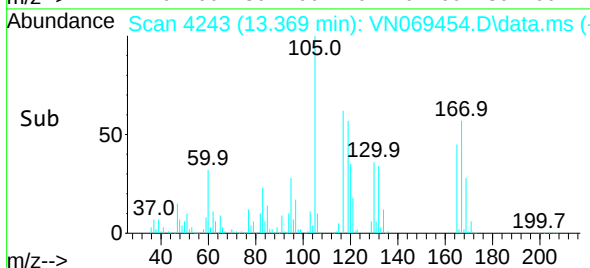
Reviewed By :John Carlone 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021

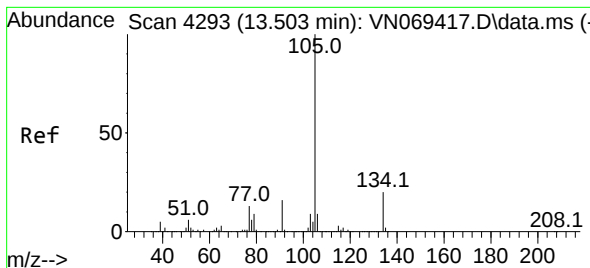


#84
 1,2,4-Trimethylbenzene
 Concen: 20.847 ug/l
 RT: 13.369 min Scan# 4243
 Delta R.T. 0.000 min
 Lab File: VN069454.D
 Acq: 11 Nov 2021 13:48



Tgt Ion:105 Resp: 834545
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.8 68.4





#85

sec-Butylbenzene

Concen: 20.411 ug/l

RT: 13.503 min Scan# 4293

Delta R.T. 0.000 min

Lab File: VN069454.D

Acq: 11 Nov 2021 13:48

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBSD01

Tgt Ion:105 Resp: 1036124

Ion Ratio Lower Upper

105 100

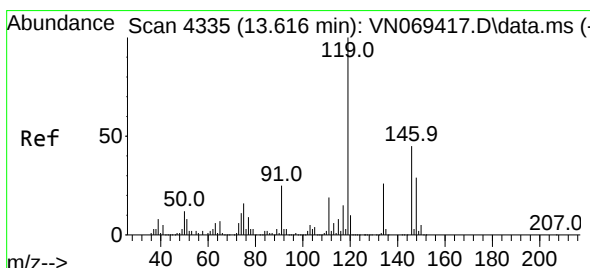
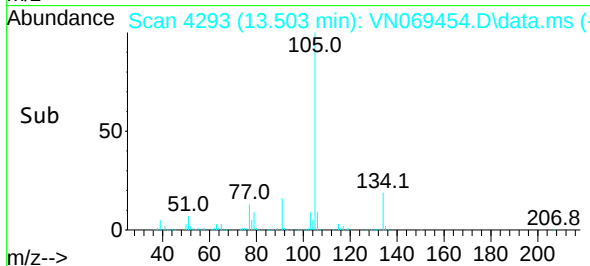
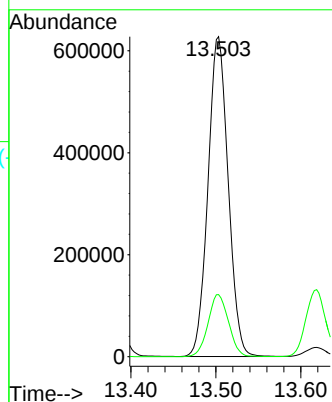
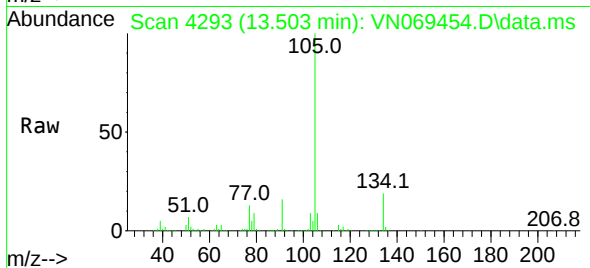
134 19.8 10.4 31.1

Manual Integrations

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Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#86

p-Isopropyltoluene

Concen: 20.520 ug/l

RT: 13.619 min Scan# 4336

Delta R.T. 0.003 min

Lab File: VN069454.D

Acq: 11 Nov 2021 13:48

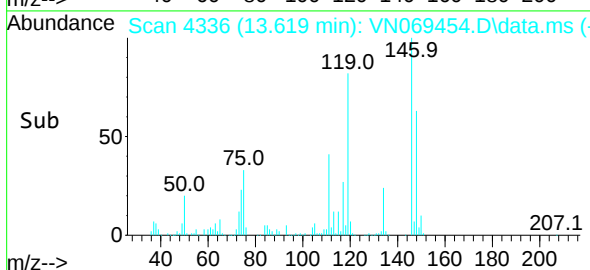
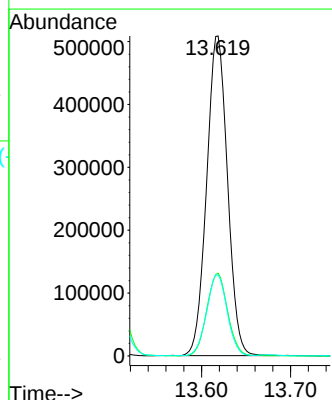
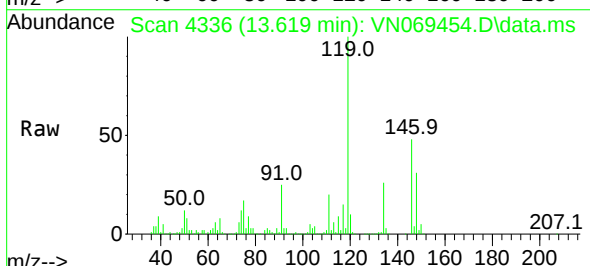
Tgt Ion:119 Resp: 826887

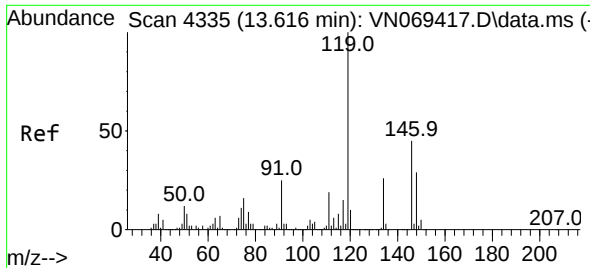
Ion Ratio Lower Upper

119 100

134 25.7 13.6 40.7

91 25.0 11.4 34.1





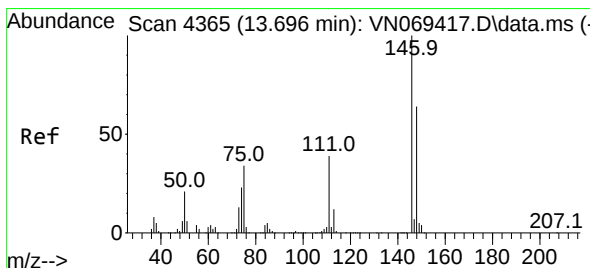
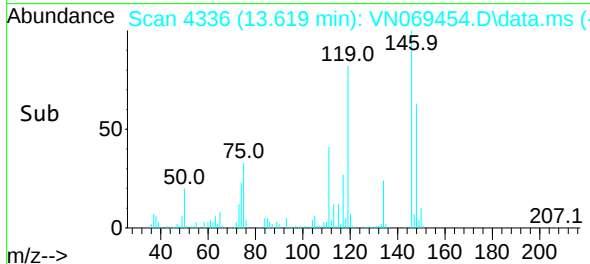
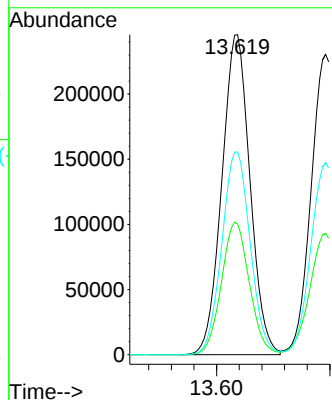
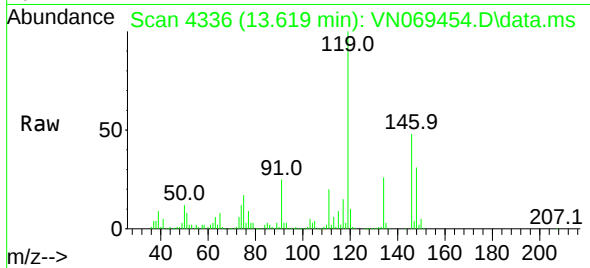
#87
1,3-Dichlorobenzene
Concen: 20.799 ug/l
RT: 13.619 min Scan# 4335
Delta R.T. 0.003 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01

Tgt Ion:146 Resp: 423032
Ion Ratio Lower Upper
146 100
111 41.2 18.6 55.6
148 64.0 31.6 95.0

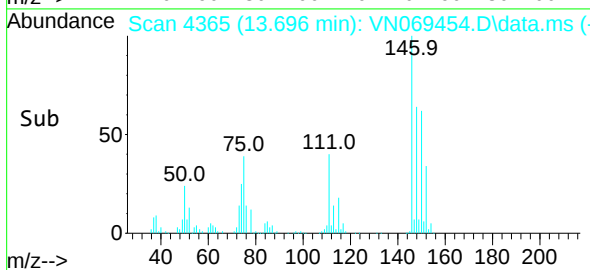
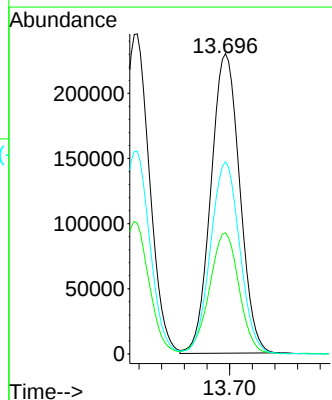
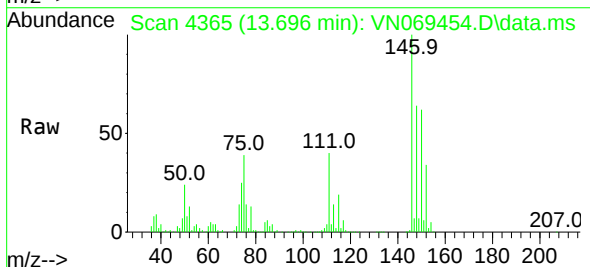
Manual Integrations
APPROVED

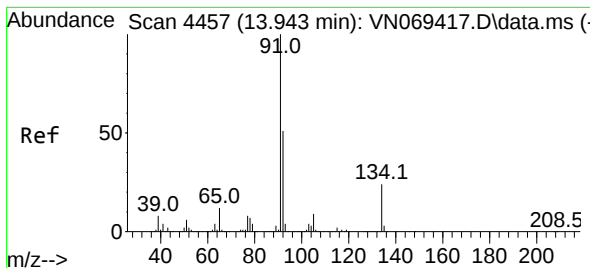
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#88
1,4-Dichlorobenzene
Concen: 20.384 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

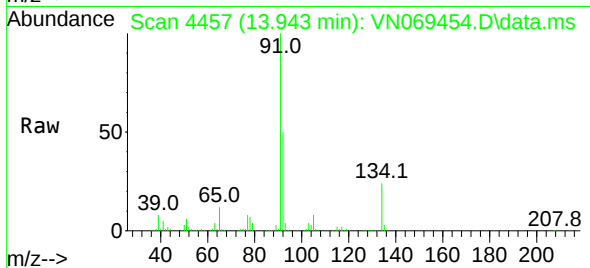
Tgt Ion:146 Resp: 406717
Ion Ratio Lower Upper
146 100
111 41.4 18.3 54.8
148 65.1 31.8 95.4





#89
n-Butylbenzene
Concen: 19.747 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

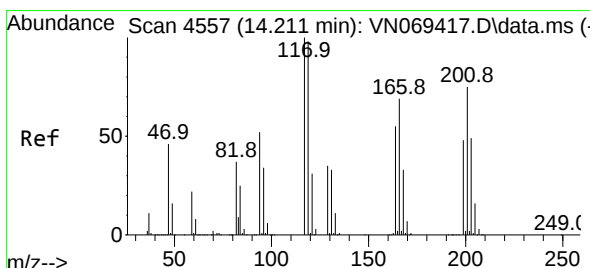
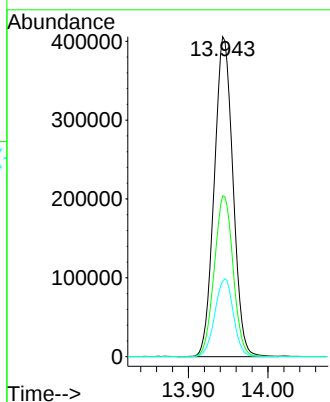
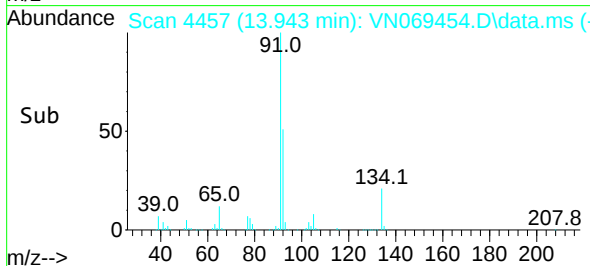
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



Tgt Ion: 91 Resp: 66360
Ion Ratio Lower Upper
91 100
92 50.6 25.4 76.0
134 24.2 13.6 40.8

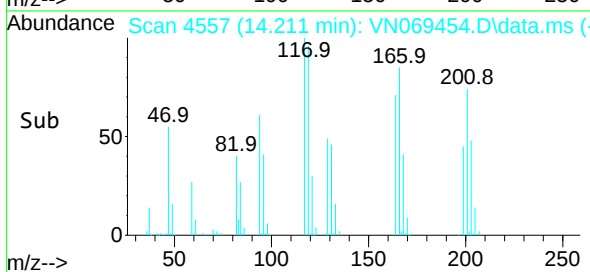
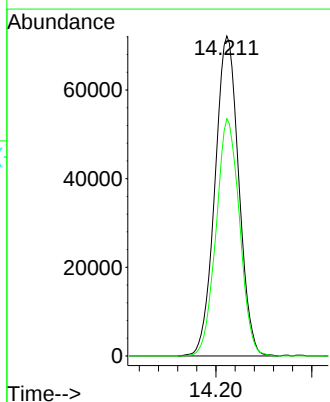
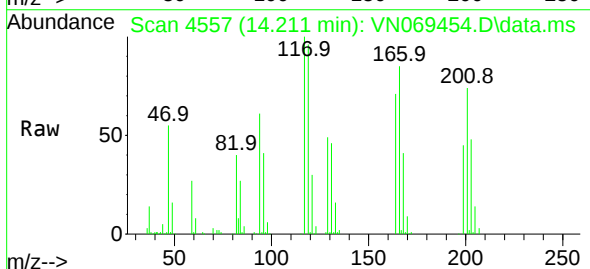
Manual Integrations
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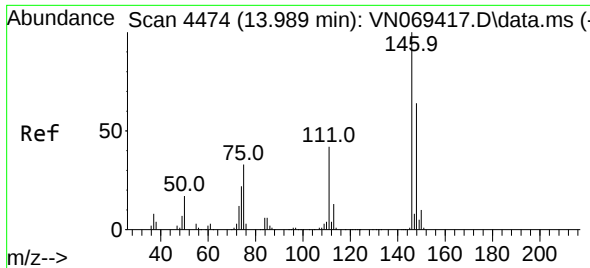
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#90
Hexachloroethane
Concen: 18.189 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

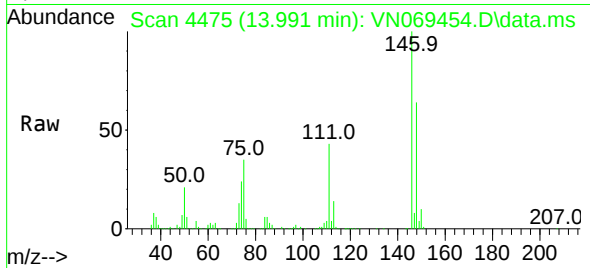
Tgt Ion:117 Resp: 124073
Ion Ratio Lower Upper
117 100
201 73.1 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 21.501 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.002 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

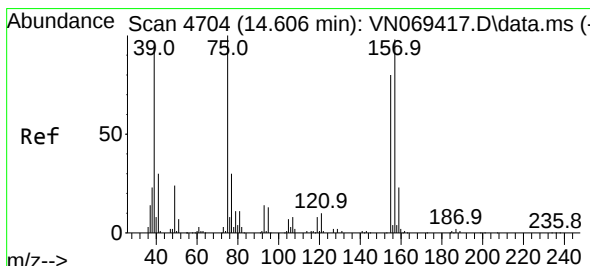
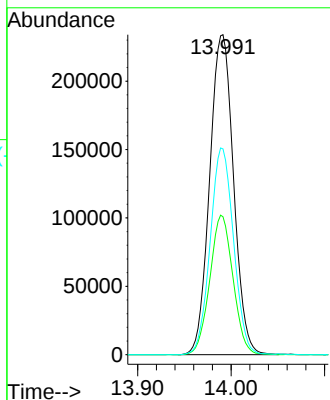
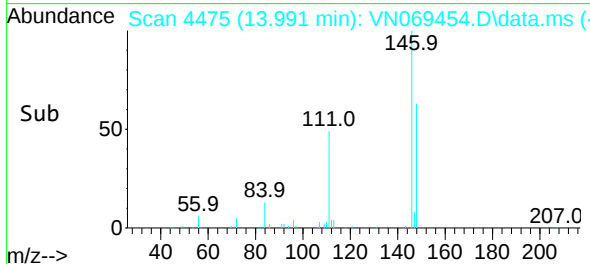
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



Tgt Ion:146 Resp: 416129
Ion Ratio Lower Upper
146 100
111 42.3 19.1 57.3
148 63.4 32.1 96.3

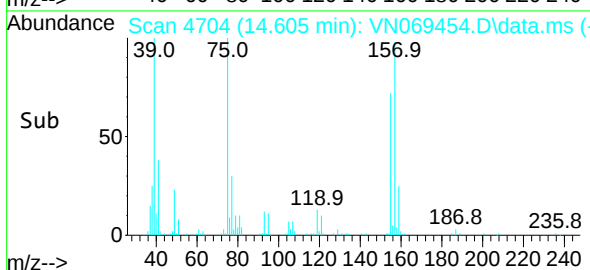
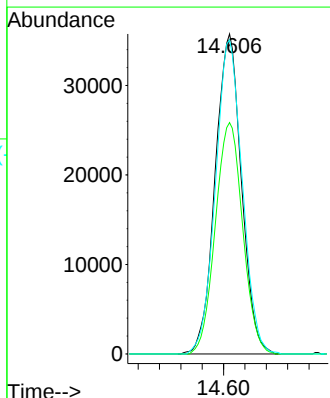
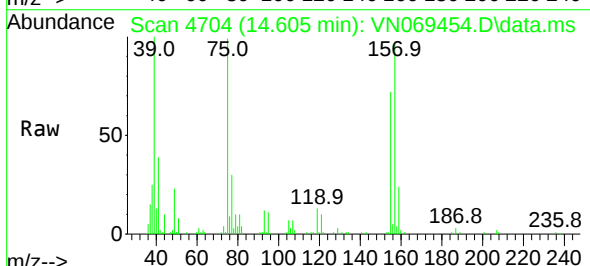
Manual Integrations
APPROVED

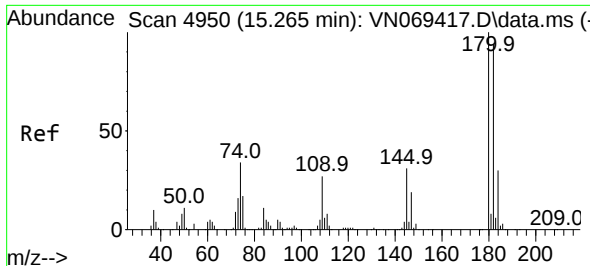
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.082 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. -0.001 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

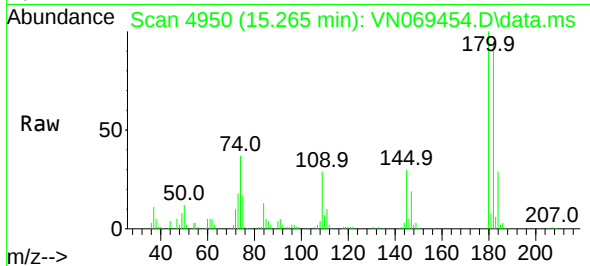
Tgt Ion: 75 Resp: 61005
Ion Ratio Lower Upper
75 100
155 75.3 46.9 140.7
157 100.0 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 19.703 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

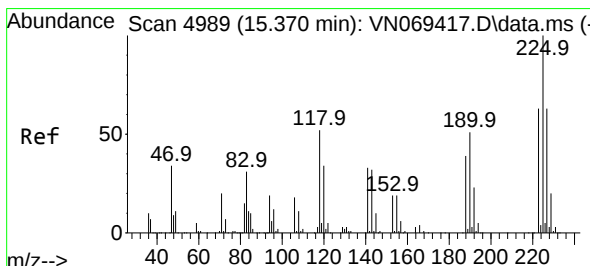
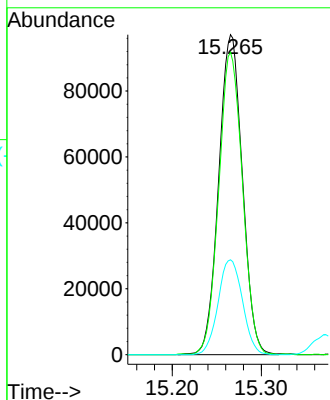
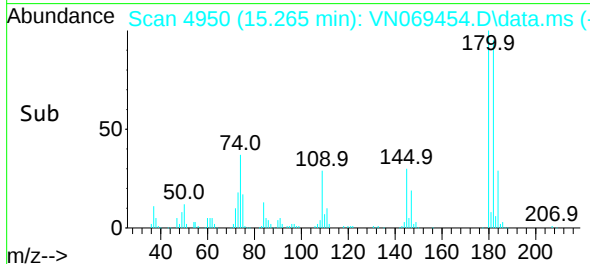
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBSD01



Tgt Ion:180 Resp: 17940
Ion Ratio Lower Upper
180 100
182 94.7 48.3 144.9
145 30.6 14.5 43.5

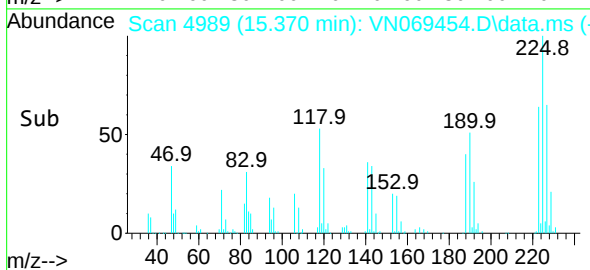
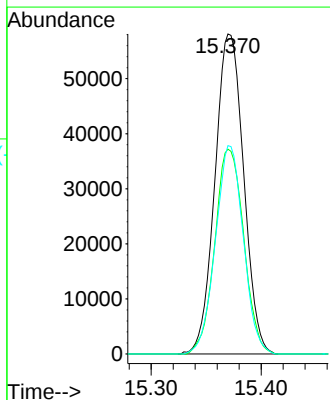
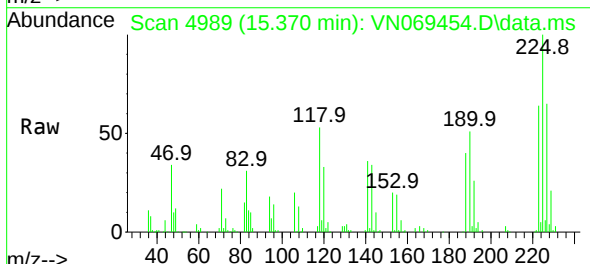
Manual Integrations
APPROVED

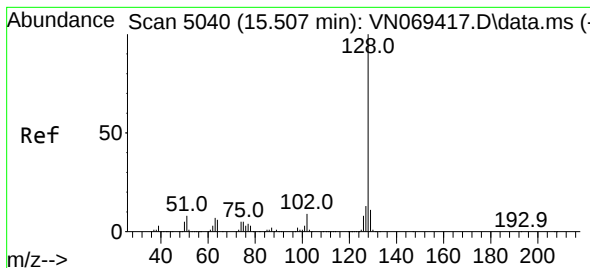
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#94
Hexachlorobutadiene
Concen: 20.980 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069454.D
Acq: 11 Nov 2021 13:48

Tgt Ion:225 Resp: 105501
Ion Ratio Lower Upper
225 100
223 64.5 31.9 95.7
227 63.2 32.1 96.3





#95

Naphthalene

Concen: 20.328 ug/l

RT: 15.507 min Scan# 5040

Delta R.T. -0.000 min

Lab File: VN069454.D

Acq: 11 Nov 2021 13:48

Instrument :

MSVOA_N

ClientSampleId :

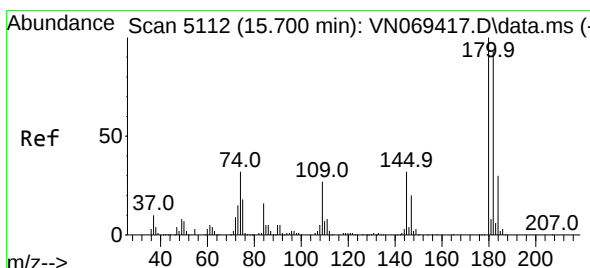
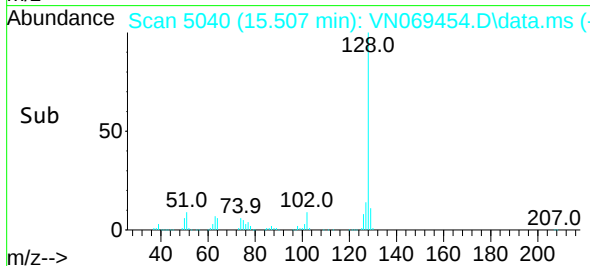
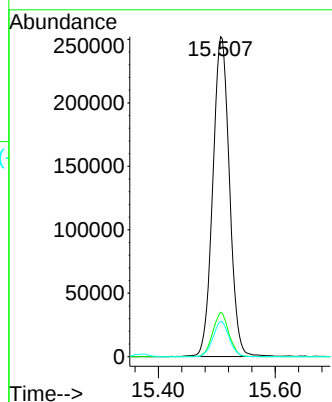
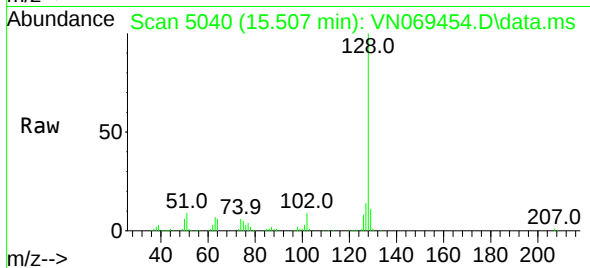
VN1111WBSD01

Tgt Ion:128 Resp: 49844

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	10.8	8.7	13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#96

1,2,3-Trichlorobenzene

Concen: 20.620 ug/l

RT: 15.702 min Scan# 5113

Delta R.T. 0.002 min

Lab File: VN069454.D

Acq: 11 Nov 2021 13:48

Tgt Ion:180 Resp: 180673

Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.4	142.2
145	32.6	15.0	45.1

