

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111621\
 Data File : VN069509.D
 Acq On : 16 Nov 2021 15:28
 Operator : JC/MD
 Sample : VN1116WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/17/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 17 00:53:48 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	1050644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1785554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1642556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	667661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	772217	50.691	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.380%			
35) Dibromofluoromethane	8.021	113	543536	50.755	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.520%			
50) Toluene-d8	10.443	98	2114973	50.215	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.440%			
62) 4-Bromofluorobenzene	12.731	95	728024	47.052	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	206720	18.417	ug/l	99
3) Chloromethane	2.306	50	232630	17.871	ug/l	99
4) Vinyl Chloride	2.445	62	237956	18.256	ug/l	98
5) Bromomethane	2.861	94	148127	17.499	ug/l	97
6) Chloroethane	3.025	64	156306	17.767	ug/l	97
7) Trichlorofluoromethane	3.376	101	352208	17.484	ug/l	95
8) Diethyl Ether	3.827	74	122816	18.844	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.210	101	181022	19.077	ug/l	93
10) Methyl Iodide	4.419	142	213833	18.373	ug/l	97
11) Tert butyl alcohol	5.382	59	242513	88.345	ug/l #	85
12) 1,1-Dichloroethene	4.178	96	156951	18.431	ug/l	88
13) Acrolein	4.044	56	26843	64.139	ug/l	99
14) Allyl chloride	4.840	41	341722	18.151	ug/l	93
15) Acrylonitrile	5.554	53	699922	99.567	ug/l	100
16) Acetone	4.291	43	715018	86.993	ug/l	97
17) Carbon Disulfide	4.527	76	285380	14.178	ug/l	99
18) Methyl Acetate	4.857	43	514040	19.239	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	708710	19.666	ug/l	99
20) Methylene Chloride	5.098	84	217505	18.662	ug/l	86
21) trans-1,2-Dichloroethene	5.602	96	176086	18.514	ug/l	92
22) Diisopropyl ether	6.498	45	818153	20.174	ug/l	95
23) Vinyl Acetate	6.436	43	3038574	96.872	ug/l	96
24) 1,1-Dichloroethane	6.388	63	404829	19.598	ug/l	98
25) 2-Butanone	7.337	43	1049928	94.337	ug/l	92
26) 2,2-Dichloropropane	7.327	77	281836	17.438	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	230839	19.579	ug/l	89
28) Bromochloromethane	7.657	49	221198	20.910	ug/l #	81
29) Tetrahydrofuran	7.689	42	681740	99.816	ug/l	90
30) Chloroform	7.817	83	421229	19.891	ug/l	98
31) Cyclohexane	8.094	56	371167	17.834	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	340404	19.258	ug/l	95
36) 1,1-Dichloropropene	8.222	75	283117	18.844	ug/l	97
37) Ethyl Acetate	7.415	43	421208	20.739	ug/l	95
38) Carbon Tetrachloride	8.206	117	267840	18.465	ug/l	99
39) Methylcyclohexane	9.461	83	328127	17.556	ug/l	93
40) Benzene	8.461	78	907231	19.563	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	194309	18.516	ug/l	93
42) 1,2-Dichloroethane	8.531	62	372621	20.520	ug/l	98
43) Isopropyl Acetate	8.560	43	637637	19.546	ug/l	94
44) Trichloroethene	9.217	130	214517	19.328	ug/l	92
45) 1,2-Dichloropropane	9.491	63	249273	20.119	ug/l	99
46) Dibromomethane	9.577	93	160285	19.314	ug/l	92
47) Bromodichloromethane	9.762	83	296173	19.125	ug/l	98
48) Methyl methacrylate	9.561	41	286283	18.653	ug/l	93
49) 1,4-Dioxane	9.569	88	104394	368.876	ug/l	90
51) 4-Methyl-2-Pentanone	10.330	43	2130108	101.162	ug/l	95
52) Toluene	10.505	92	562056	19.454	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	290605	17.095	ug/l	96
54) cis-1,3-Dichloropropene	10.188	75	328699	17.547	ug/l #	88
55) 1,1,2-Trichloroethane	10.896	97	234840	20.165	ug/l	98
56) Ethyl methacrylate	10.762	69	369306	18.189	ug/l	88
57) 1,3-Dichloropropane	11.047	76	404670	19.774	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	392281	85.952	ug/l	93
59) 2-Hexanone	11.087	43	1495052	89.362	ug/l	93
60) Dibromochloromethane	11.237	129	199686	17.284	ug/l	99
61) 1,2-Dibromoethane	11.347	107	230032	18.388	ug/l	100
64) Tetrachloroethene	10.977	164	190682	19.226	ug/l	94
65) Chlorobenzene	11.771	112	598330	19.570	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	210208	19.822	ug/l	98
67) Ethyl Benzene	11.843	91	1083214	19.210	ug/l	97
68) m/p-Xylenes	11.953	106	785515	37.877	ug/l	93
69) o-Xylene	12.280	106	401796	19.434	ug/l	94
70) Styrene	12.294	104	629761	17.970	ug/l	96
71) Bromoform	12.460	173	130744	16.653	ug/l #	100
73) Isopropylbenzene	12.578	105	1038492	19.535	ug/l	99
74) N-amyl acetate	12.390	43	415205	18.430	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	369719	20.621	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	310147m	20.129	ug/l	
77) Bromobenzene	12.860	156	240757	19.803	ug/l	81
78) n-propylbenzene	12.921	91	1161894	19.424	ug/l	96
79) 2-Chlorotoluene	13.007	91	720643	19.458	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	845802	19.681	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	69186	17.606	ug/l #	80
82) 4-Chlorotoluene	13.106	91	668777	18.942	ug/l	94
83) tert-Butylbenzene	13.324	119	751817	19.963	ug/l	95
84) 1,2,4-Trimethylbenzene	13.369	105	807063	19.453	ug/l	99
85) sec-Butylbenzene	13.501	105	1016815	19.328	ug/l	98
86) p-Isopropyltoluene	13.616	119	785938	18.819	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	404955	19.212	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	386437	18.688	ug/l	96
89) n-Butylbenzene	13.943	91	598563	17.187	ug/l	98
90) Hexachloroethane	14.211	117	125103	17.755	ug/l	83
91) 1,2-Dichlorobenzene	13.989	146	399917	19.939	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	56027	18.001	ug/l	78
93) 1,2,4-Trichlorobenzene	15.265	180	154430	16.893	ug/l	97
94) Hexachlorobutadiene	15.370	225	100287	19.243	ug/l	98
95) Naphthalene	15.507	128	388744	16.400	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	154609	17.579	ug/l	99

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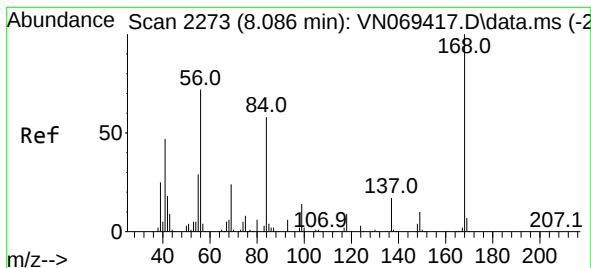
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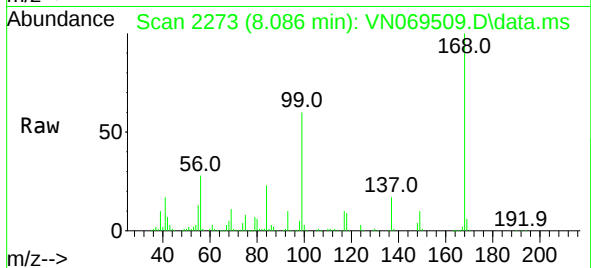
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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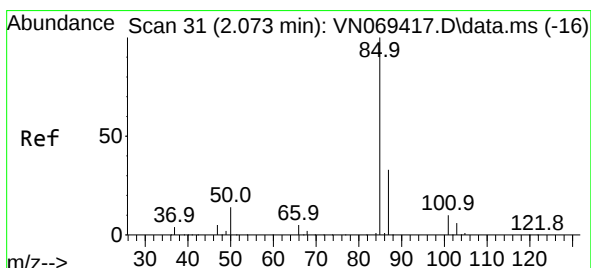
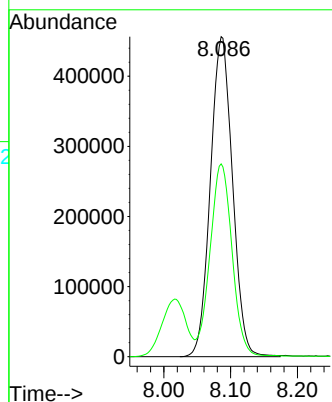
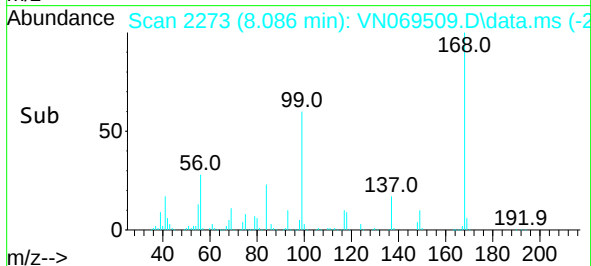
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



Tgt Ion:168 Resp: 105064
Ion Ratio Lower Upper
168 100
99 60.0 41.3 61.9

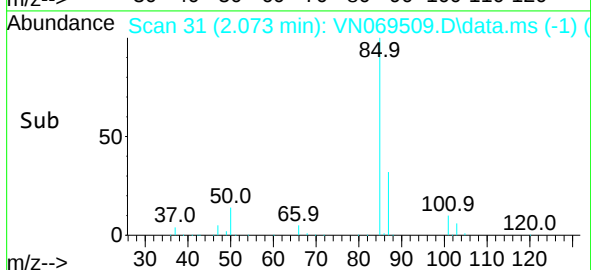
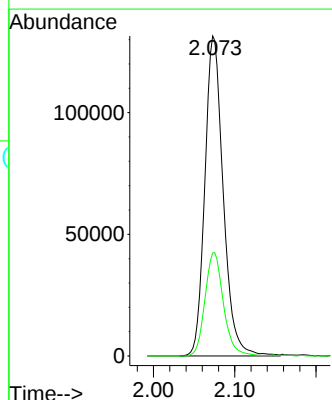
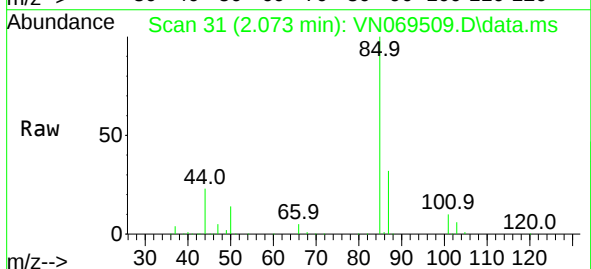
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#2
Dichlorodifluoromethane
Concen: 18.417 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

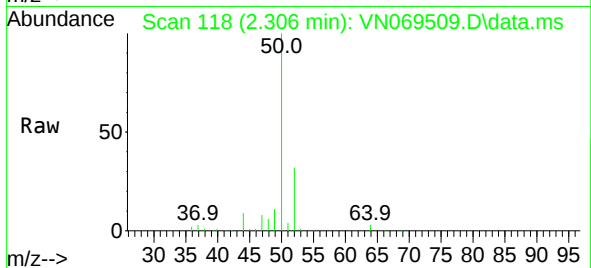
Tgt Ion: 85 Resp: 206720
Ion Ratio Lower Upper
85 100
87 32.2 16.3 48.9





#3
Chloromethane
Concen: 17.871 ug/l
RT: 2.306 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

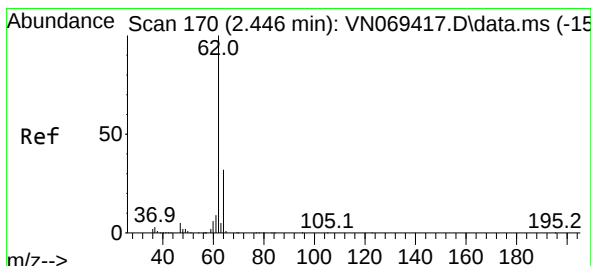
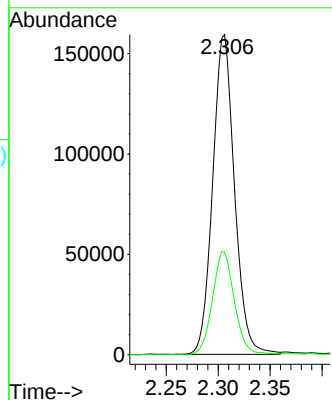
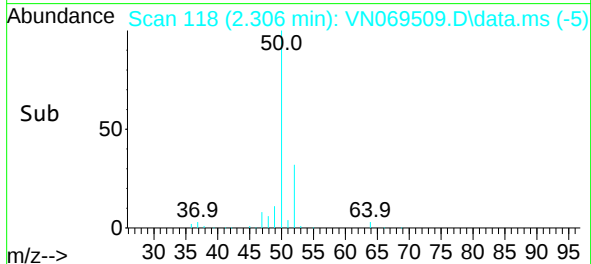
Instrument :
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Tgt Ion: 50 Resp: 232630
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.0

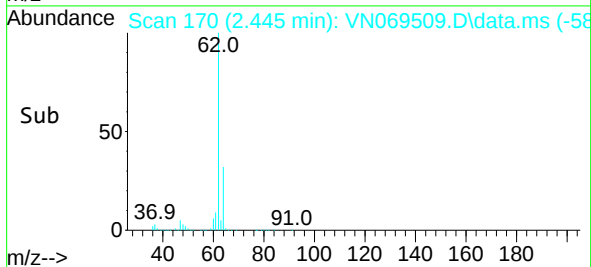
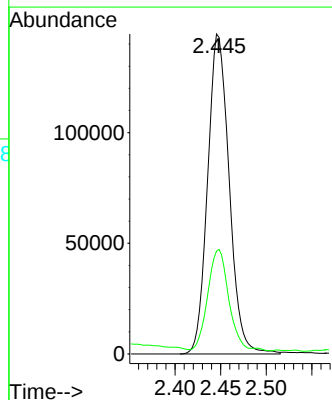
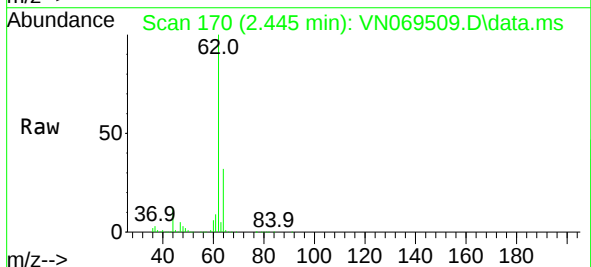
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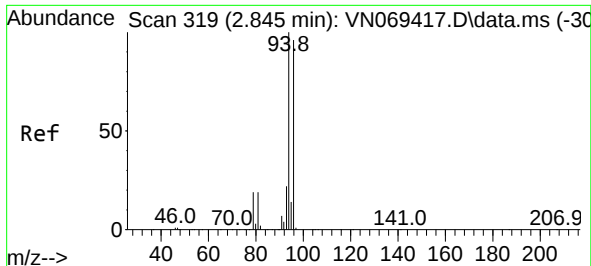
Reviewed By :John Carlone 11/17/2021
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#4
Vinyl Chloride
Concen: 18.256 ug/l
RT: 2.445 min Scan# 170
Delta R.T. -0.001 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

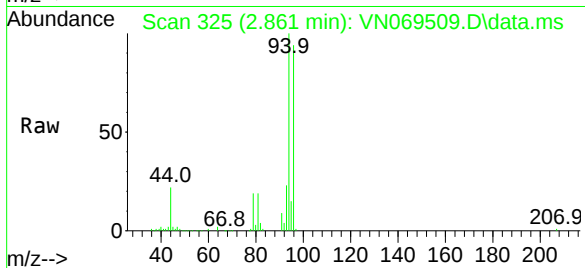
Tgt Ion: 62 Resp: 237956
Ion Ratio Lower Upper
62 100
64 31.0 25.8 38.6





#5
Bromomethane
Concen: 17.499 ug/l
RT: 2.861 min Scan# 319
Delta R.T. 0.016 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

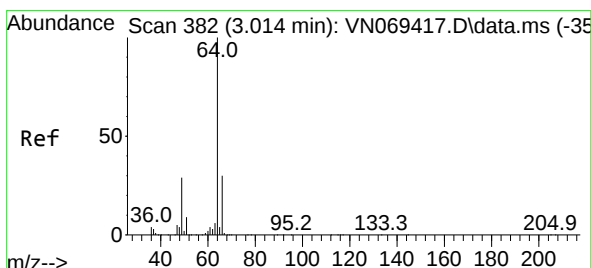
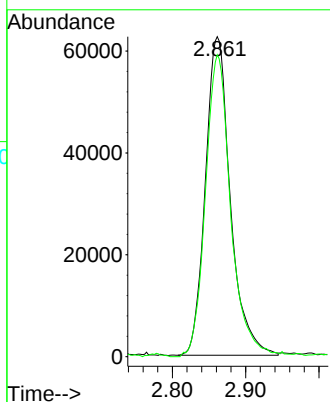
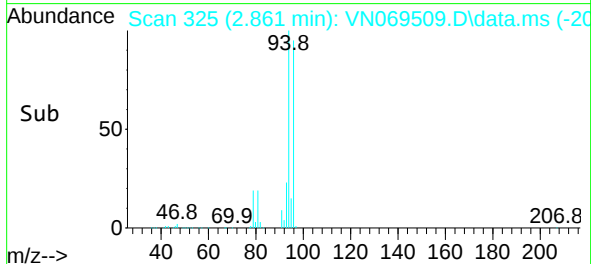
Instrument :
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Tgt Ion: 94 Resp: 14812
Ion Ratio Lower Upper
94 100
96 94.8 73.8 110.8

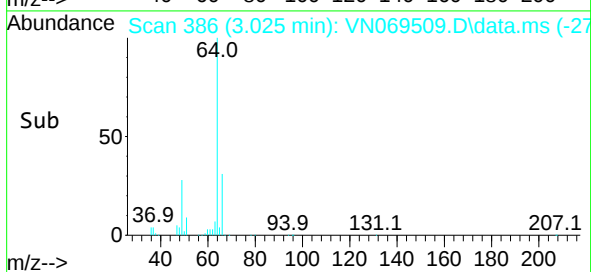
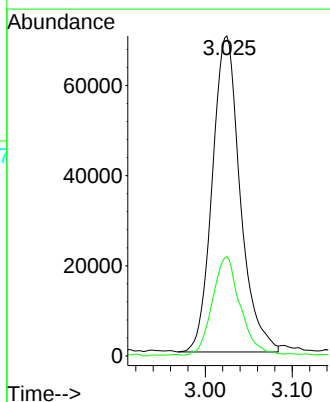
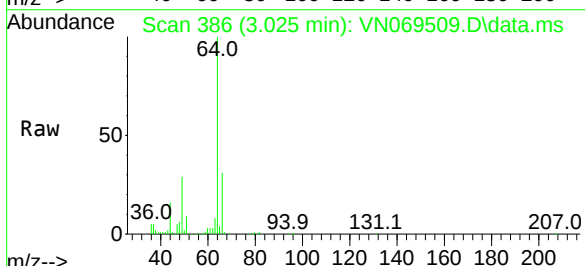
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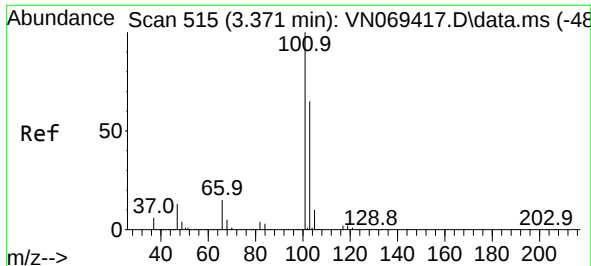
Reviewed By :John Carlone 11/17/2021
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#6
Chloroethane
Concen: 17.767 ug/l
RT: 3.025 min Scan# 386
Delta R.T. 0.011 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

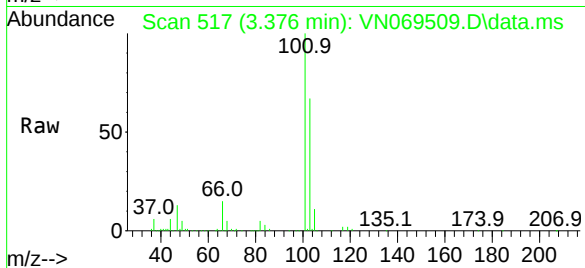
Tgt Ion: 64 Resp: 156306
Ion Ratio Lower Upper
64 100
66 31.0 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 17.484 ug/l
 RT: 3.376 min Scan# 515
 Delta R.T. 0.005 min
 Lab File: VN069509.D
 Acq: 16 Nov 2021 15:28

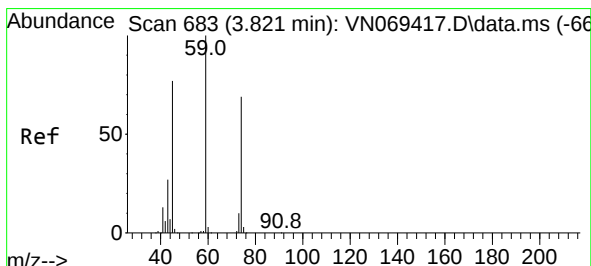
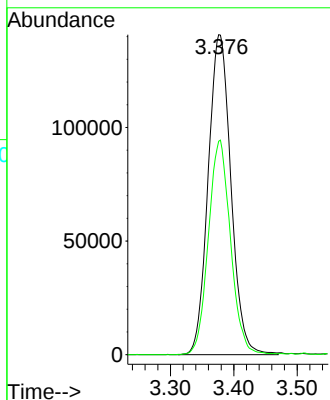
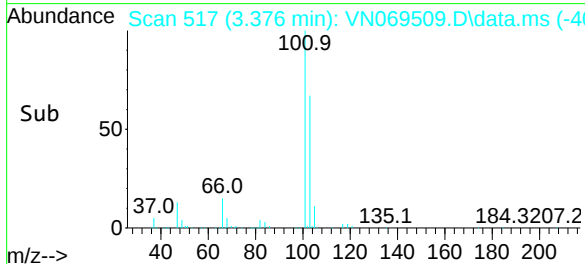
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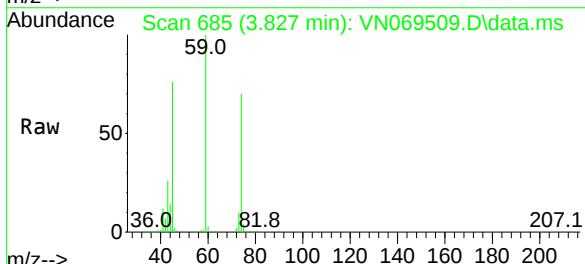
Tgt Ion:101 Resp: 352208
 Ion Ratio Lower Upper
 101 100
 103 66.6 50.1 75.1

Manual Integrations
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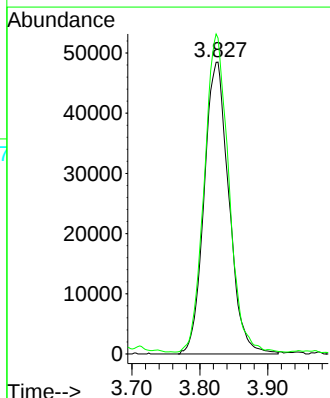
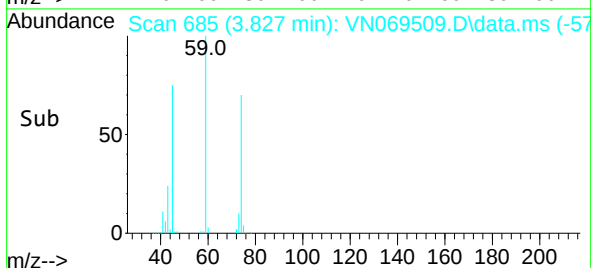
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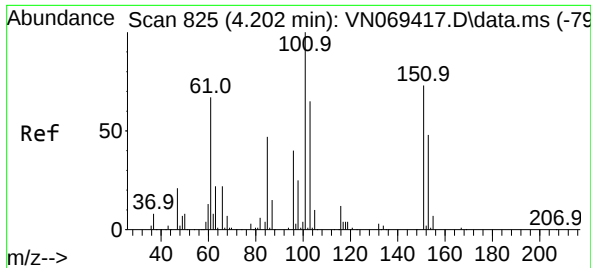


#8
 Diethyl Ether
 Concen: 18.844 ug/l
 RT: 3.827 min Scan# 685
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 122816
 Ion Ratio Lower Upper
 74 100
 45 107.0 47.0 141.2





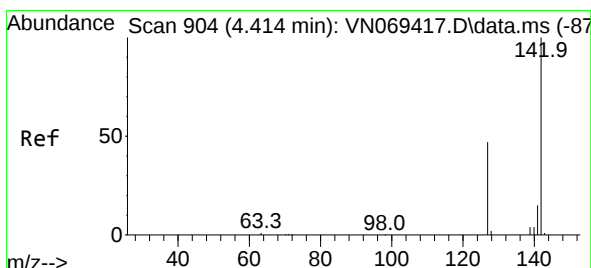
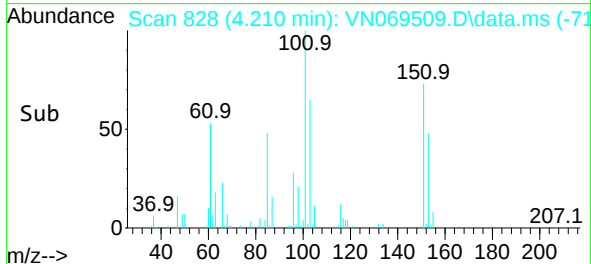
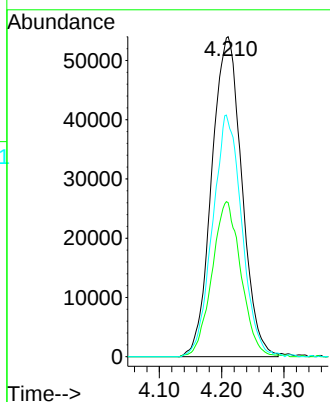
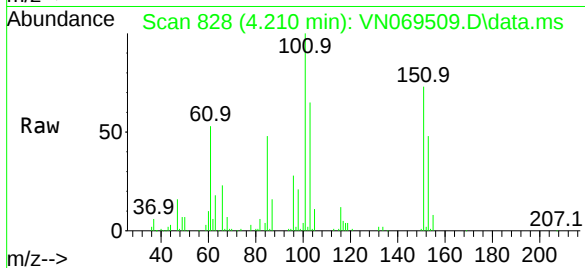
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.077 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.008 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01

Tgt Ion:101 Resp: 18102
Ion Ratio Lower Upper
101 100
85 46.8 37.2 55.8
151 73.3 65.9 98.9

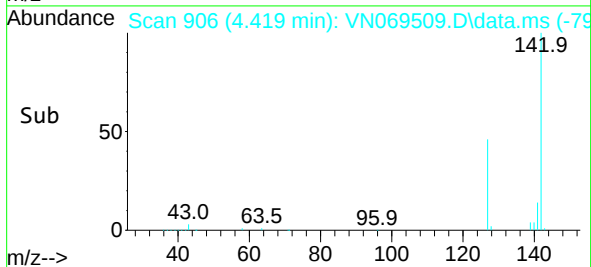
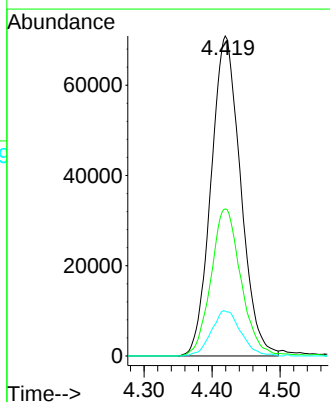
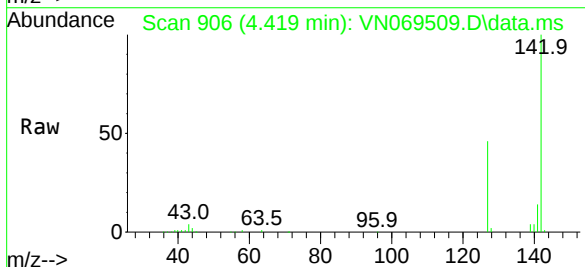
Manual Integrations
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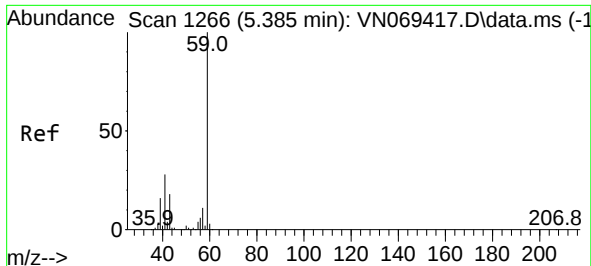
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#10
Methyl Iodide
Concen: 18.373 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

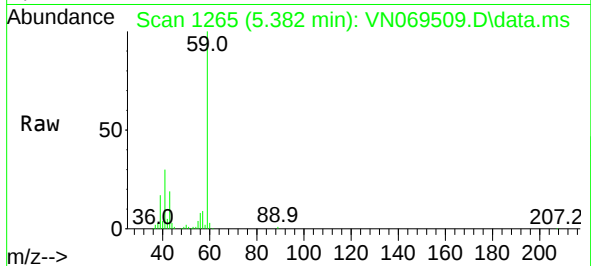
Tgt Ion:142 Resp: 213833
Ion Ratio Lower Upper
142 100
127 46.9 35.4 53.0
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 88.345 ug/l
RT: 5.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

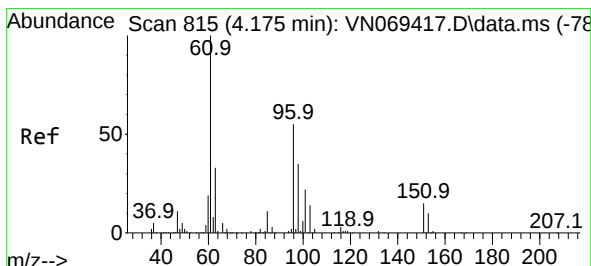
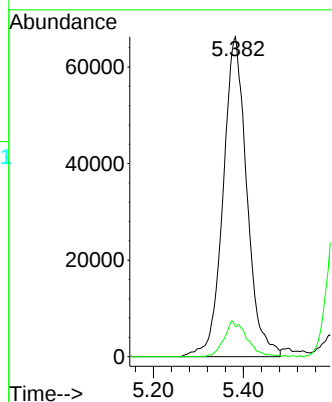
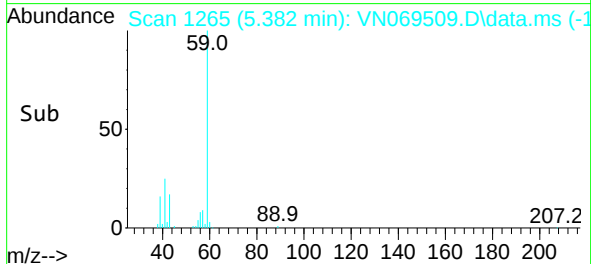
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



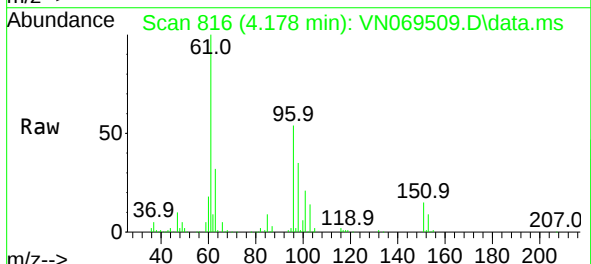
Tgt Ion: 59 Resp: 24251
Ion Ratio Lower Upper
59 100
57 5.3 8.7 13.1

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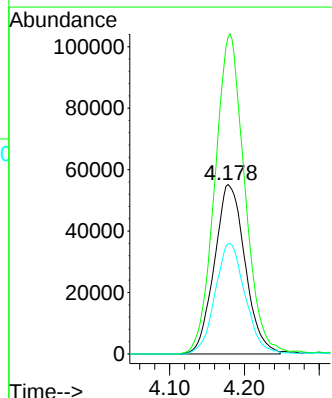
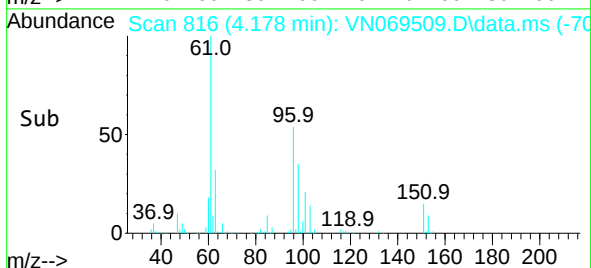
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#12
1,1-Dichloroethene
Concen: 18.431 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28



Tgt Ion: 96 Resp: 156951
Ion Ratio Lower Upper
96 100
61 186.9 131.0 196.6
98 65.1 52.4 78.6





#13

Acrolein

Concen: 64.139 ug/l

RT: 4.044 min Scan# 7

Delta R.T. 0.003 min

Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBS01

Tgt Ion: 56 Resp: 2684

Ion Ratio Lower Upper

56 100

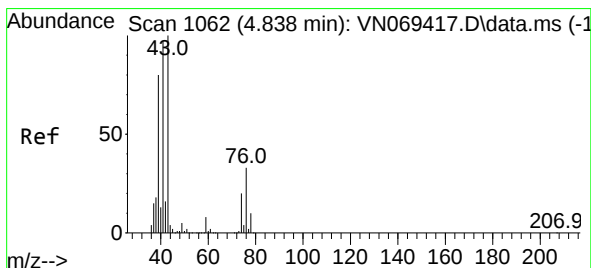
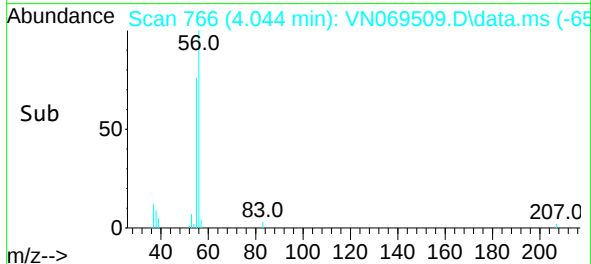
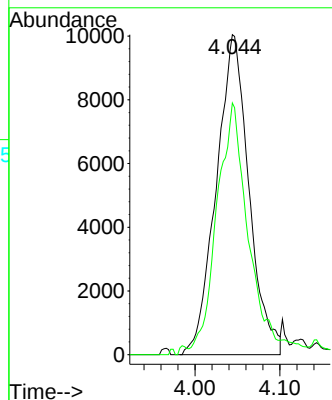
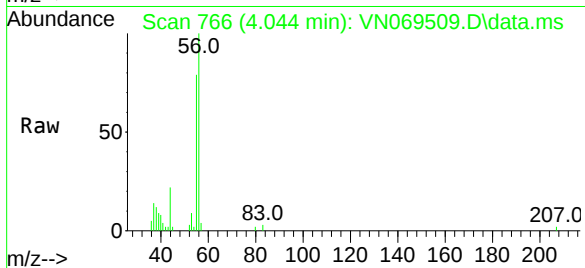
55 70.1 56.6 85.0

Manual Integrations

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Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#14

Allyl chloride

Concen: 18.151 ug/l

RT: 4.840 min Scan# 1063

Delta R.T. 0.002 min

Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

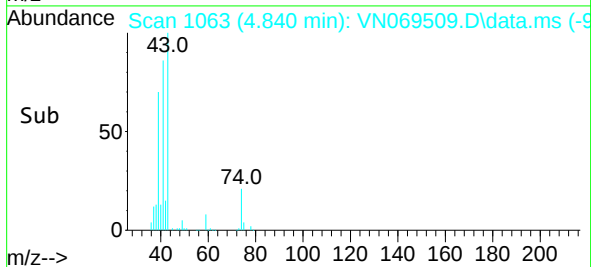
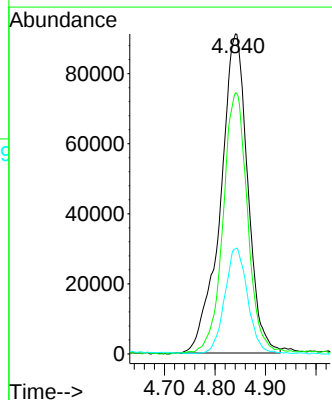
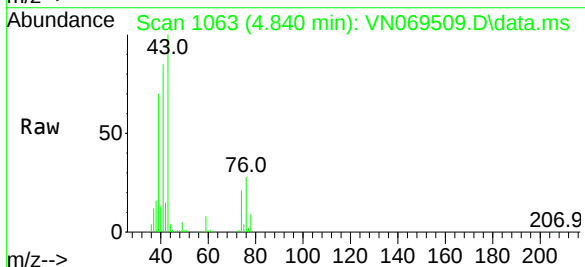
Tgt Ion: 41 Resp: 341722

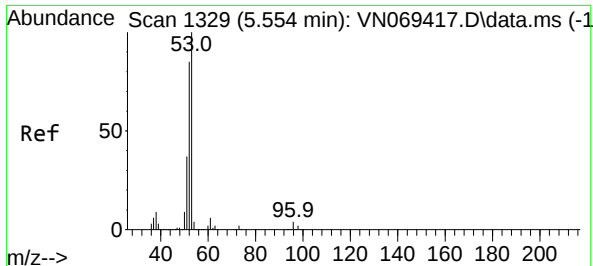
Ion Ratio Lower Upper

41 100

39 71.4 61.2 91.8

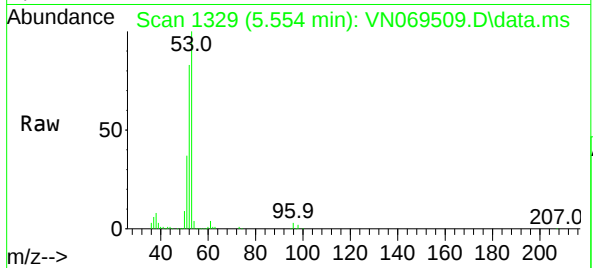
76 27.5 26.0 39.0





#15
Acrylonitrile
Concen: 99.567 ug/l
RT: 5.554 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

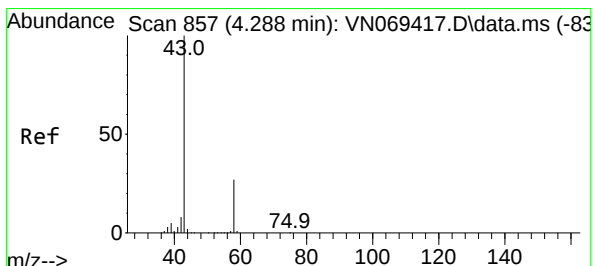
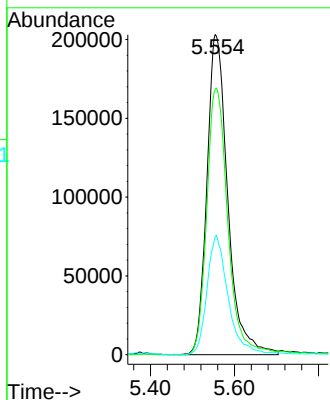
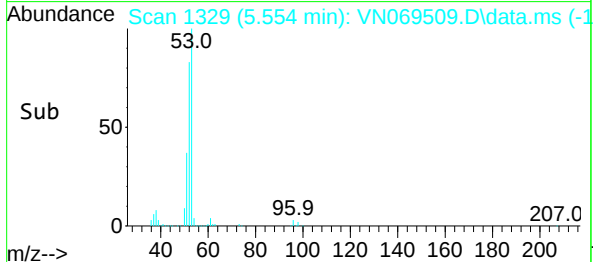
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



Tgt Ion: 53 Resp: 69992
Ion Ratio Lower Upper
53 100
52 83.0 66.2 99.2
51 37.4 29.6 44.4

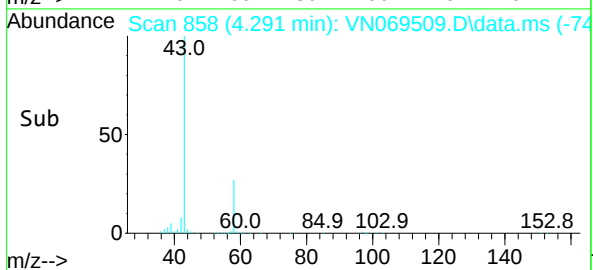
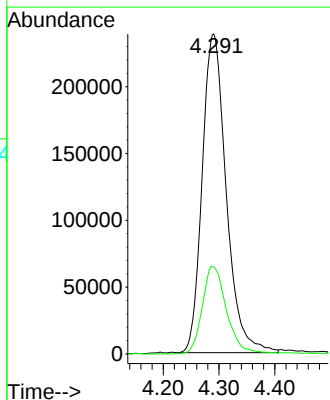
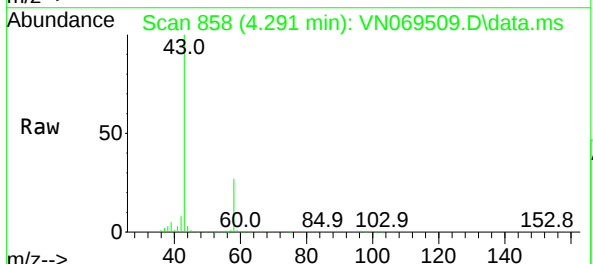
Manual Integrations
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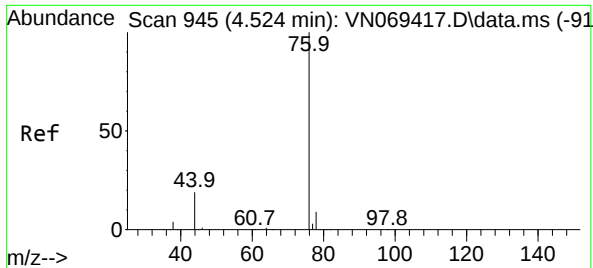
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#16
Acetone
Concen: 86.993 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

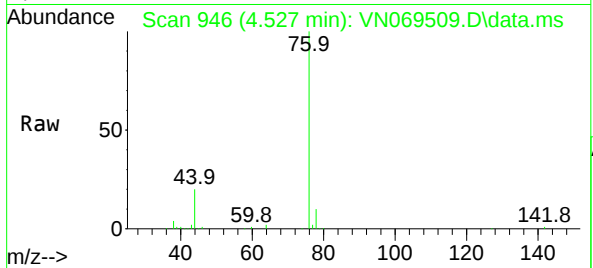
Tgt Ion: 43 Resp: 715018
Ion Ratio Lower Upper
43 100
58 27.2 23.1 34.7





#17
Carbon Disulfide
Concen: 14.178 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

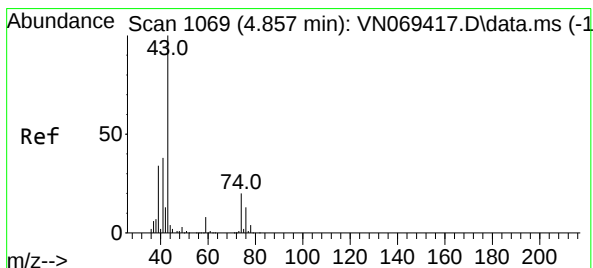
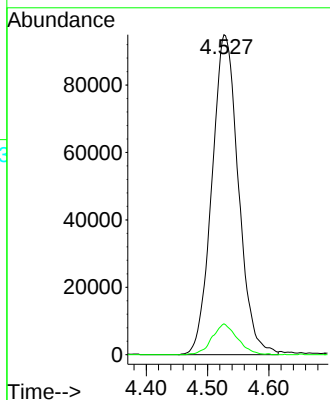
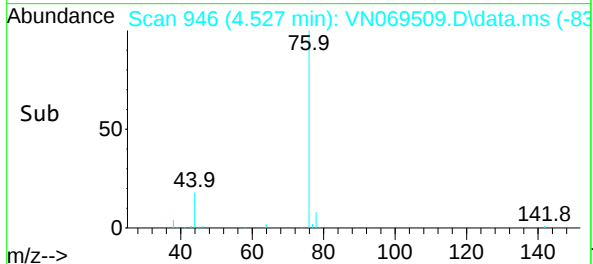
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



Tgt Ion: 76 Resp: 285380
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3

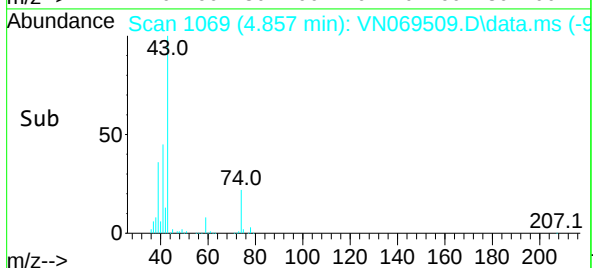
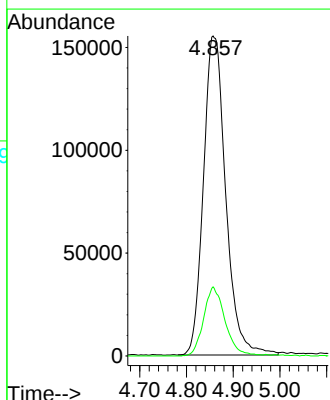
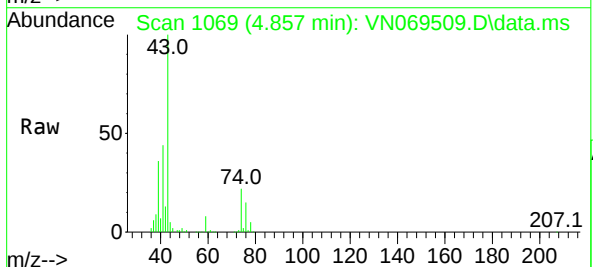
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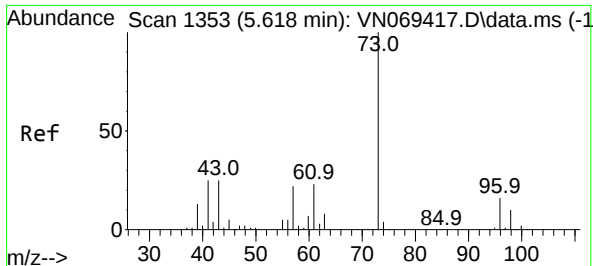
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#18
Methyl Acetate
Concen: 19.239 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Tgt Ion: 43 Resp: 514040
Ion Ratio Lower Upper
43 100
74 20.9 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 19.666 ug/l

RT: 5.616 min Scan# 11

Delta R.T. -0.002 min

Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBS01

Tgt Ion: 73 Resp: 708710

Ion Ratio Lower Upper

73 100

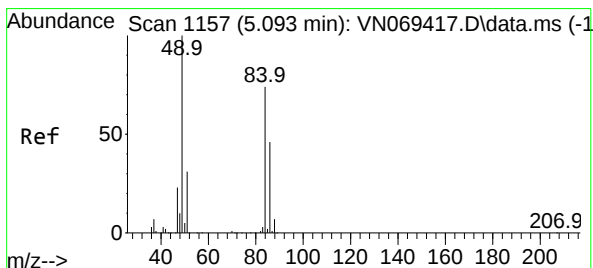
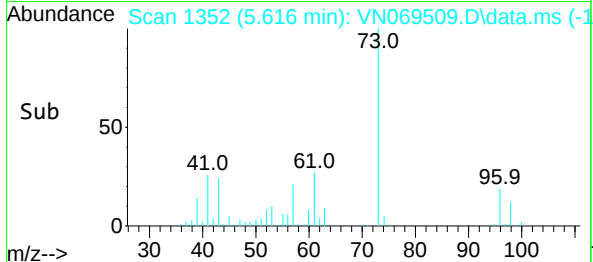
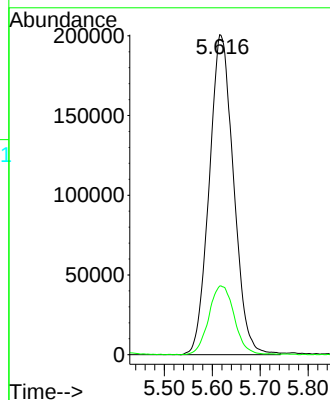
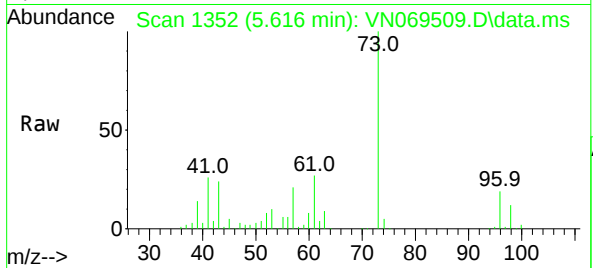
57 21.5 16.8 25.2

Manual Integrations

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Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#20

Methylene Chloride

Concen: 18.662 ug/l

RT: 5.098 min Scan# 1159

Delta R.T. 0.005 min

Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Tgt Ion: 84 Resp: 217505

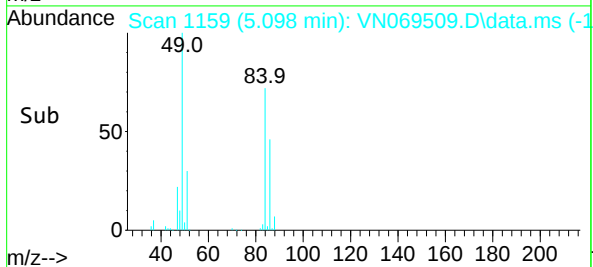
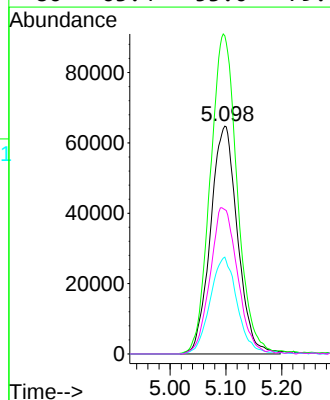
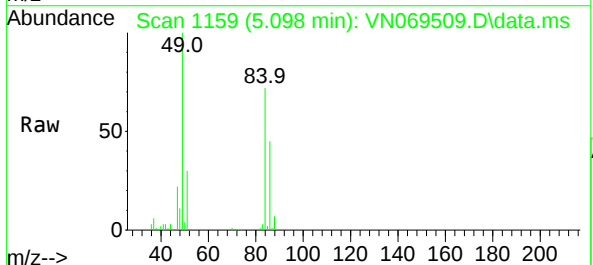
Ion Ratio Lower Upper

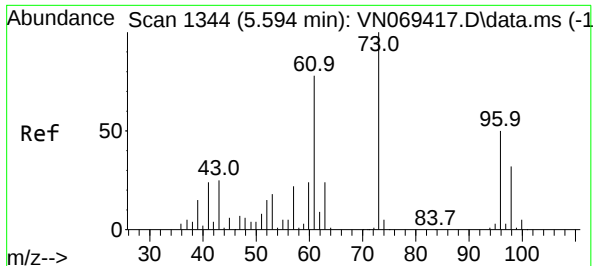
84 100

49 139.4 93.5 140.3

51 42.5 29.4 44.2

86 63.4 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 18.514 ug/l

RT: 5.602 min Scan# 1

Delta R.T. 0.008 min

Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBS01

Tgt Ion: 96 Resp: 17608

Ion Ratio Lower Upper

96 100

61 143.6 105.8 158.6

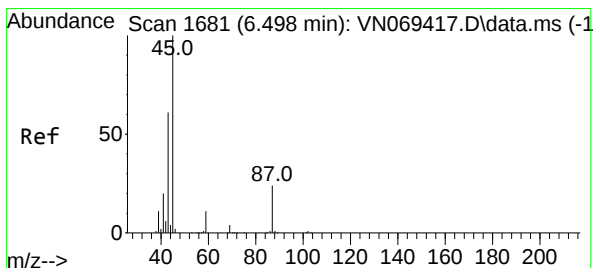
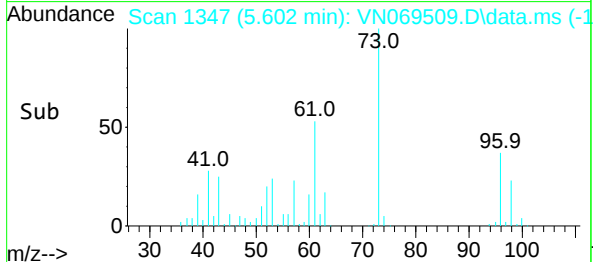
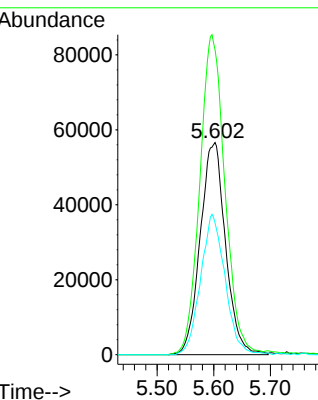
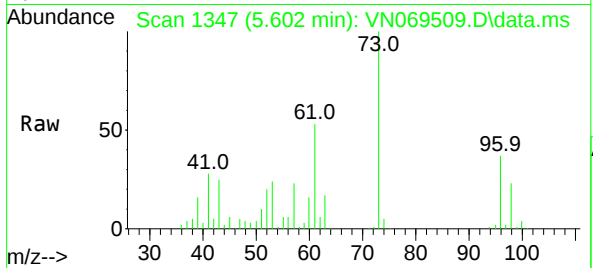
98 62.1 52.0 78.0

Manual Integrations

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Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#22

Diisopropyl ether

Concen: 20.174 ug/l

RT: 6.498 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Tgt Ion: 45 Resp: 818153

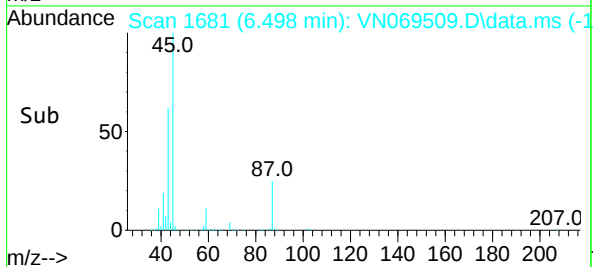
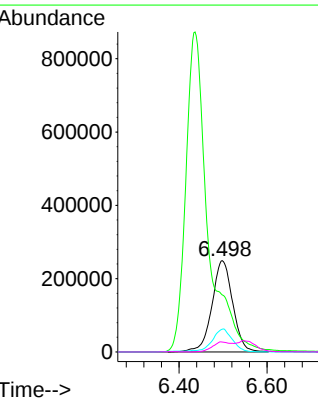
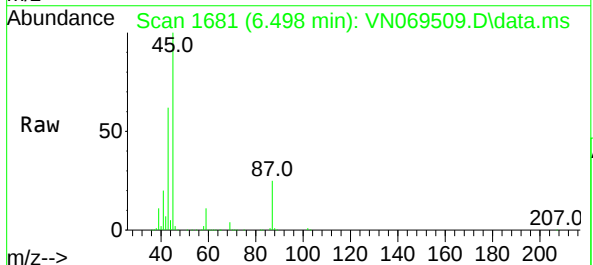
Ion Ratio Lower Upper

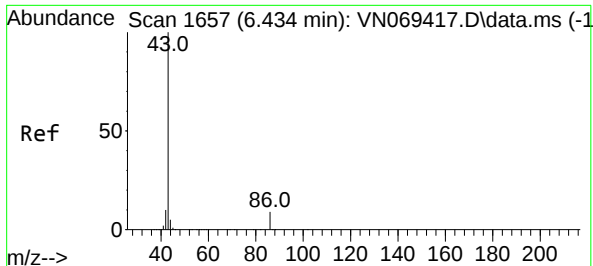
45 100

43 60.9 51.7 77.5

87 24.7 23.2 34.8

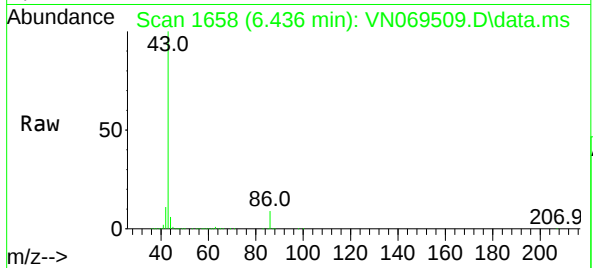
59 10.5 9.4 14.0





#23
 Vinyl Acetate
 Concen: 96.872 ug/l
 RT: 6.436 min Scan# 1657
 Delta R.T. 0.002 min
 Lab File: VN069509.D
 Acq: 16 Nov 2021 15:28

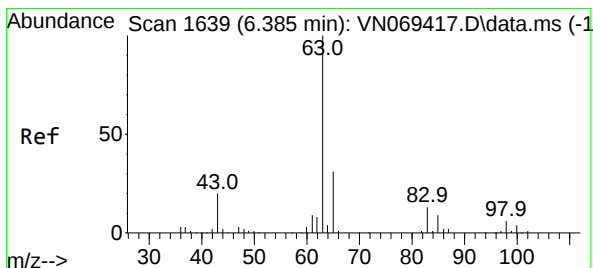
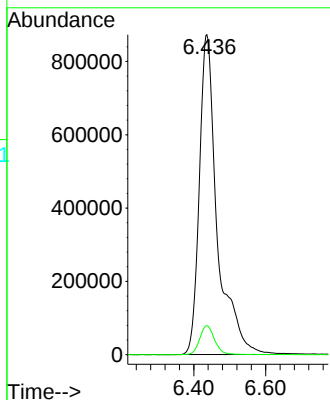
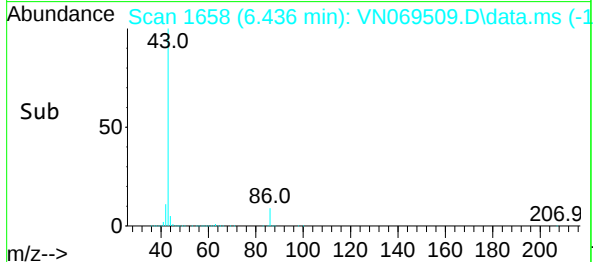
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBS01



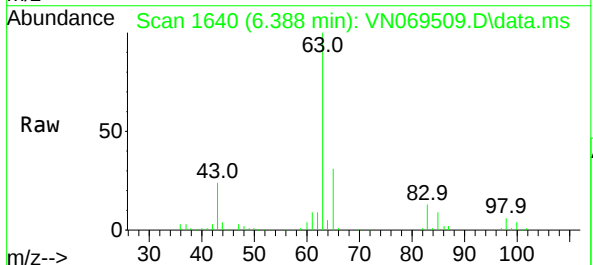
Tgt Ion: 43 Resp: 3038574
 Ion Ratio Lower Upper
 43 100
 86 9.1 8.5 12.7

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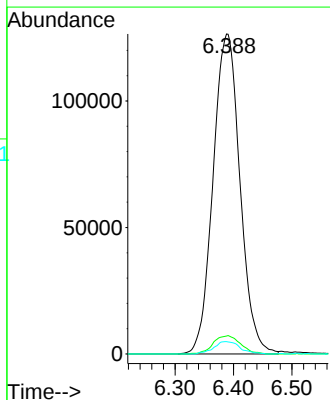
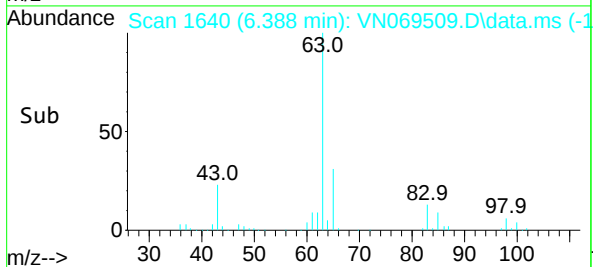
Reviewed By :John Carlone 11/17/2021
 Supervised By :Mahesh Dadoda 11/18/2021

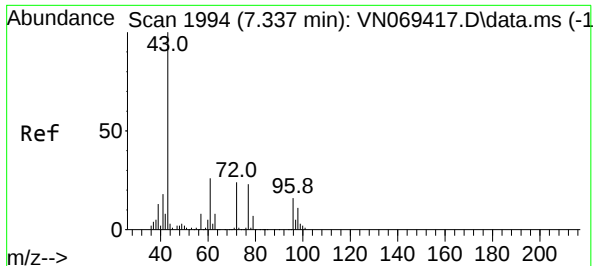


#24
 1,1-Dichloroethane
 Concen: 19.598 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.003 min
 Lab File: VN069509.D
 Acq: 16 Nov 2021 15:28



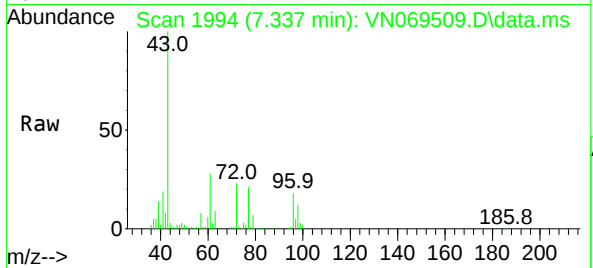
Tgt Ion: 63 Resp: 404829
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.3 9.9
 100 3.8 2.1 6.5





#25
2-Butanone
Concen: 94.337 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

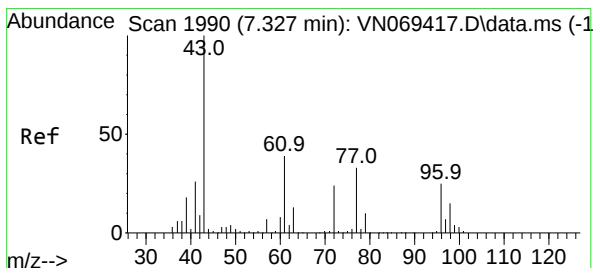
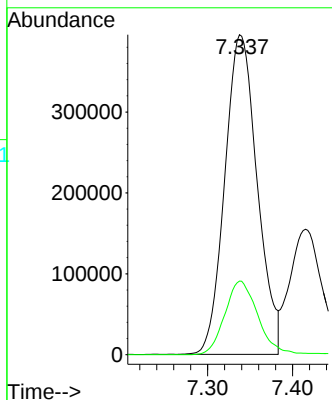
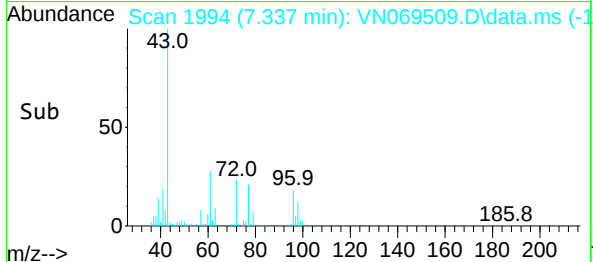
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



Tgt Ion: 43 Resp: 1049928
Ion Ratio Lower Upper
43 100
72 23.0 21.7 32.5

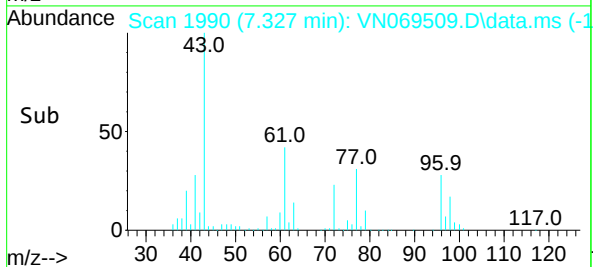
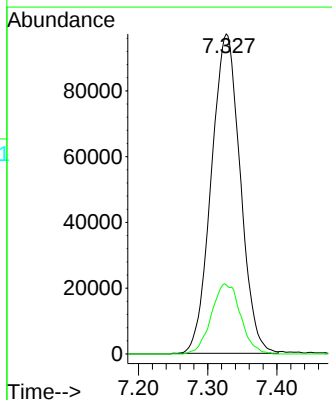
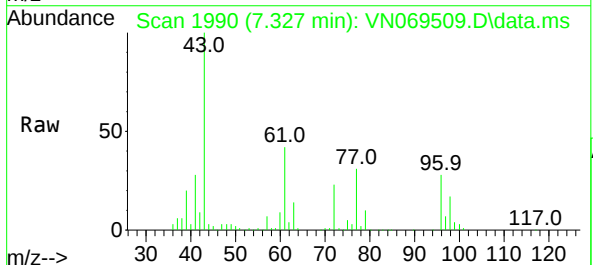
Manual Integrations
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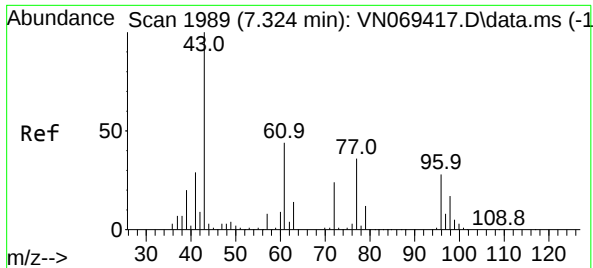
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#26
2,2-Dichloropropane
Concen: 17.438 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

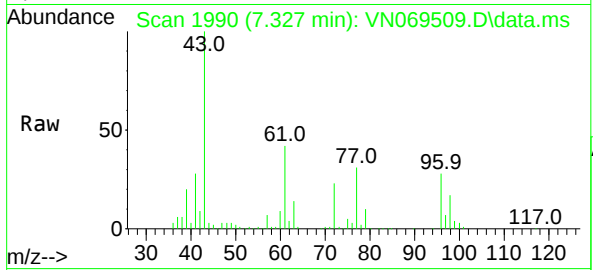
Tgt Ion: 77 Resp: 281836
Ion Ratio Lower Upper
77 100
97 22.2 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 19.579 ug/l
 RT: 7.327 min Scan# 1989
 Delta R.T. 0.003 min
 Lab File: VN069509.D
 Acq: 16 Nov 2021 15:28

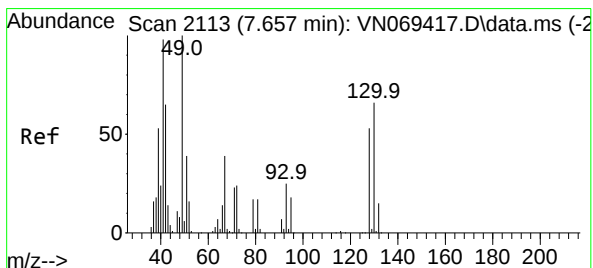
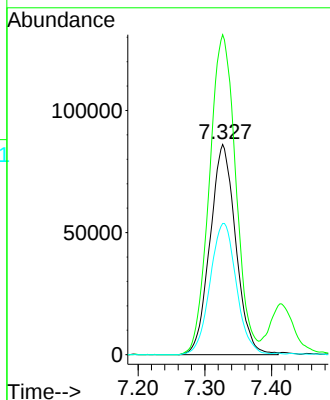
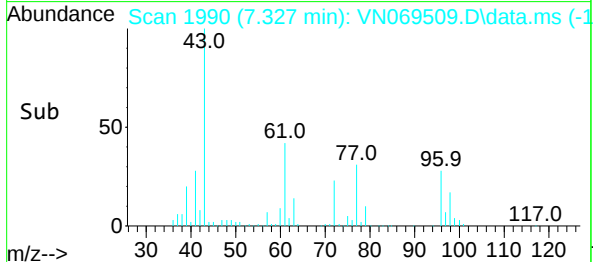
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBS01



Tgt Ion: 96 Resp: 230839
 Ion Ratio Lower Upper
 96 100
 61 155.8 0.0 275.0
 98 63.9 0.0 129.6

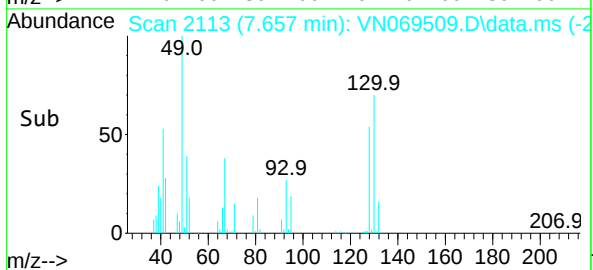
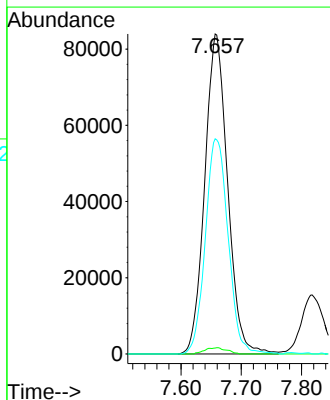
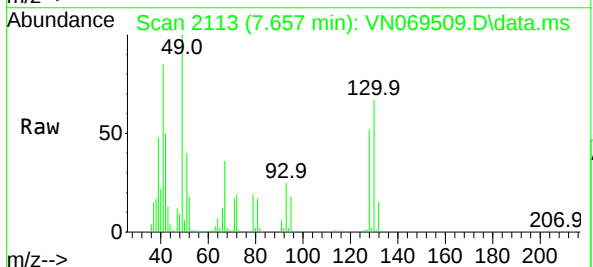
Manual Integrations
 APPROVED

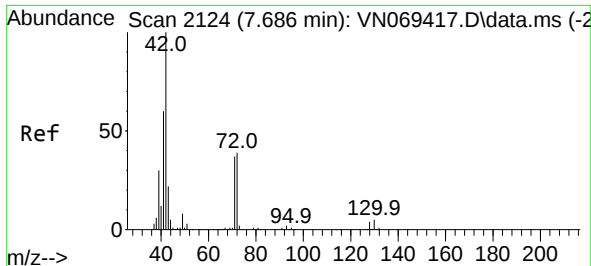
Reviewed By :John Carlone 11/17/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#28
 Bromochloromethane
 Concen: 20.910 ug/l
 RT: 7.657 min Scan# 2113
 Delta R.T. -0.000 min
 Lab File: VN069509.D
 Acq: 16 Nov 2021 15:28

Tgt Ion: 49 Resp: 221198
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 67.1 67.8 101.8#





#29

Tetrahydrofuran

Concen: 99.816 ug/l

RT: 7.689 min Scan# 2124

Delta R.T. 0.003 min

Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBS01

Tgt Ion: 42 Resp: 681740

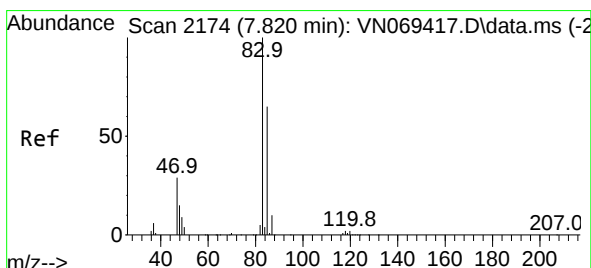
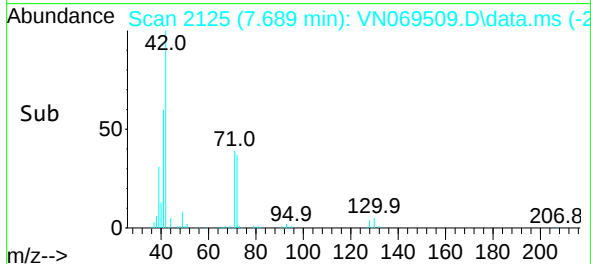
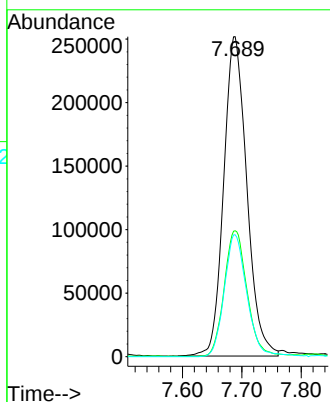
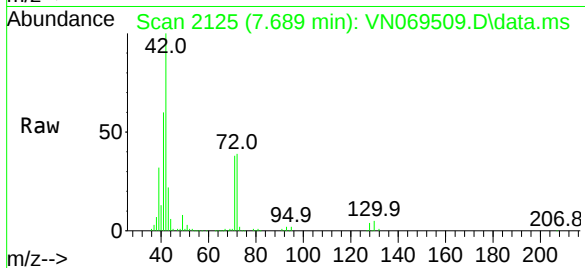
Ion	Ratio	Lower	Upper
42	100		
72	39.0	36.3	54.5
71	37.5	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#30

Chloroform

Concen: 19.891 ug/l

RT: 7.817 min Scan# 2173

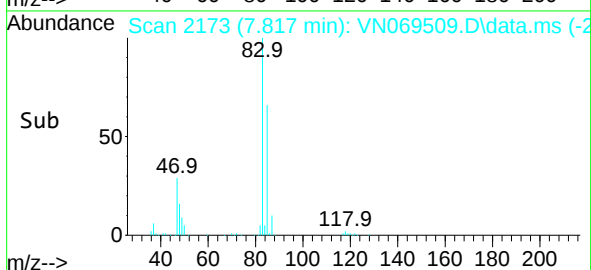
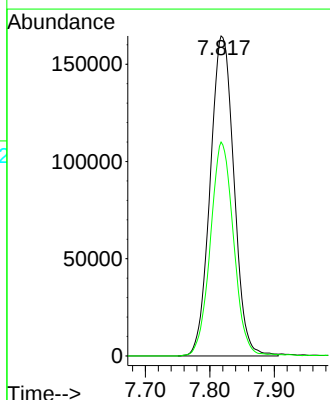
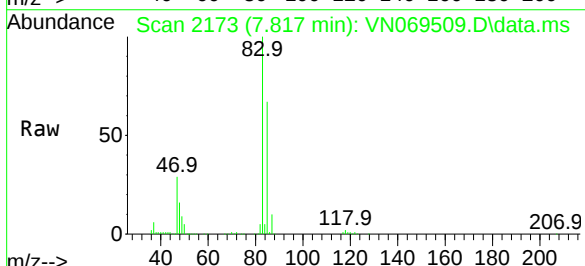
Delta R.T. -0.003 min

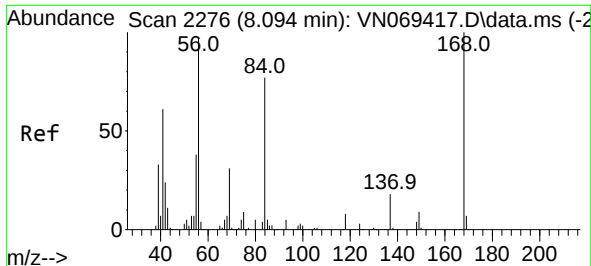
Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Tgt Ion: 83 Resp: 421229

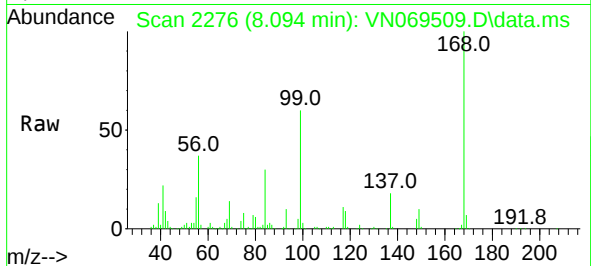
Ion	Ratio	Lower	Upper
83	100		
85	66.9	51.9	77.9





#31
Cyclohexane
Concen: 17.834 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

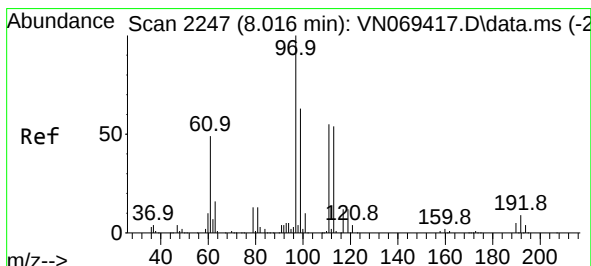
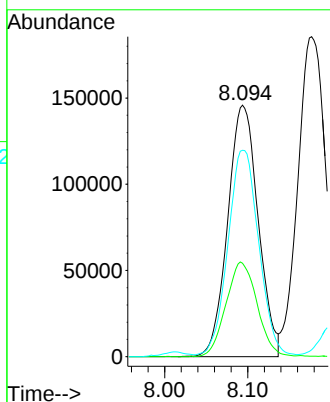
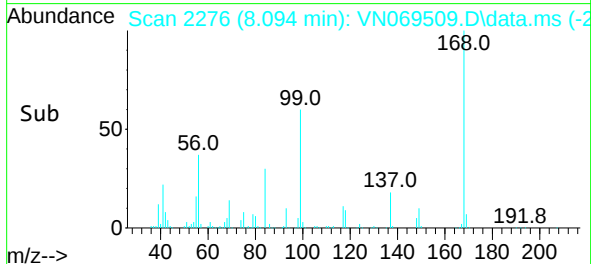
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



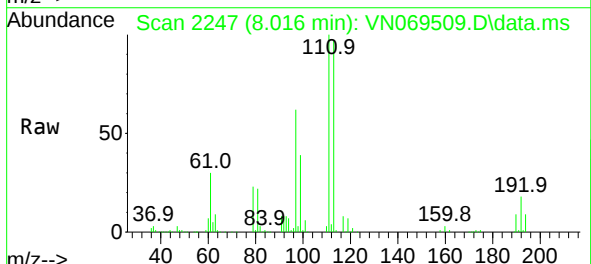
Tgt Ion: 56 Resp: 37116
Ion Ratio Lower Upper
56 100
69 37.2 27.1 40.7
84 80.2 73.4 110.0

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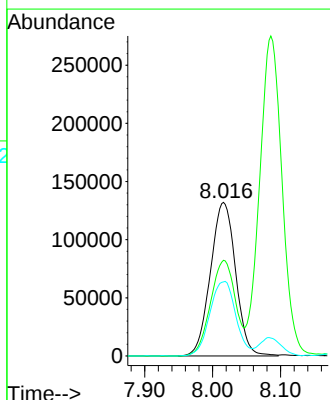
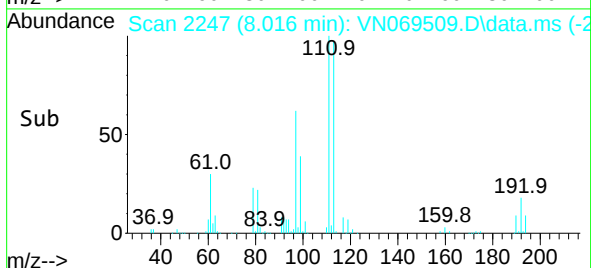
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

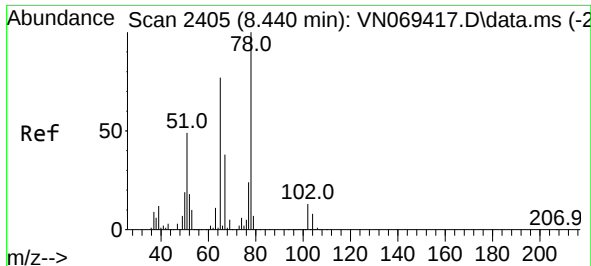


#32
1,1,1-Trichloroethane
Concen: 19.258 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28



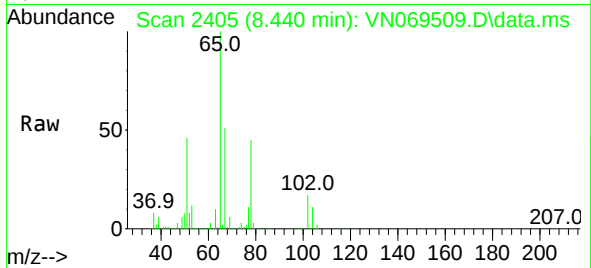
Tgt Ion: 97 Resp: 340404
Ion Ratio Lower Upper
97 100
99 61.2 50.1 75.1
61 50.1 35.2 52.8





#33
 1,2-Dichloroethane-d4
 Concen: 50.691 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN069509.D
 Acq: 16 Nov 2021 15:28

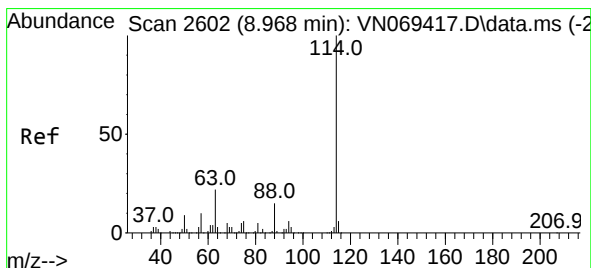
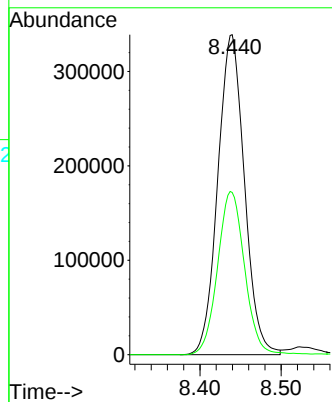
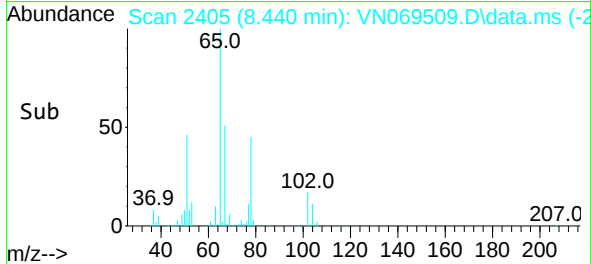
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBS01



Tgt Ion: 65 Resp: 77221
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.0

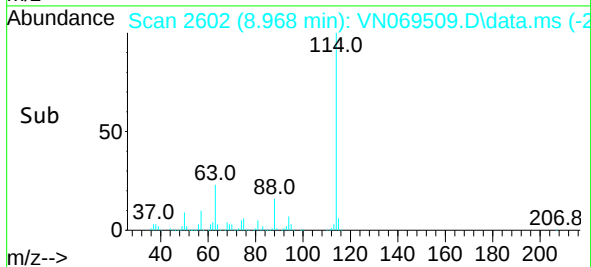
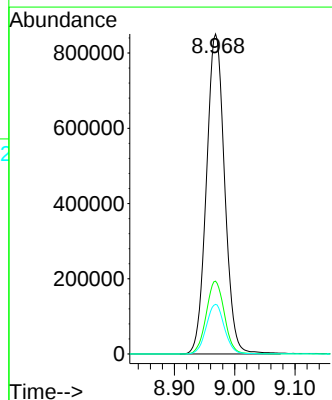
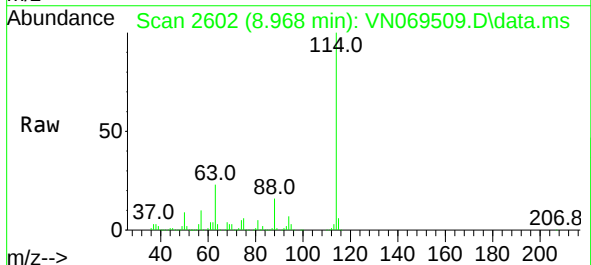
Manual Integrations
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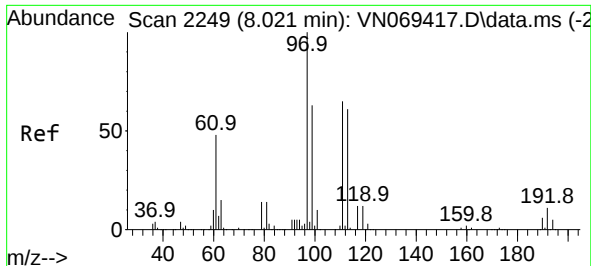
Reviewed By :John Carlone 11/17/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. 0.000 min
 Lab File: VN069509.D
 Acq: 16 Nov 2021 15:28

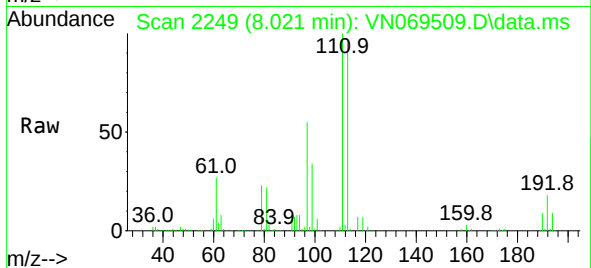
Tgt Ion:114 Resp: 1785554
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 37.8
 88 15.5 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.755 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

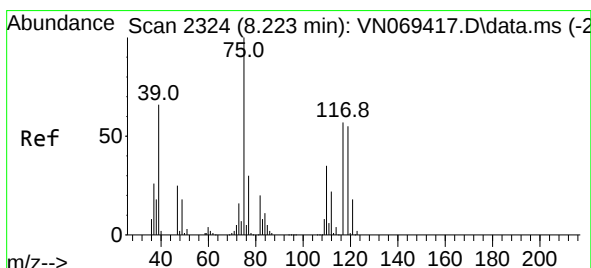
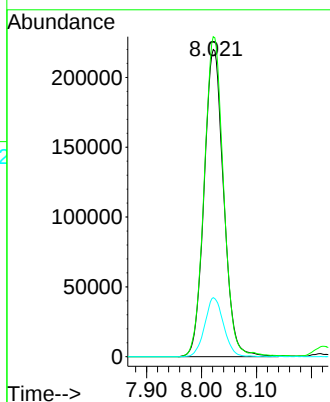
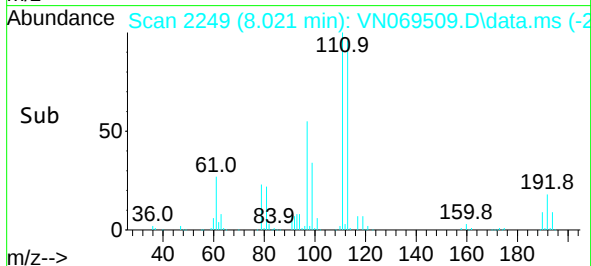
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



Tgt Ion: 113 Resp: 543536
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 18.5 16.9 25.3

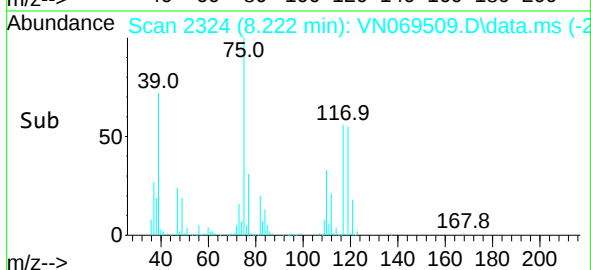
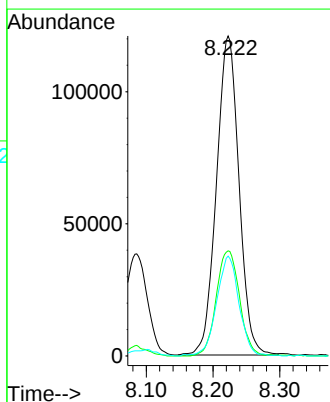
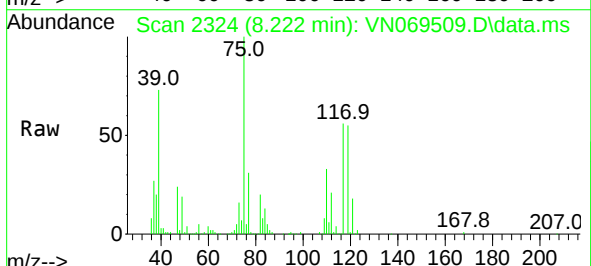
Manual Integrations
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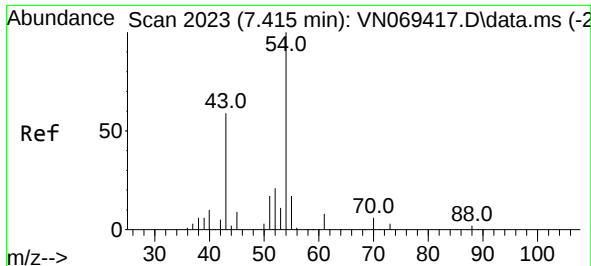
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#36
1,1-Dichloropropene
Concen: 18.844 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.001 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

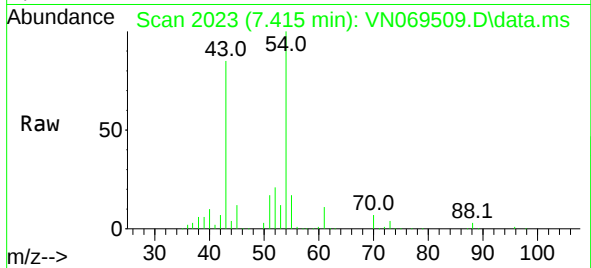
Tgt Ion: 75 Resp: 283117
Ion Ratio Lower Upper
75 100
110 34.0 18.4 55.2
77 30.5 24.4 36.6





#37
Ethyl Acetate
Concen: 20.739 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

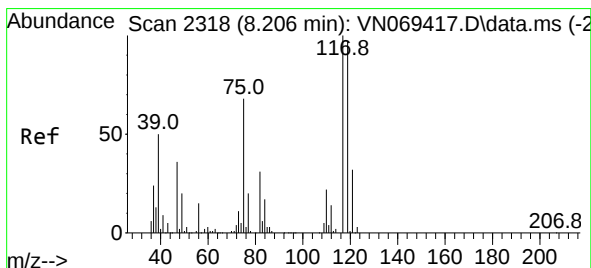
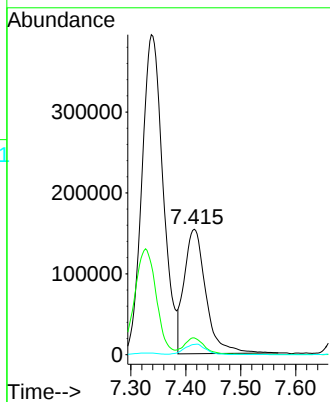
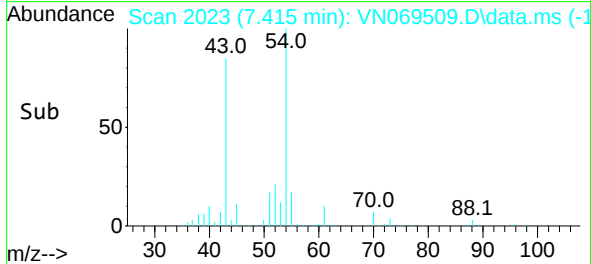
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



Tgt Ion: 43 Resp: 421208
Ion Ratio Lower Upper
43 100
61 12.4 11.5 17.3
70 8.1 7.9 11.9

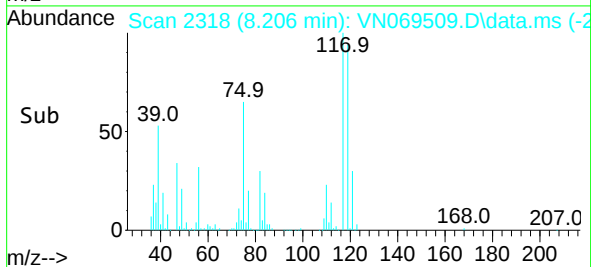
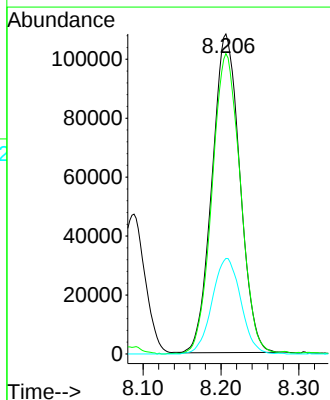
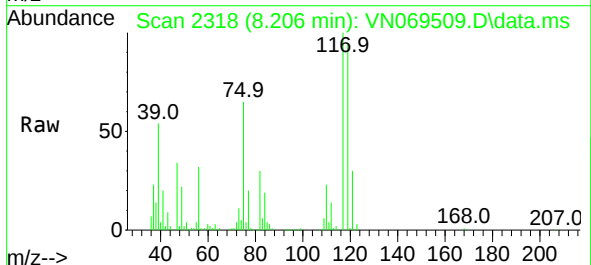
Manual Integrations
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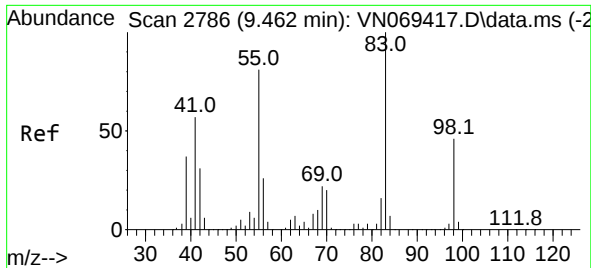
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#38
Carbon Tetrachloride
Concen: 18.465 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

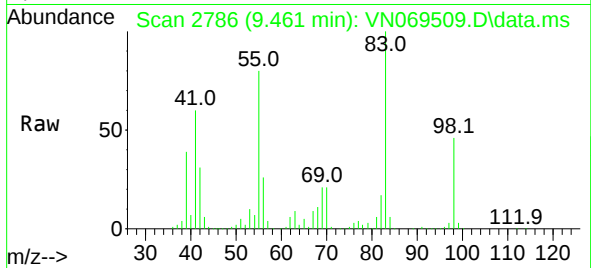
Tgt Ion:117 Resp: 267840
Ion Ratio Lower Upper
117 100
119 94.1 76.1 114.1
121 30.0 24.2 36.2





#39
Methylcyclohexane
Concen: 17.556 ug/l
RT: 9.461 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

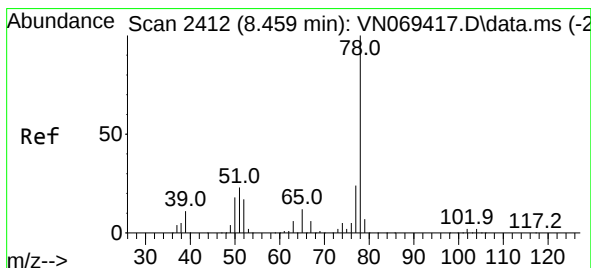
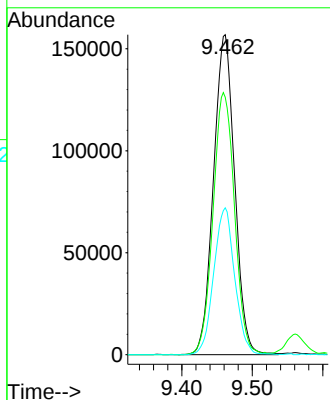
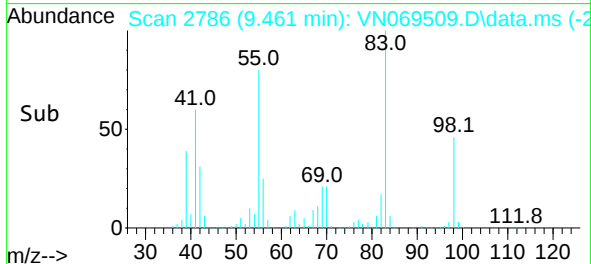
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



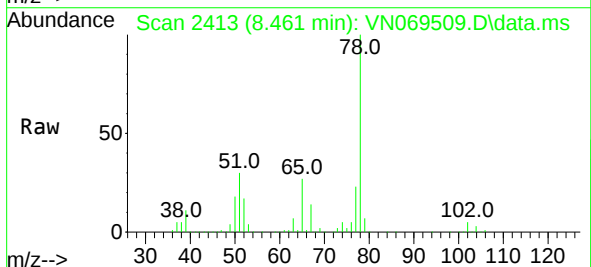
Tgt Ion: 83 Resp: 32812
Ion Ratio Lower Upper
83 100
55 80.5 58.1 87.1
98 45.9 38.4 57.6

Manual Integrations
APPROVED

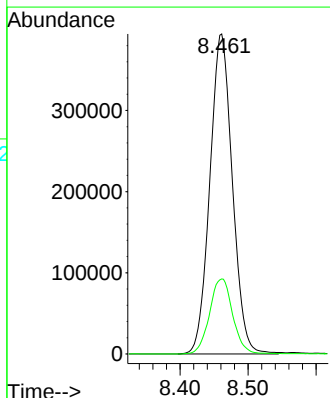
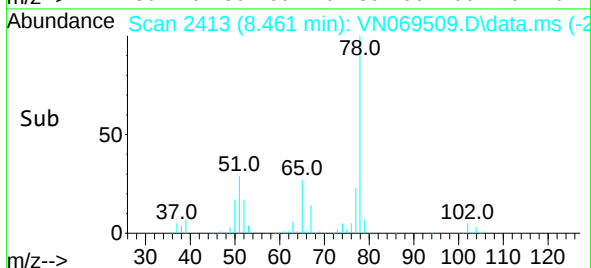
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

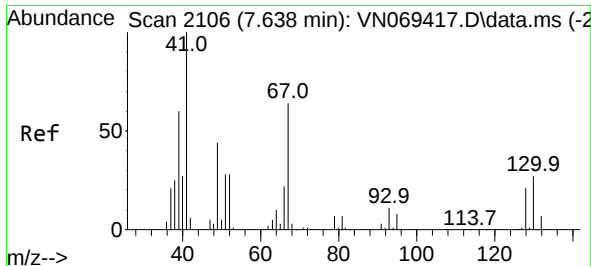


#40
Benzene
Concen: 19.563 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.002 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28



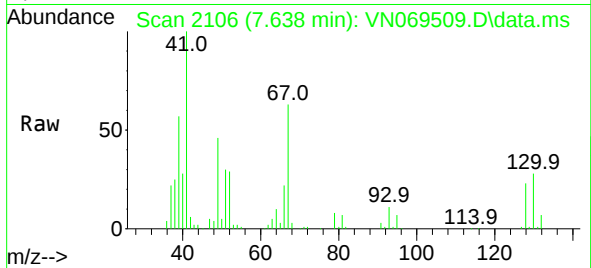
Tgt Ion: 78 Resp: 907231
Ion Ratio Lower Upper
78 100
77 23.5 18.6 27.8





#41
Methacrylonitrile
Concen: 18.516 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

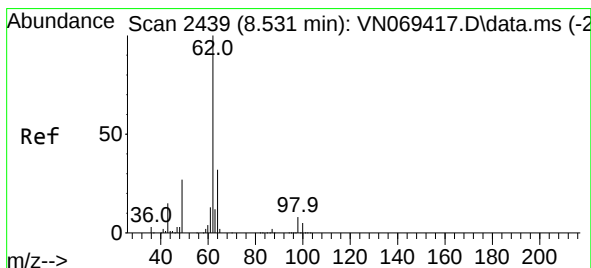
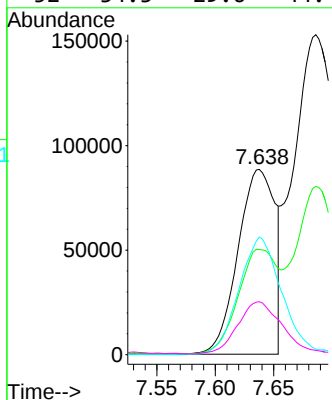
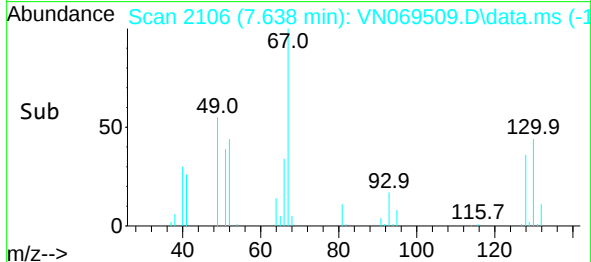
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



Tgt Ion: 41 Resp: 194309
Ion Ratio Lower Upper
41 100
39 60.3 48.1 72.1
67 74.6 68.3 102.5
52 34.3 29.6 44.4

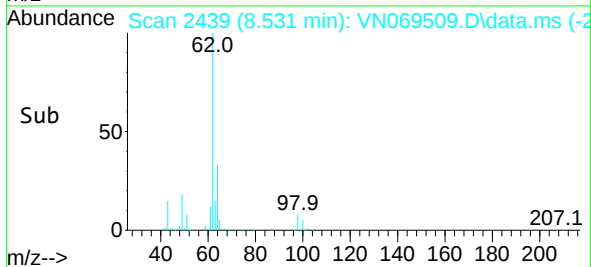
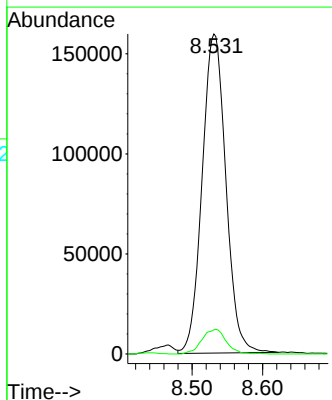
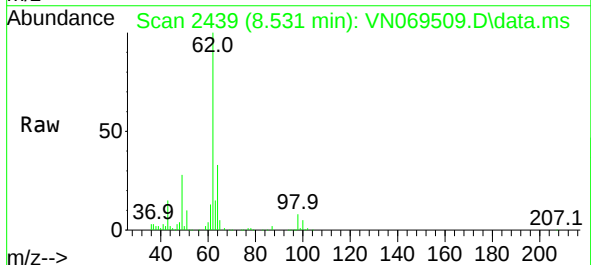
Manual Integrations
APPROVED

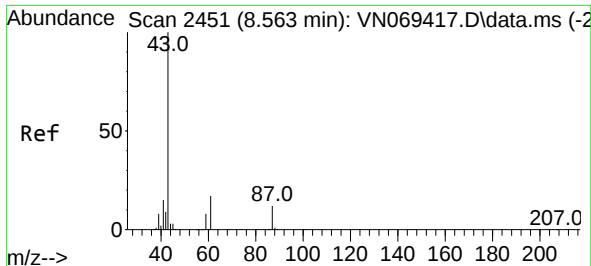
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#42
1,2-Dichloroethane
Concen: 20.520 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

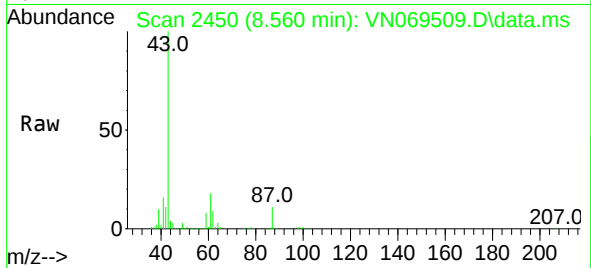
Tgt Ion: 62 Resp: 372621
Ion Ratio Lower Upper
62 100
98 7.9 0.0 17.6





#43
Isopropyl Acetate
Concen: 19.546 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

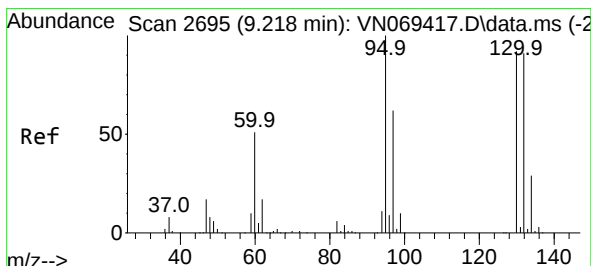
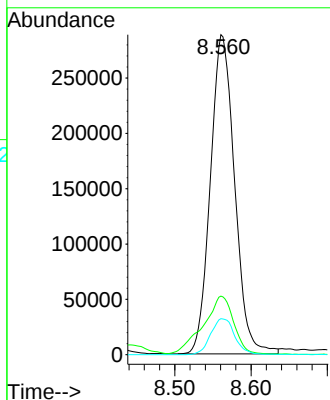
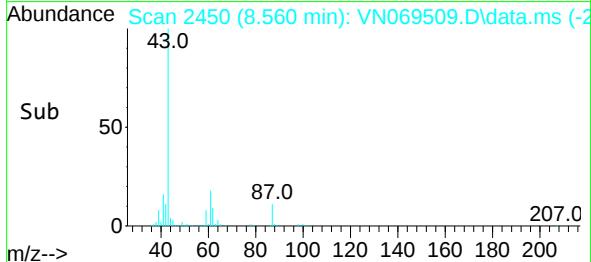
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



Tgt Ion: 43 Resp: 63763
Ion Ratio Lower Upper
43 100
61 22.9 20.4 30.6
87 11.2 11.2 16.8

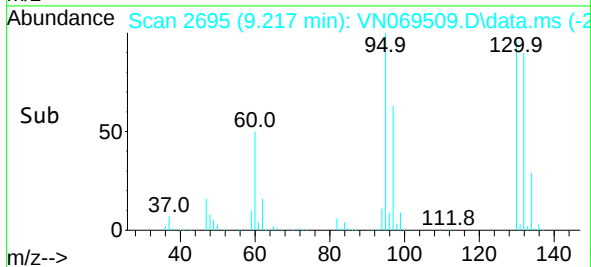
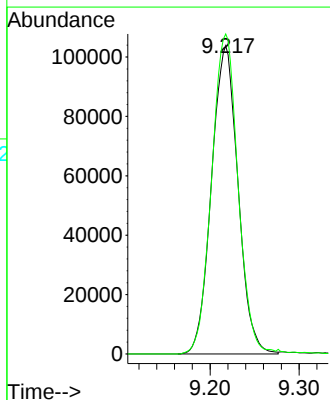
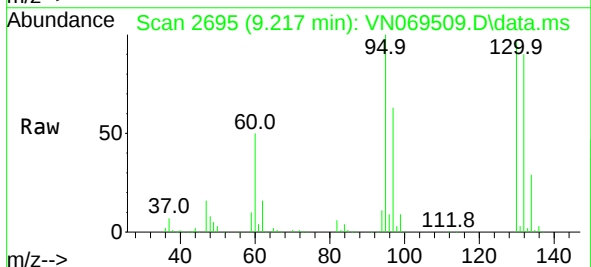
Manual Integrations
APPROVED

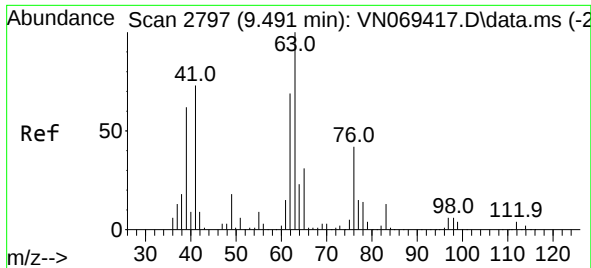
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#44
Trichloroethene
Concen: 19.328 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.001 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

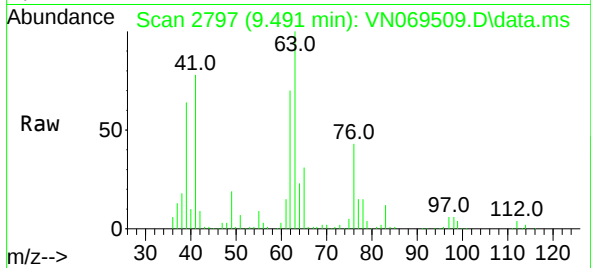
Tgt Ion:130 Resp: 214517
Ion Ratio Lower Upper
130 100
95 103.8 0.0 191.2





#45
1,2-Dichloropropane
Concen: 20.119 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

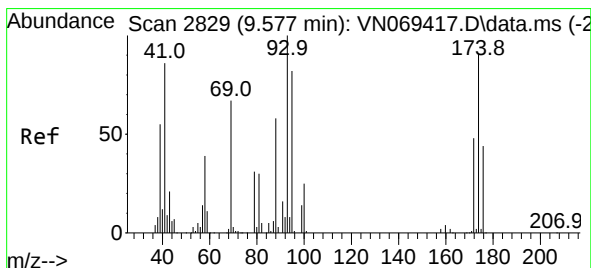
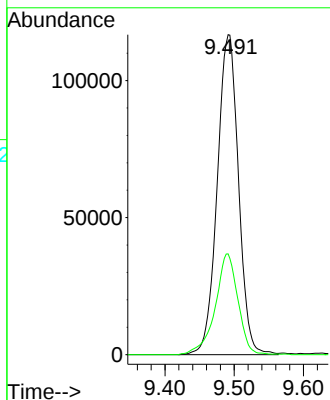
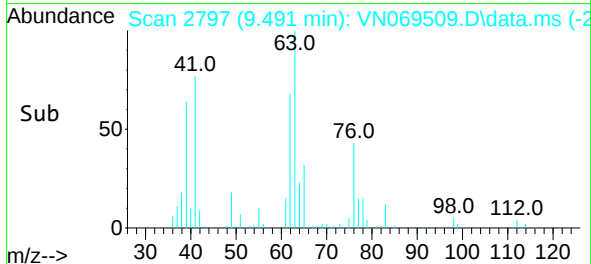
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



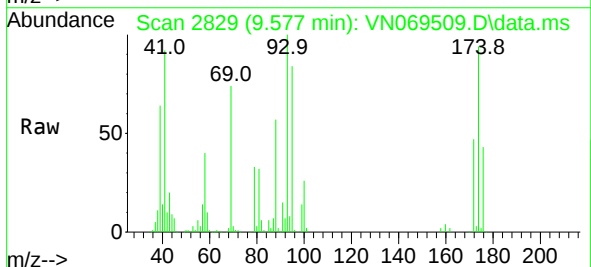
Tgt Ion: 63 Resp: 24927
Ion Ratio Lower Upper
63 100
65 31.5 24.7 37.1

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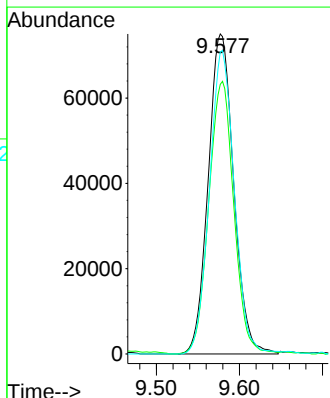
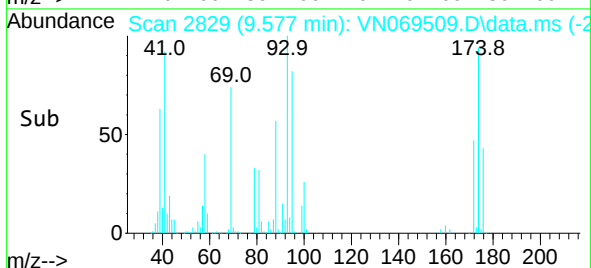
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

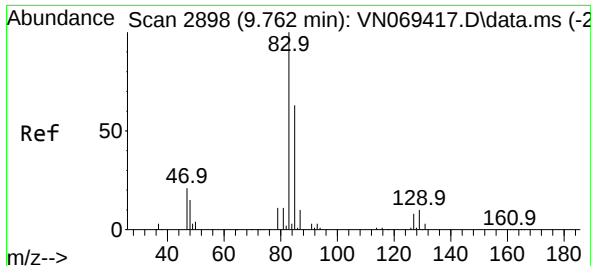


#46
Dibromomethane
Concen: 19.314 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28



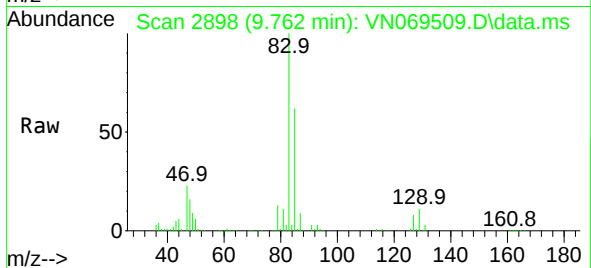
Tgt Ion: 93 Resp: 160285
Ion Ratio Lower Upper
93 100
95 83.7 65.9 98.9
174 92.5 84.6 127.0





#47
Bromodichloromethane
Concen: 19.125 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

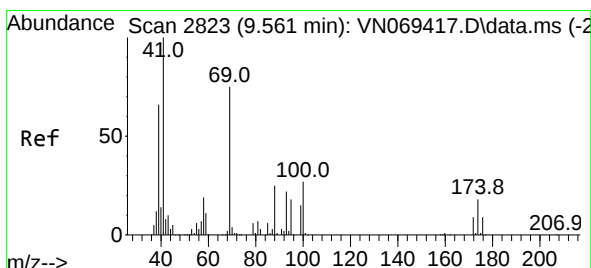
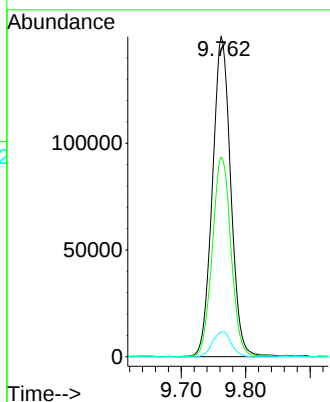
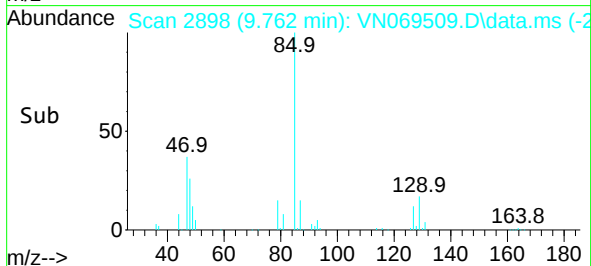
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



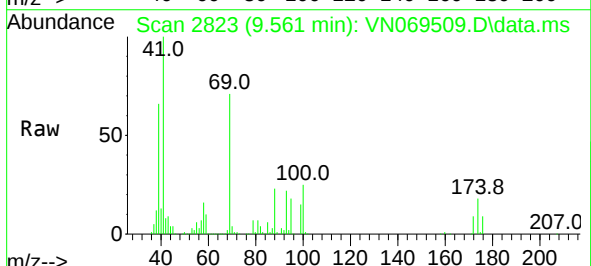
Tgt Ion: 83 Resp: 29617
Ion Ratio Lower Upper
83 100
85 62.2 50.9 76.3
127 7.7 7.1 10.7

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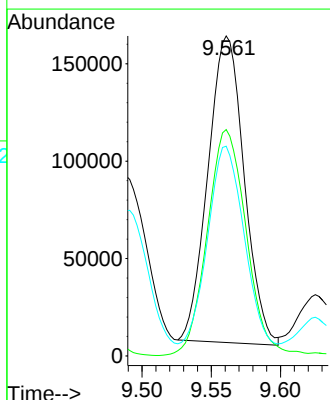
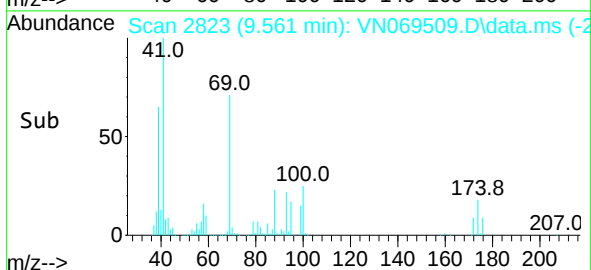
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

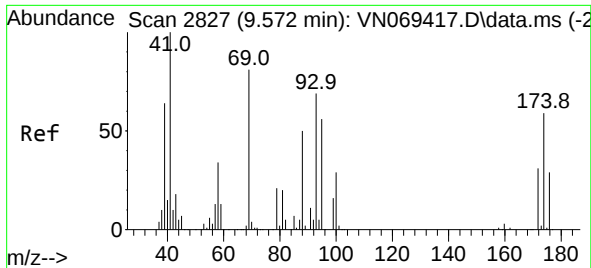


#48
Methyl methacrylate
Concen: 18.653 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28



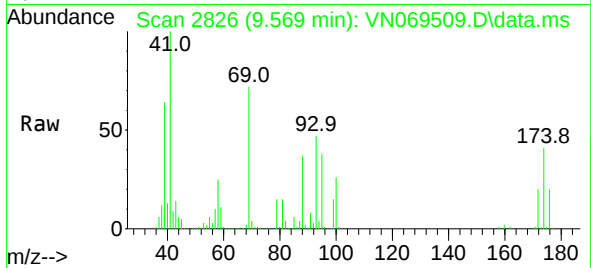
Tgt Ion: 41 Resp: 286283
Ion Ratio Lower Upper
41 100
69 79.5 72.4 108.6
39 71.3 58.4 87.6





#49
1,4-Dioxane
Concen: 368.876 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.003 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

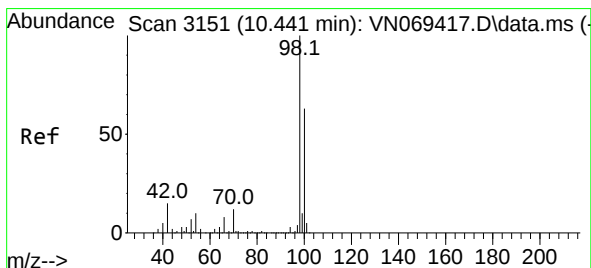
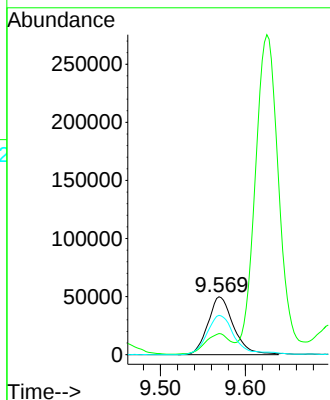
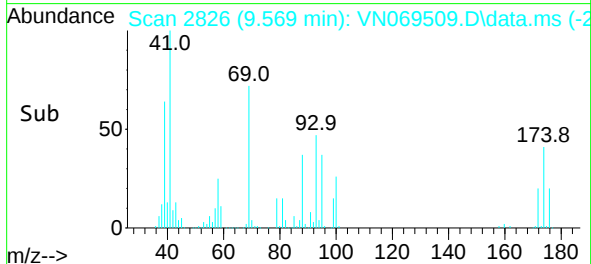
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



Tgt Ion: 88 Resp: 104394
Ion Ratio Lower Upper
88 100
43 34.4 23.4 35.2
58 70.9 50.6 75.8

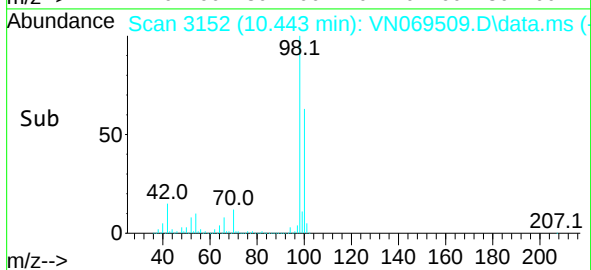
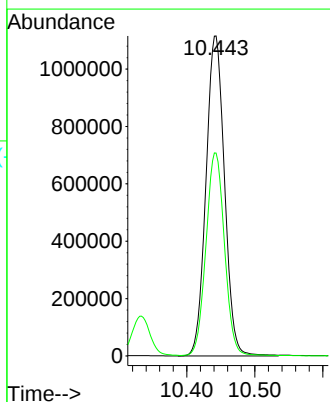
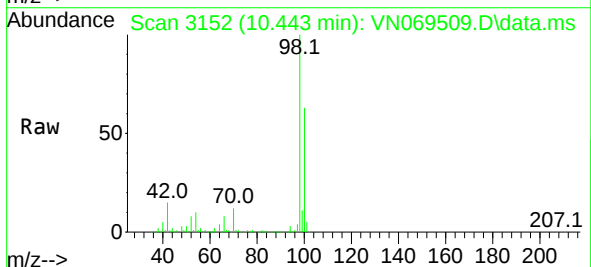
Manual Integrations
APPROVED

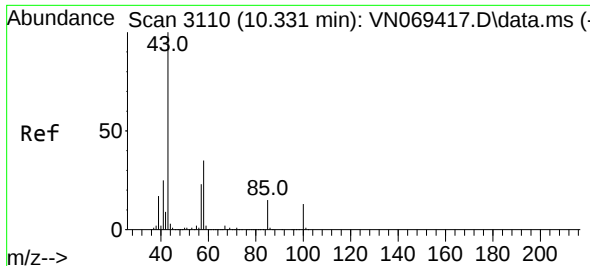
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#50
Toluene-d8
Concen: 50.215 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.002 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Tgt Ion: 98 Resp: 2114973
Ion Ratio Lower Upper
98 100
100 63.3 50.4 75.6





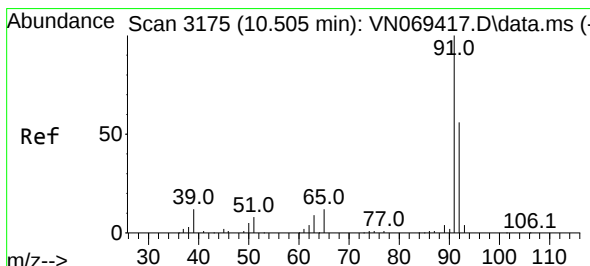
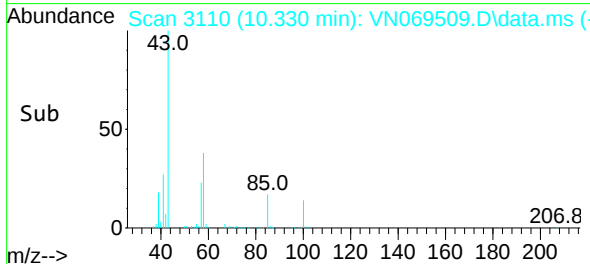
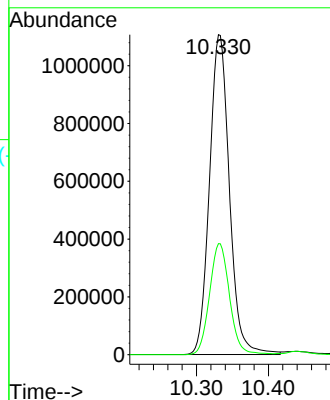
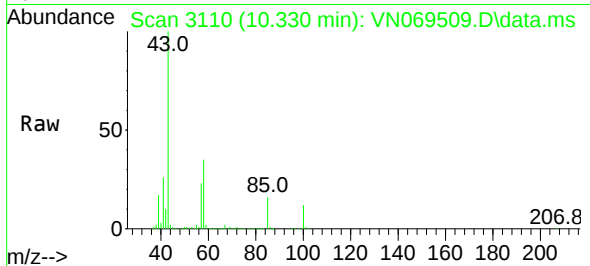
#51
4-Methyl-2-Pentanone
Concen: 101.162 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.001 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01

Tgt Ion: 43 Resp: 2130108
Ion Ratio Lower Upper
43 100
58 34.9 30.4 45.6

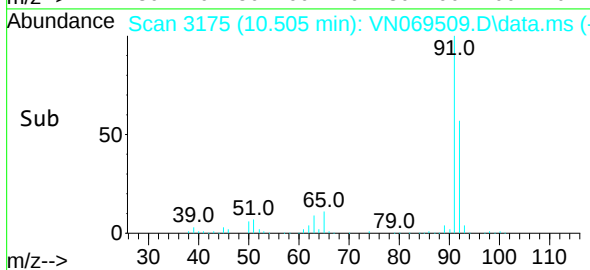
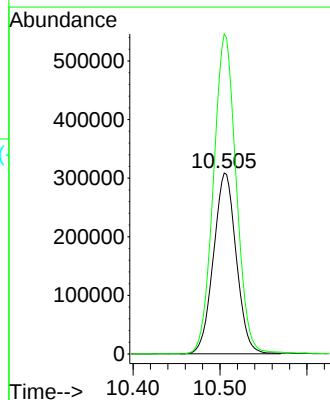
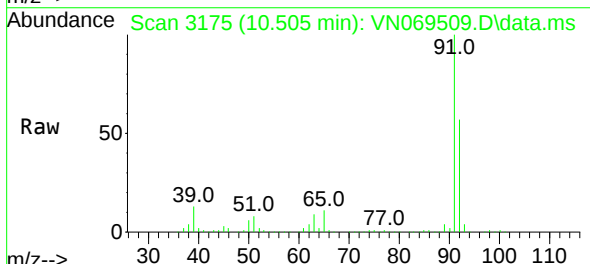
Manual Integrations
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Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#52
Toluene
Concen: 19.454 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Tgt Ion: 92 Resp: 562056
Ion Ratio Lower Upper
92 100
91 177.0 142.0 213.0





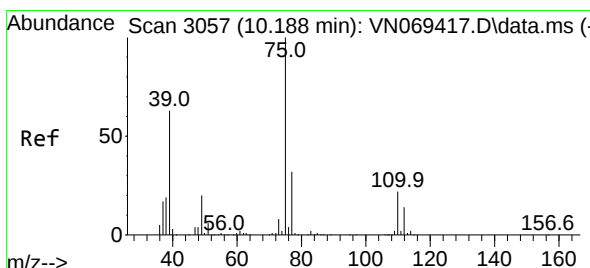
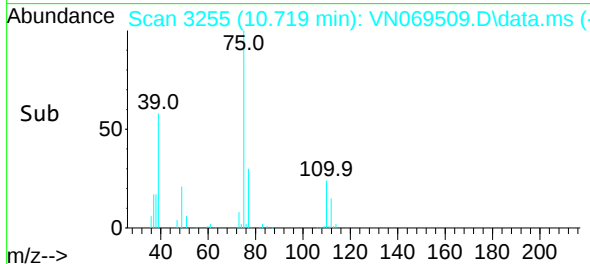
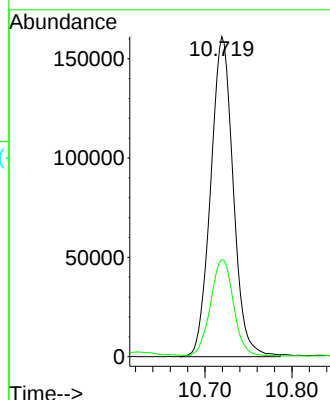
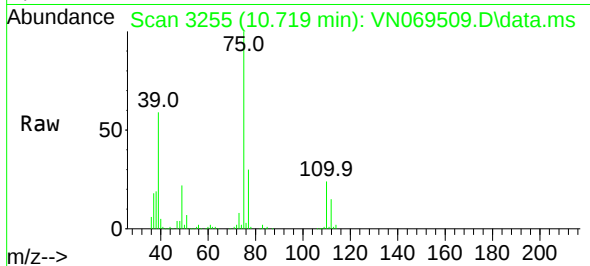
#53
t-1,3-Dichloropropene
Concen: 17.095 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01

Tgt Ion: 75 Resp: 290609
Ion Ratio Lower Upper
75 100
77 30.0 25.6 38.4

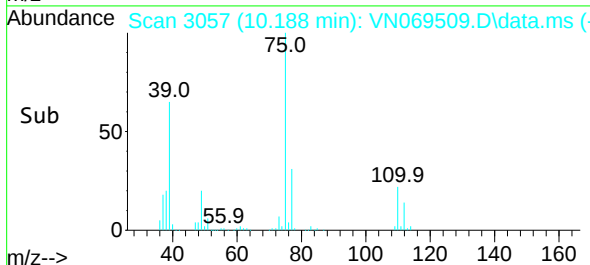
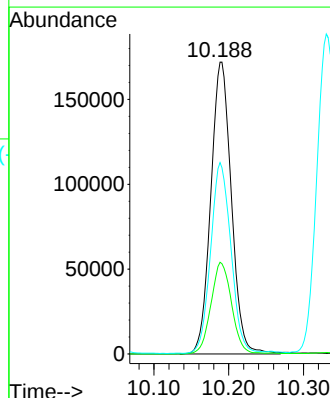
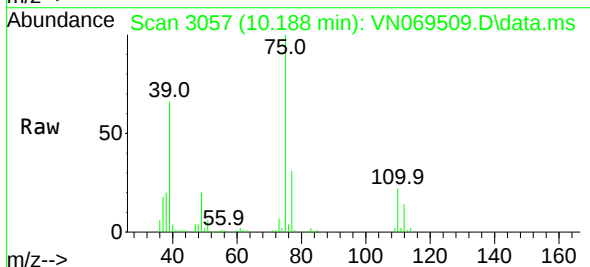
Manual Integrations
APPROVED

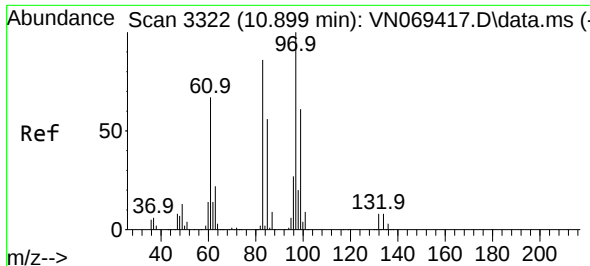
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#54
cis-1,3-Dichloropropene
Concen: 17.547 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

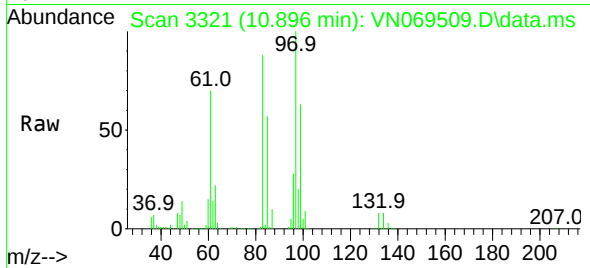
Tgt Ion: 75 Resp: 328699
Ion Ratio Lower Upper
75 100
77 31.4 26.4 39.6
39 65.3 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 20.165 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

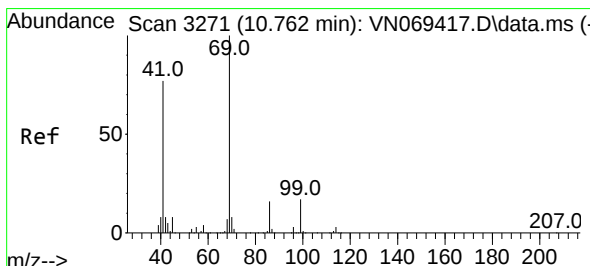
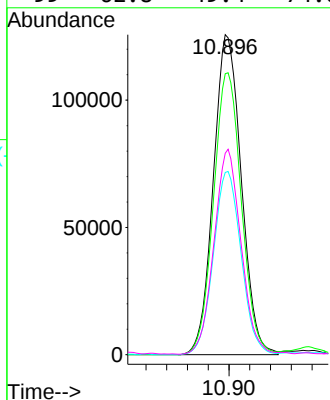
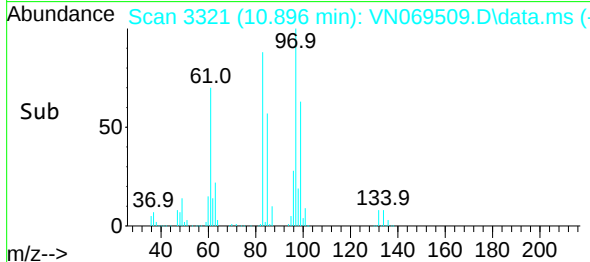
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



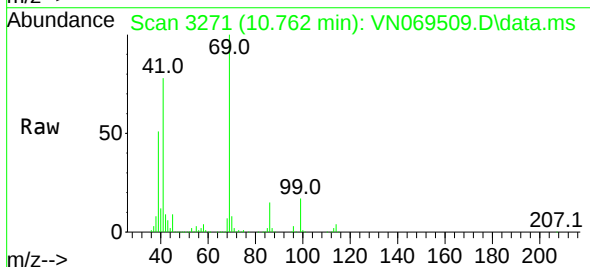
Tgt Ion: 97 Resp: 234840
Ion Ratio Lower Upper
97 100
83 87.8 67.8 101.6
85 56.9 45.4 68.2
99 62.8 49.4 74.0

Manual Integrations
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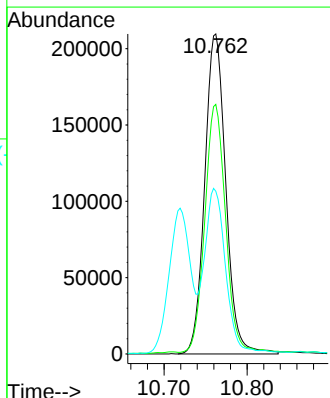
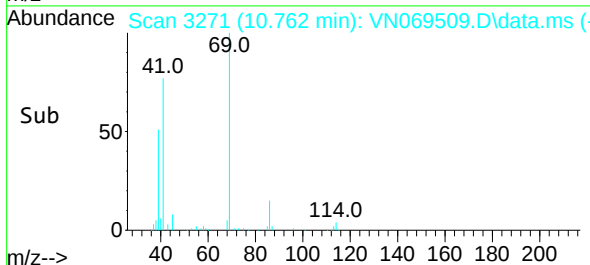
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#56
Ethyl methacrylate
Concen: 18.189 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28



Tgt Ion: 69 Resp: 369306
Ion Ratio Lower Upper
69 100
41 75.7 51.4 77.0
39 48.9 34.6 52.0





#57

1,3-Dichloropropane

Concen: 19.774 ug/l

RT: 11.047 min Scan# 3376

Delta R.T. 0.003 min

Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBS01

Tgt Ion: 76 Resp: 404670

Ion Ratio Lower Upper

76 100

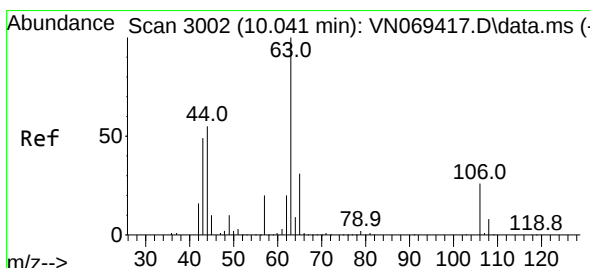
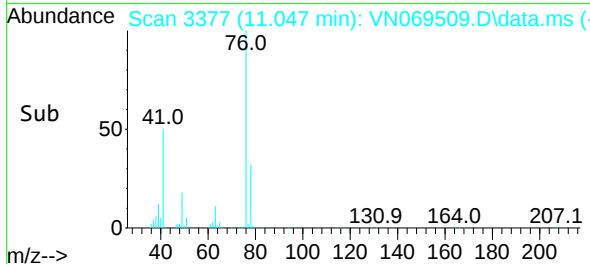
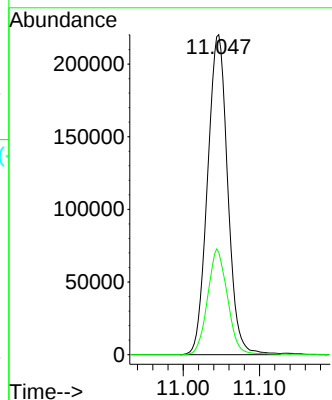
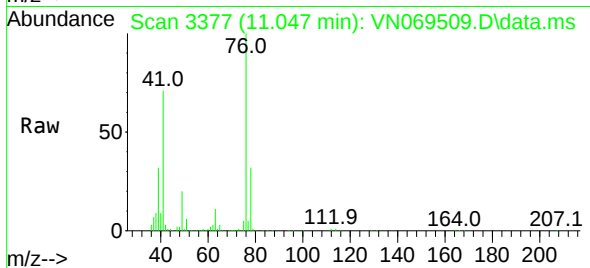
78 32.4 25.7 38.5

Manual Integrations

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Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#58

2-Chloroethyl Vinyl ether

Concen: 85.952 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.000 min

Lab File: VN069509.D

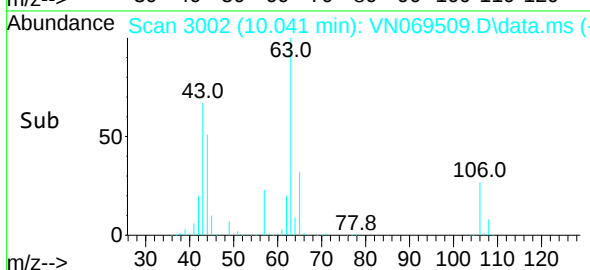
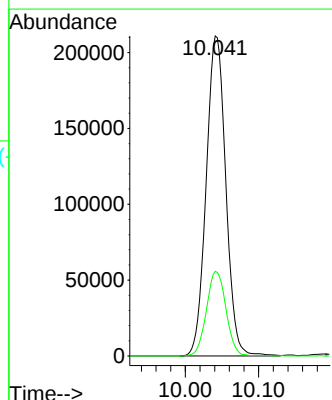
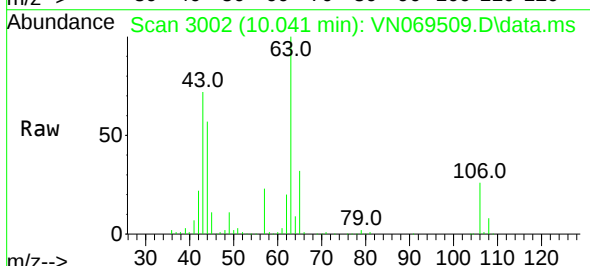
Acq: 16 Nov 2021 15:28

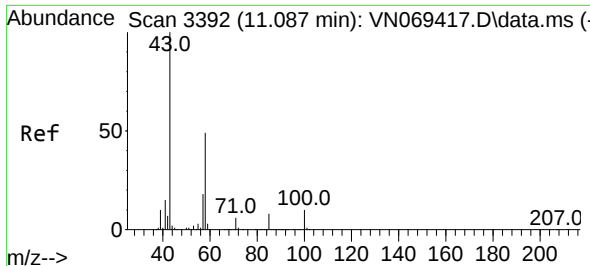
Tgt Ion: 63 Resp: 392281

Ion Ratio Lower Upper

63 100

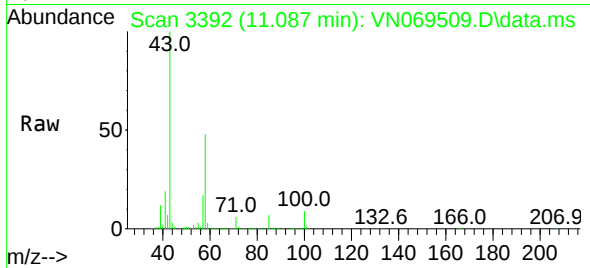
106 26.3 23.9 35.9





#59
2-Hexanone
Concen: 89.362 ug/l
RT: 11.087 min Scan# 311
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

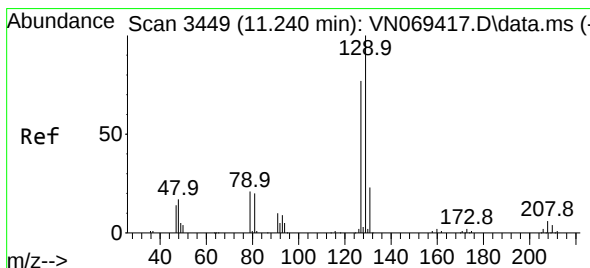
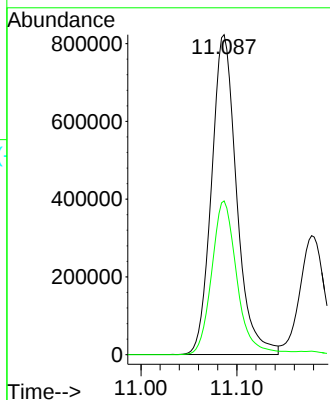
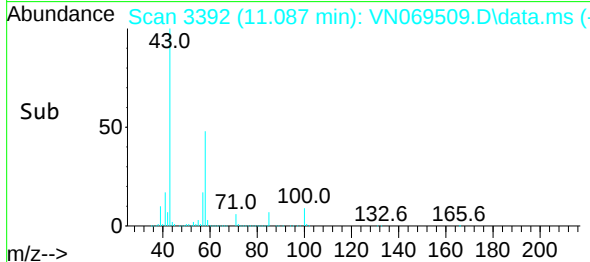
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



Tgt Ion: 43 Resp: 1495052
Ion Ratio Lower Upper
43 100
58 48.6 26.9 80.7

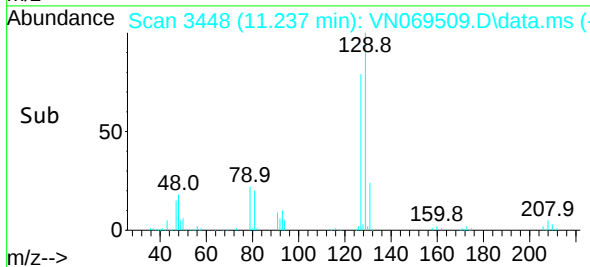
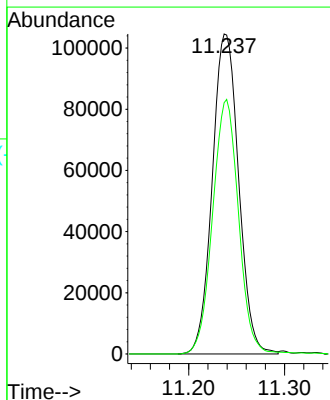
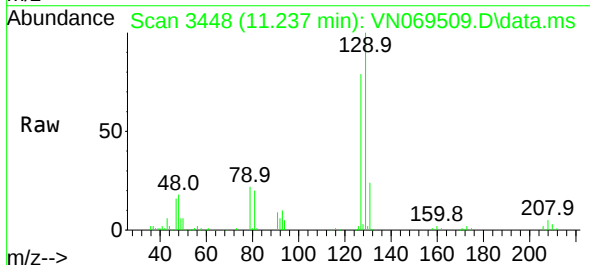
Manual Integrations
APPROVED

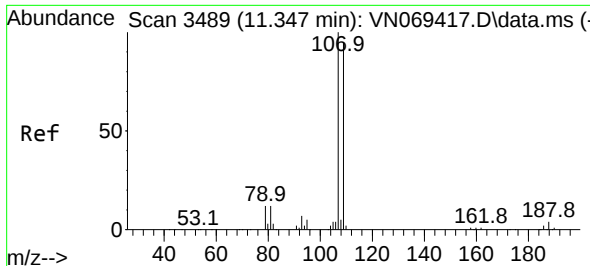
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#60
Dibromochloromethane
Concen: 17.284 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

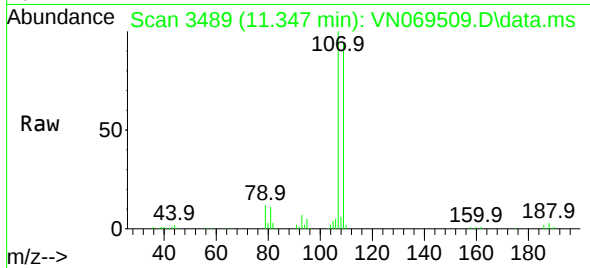
Tgt Ion:129 Resp: 199686
Ion Ratio Lower Upper
129 100
127 78.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.388 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

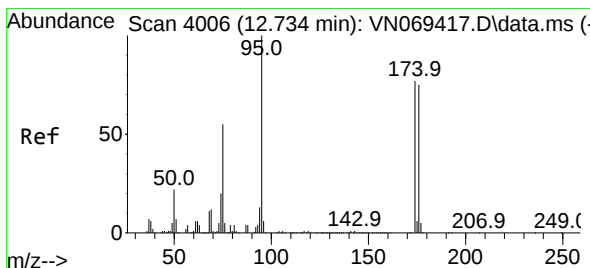
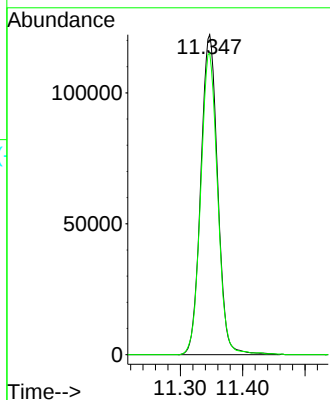
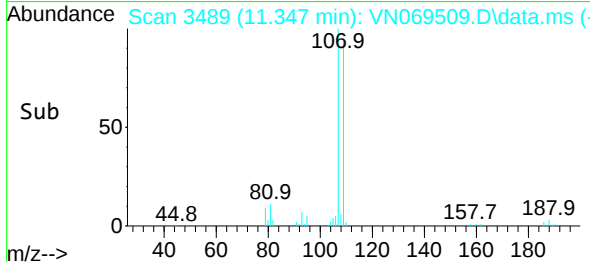
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



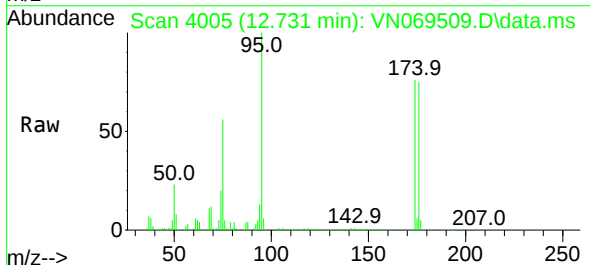
Tgt Ion:107 Resp: 23003
Ion Ratio Lower Upper
107 100
109 94.3 75.7 113.5

Manual Integrations
APPROVED

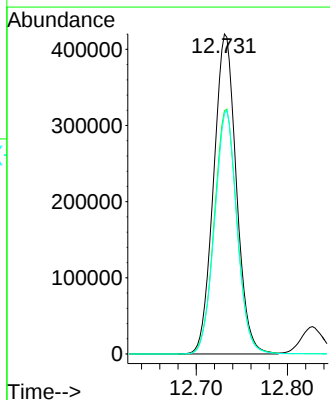
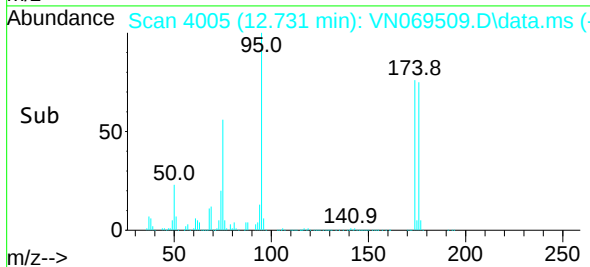
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

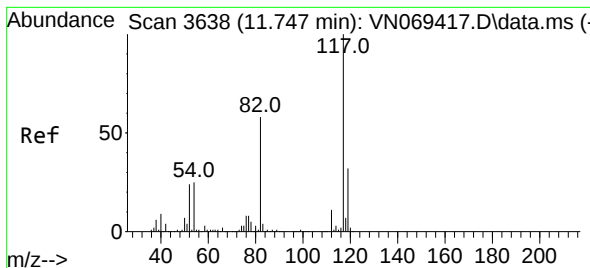


#62
4-Bromofluorobenzene
Concen: 47.052 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28



Tgt Ion: 95 Resp: 728024
Ion Ratio Lower Upper
95 100
174 76.5 0.0 187.2
176 75.1 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBS01

Tgt Ion:117 Resp: 164255

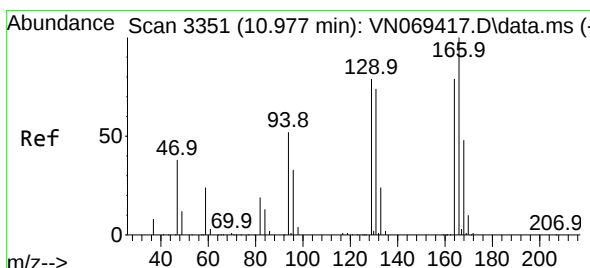
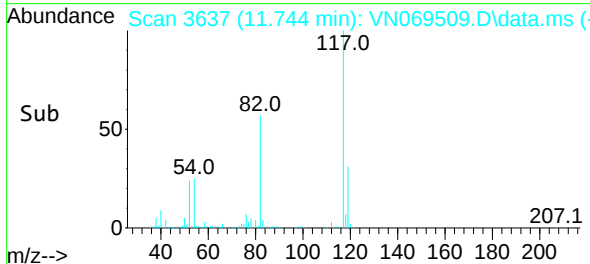
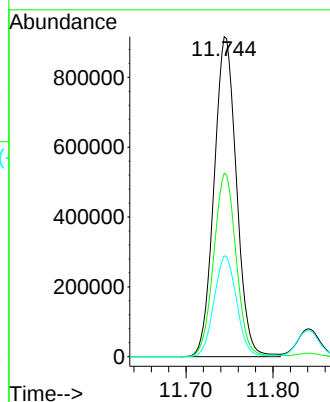
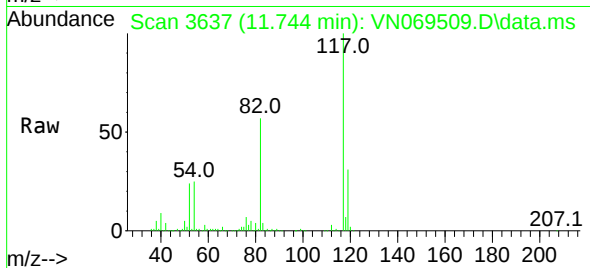
Ion	Ratio	Lower	Upper
117	100		
82	57.3	42.4	63.6
119	31.5	25.4	38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#64

Tetrachloroethene

Concen: 19.226 ug/l

RT: 10.977 min Scan# 3351

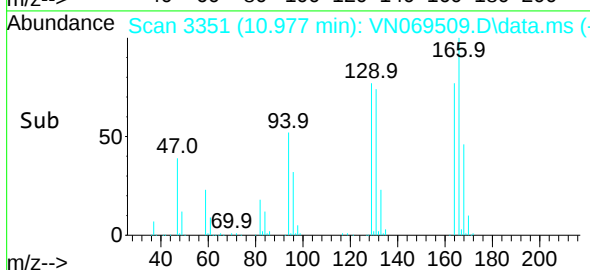
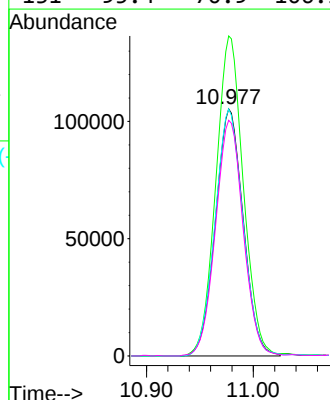
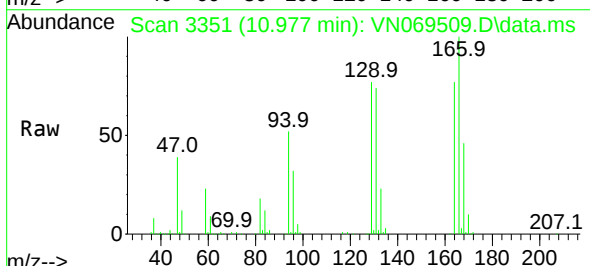
Delta R.T. -0.000 min

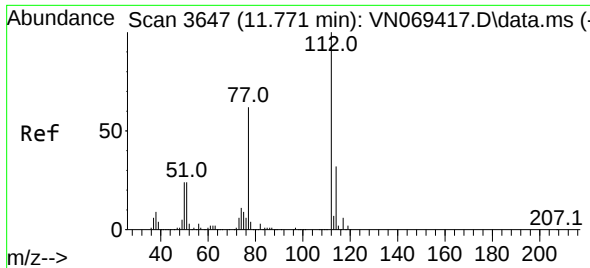
Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Tgt Ion:164 Resp: 190682

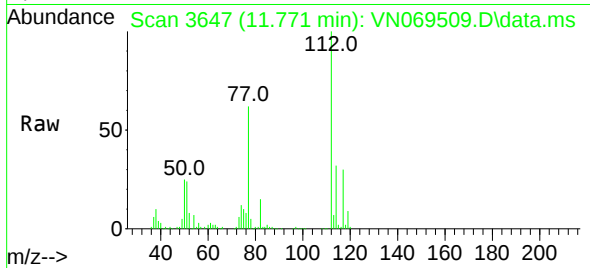
Ion	Ratio	Lower	Upper
164	100		
166	129.5	101.9	152.9
129	100.0	72.0	108.0
131	95.4	70.9	106.3





#65
Chlorobenzene
Concen: 19.570 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

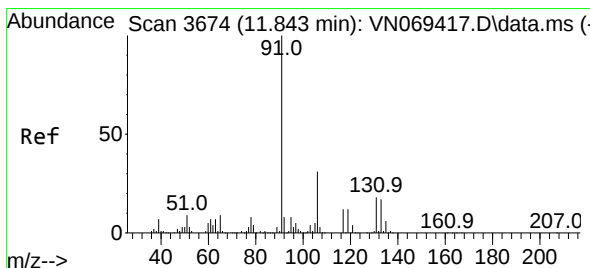
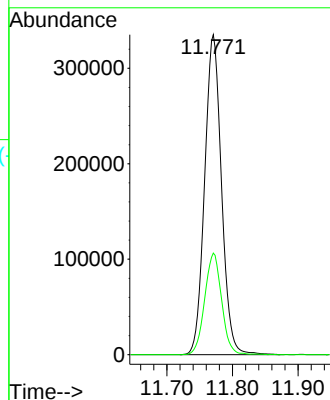
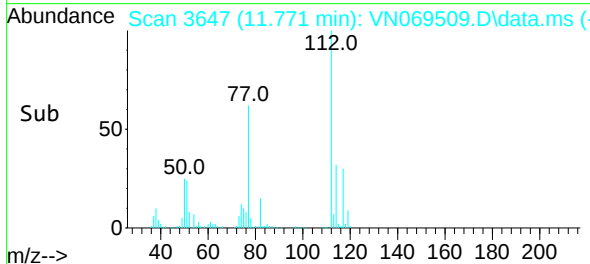
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



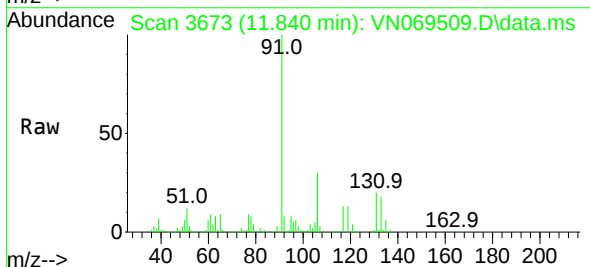
Tgt Ion:112 Resp: 598330
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0

Manual Integrations
APPROVED

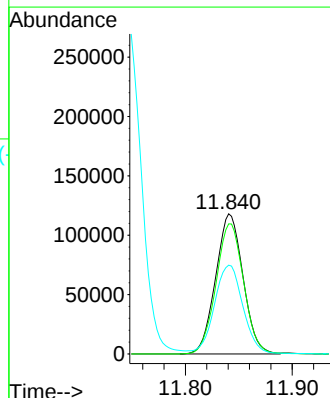
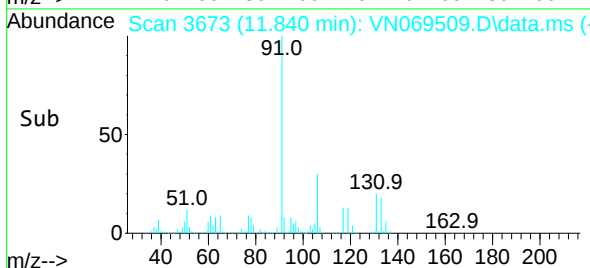
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

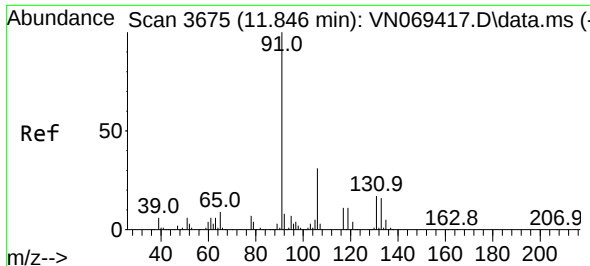


#66
1,1,1,2-Tetrachloroethane
Concen: 19.822 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28



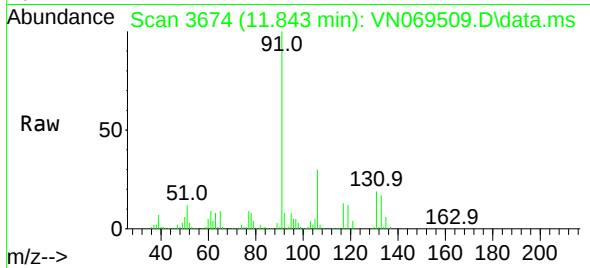
Tgt Ion:131 Resp: 210208
Ion Ratio Lower Upper
131 100
133 94.1 47.9 143.7
119 65.6 32.1 96.5





#67
Ethyl Benzene
Concen: 19.210 ug/l
RT: 11.843 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

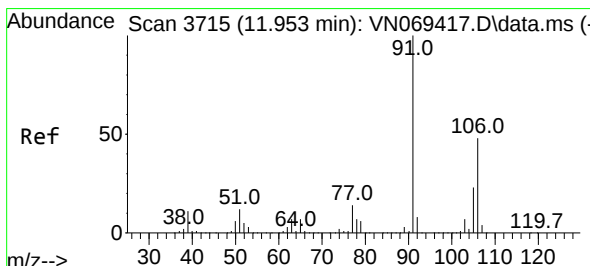
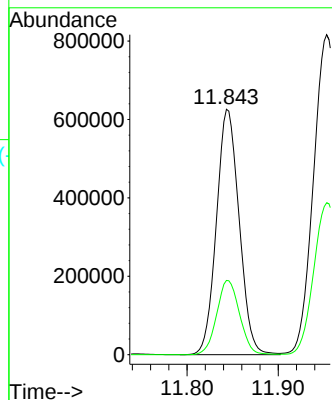
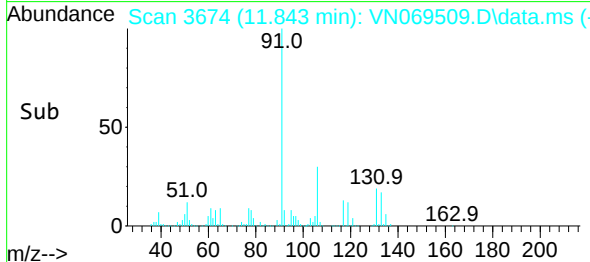
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



Tgt Ion: 91 Resp: 1083214
Ion Ratio Lower Upper
91 100
106 30.3 25.7 38.5

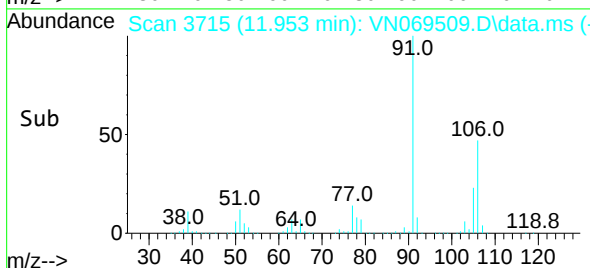
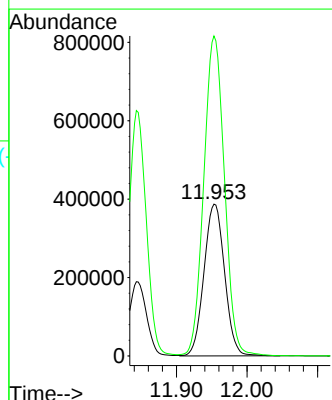
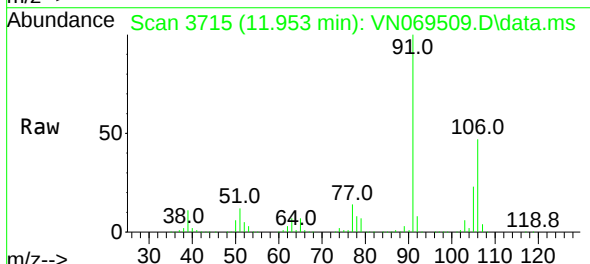
Manual Integrations
APPROVED

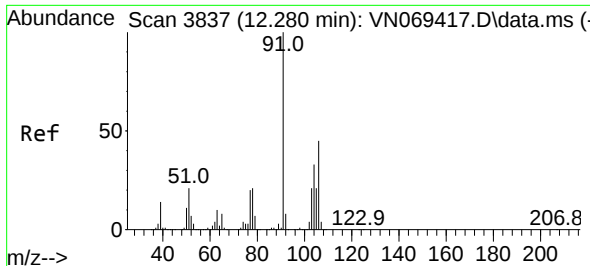
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#68
m/p-Xylenes
Concen: 37.877 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Tgt Ion:106 Resp: 785515
Ion Ratio Lower Upper
106 100
91 211.7 160.6 240.8





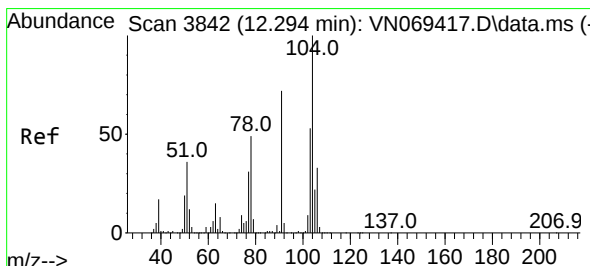
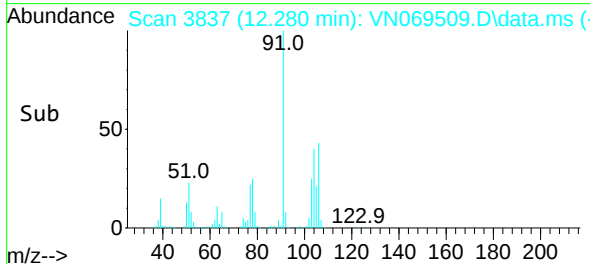
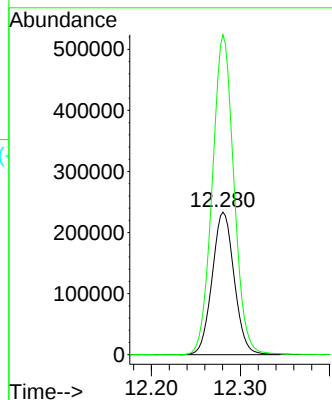
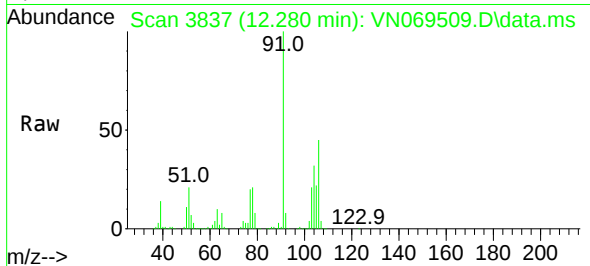
#69
o-Xylene
Concen: 19.434 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01

Tgt Ion:106 Resp: 401790
Ion Ratio Lower Upper
106 100
91 221.2 105.8 317.3

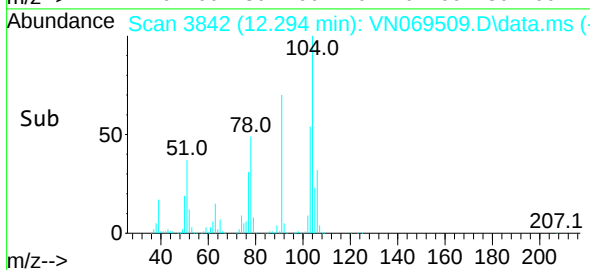
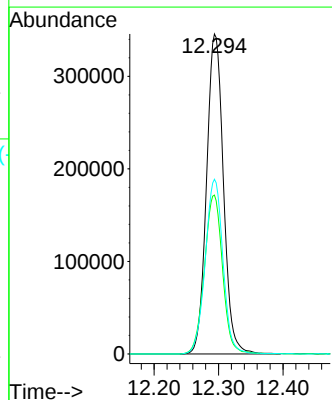
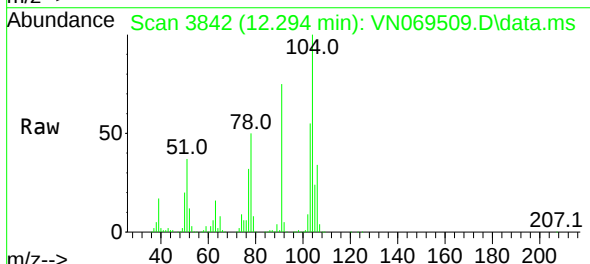
Manual Integrations
APPROVED

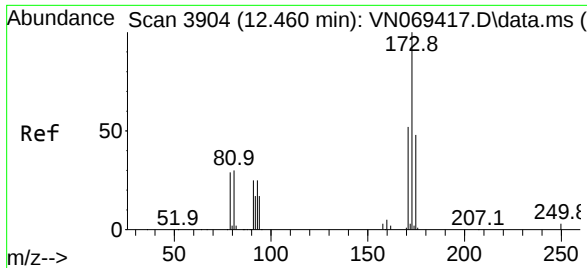
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#70
Styrene
Concen: 17.970 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

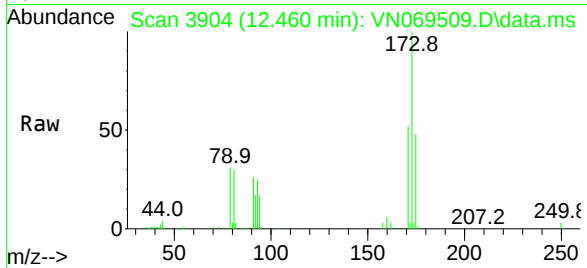
Tgt Ion:104 Resp: 629761
Ion Ratio Lower Upper
104 100
78 53.3 38.7 58.1
103 57.4 45.0 67.6





#71
Bromoform
Concen: 16.653 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

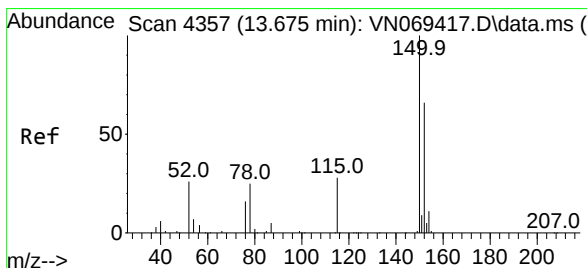
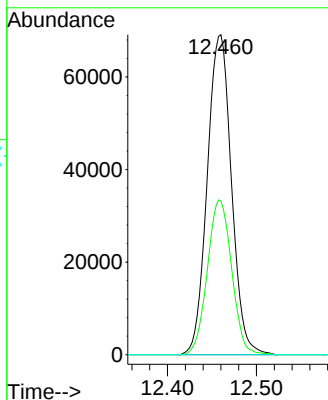
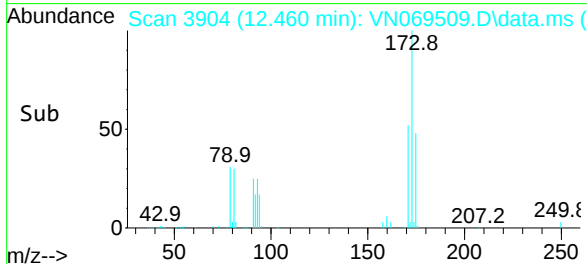
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



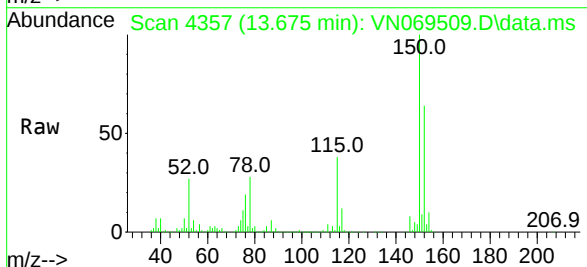
Tgt Ion:173 Resp: 130744
Ion Ratio Lower Upper
173 100
175 48.5 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
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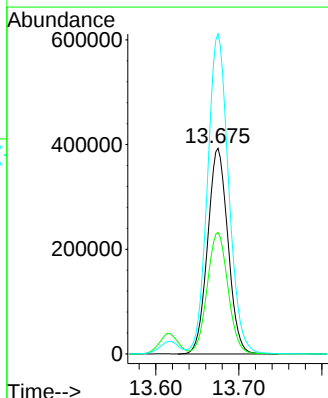
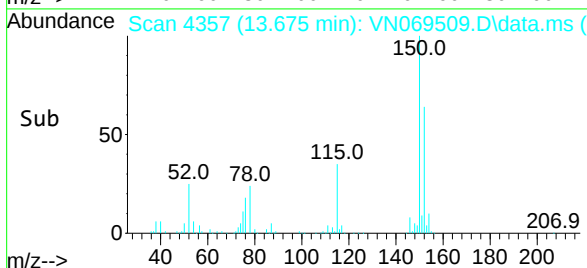
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

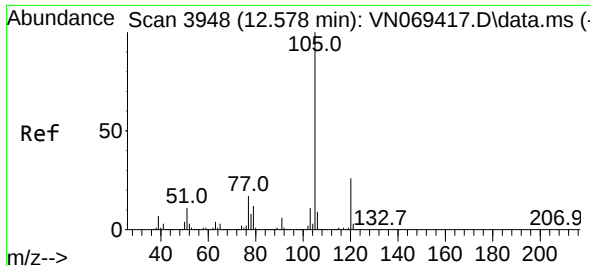


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28



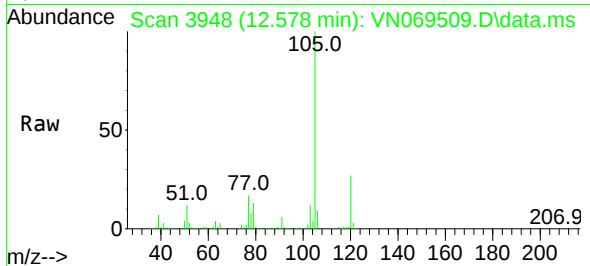
Tgt Ion:152 Resp: 667661
Ion Ratio Lower Upper
152 100
115 60.3 27.5 82.5
150 161.5 0.0 344.4





#73
Isopropylbenzene
Concen: 19.535 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

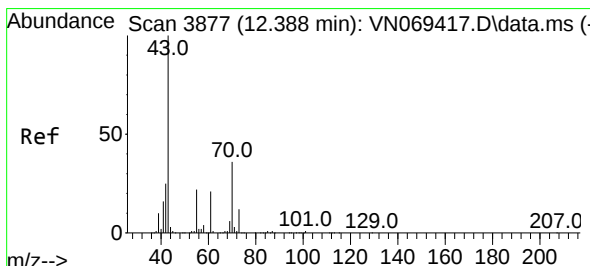
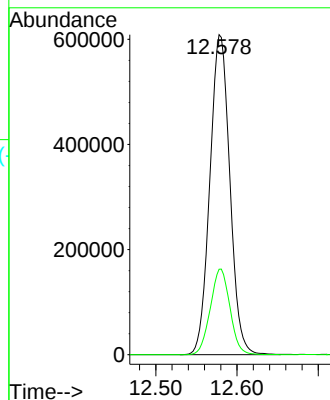
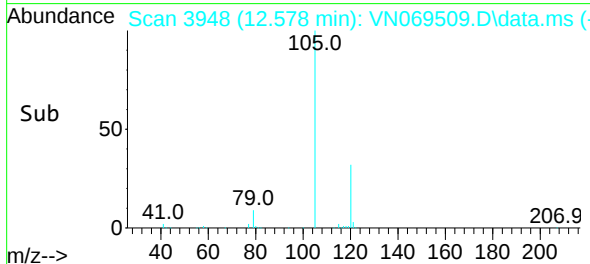
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



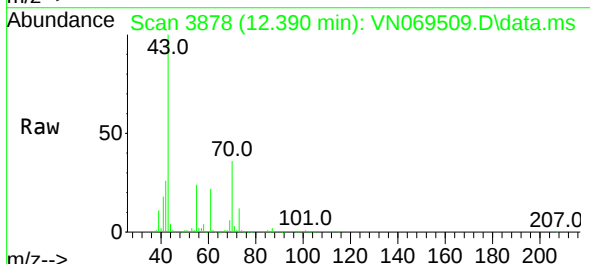
Tgt Ion:105 Resp: 103849
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.1

Manual Integrations
APPROVED

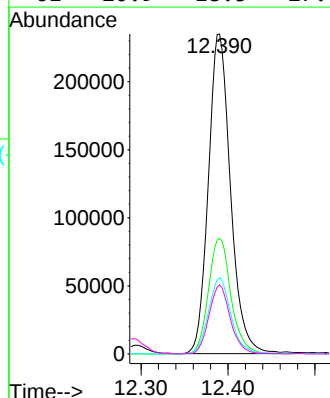
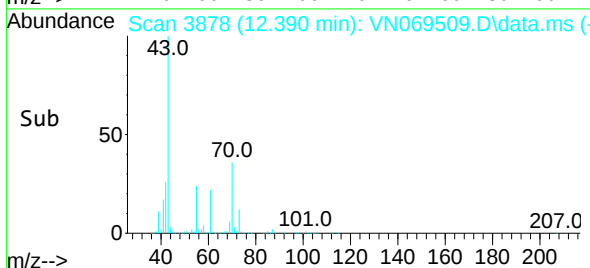
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

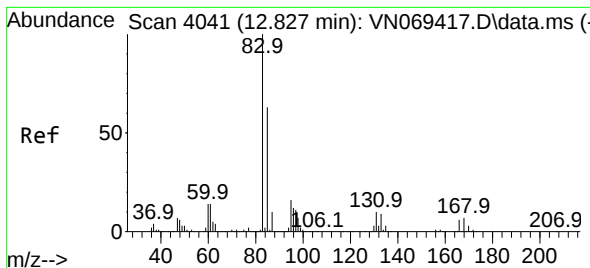


#74
N-ethyl acetate
Concen: 18.430 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.002 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28



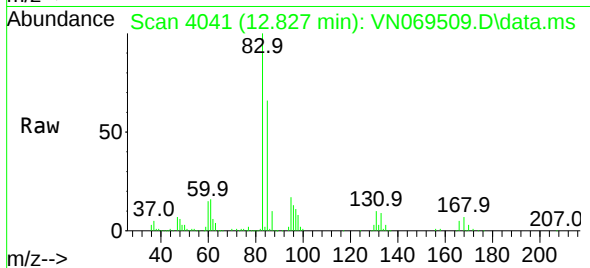
Tgt Ion: 43 Resp: 415205
Ion Ratio Lower Upper
43 100
70 36.9 33.4 50.0
55 24.2 19.3 28.9
61 20.9 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.621 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

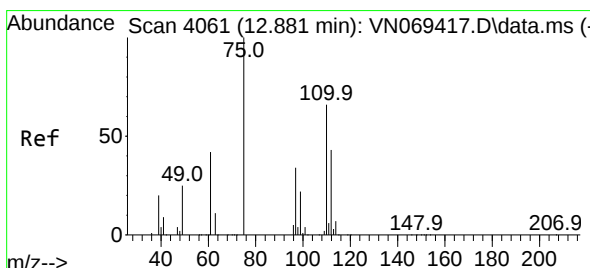
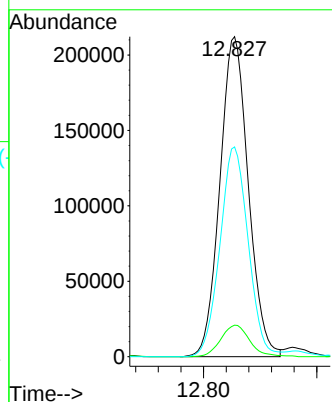
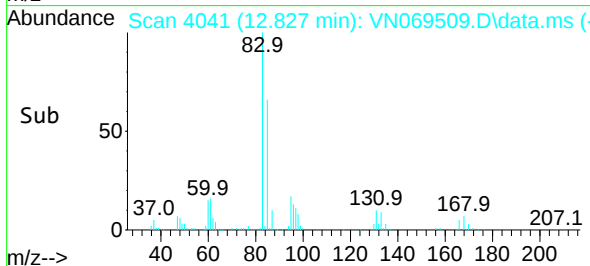
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



Tgt Ion: 83 Resp: 369719
Ion Ratio Lower Upper
83 100
131 10.1 5.5 16.5
85 65.2 32.4 97.2

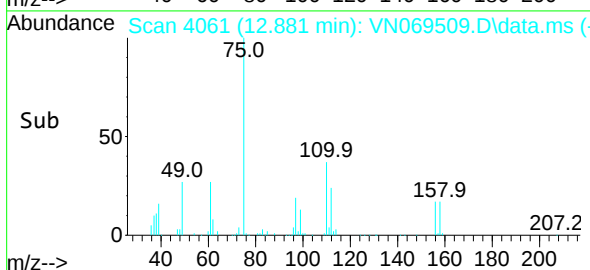
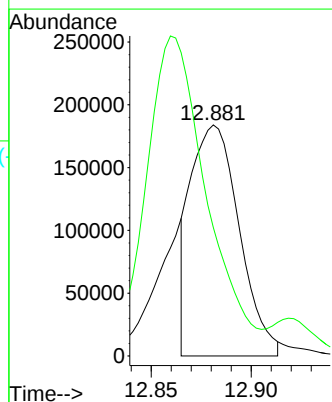
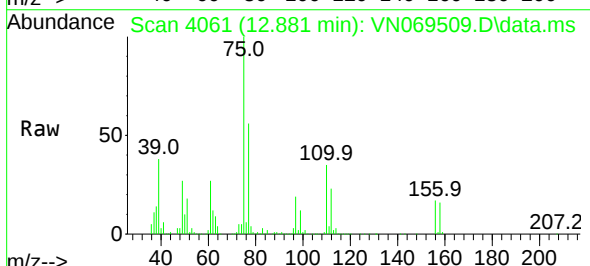
Manual Integrations
APPROVED

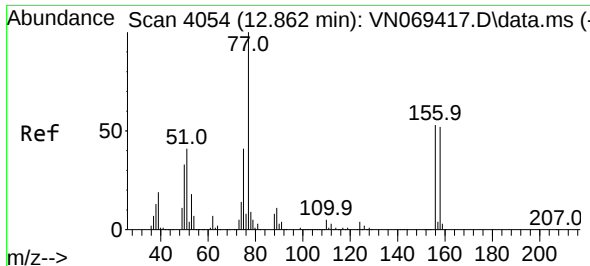
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#76
1,2,3-Trichloropropane
Concen: 20.129 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

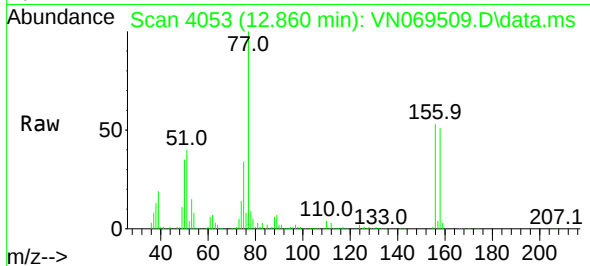
Tgt Ion: 75 Resp: 310147
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 19.803 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.002 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

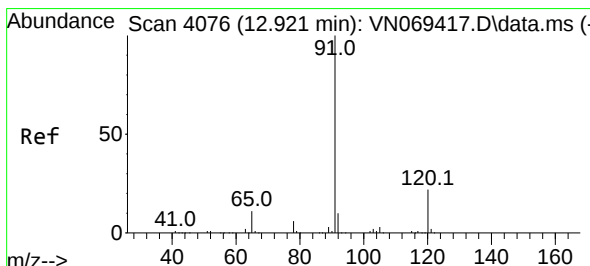
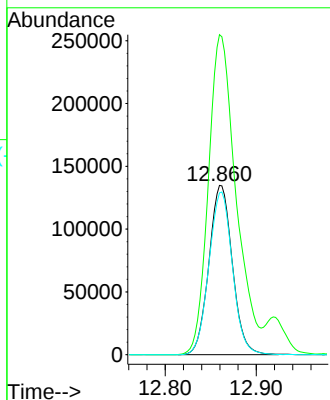
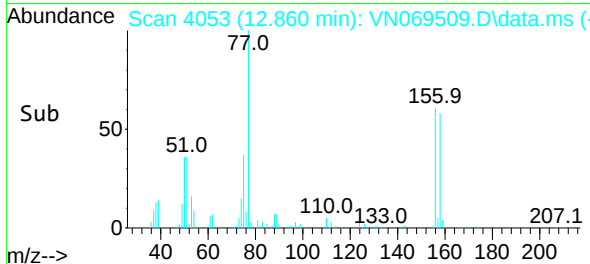
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



Tgt Ion:156 Resp: 24075
Ion Ratio Lower Upper
156 100
77 222.4 90.6 271.8
158 96.6 48.9 146.7

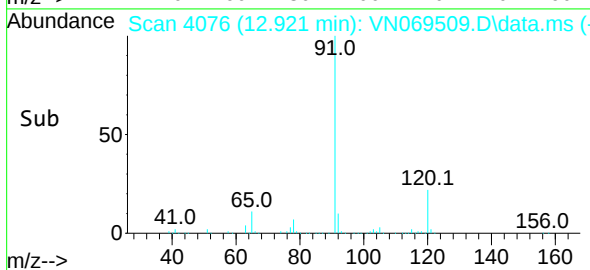
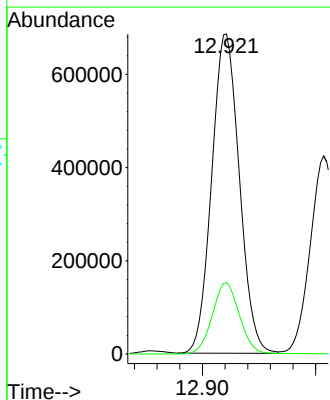
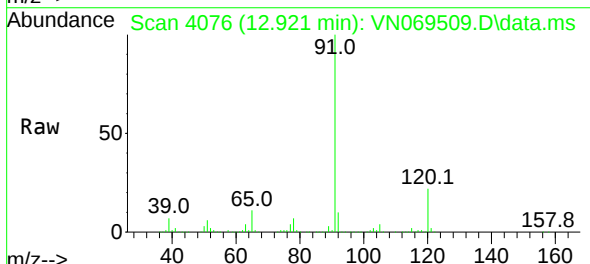
Manual Integrations
APPROVED

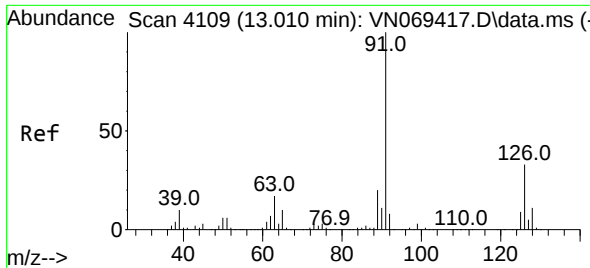
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#78
n-propylbenzene
Concen: 19.424 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Tgt Ion: 91 Resp: 1161894
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9





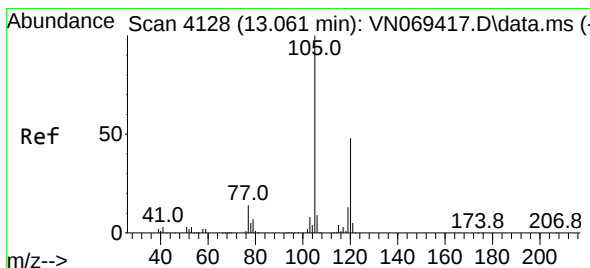
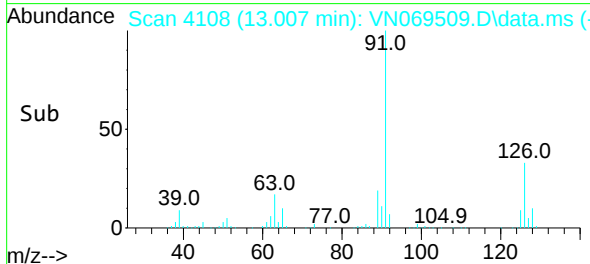
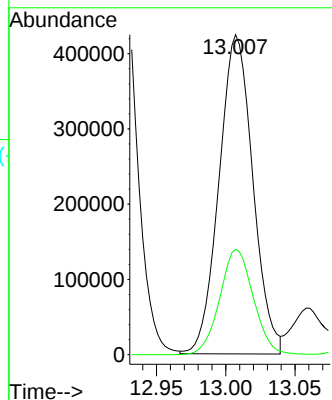
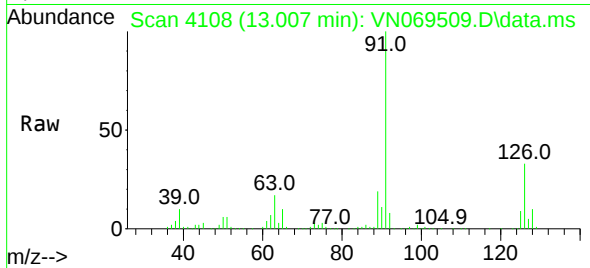
#79
2-Chlorotoluene
Concen: 19.458 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01

Tgt Ion: 91 Resp: 72064
Ion Ratio Lower Upper
91 100
126 32.8 18.3 54.8

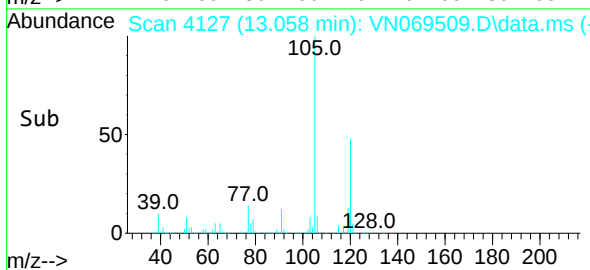
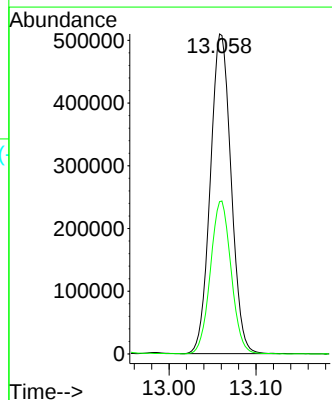
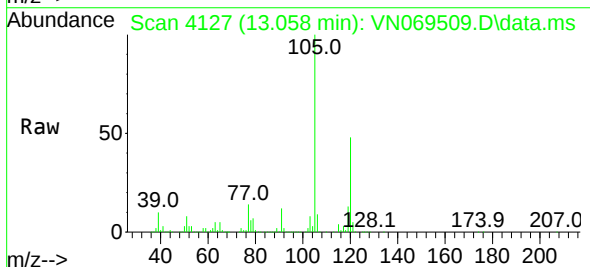
Manual Integrations
APPROVED

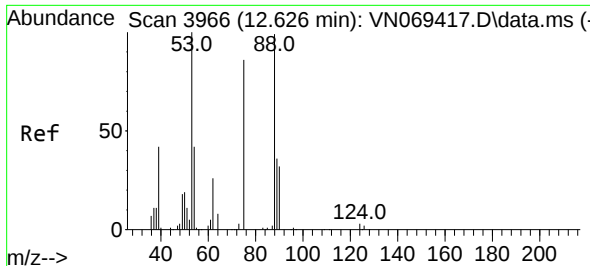
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#80
1,3,5-Trimethylbenzene
Concen: 19.681 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Tgt Ion:105 Resp: 845802
Ion Ratio Lower Upper
105 100
120 47.8 24.6 73.6





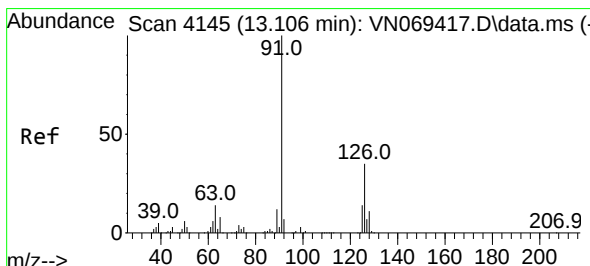
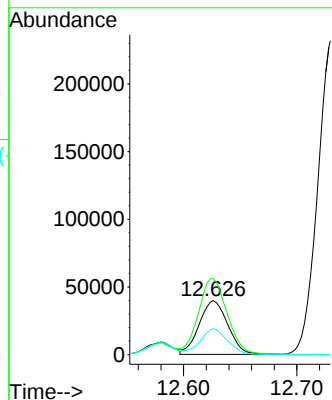
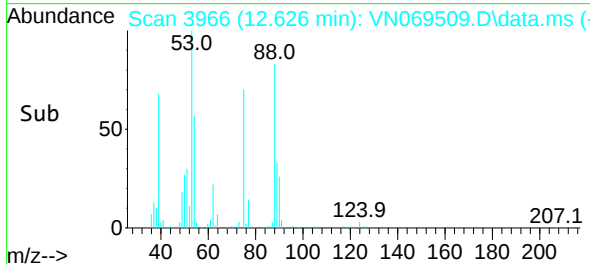
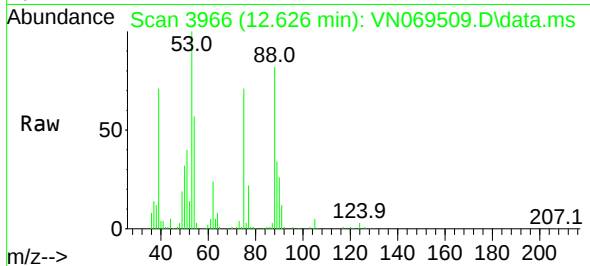
#81
trans-1,4-Dichloro-2-butene
Concen: 17.606 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01

Tgt Ion: 75 Resp: 69180
Ion Ratio Lower Upper
75 100
53 142.4 90.5 135.7
89 46.8 38.2 57.4

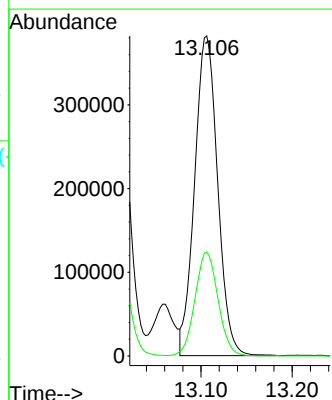
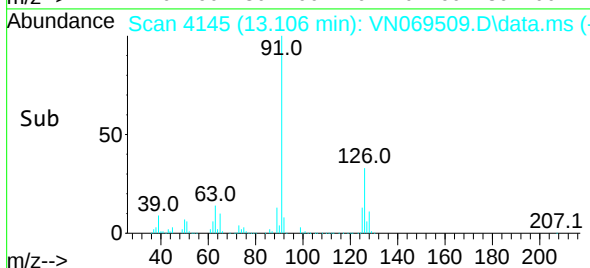
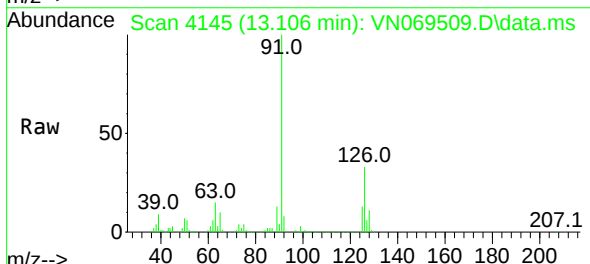
Manual Integrations
APPROVED

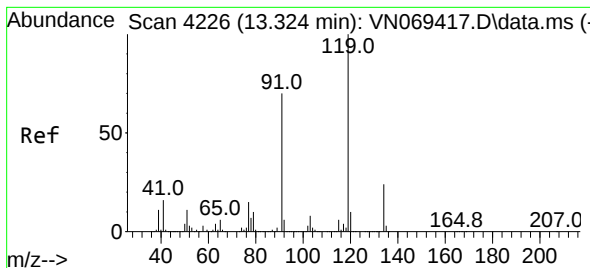
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#82
4-Chlorotoluene
Concen: 18.942 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Tgt Ion: 91 Resp: 668777
Ion Ratio Lower Upper
91 100
126 32.6 18.2 54.6





#83

tert-Butylbenzene

Concen: 19.963 ug/l

RT: 13.324 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBS01

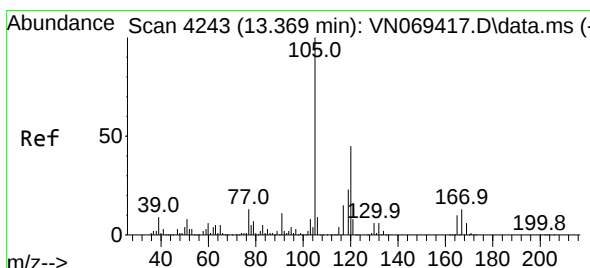
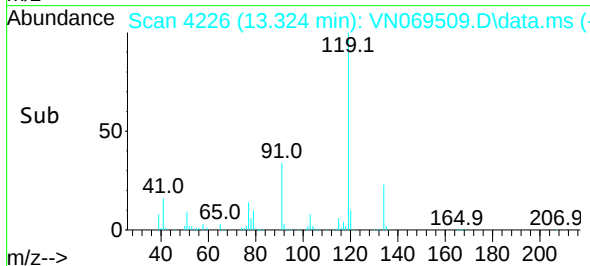
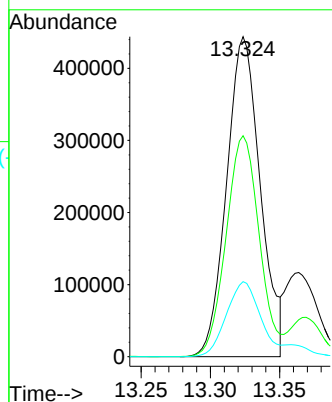
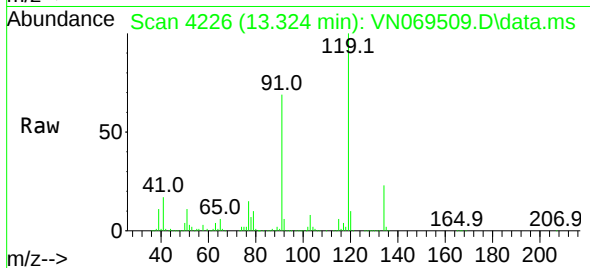
Tgt Ion:	119	Resp:	75181
Ion Ratio	Lower	Upper	
119	100		
91	68.2	31.5	94.5
134	23.9	12.4	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#84

1,2,4-Trimethylbenzene

Concen: 19.453 ug/l

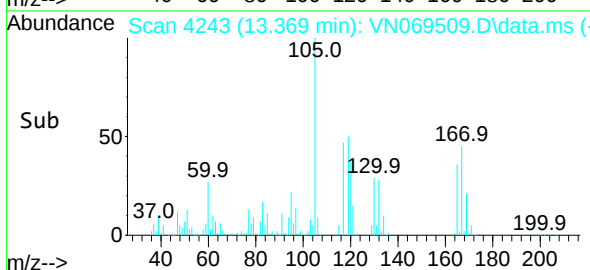
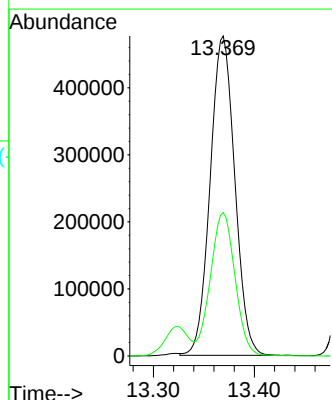
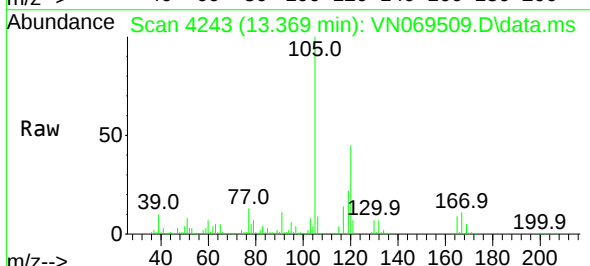
RT: 13.369 min Scan# 4243

Delta R.T. 0.000 min

Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Tgt Ion:	105	Resp:	807063
Ion Ratio	Lower	Upper	
105	100		
120	45.1	22.8	68.4





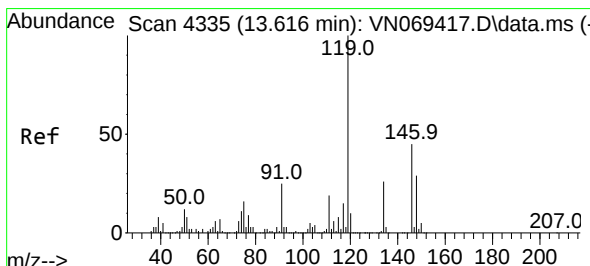
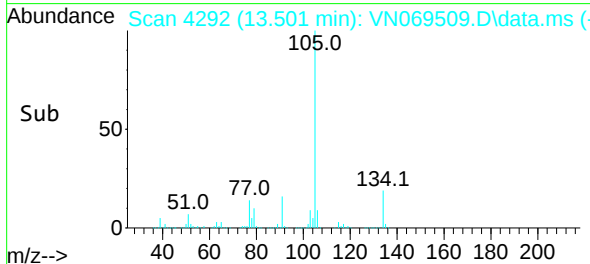
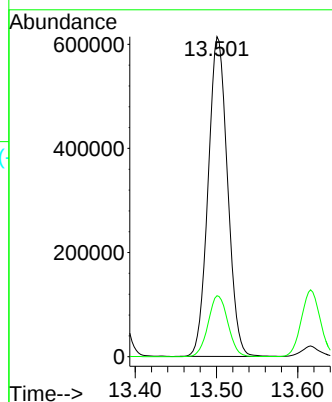
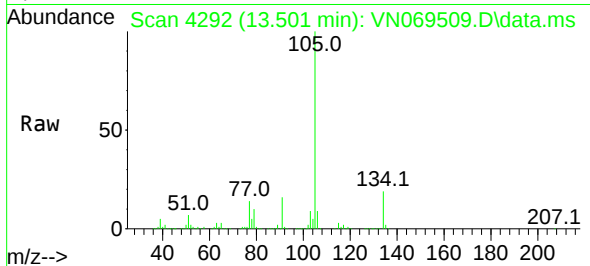
#85
 sec-Butylbenzene
 Concen: 19.328 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.002 min
 Lab File: VN069509.D
 Acq: 16 Nov 2021 15:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBS01

Tgt Ion:105 Resp: 101681
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

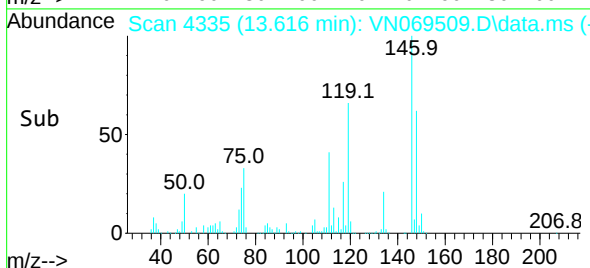
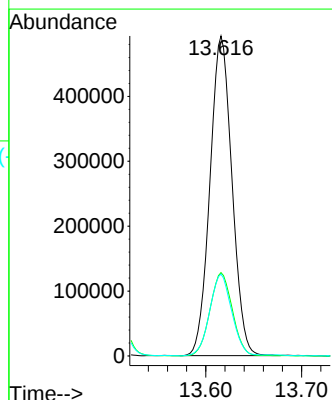
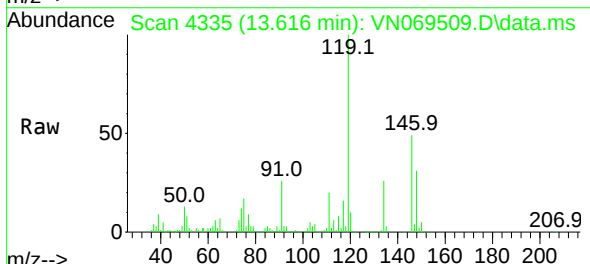
Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/17/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#86
 p-Isopropyltoluene
 Concen: 18.819 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069509.D
 Acq: 16 Nov 2021 15:28

Tgt Ion:119 Resp: 785938
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.6 40.7
 91 25.6 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 19.212 ug/l

RT: 13.616 min Scan# 4335

Delta R.T. -0.000 min

Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBS01

Tgt Ion:146 Resp: 40495

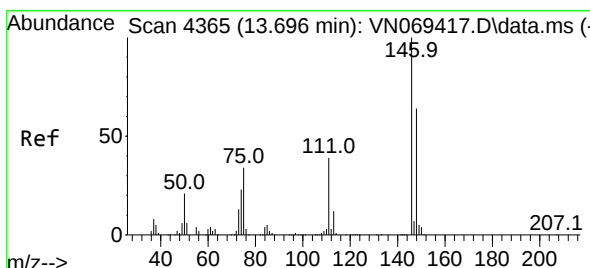
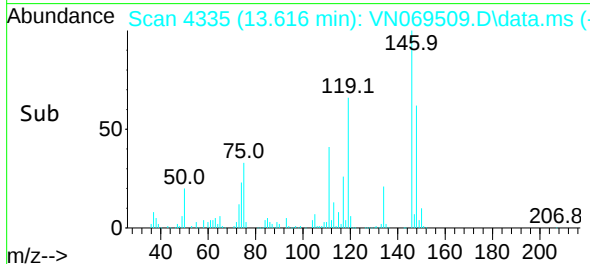
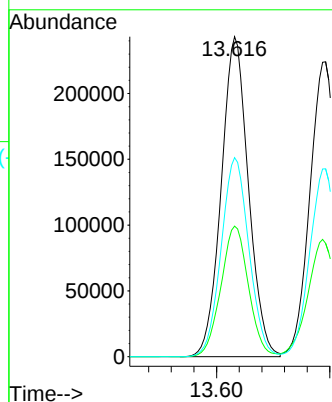
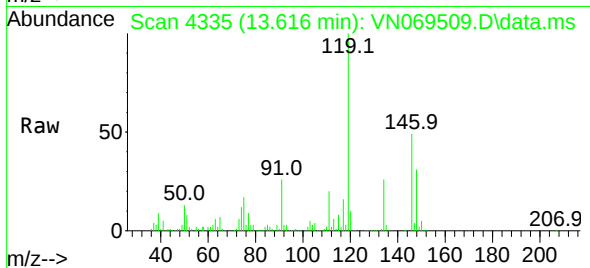
Ion	Ratio	Lower	Upper
146	100		
111	41.4	18.6	55.6
148	63.7	31.6	95.0

Manual Integrations

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Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#88

1,4-Dichlorobenzene

Concen: 18.688 ug/l

RT: 13.696 min Scan# 4365

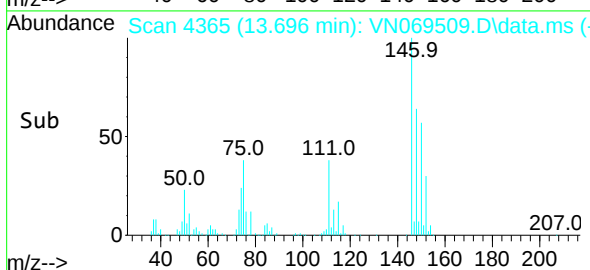
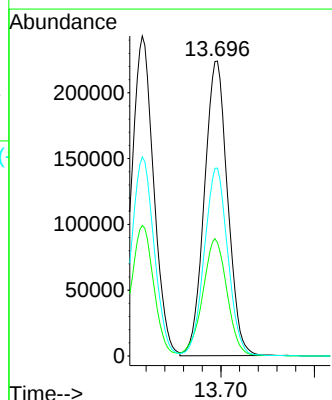
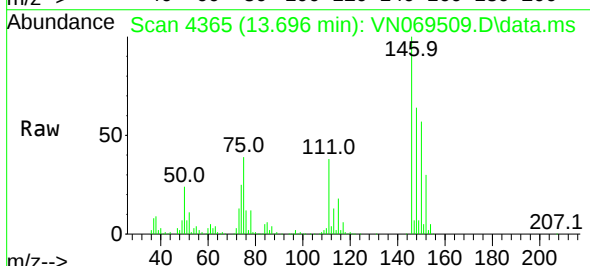
Delta R.T. 0.000 min

Lab File: VN069509.D

Acq: 16 Nov 2021 15:28

Tgt Ion:146 Resp: 386437

Ion	Ratio	Lower	Upper
146	100		
111	41.4	18.3	54.8
148	64.5	31.8	95.4





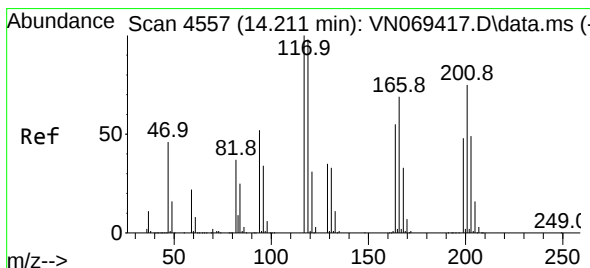
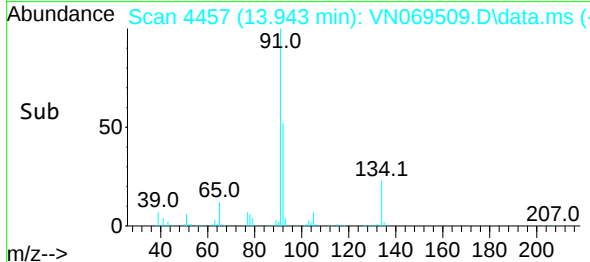
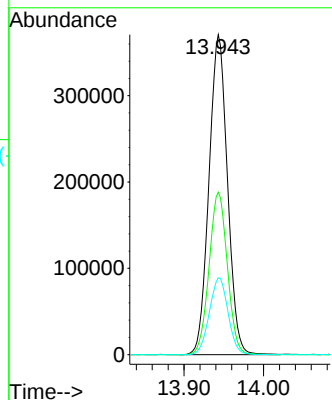
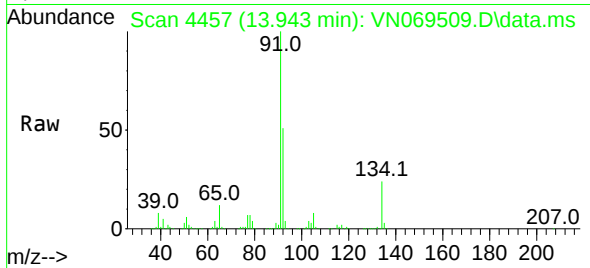
#89
n-Butylbenzene
Concen: 17.187 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01

Tgt Ion: 91 Resp: 59856
Ion Ratio Lower Upper
91 100
92 50.2 25.4 76.0
134 24.3 13.6 40.8

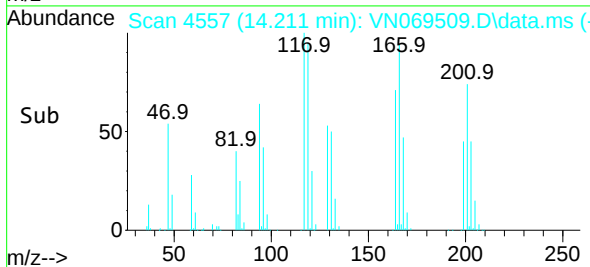
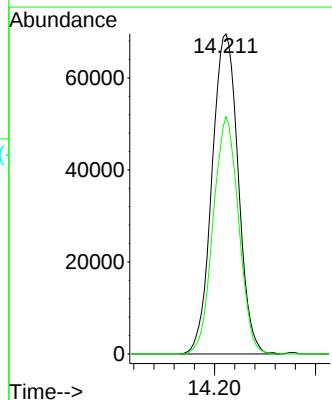
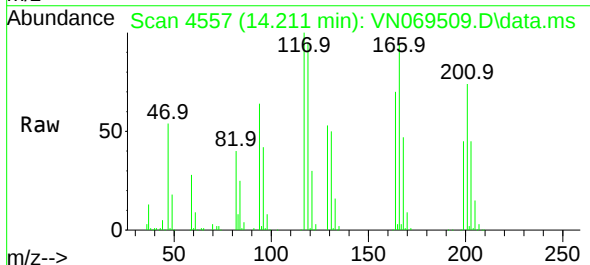
Manual Integrations
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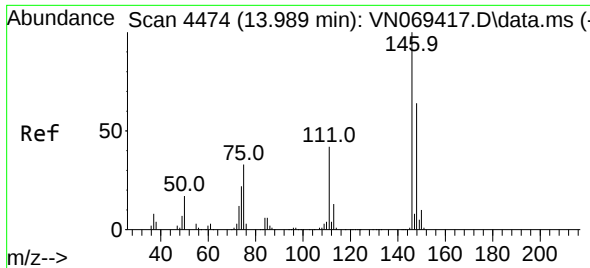
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#90
Hexachloroethane
Concen: 17.755 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

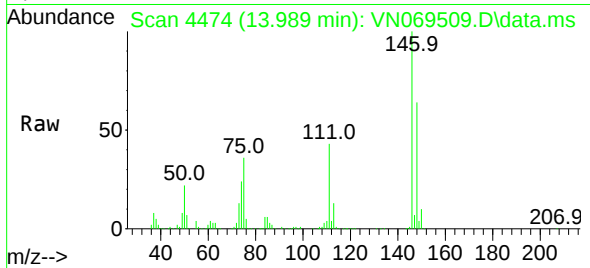
Tgt Ion:117 Resp: 125103
Ion Ratio Lower Upper
117 100
201 72.0 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 19.939 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

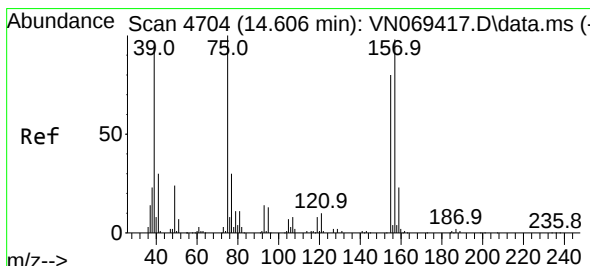
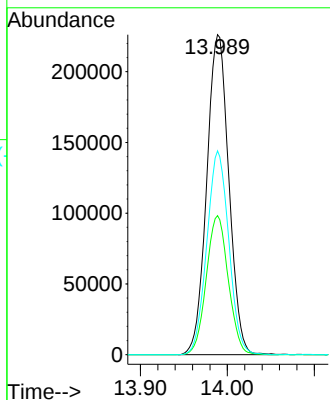
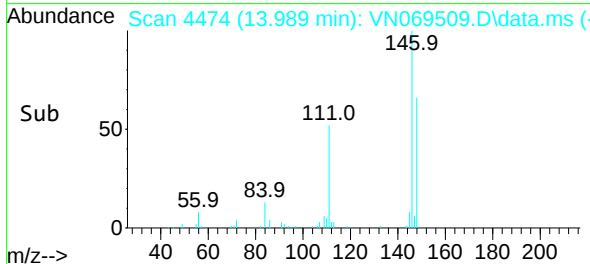
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



Tgt Ion:146 Resp: 39991
Ion Ratio Lower Upper
146 100
111 43.2 19.1 57.3
148 63.3 32.1 96.3

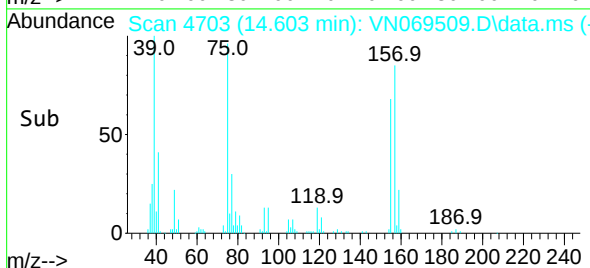
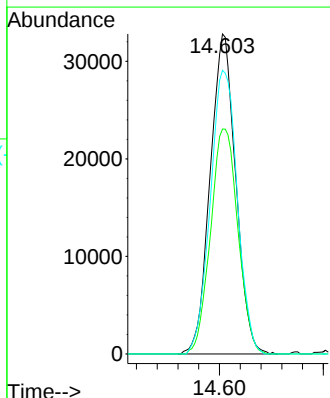
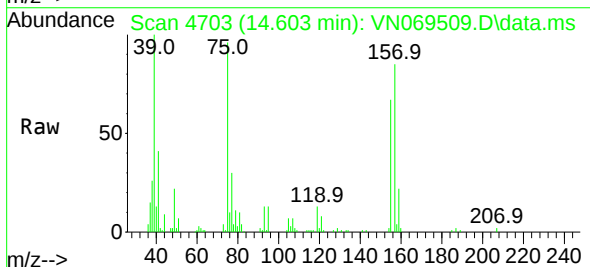
Manual Integrations
APPROVED

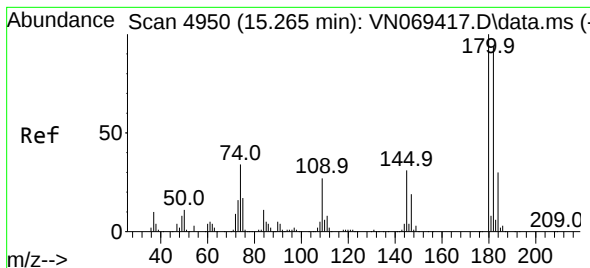
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.001 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

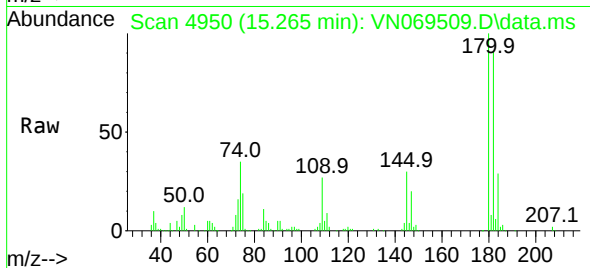
Tgt Ion: 75 Resp: 56027
Ion Ratio Lower Upper
75 100
155 75.3 46.9 140.7
157 93.5 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 16.893 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

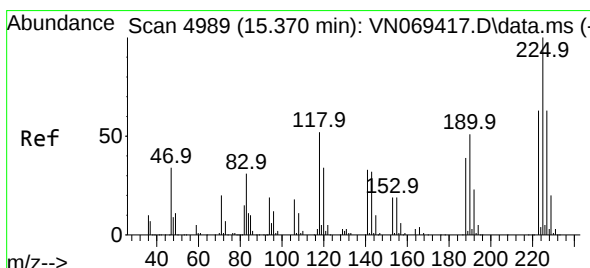
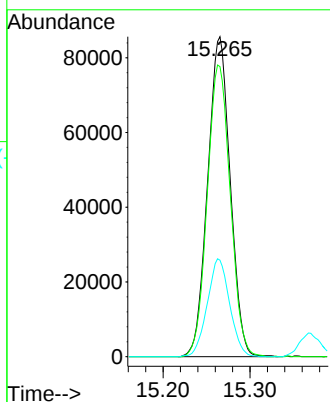
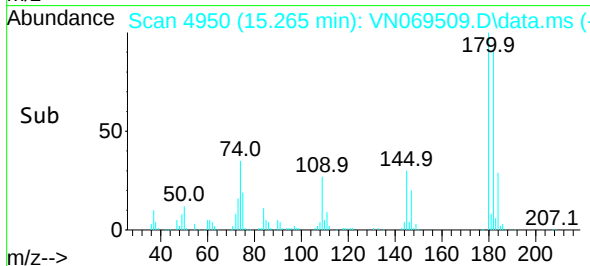
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



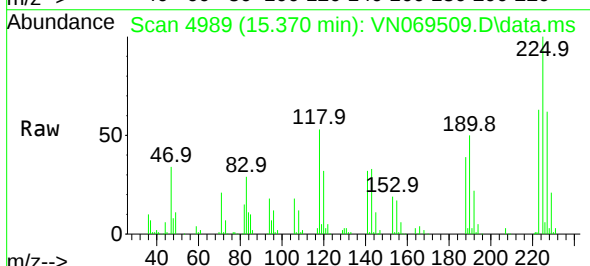
Tgt Ion:180 Resp: 154430
Ion Ratio Lower Upper
180 100
182 93.1 48.3 144.9
145 30.3 14.5 43.5

Manual Integrations
APPROVED

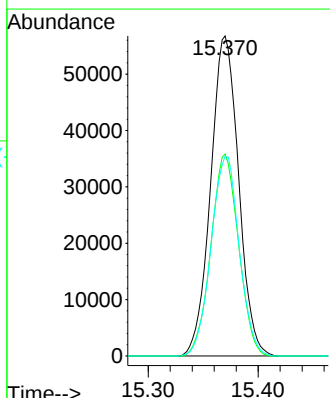
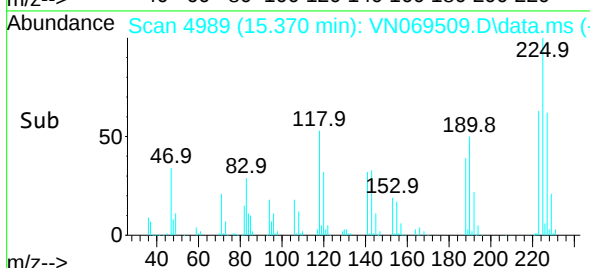
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

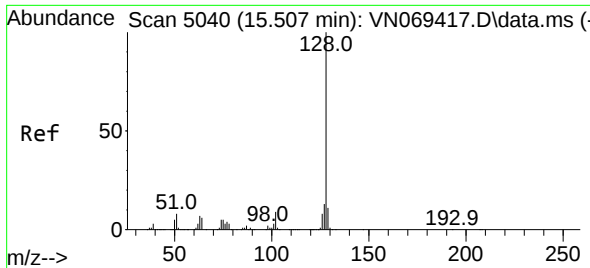


#94
Hexachlorobutadiene
Concen: 19.243 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28



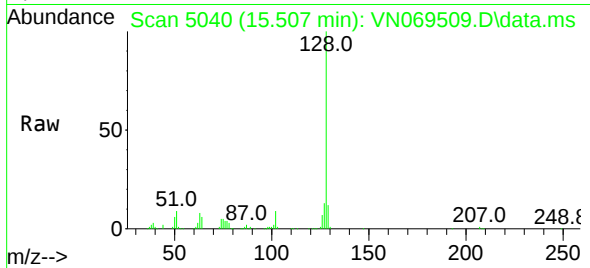
Tgt Ion:225 Resp: 100287
Ion Ratio Lower Upper
225 100
223 62.3 31.9 95.7
227 62.8 32.1 96.3





#95
Naphthalene
Concen: 16.400 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28

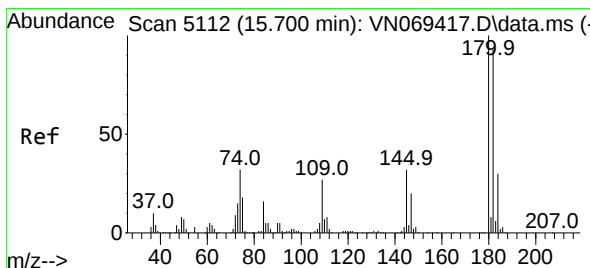
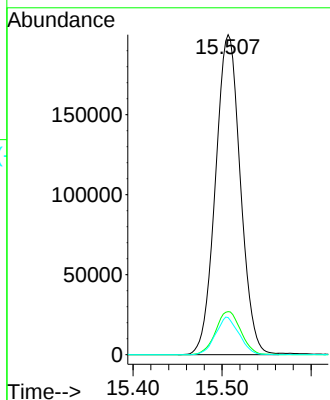
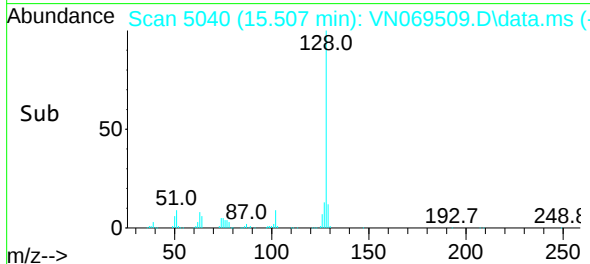
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBS01



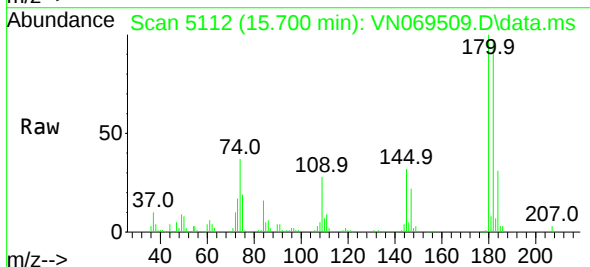
Tgt Ion:128 Resp: 388744
Ion Ratio Lower Upper
128 100
127 13.7 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#96
1,2,3-Trichlorobenzene
Concen: 17.579 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN069509.D
Acq: 16 Nov 2021 15:28



Tgt Ion:180 Resp: 154609
Ion Ratio Lower Upper
180 100
182 94.5 47.4 142.2
145 31.9 15.0 45.1

