

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111121\
 Data File : VN069453.D
 Acq On : 11 Nov 2021 13:15
 Operator : JC/MD
 Sample : VN1111WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 12 05:15:41 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	980089	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	1633913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1514775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	659574	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.437	65	747526	52.603	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.200%	
35) Dibromofluoromethane	8.021	113	516008	52.656	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 105.320%	
50) Toluene-d8	10.443	98	2060830	53.471	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.940%	
62) 4-Bromofluorobenzene	12.734	95	724458	51.167	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 102.340%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.073	85	221570	21.161	ug/l	98
3) Chloromethane	2.303	50	240832	19.833	ug/l	97
4) Vinyl Chloride	2.446	62	249548	20.524	ug/l	99
5) Bromomethane	2.856	94	160610	20.339	ug/l	97
6) Chloroethane	3.019	64	165963	20.222	ug/l	98
7) Trichlorofluoromethane	3.374	101	386811	20.584	ug/l	95
8) Diethyl Ether	3.824	74	125113	20.578	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.202	101	181956	20.556	ug/l	93
10) Methyl Iodide	4.417	142	206649	19.034	ug/l	97
11) Tert butyl alcohol	5.382	59	242332	94.634	ug/l	# 88
12) 1,1-Dichloroethene	4.178	96	159472	20.076	ug/l	87
13) Acrolein	4.041	56	31479	82.377	ug/l	94
14) Allyl chloride	4.841	41	344895	19.638	ug/l	95
15) Acrylonitrile	5.554	53	651459	99.345	ug/l	97
16) Acetone	4.291	43	690073	90.002	ug/l	94
17) Carbon Disulfide	4.524	76	338786	18.043	ug/l	99
18) Methyl Acetate	4.857	43	486294	19.511	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	697887	20.759	ug/l	96
20) Methylene Chloride	5.095	84	213114	19.601	ug/l	88
21) trans-1,2-Dichloroethene	5.600	96	179527	20.234	ug/l	89
22) Diisopropyl ether	6.501	45	787317	20.811	ug/l	94
23) Vinyl Acetate	6.436	43	2999151	102.498	ug/l	95
24) 1,1-Dichloroethane	6.383	63	395029	20.500	ug/l	99
25) 2-Butanone	7.337	43	1005710	96.869	ug/l	92
26) 2,2-Dichloropropane	7.327	77	292036	19.370	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	228291	20.756	ug/l	89
28) Bromochloromethane	7.657	49	205772	20.853	ug/l	# 80
29) Tetrahydrofuran	7.689	42	657563	103.207	ug/l	90
30) Chloroform	7.818	83	414666	20.991	ug/l	98
31) Cyclohexane	8.094	56	384590	19.809	ug/l	94
32) 1,1,1-Trichloroethane	8.016	97	338106	20.505	ug/l	96
36) 1,1-Dichloropropene	8.220	75	293894	21.377	ug/l	96
37) Ethyl Acetate	7.415	43	401727	21.616	ug/l	96
38) Carbon Tetrachloride	8.206	117	271190	20.431	ug/l	98
39) Methylcyclohexane	9.459	83	346124	20.238	ug/l	92
40) Benzene	8.461	78	898075	21.163	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	189086	19.690	ug/l	92
42) 1,2-Dichloroethane	8.531	62	356239	21.439	ug/l	97
43) Isopropyl Acetate	8.563	43	626079	20.973	ug/l #	94
44) Trichloroethene	9.218	130	212410	20.914	ug/l	91
45) 1,2-Dichloropropane	9.491	63	240194	21.185	ug/l	98
46) Dibromomethane	9.580	93	158283	20.843	ug/l	91
47) Bromodichloromethane	9.762	83	297214	20.973	ug/l	99
48) Methyl methacrylate	9.561	41	277665	19.771	ug/l	93
49) 1,4-Dioxane	9.572	88	106330	406.170	ug/l	88
51) 4-Methyl-2-Pentanone	10.333	43	2050555	106.422	ug/l	95
52) Toluene	10.508	92	553619	20.941	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	297969	18.837	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	327936	18.975	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	227448	21.343	ug/l	98
56) Ethyl methacrylate	10.762	69	363605	19.414	ug/l #	85
57) 1,3-Dichloropropane	11.044	76	397113	21.206	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	351969	84.720	ug/l	92
59) 2-Hexanone	11.087	43	1461736	94.936	ug/l	93
60) Dibromochloromethane	11.240	129	201895	18.843	ug/l	98
61) 1,2-Dibromoethane	11.347	107	224674	19.554	ug/l	99
64) Tetrachloroethene	10.977	164	194283	21.242	ug/l	94
65) Chlorobenzene	11.771	112	592756	21.023	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	208929	21.364	ug/l	99
67) Ethyl Benzene	11.846	91	1099376	21.141	ug/l	96
68) m/p-Xylenes	11.953	106	821726	42.965	ug/l	96
69) o-Xylene	12.280	106	401831	21.075	ug/l	93
70) Styrene	12.296	104	650679	19.950	ug/l	96
71) Bromoform	12.457	173	135080	18.245	ug/l #	99
73) Isopropylbenzene	12.581	105	1071020	20.394	ug/l	97
74) N-amyl acetate	12.390	43	444667	19.980	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	354191	19.997	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	331388m	21.771	ug/l	
77) Bromobenzene	12.862	156	239878	19.972	ug/l	81
78) n-propylbenzene	12.921	91	1220045	20.647	ug/l	96
79) 2-Chlorotoluene	13.007	91	748110	20.447	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	874278	20.593	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	73520	18.501	ug/l #	81
82) 4-Chlorotoluene	13.106	91	709141	20.332	ug/l	94
83) tert-Butylbenzene	13.324	119	768112	20.646	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	850831	20.759	ug/l	97
85) sec-Butylbenzene	13.503	105	1067659	20.543	ug/l	98
86) p-Isopropyltoluene	13.616	119	852567	20.665	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	425464	20.432	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	418254	20.475	ug/l	97
89) n-Butylbenzene	13.943	91	676766	19.671	ug/l	98
90) Hexachloroethane	14.211	117	127594	18.260	ug/l	85
91) 1,2-Dichlorobenzene	13.991	146	417445	21.068	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.606	75	58262	18.854	ug/l	79
93) 1,2,4-Trichlorobenzene	15.265	180	174047	18.834	ug/l	98
94) Hexachlorobutadiene	15.370	225	106860	20.756	ug/l	98
95) Naphthalene	15.509	128	436239	18.024	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	169416	19.153	ug/l	98

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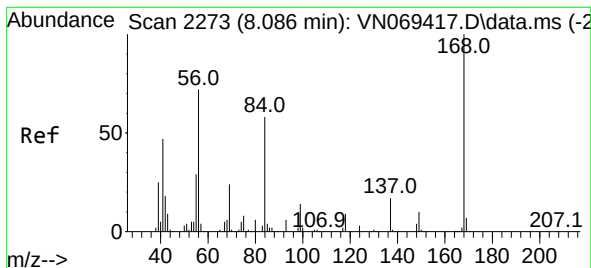
Manual Integrations
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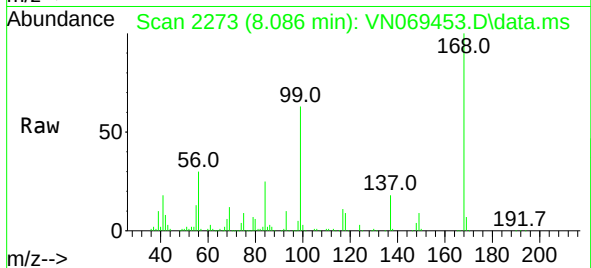
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
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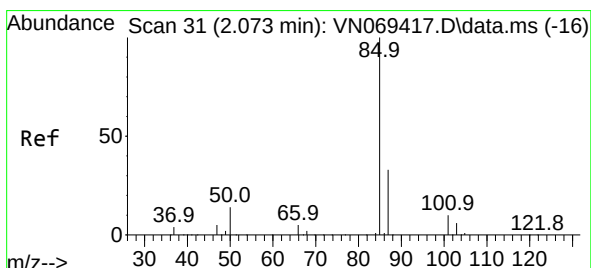
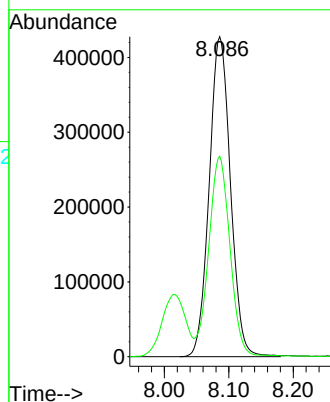
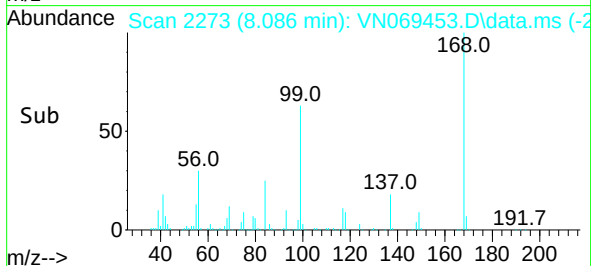
Instrument :
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Tgt Ion:168 Resp: 980089
Ion Ratio Lower Upper
168 100
99 62.3 41.3 61.9

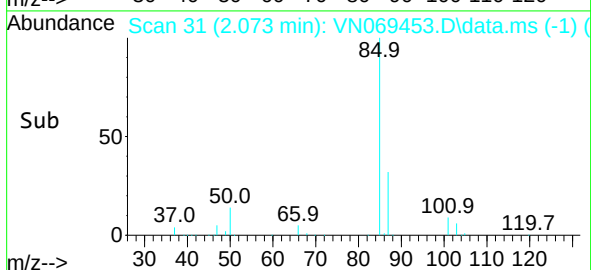
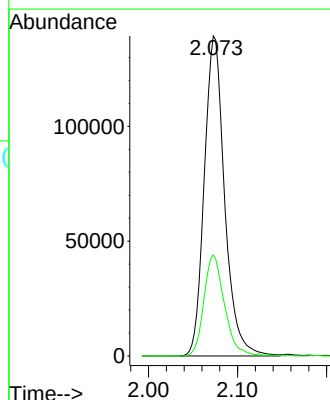
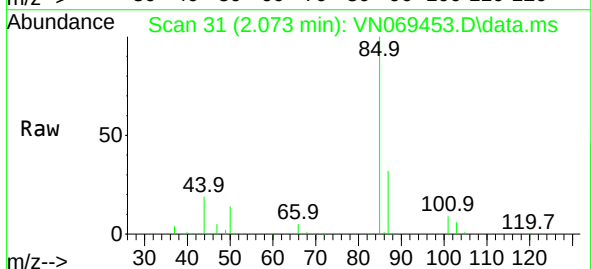
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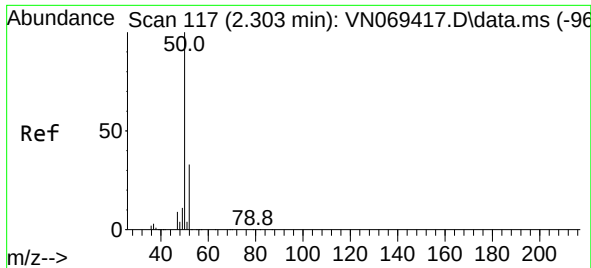
Reviewed By :John Carlone 11/12/2021
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#2
Dichlorodifluoromethane
Concen: 21.161 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

Tgt Ion: 85 Resp: 221570
Ion Ratio Lower Upper
85 100
87 31.6 16.3 48.9





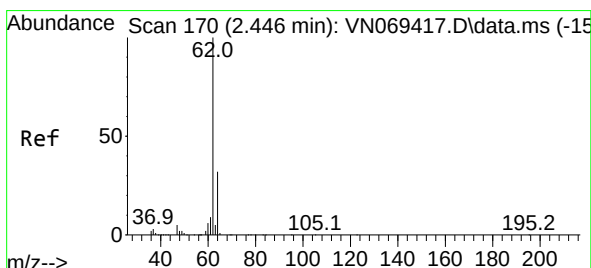
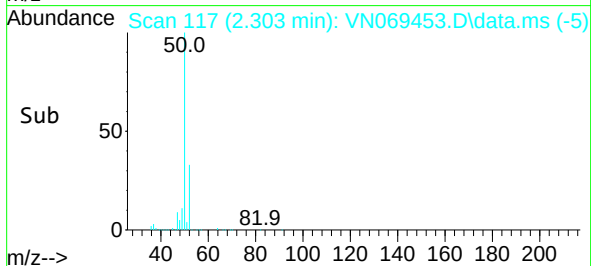
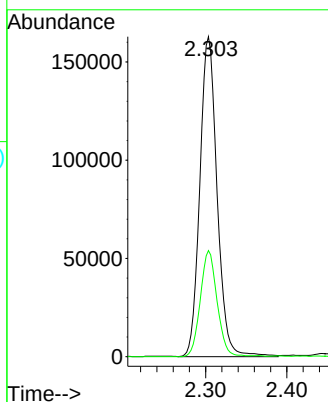
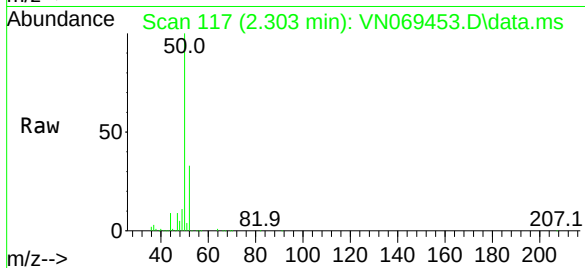
#3
Chloromethane
Concen: 19.833 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

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Tgt Ion: 50 Resp: 240832
Ion Ratio Lower Upper
50 100
52 33.1 25.4 38.0

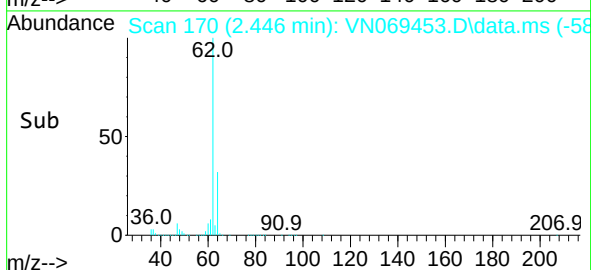
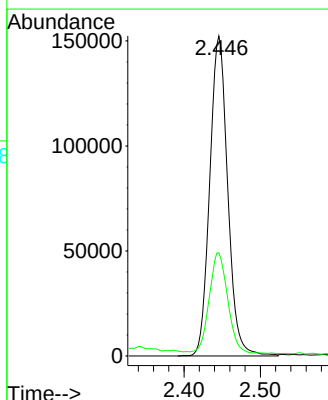
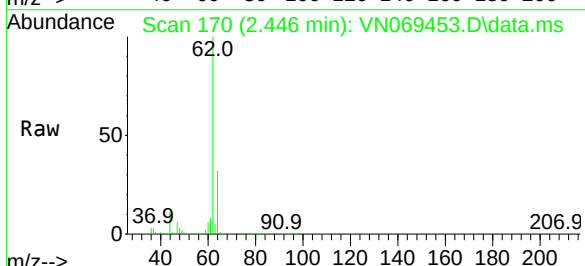
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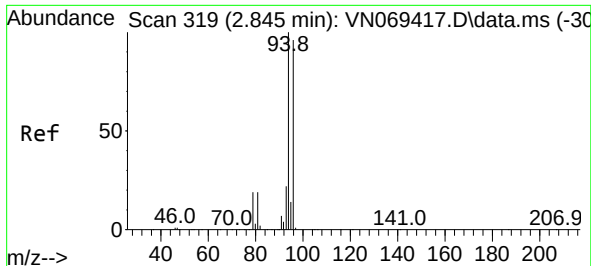
Reviewed By :John Carlone 11/12/2021
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#4
Vinyl Chloride
Concen: 20.524 ug/l
RT: 2.446 min Scan# 170
Delta R.T. -0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

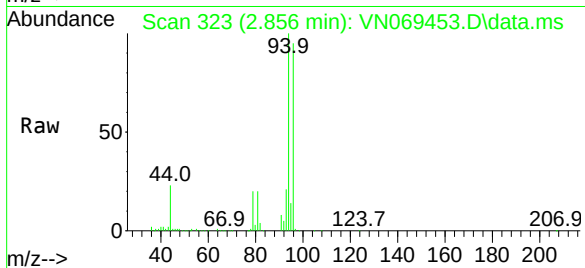
Tgt Ion: 62 Resp: 249548
Ion Ratio Lower Upper
62 100
64 31.5 25.8 38.6





#5
Bromomethane
Concen: 20.339 ug/l
RT: 2.856 min Scan# 319
Delta R.T. 0.011 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

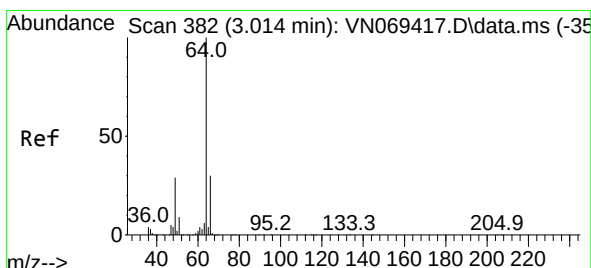
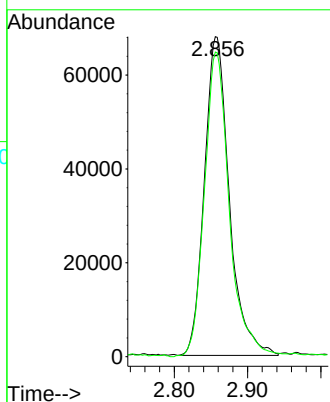
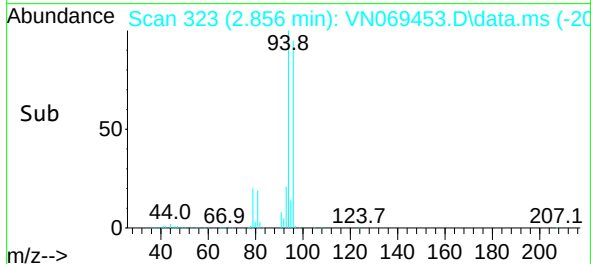
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Tgt Ion: 94 Resp: 160610
Ion Ratio Lower Upper
94 100
96 95.2 73.8 110.8

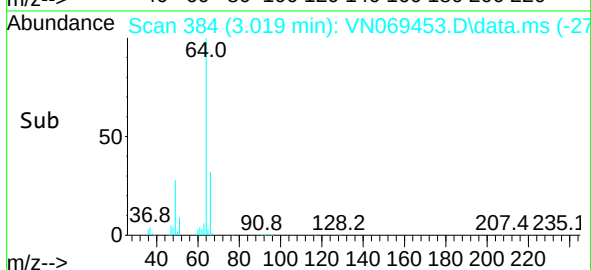
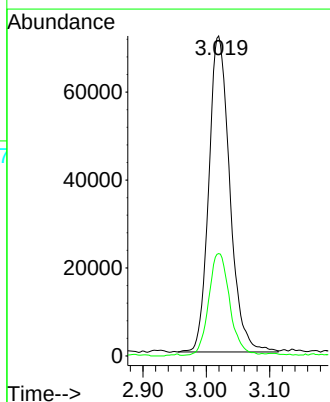
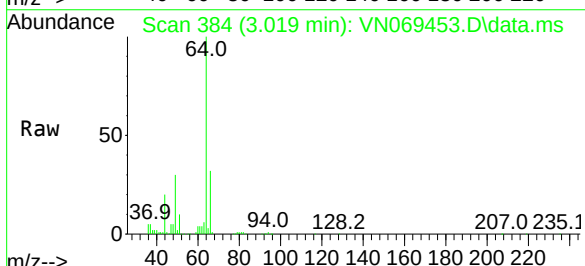
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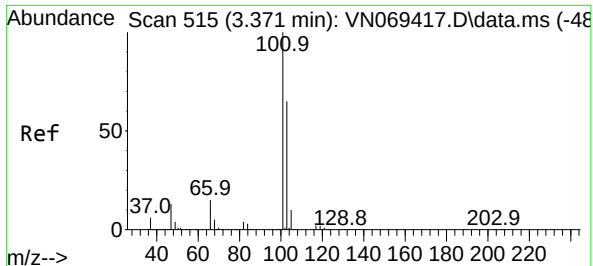
Reviewed By :John Carlone 11/12/2021
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#6
Chloroethane
Concen: 20.222 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.005 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

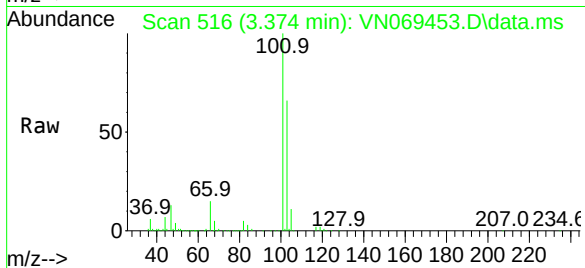
Tgt Ion: 64 Resp: 165963
Ion Ratio Lower Upper
64 100
66 31.8 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 20.584 ug/l
 RT: 3.374 min Scan# 515
 Delta R.T. 0.003 min
 Lab File: VN069453.D
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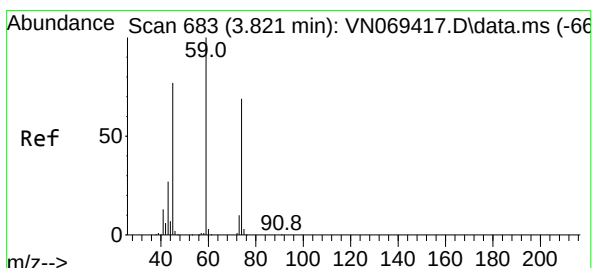
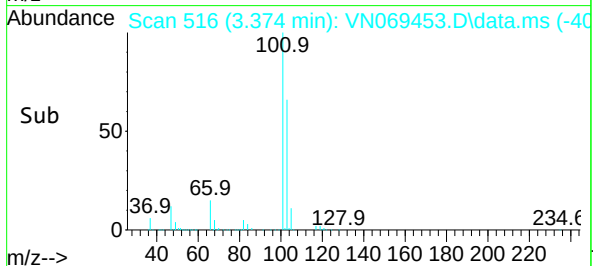
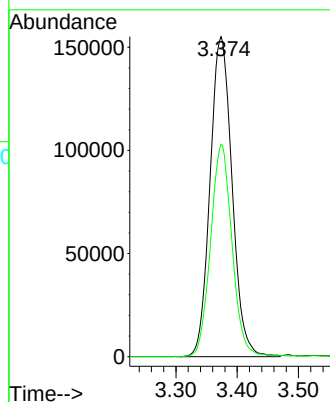
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBS01



Tgt Ion:101 Resp: 38681
 Ion Ratio Lower Upper
 101 100
 103 66.4 50.1 75.1

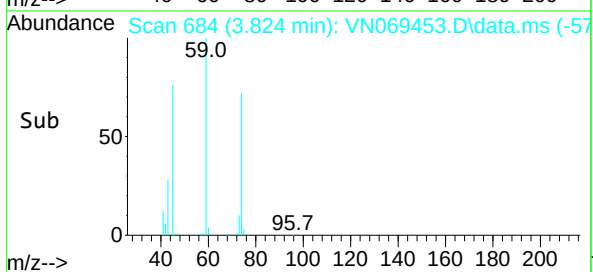
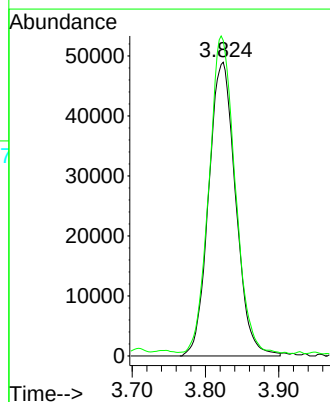
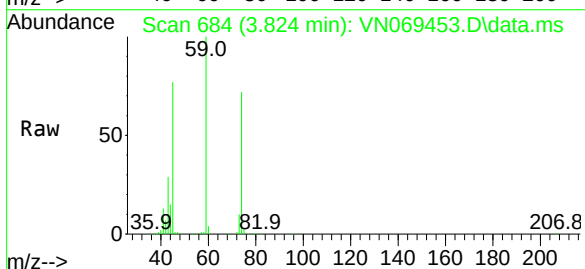
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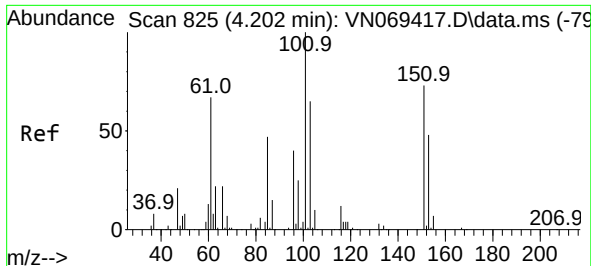
Reviewed By :John Carlone 11/12/2021
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#8
 Diethyl Ether
 Concen: 20.578 ug/l
 RT: 3.824 min Scan# 684
 Delta R.T. 0.003 min
 Lab File: VN069453.D
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Tgt Ion: 74 Resp: 125113
 Ion Ratio Lower Upper
 74 100
 45 104.1 47.0 141.2





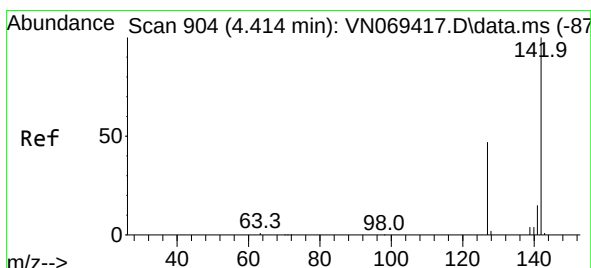
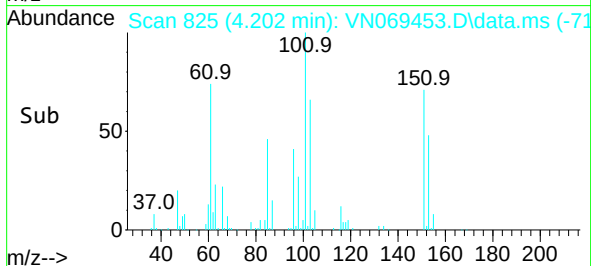
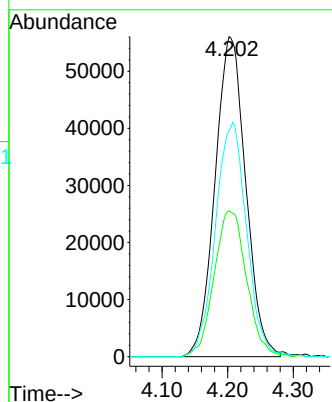
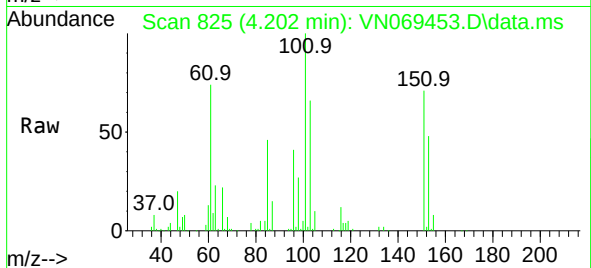
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.556 ug/l
RT: 4.202 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion:101 Resp: 181950
Ion Ratio Lower Upper
101 100
85 48.1 37.2 55.8
151 74.4 65.9 98.9

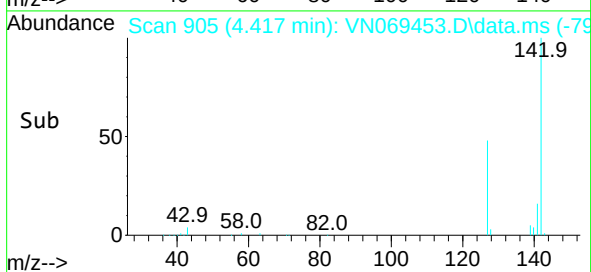
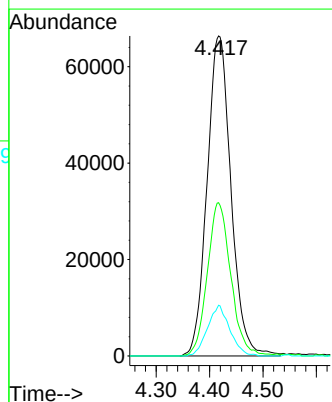
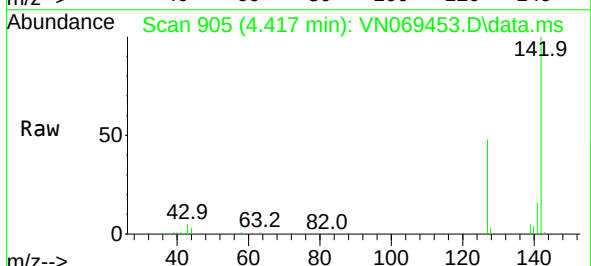
Manual Integrations
APPROVED

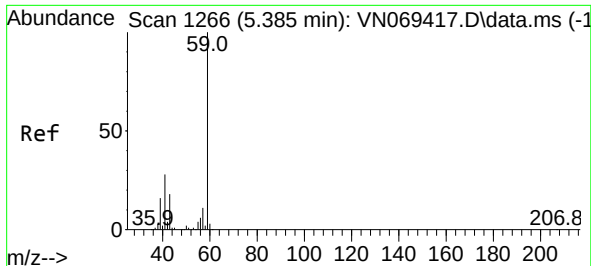
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#10
Methyl Iodide
Concen: 19.034 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

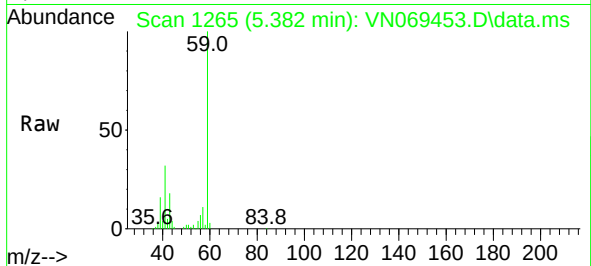
Tgt Ion:142 Resp: 206649
Ion Ratio Lower Upper
142 100
127 47.1 35.4 53.0
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 94.634 ug/l
RT: 5.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

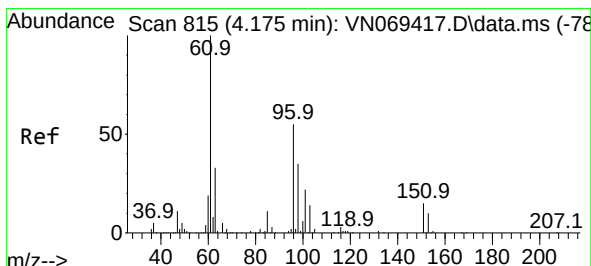
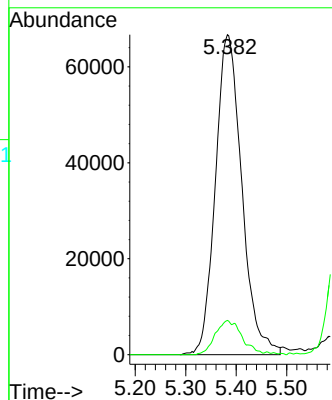
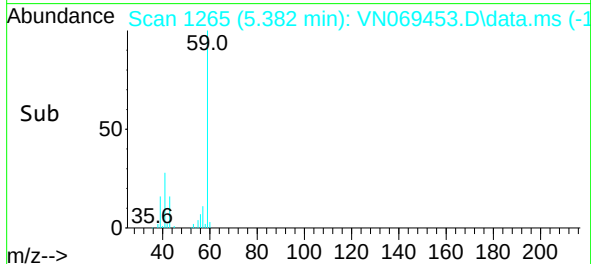
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



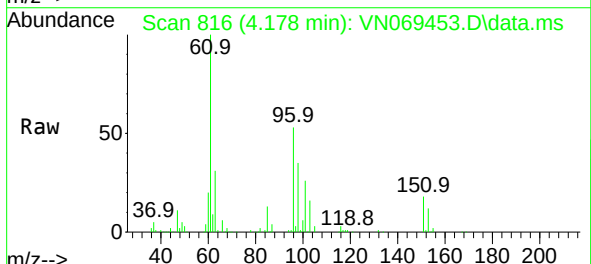
Tgt Ion: 59 Resp: 242332
Ion Ratio Lower Upper
59 100
57 6.4 8.7 13.1

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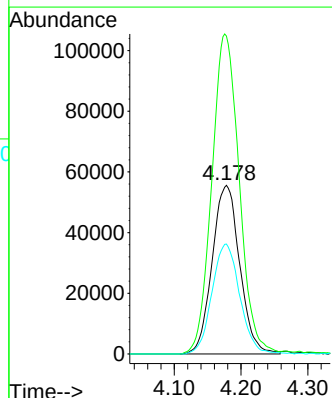
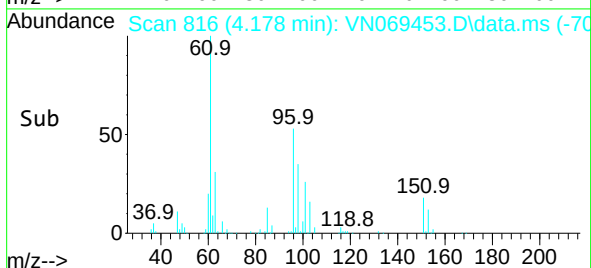
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

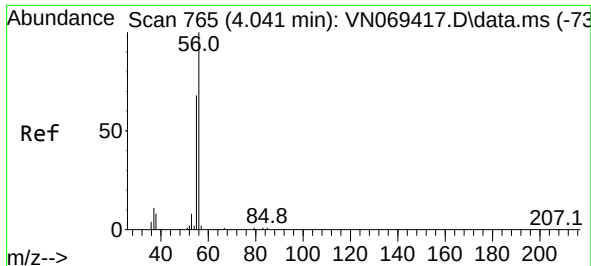


#12
1,1-Dichloroethene
Concen: 20.076 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15



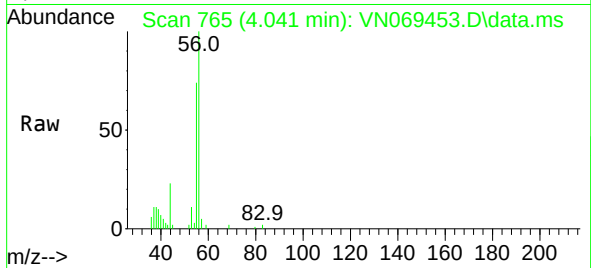
Tgt Ion: 96 Resp: 159472
Ion Ratio Lower Upper
96 100
61 188.4 131.0 196.6
98 65.1 52.4 78.6





#13
Acrolein
Concen: 82.377 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

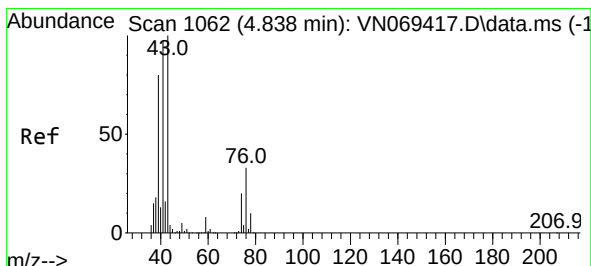
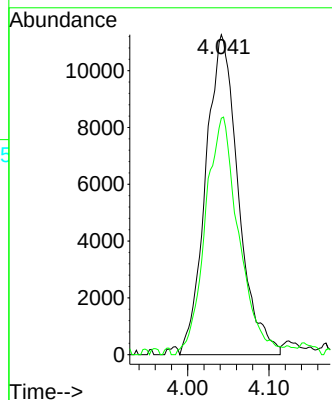
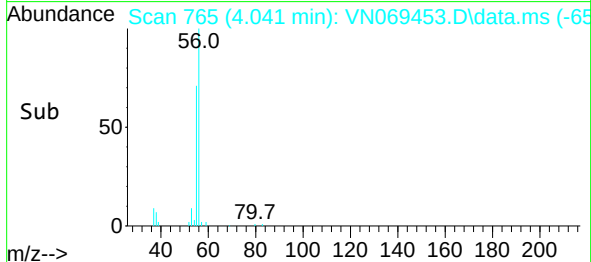
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



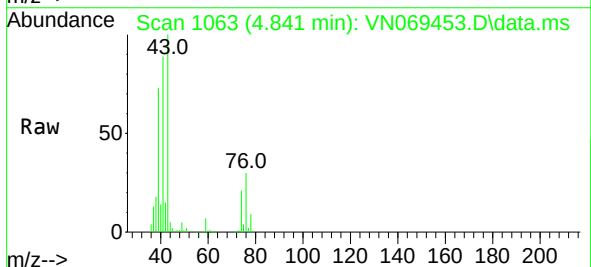
Tgt Ion: 56 Resp: 31479
Ion Ratio Lower Upper
56 100
55 76.1 56.6 85.0

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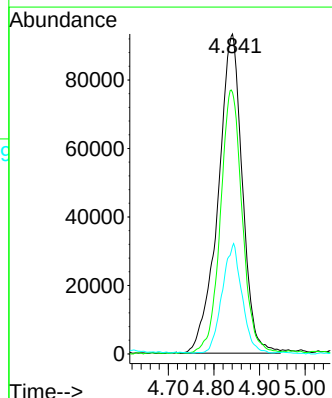
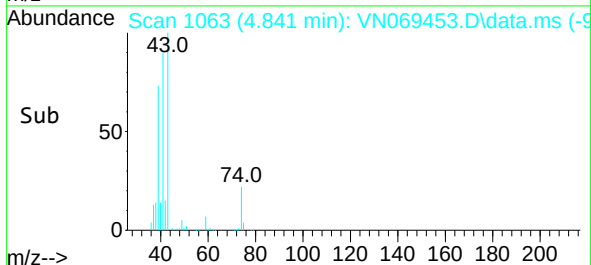
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

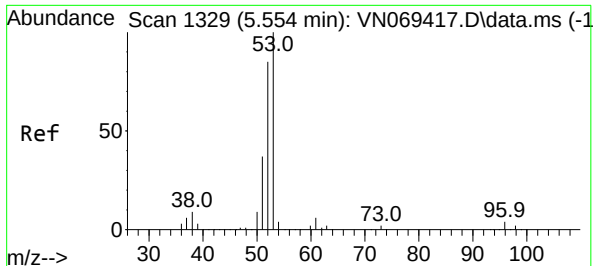


#14
Allyl chloride
Concen: 19.638 ug/l
RT: 4.841 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15



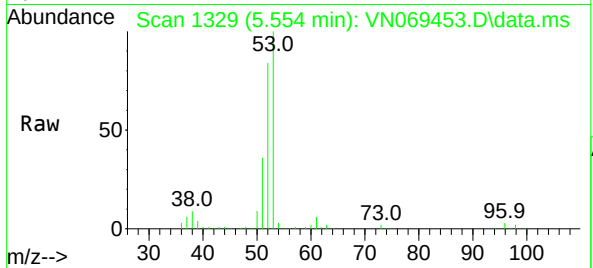
Tgt Ion: 41 Resp: 344895
Ion Ratio Lower Upper
41 100
39 73.9 61.2 91.8
76 27.8 26.0 39.0





#15
Acrylonitrile
Concen: 99.345 ug/l
RT: 5.554 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

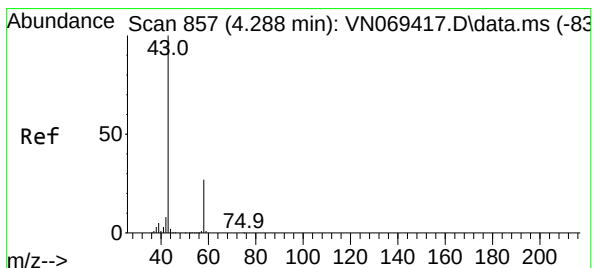
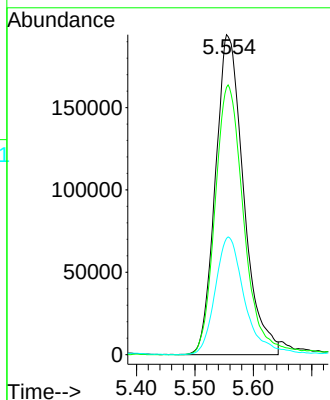
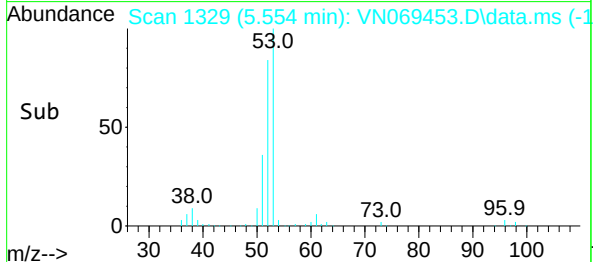
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



Tgt Ion: 53 Resp: 651459
Ion Ratio Lower Upper
53 100
52 86.2 66.2 99.2
51 38.5 29.6 44.4

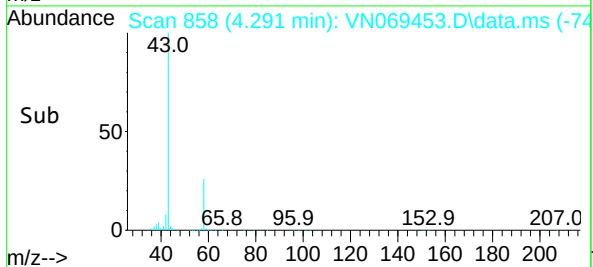
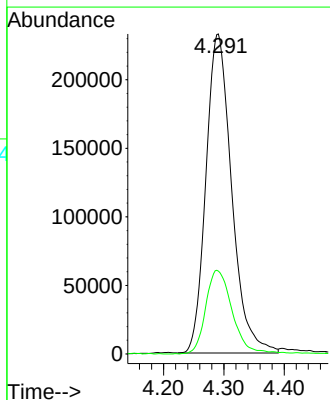
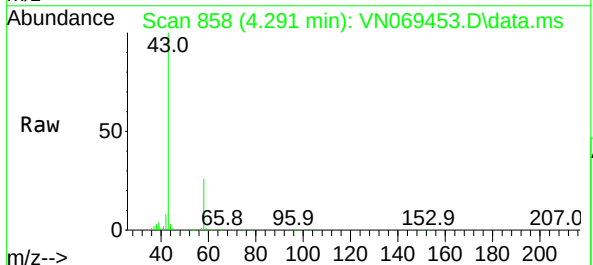
Manual Integrations
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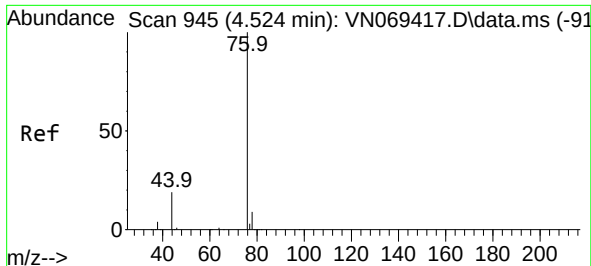
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#16
Acetone
Concen: 90.002 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

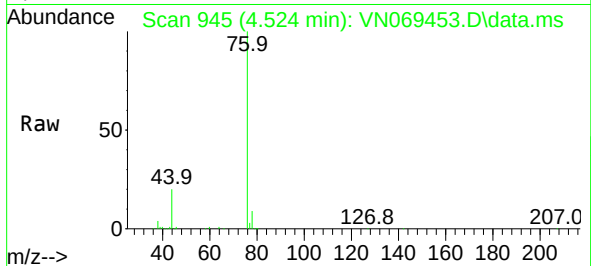
Tgt Ion: 43 Resp: 690073
Ion Ratio Lower Upper
43 100
58 25.9 23.1 34.7





#17
Carbon Disulfide
Concen: 18.043 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

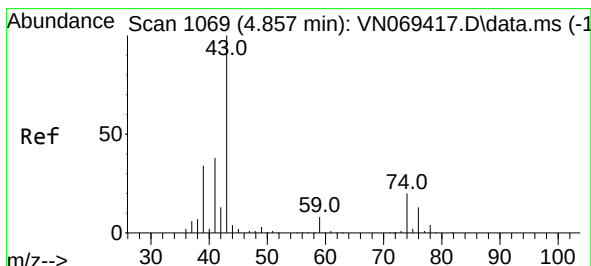
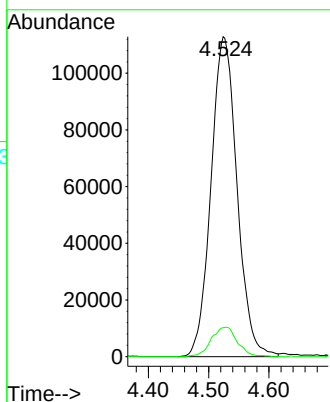
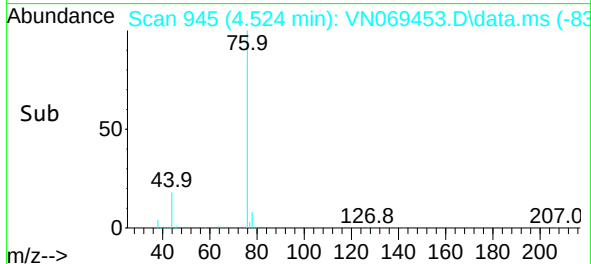
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



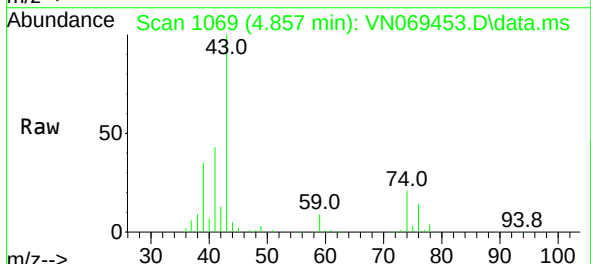
Tgt Ion: 76 Resp: 338780
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

Manual Integrations
APPROVED

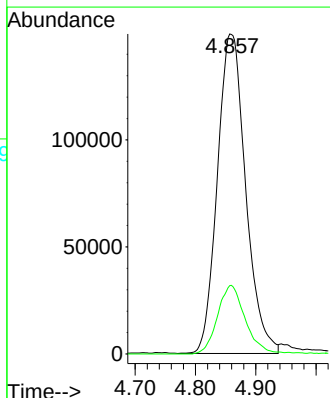
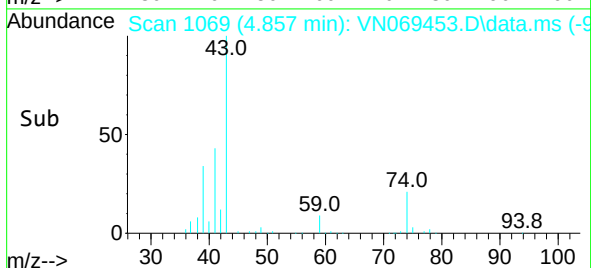
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

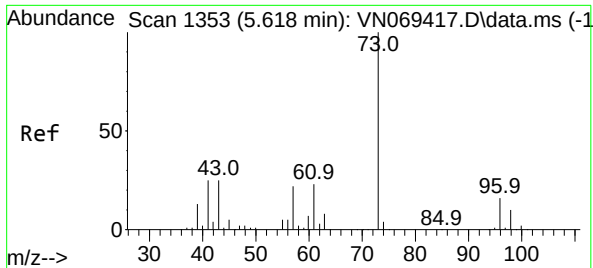


#18
Methyl Acetate
Concen: 19.511 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15



Tgt Ion: 43 Resp: 486294
Ion Ratio Lower Upper
43 100
74 21.0 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 20.759 ug/l

RT: 5.616 min Scan# 1157

Delta R.T. -0.002 min

Lab File: VN069453.D

Acq: 11 Nov 2021 13:15

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

Tgt Ion: 73 Resp: 69788

Ion Ratio Lower Upper

73 100

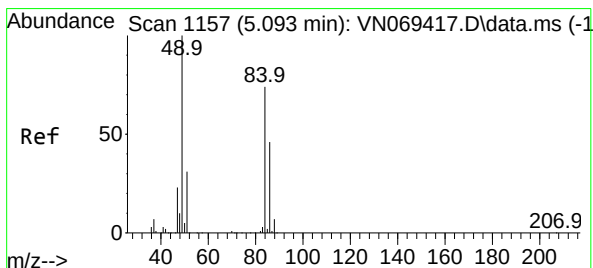
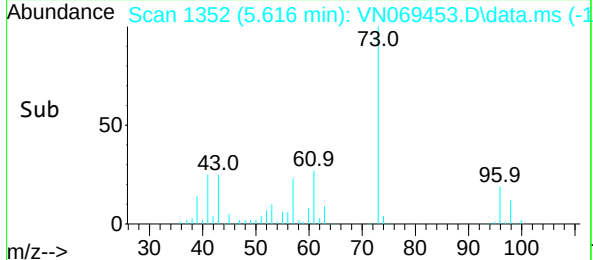
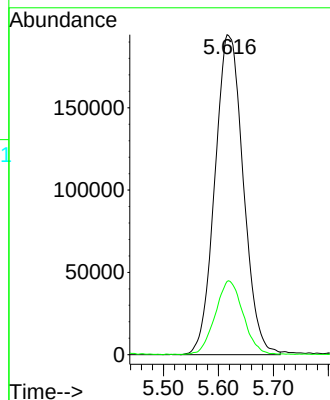
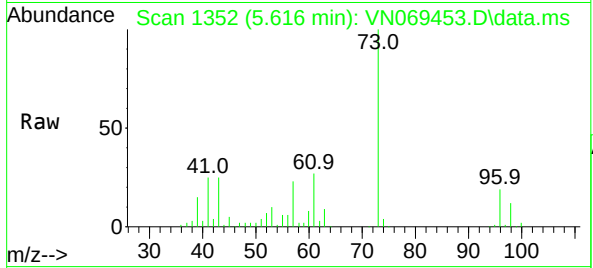
57 22.8 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#20

Methylene Chloride

Concen: 19.601 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.002 min

Lab File: VN069453.D

Acq: 11 Nov 2021 13:15

Tgt Ion: 84 Resp: 213114

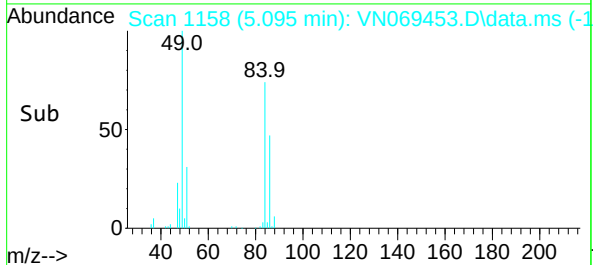
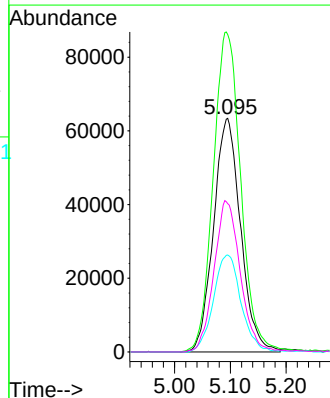
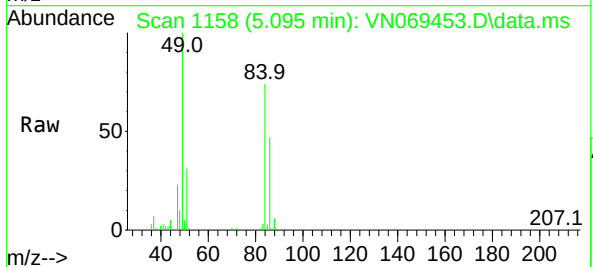
Ion Ratio Lower Upper

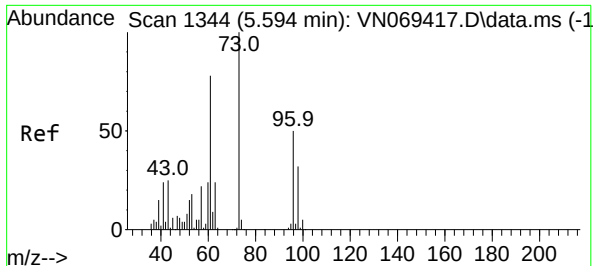
84 100

49 135.9 93.5 140.3

51 41.5 29.4 44.2

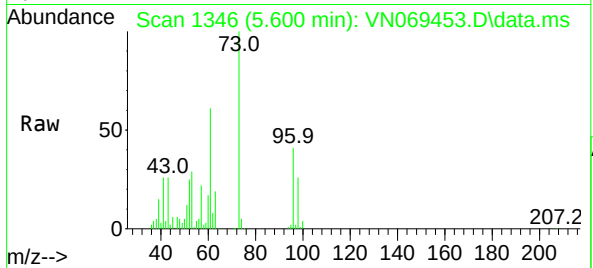
86 63.5 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 20.234 ug/l
RT: 5.600 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

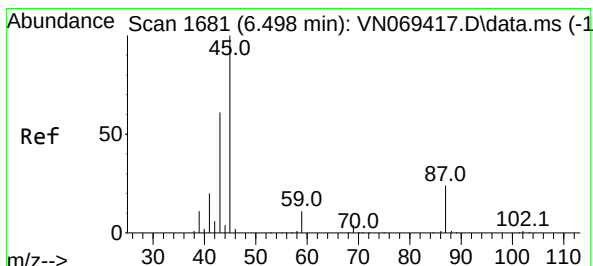
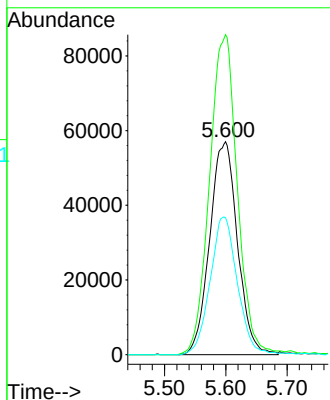
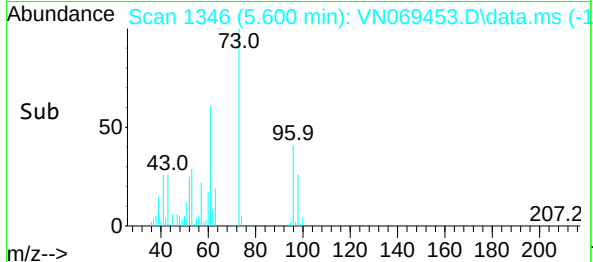
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



Tgt Ion: 96 Resp: 17952
Ion Ratio Lower Upper
96 100
61 150.2 105.8 158.6
98 64.3 52.0 78.0

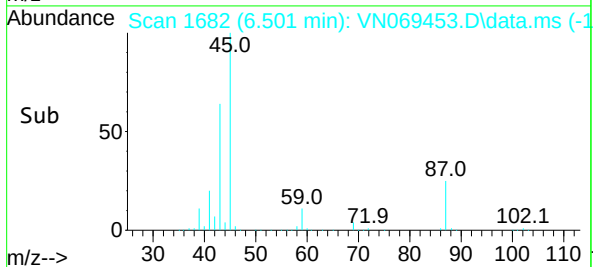
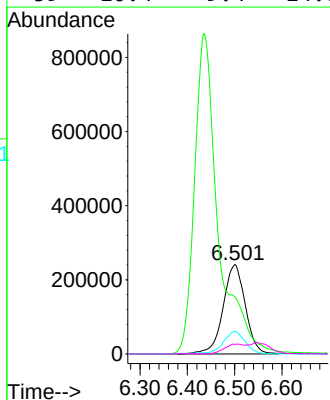
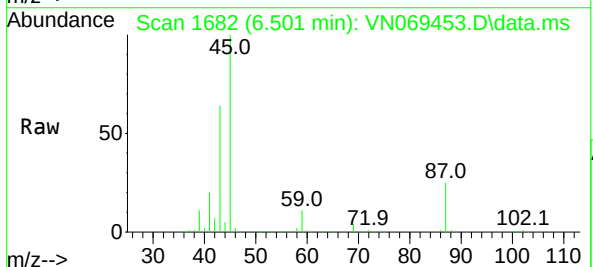
Manual Integrations
APPROVED

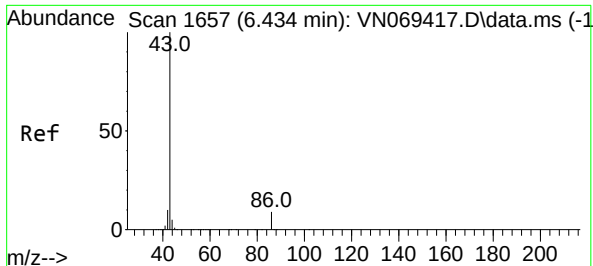
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#22
Diisopropyl ether
Concen: 20.811 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

Tgt Ion: 45 Resp: 787317
Ion Ratio Lower Upper
45 100
43 60.5 51.7 77.5
87 25.2 23.2 34.8
59 10.4 9.4 14.0





#23

Vinyl Acetate

Concen: 102.498 ug/l

RT: 6.436 min Scan# 1658

Delta R.T. 0.002 min

Lab File: VN069453.D

Acq: 11 Nov 2021 13:15

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

Tgt Ion: 43 Resp: 299915

Ion Ratio Lower Upper

43 100

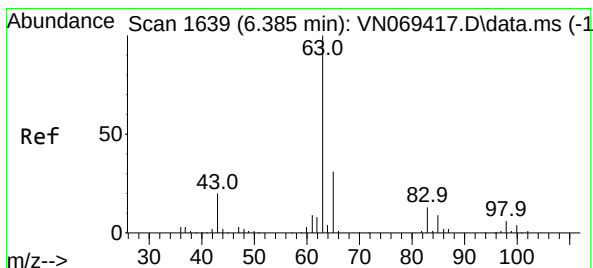
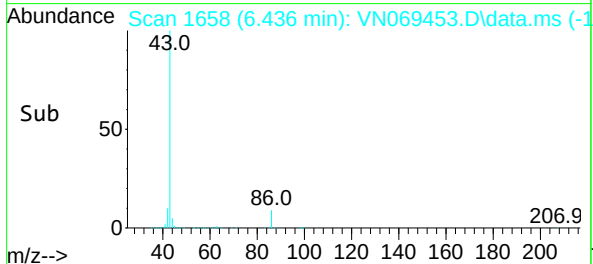
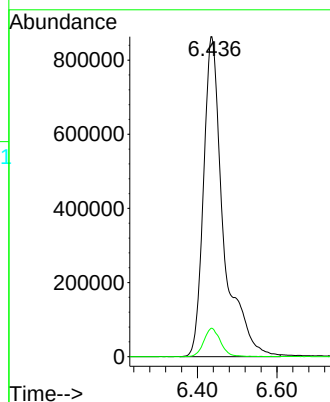
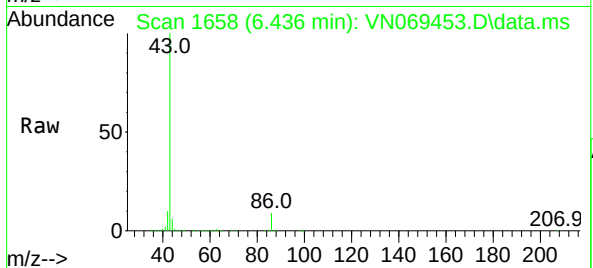
86 8.9 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#24

1,1-Dichloroethane

Concen: 20.500 ug/l

RT: 6.383 min Scan# 1638

Delta R.T. -0.002 min

Lab File: VN069453.D

Acq: 11 Nov 2021 13:15

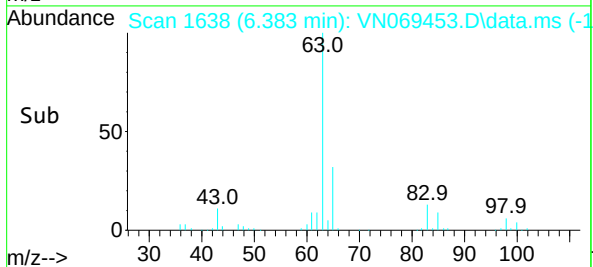
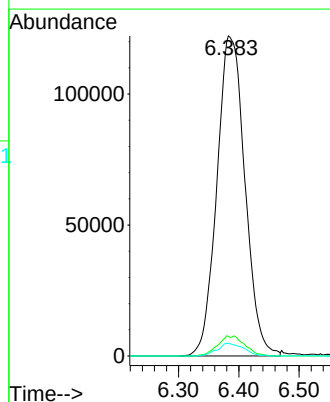
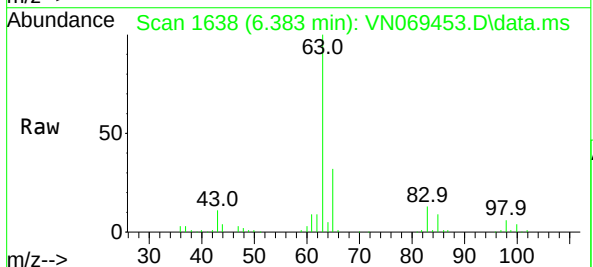
Tgt Ion: 63 Resp: 395029

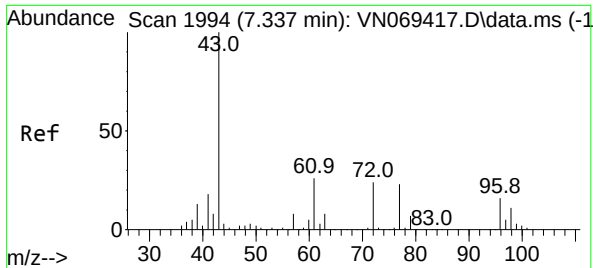
Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.9

100 3.9 2.1 6.5





#25

2-Butanone

Concen: 96.869 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN069453.D

Acq: 11 Nov 2021 13:15

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

Tgt Ion: 43 Resp: 1005710

Ion Ratio Lower Upper

43 100

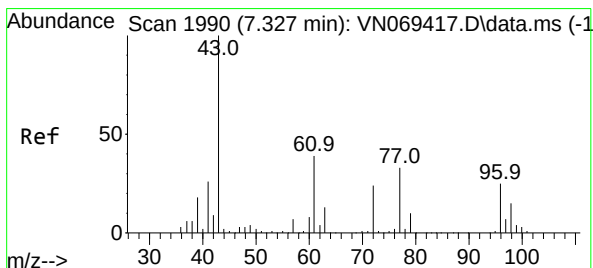
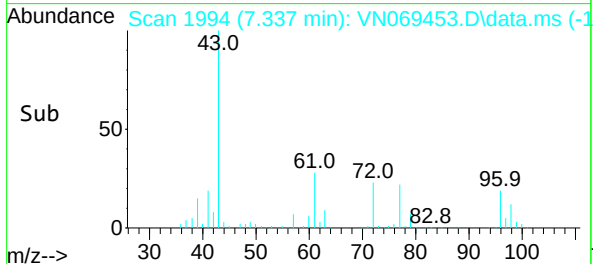
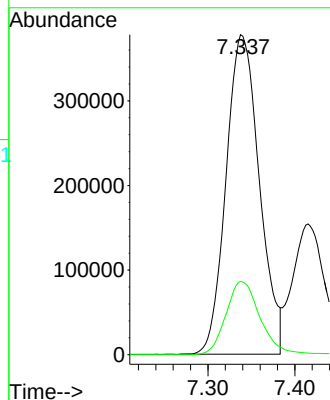
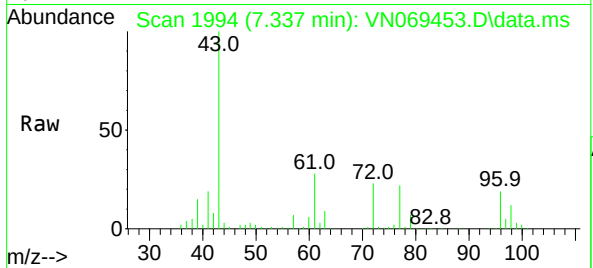
72 22.9 21.7 32.5

Manual Integrations

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Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#26

2,2-Dichloropropane

Concen: 19.370 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN069453.D

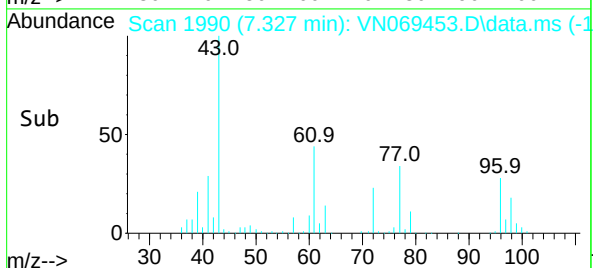
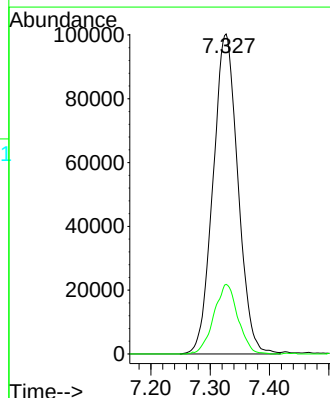
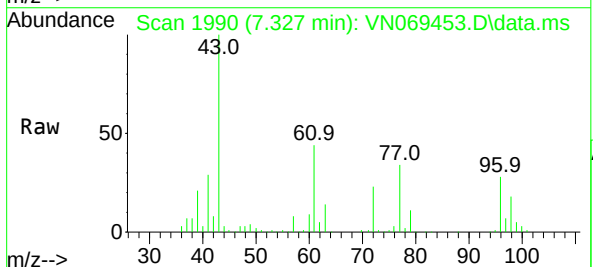
Acq: 11 Nov 2021 13:15

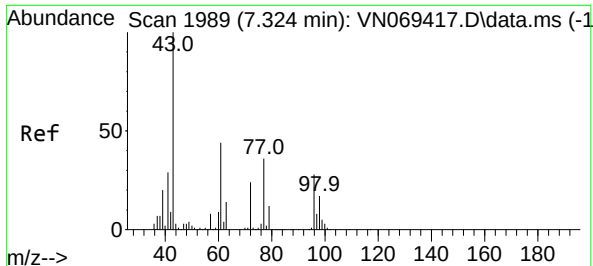
Tgt Ion: 77 Resp: 292036

Ion Ratio Lower Upper

77 100

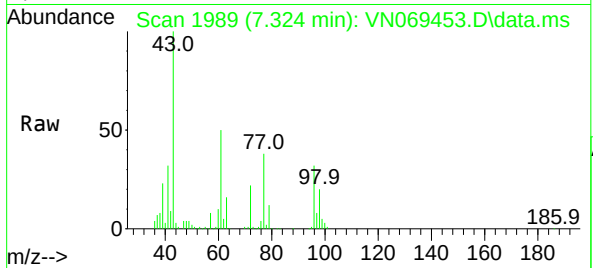
97 21.1 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 20.756 ug/l
 RT: 7.324 min Scan# 1989
 Delta R.T. 0.000 min
 Lab File: VN069453.D
 Acq: 11 Nov 2021 13:15

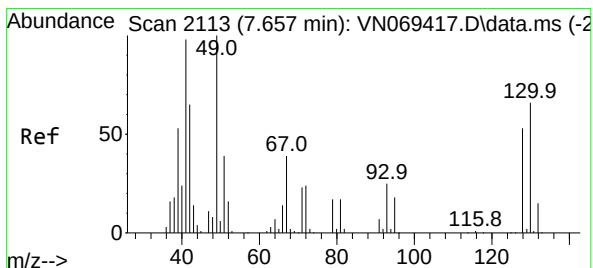
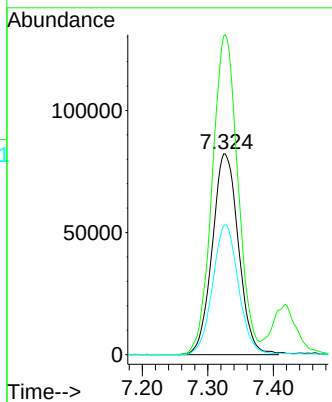
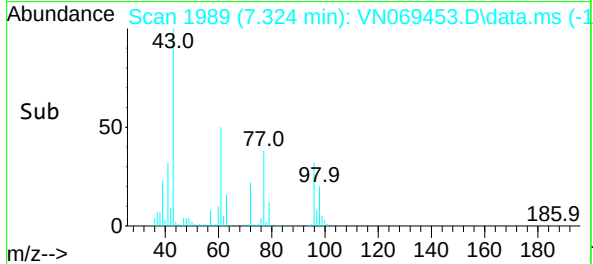
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBS01



Tgt Ion: 96 Resp: 22829
 Ion Ratio Lower Upper
 96 100
 61 156.3 0.0 275.0
 98 63.9 0.0 129.6

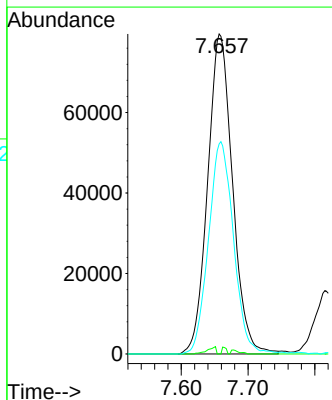
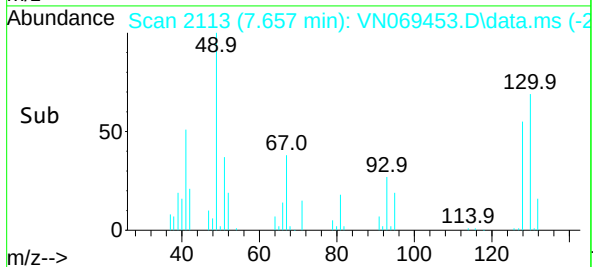
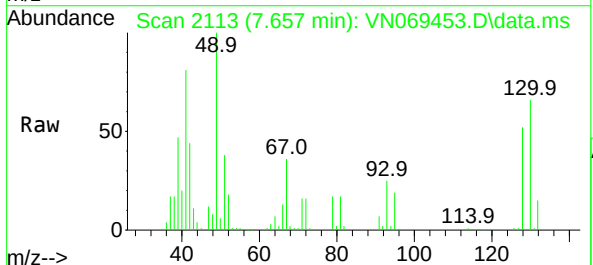
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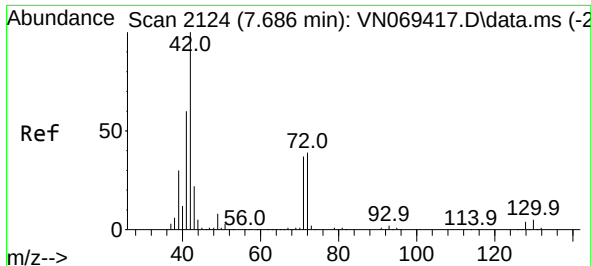
Reviewed By :John Carlone 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#28
 Bromochloromethane
 Concen: 20.853 ug/l
 RT: 7.657 min Scan# 2113
 Delta R.T. -0.000 min
 Lab File: VN069453.D
 Acq: 11 Nov 2021 13:15

Tgt Ion: 49 Resp: 205772
 Ion Ratio Lower Upper
 49 100
 129 0.4 0.0 4.0
 130 66.7 67.8 101.8





#29

Tetrahydrofuran

Concen: 103.207 ug/l

RT: 7.689 min Scan# 2124

Delta R.T. 0.003 min

Lab File: VN069453.D

Acq: 11 Nov 2021 13:15

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

Tgt Ion: 42 Resp: 65756

Ion Ratio Lower Upper

42 100

72 39.1 36.3 54.5

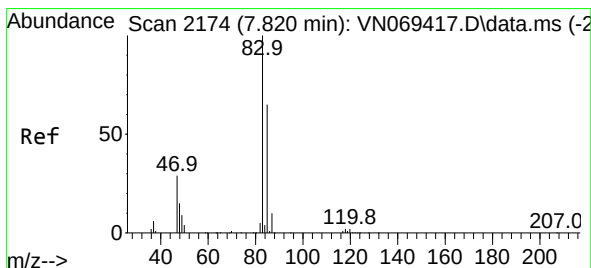
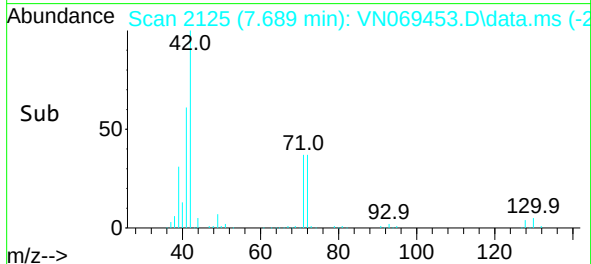
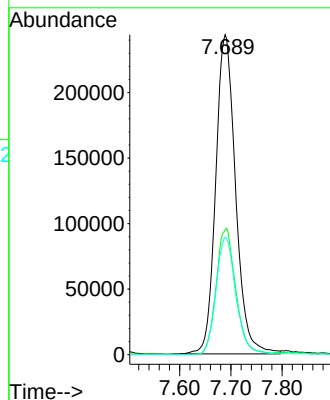
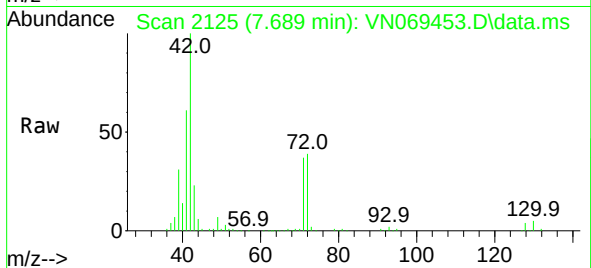
71 36.8 34.7 52.1

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Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#30

Chloroform

Concen: 20.991 ug/l

RT: 7.818 min Scan# 2173

Delta R.T. -0.002 min

Lab File: VN069453.D

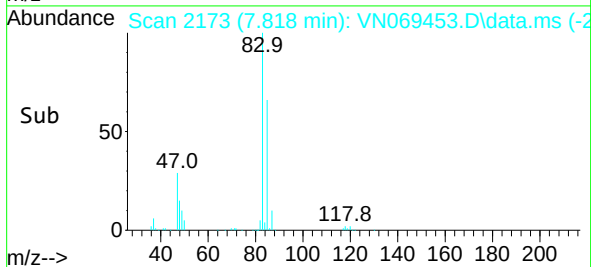
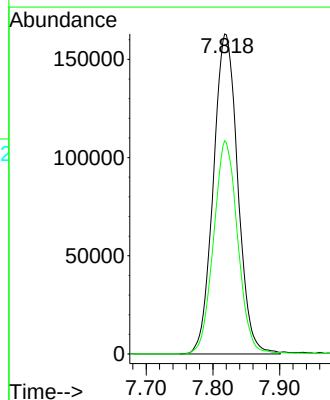
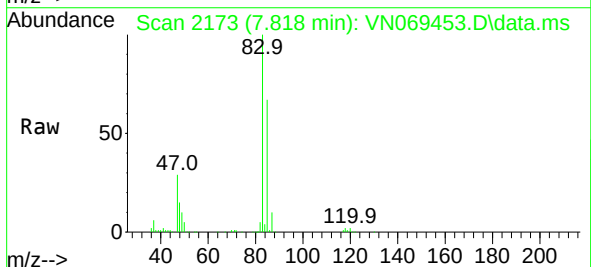
Acq: 11 Nov 2021 13:15

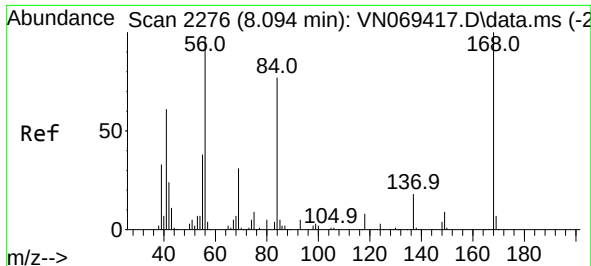
Tgt Ion: 83 Resp: 414666

Ion Ratio Lower Upper

83 100

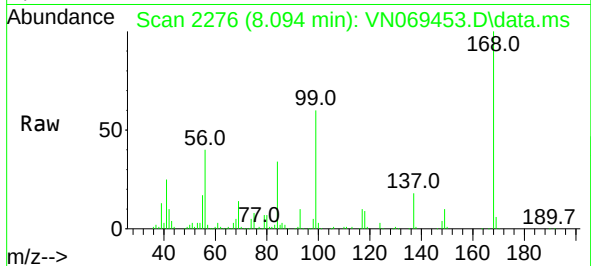
85 66.7 51.9 77.9





#31
Cyclohexane
Concen: 19.809 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

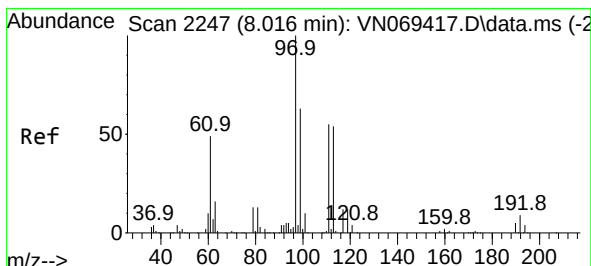
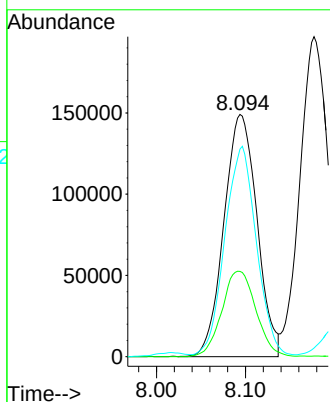
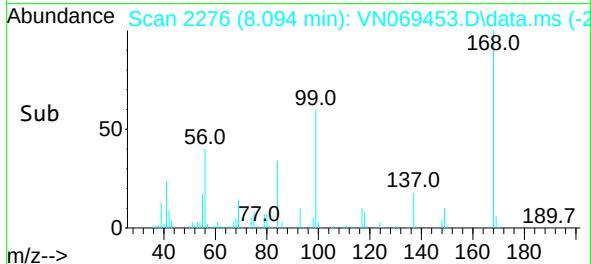
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



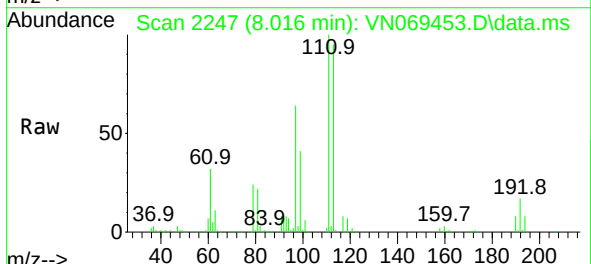
Tgt Ion: 56 Resp: 384590
Ion Ratio Lower Upper
56 100
69 35.2 27.1 40.7
84 84.2 73.4 110.0

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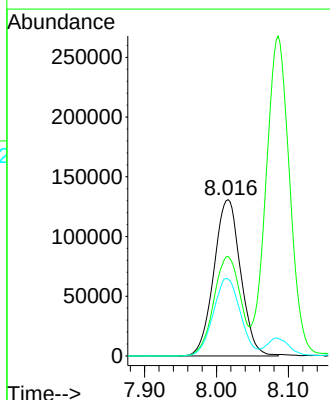
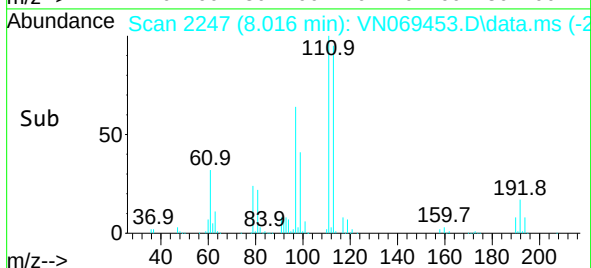
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

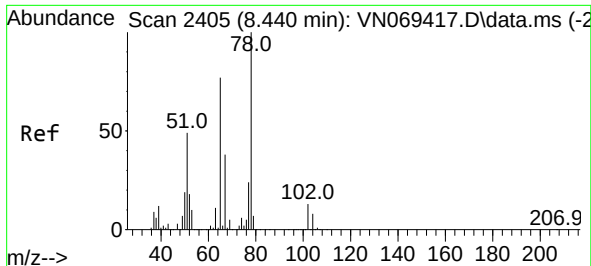


#32
1,1,1-Trichloroethane
Concen: 20.505 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15



Tgt Ion: 97 Resp: 338106
Ion Ratio Lower Upper
97 100
99 63.1 50.1 75.1
61 50.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.603 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VN069453.D

Acq: 11 Nov 2021 13:15

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

Tgt Ion: 65 Resp: 747520

Ion Ratio Lower Upper

65 100

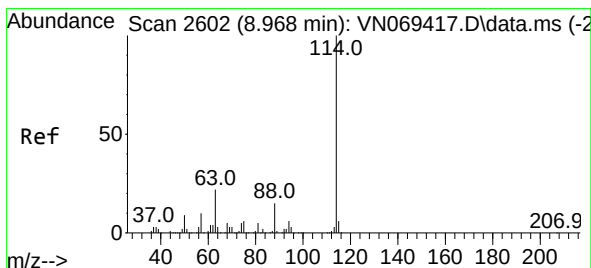
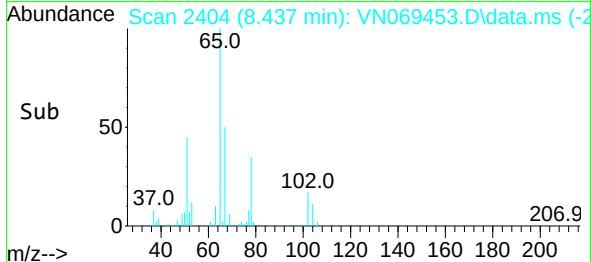
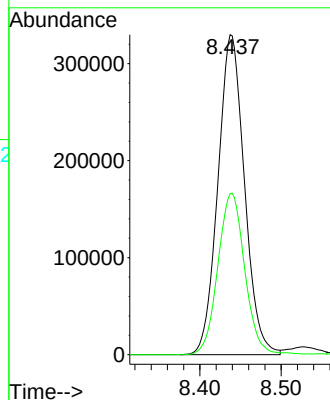
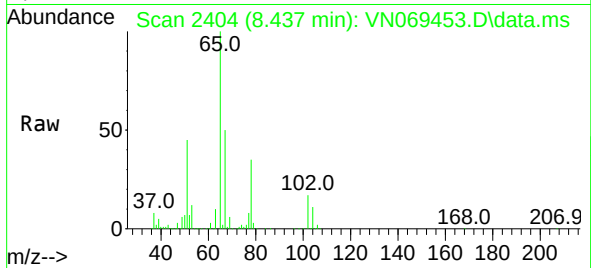
67 51.3 0.0 103.0

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Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069453.D

Acq: 11 Nov 2021 13:15

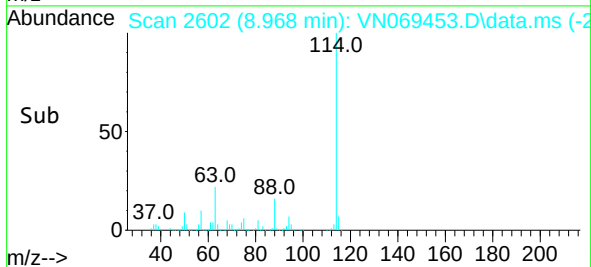
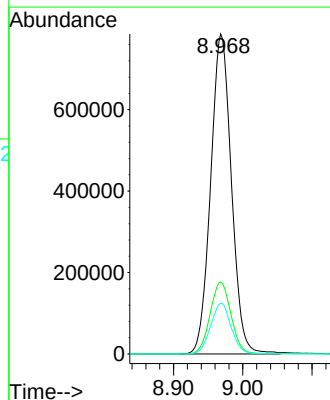
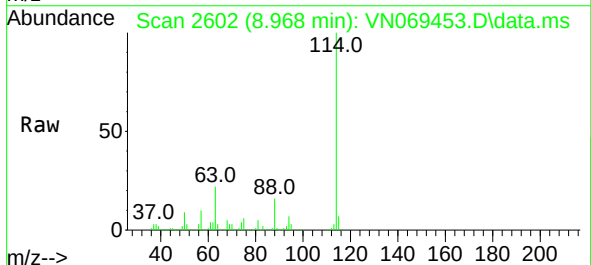
Tgt Ion:114 Resp: 1633913

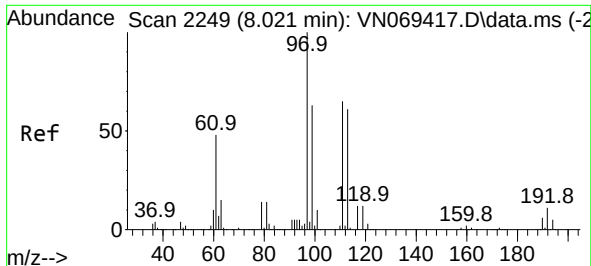
Ion Ratio Lower Upper

114 100

63 22.5 0.0 37.8

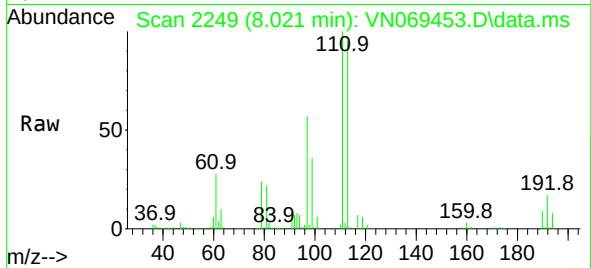
88 15.8 0.0 27.4





#35
Dibromofluoromethane
Concen: 52.656 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

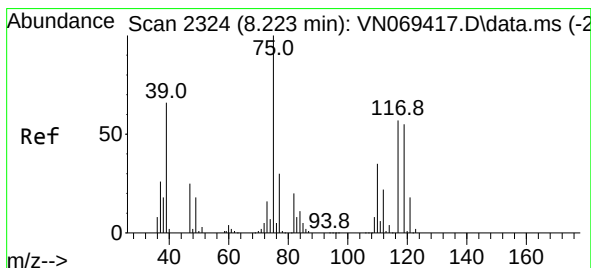
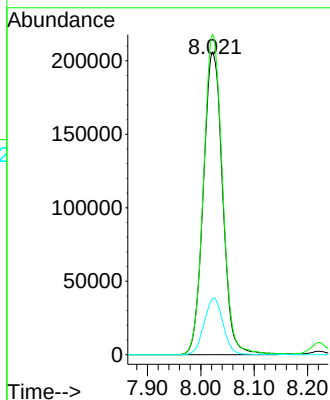
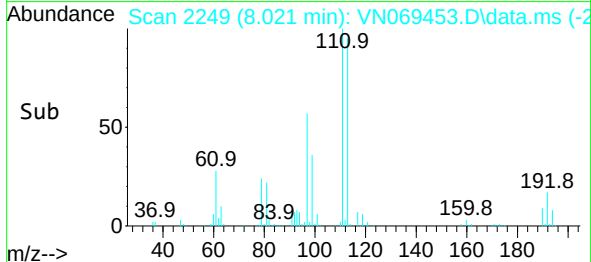
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



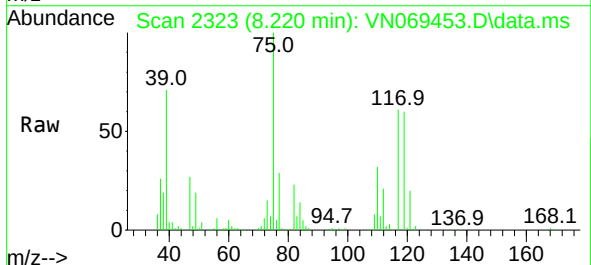
Tgt Ion:113 Resp: 516008
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.2
192 18.3 16.9 25.3

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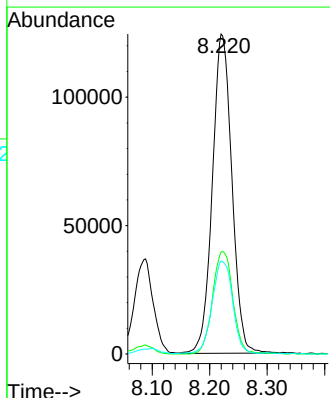
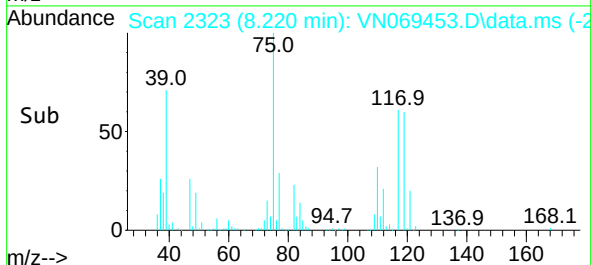
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

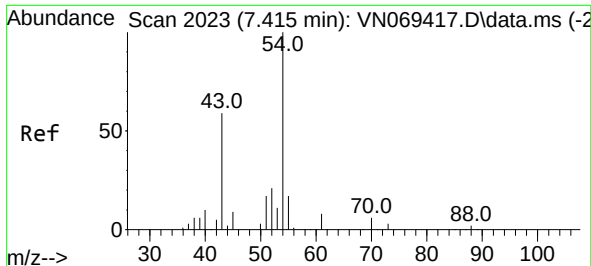


#36
1,1-Dichloropropene
Concen: 21.377 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15



Tgt Ion: 75 Resp: 293894
Ion Ratio Lower Upper
75 100
110 33.3 18.4 55.2
77 29.9 24.4 36.6





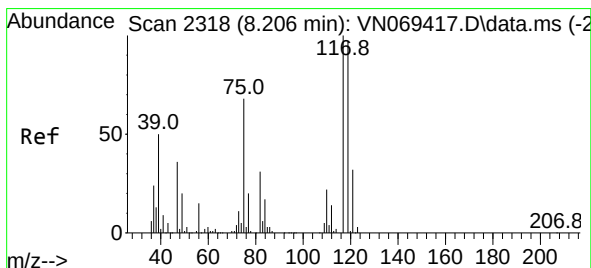
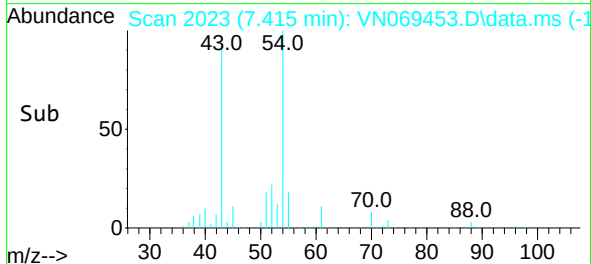
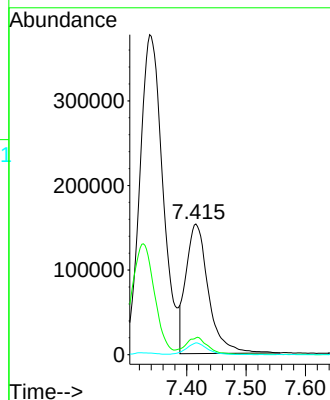
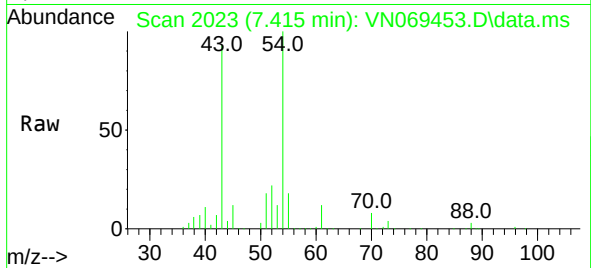
#37
Ethyl Acetate
Concen: 21.616 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion: 43 Resp: 40172
Ion Ratio Lower Upper
43 100
61 12.8 11.5 17.3
70 8.1 7.9 11.9

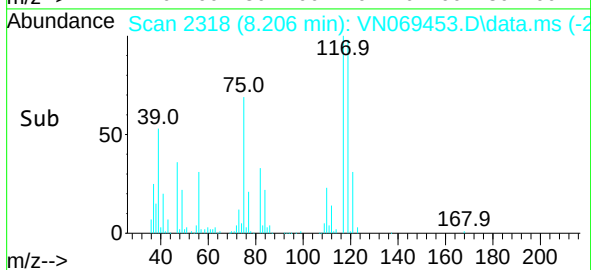
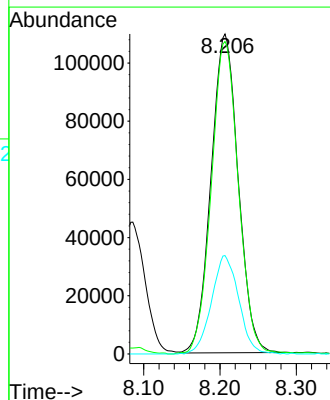
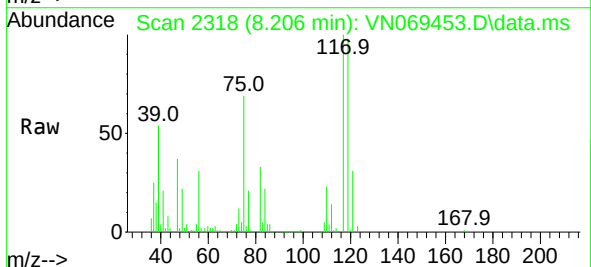
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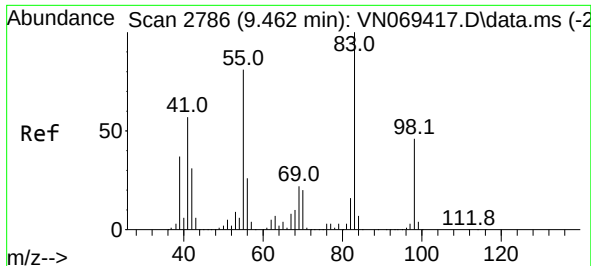
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#38
Carbon Tetrachloride
Concen: 20.431 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

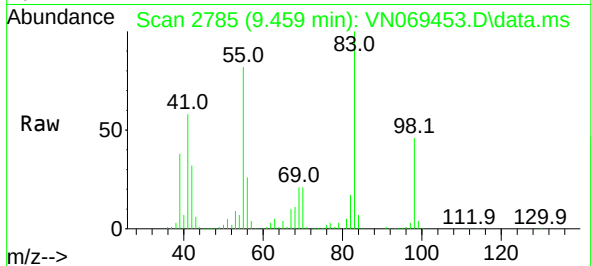
Tgt Ion:117 Resp: 271190
Ion Ratio Lower Upper
117 100
119 97.7 76.1 114.1
121 30.9 24.2 36.2





#39
Methylcyclohexane
Concen: 20.238 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

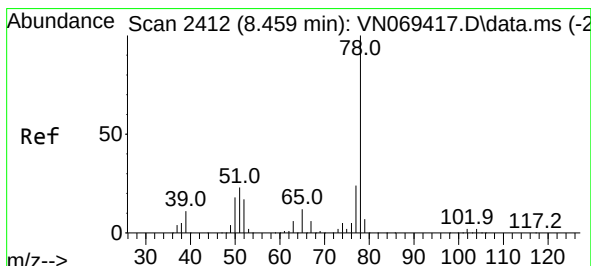
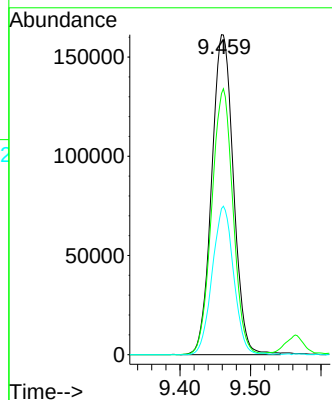
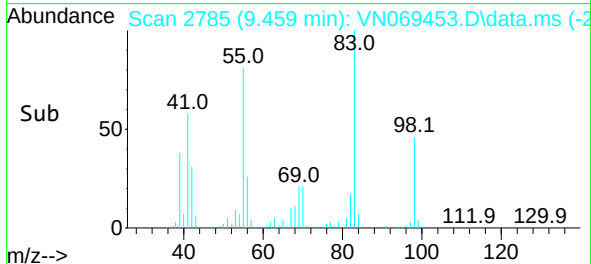
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



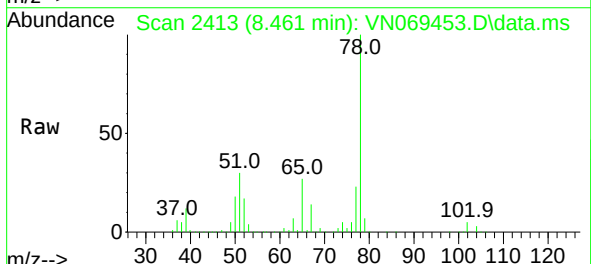
Tgt Ion: 83 Resp: 346124
Ion Ratio Lower Upper
83 100
55 81.6 58.1 87.1
98 45.6 38.4 57.6

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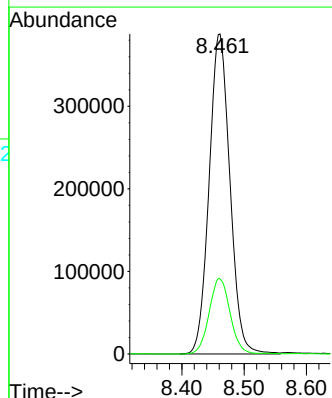
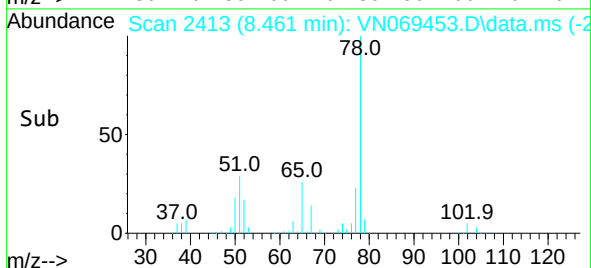
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

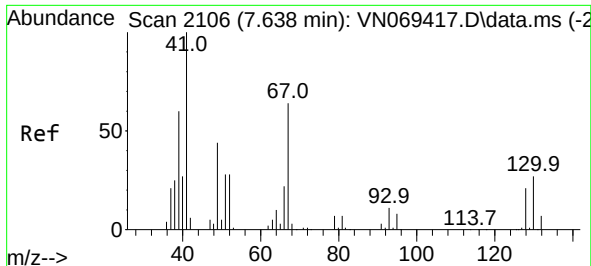


#40
Benzene
Concen: 21.163 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.002 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15



Tgt Ion: 78 Resp: 898075
Ion Ratio Lower Upper
78 100
77 23.4 18.6 27.8





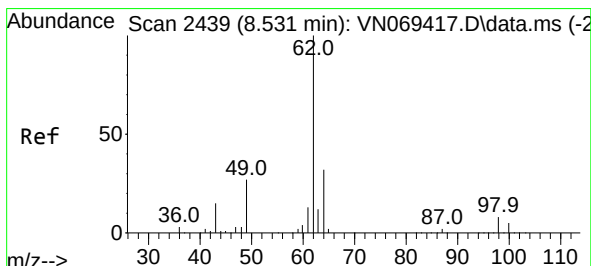
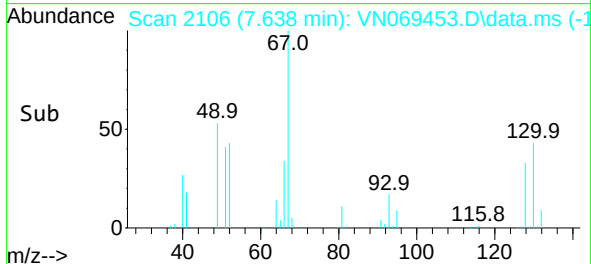
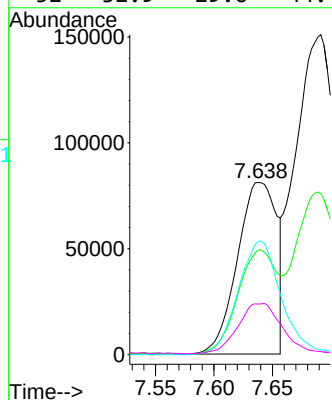
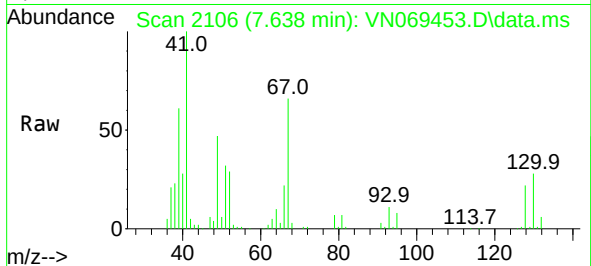
#41
Methacrylonitrile
Concen: 19.690 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion: 41 Resp: 189080
Ion Ratio Lower Upper
41 100
39 62.3 48.1 72.1
67 73.5 68.3 102.5
52 32.9 29.6 44.4

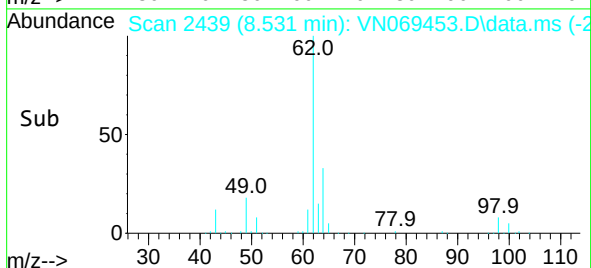
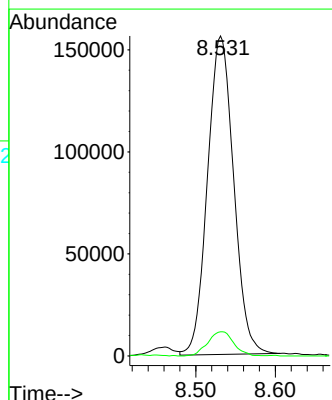
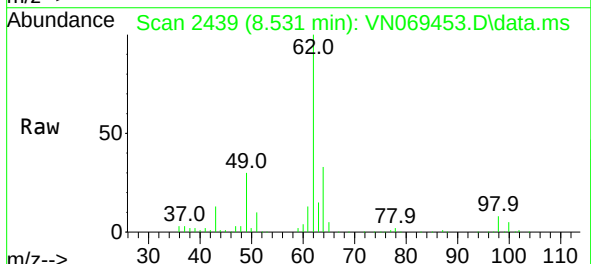
Manual Integrations
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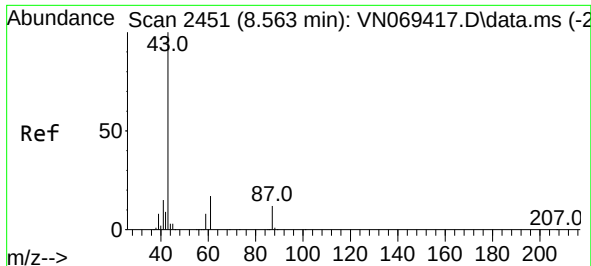
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#42
1,2-Dichloroethane
Concen: 21.439 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

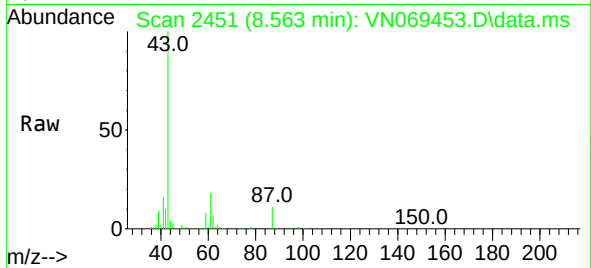
Tgt Ion: 62 Resp: 356239
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 20.973 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

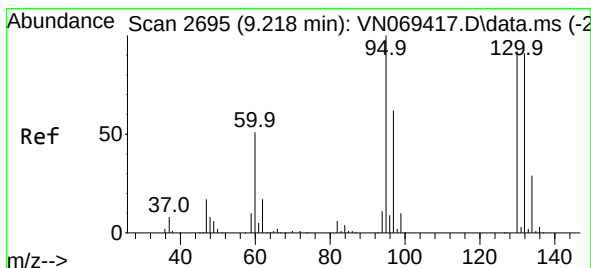
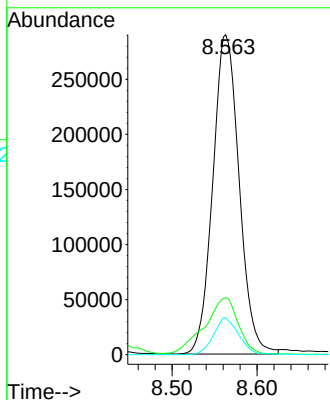
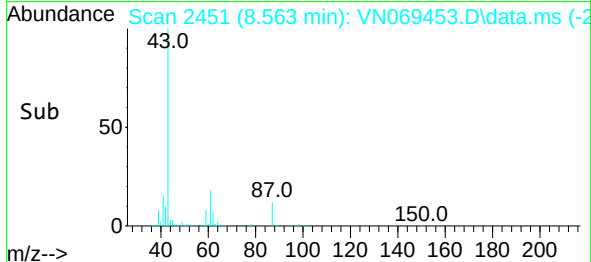
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



Tgt Ion: 43 Resp: 626079
Ion Ratio Lower Upper
43 100
61 22.6 20.4 30.6
87 11.0 11.2 16.8

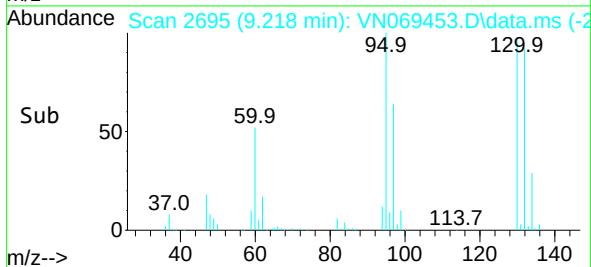
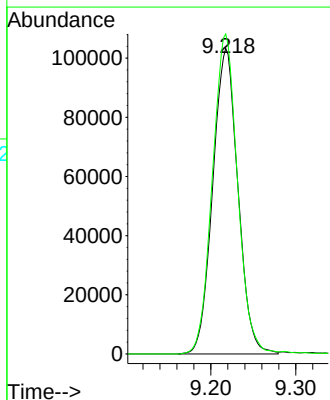
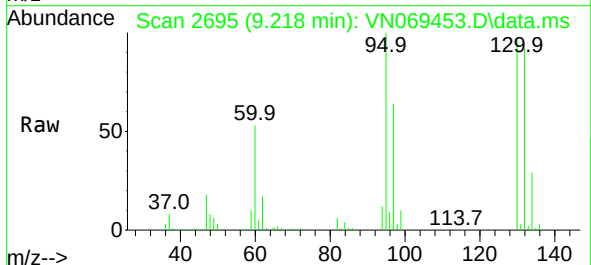
Manual Integrations
APPROVED

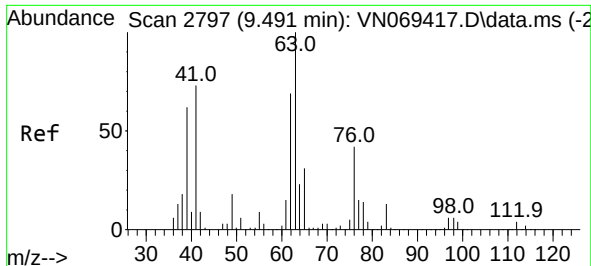
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#44
Trichloroethene
Concen: 20.914 ug/l
RT: 9.218 min Scan# 2695
Delta R.T. -0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

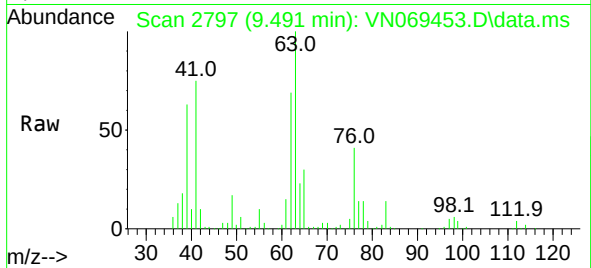
Tgt Ion:130 Resp: 212410
Ion Ratio Lower Upper
130 100
95 104.7 0.0 191.2





#45
1,2-Dichloropropane
Concen: 21.185 ug/l
RT: 9.491 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

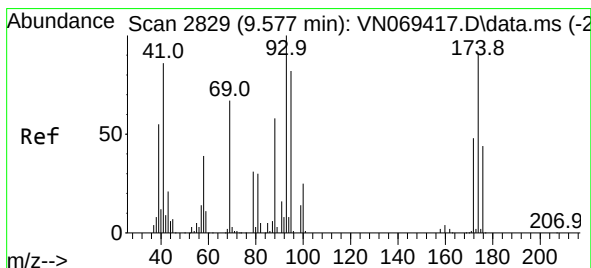
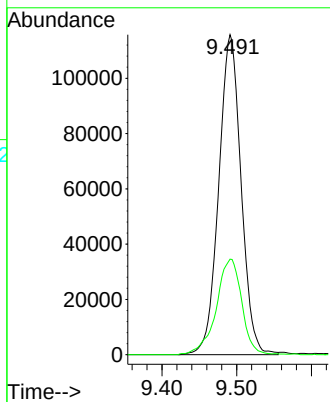
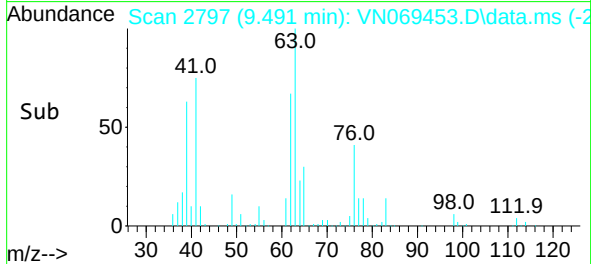
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



Tgt Ion: 63 Resp: 240194
Ion Ratio Lower Upper
63 100
65 29.9 24.7 37.1

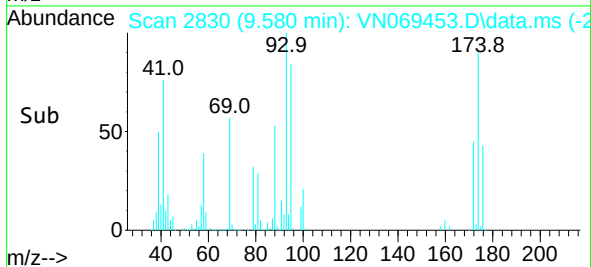
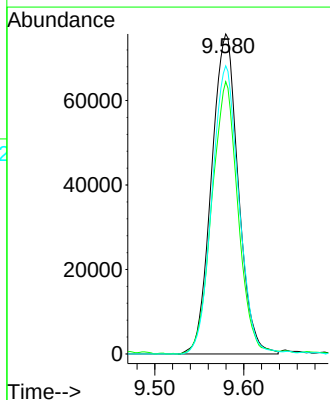
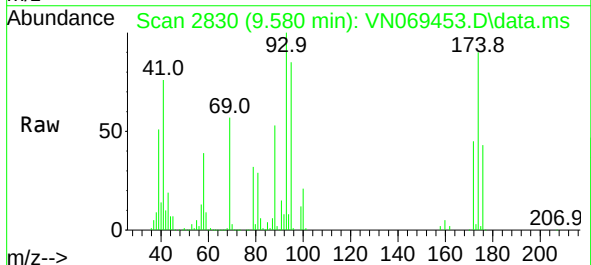
Manual Integrations
APPROVED

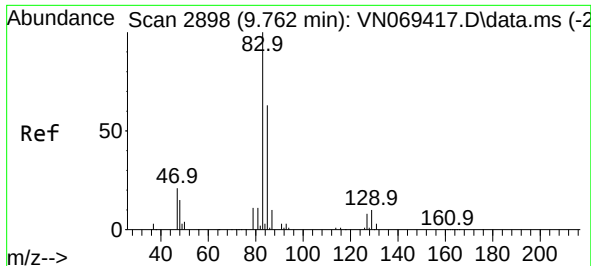
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#46
Dibromomethane
Concen: 20.843 ug/l
RT: 9.580 min Scan# 2830
Delta R.T. 0.003 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

Tgt Ion: 93 Resp: 158283
Ion Ratio Lower Upper
93 100
95 83.1 65.9 98.9
174 90.1 84.6 127.0





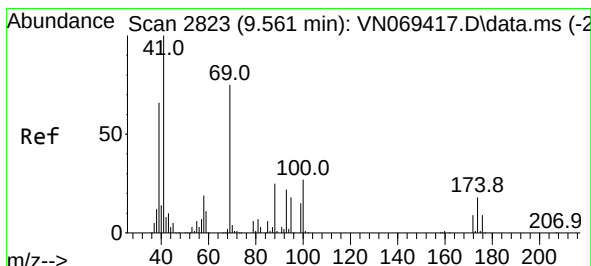
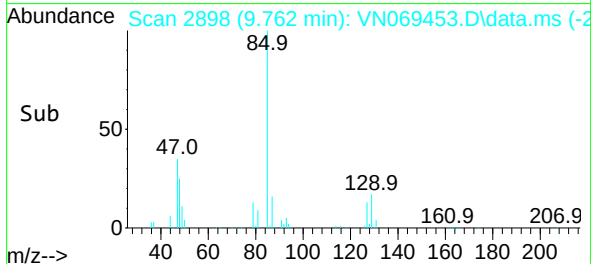
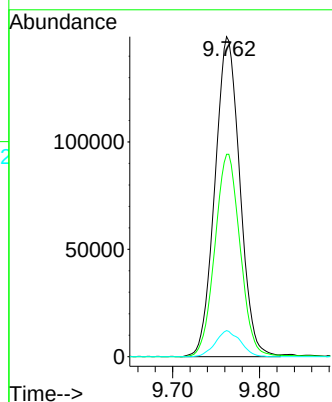
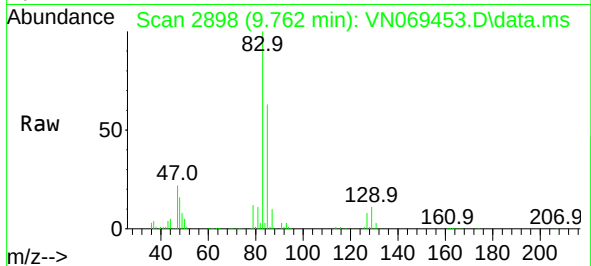
#47
Bromodichloromethane
Concen: 20.973 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion: 83 Resp: 297214
Ion Ratio Lower Upper
83 100
85 63.3 50.9 76.3
127 8.2 7.1 10.7

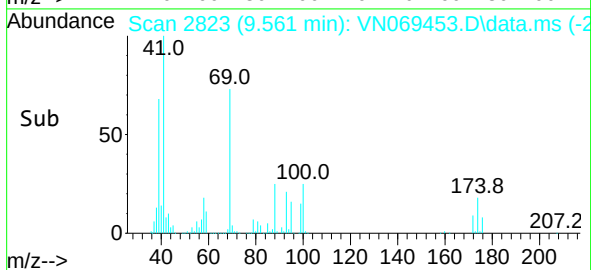
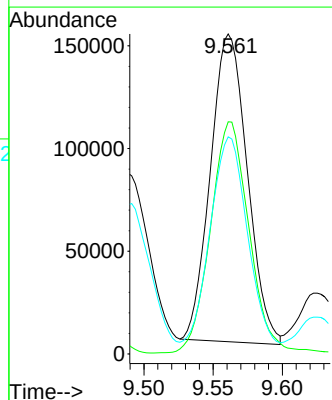
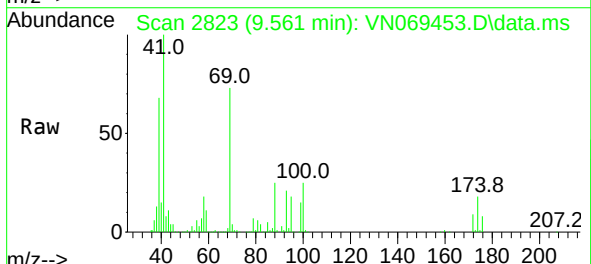
Manual Integrations
APPROVED

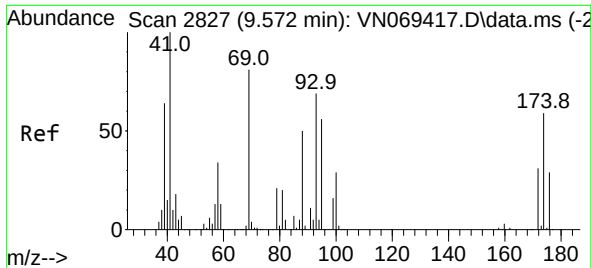
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#48
Methyl methacrylate
Concen: 19.771 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

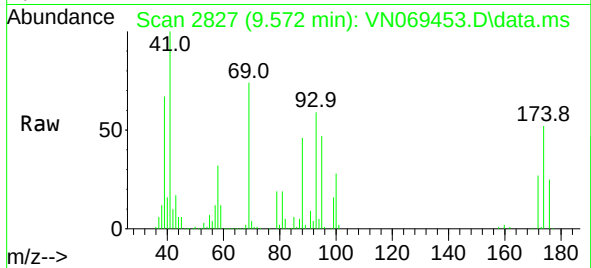
Tgt Ion: 41 Resp: 277665
Ion Ratio Lower Upper
41 100
69 79.4 72.4 108.6
39 72.5 58.4 87.6





#49
1,4-Dioxane
Concen: 406.170 ug/l
RT: 9.572 min Scan# 2827
Delta R.T. -0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

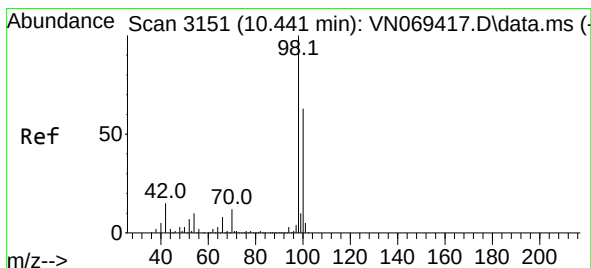
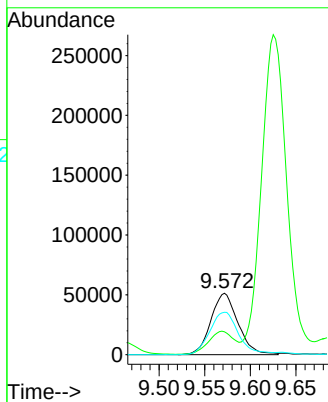
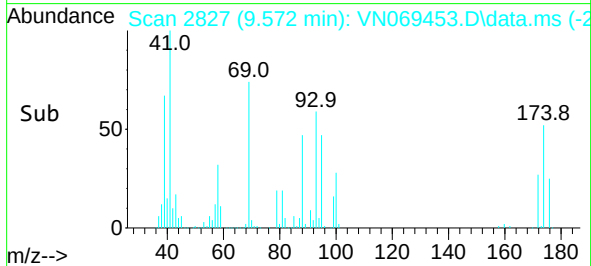
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



Tgt Ion: 88 Resp: 106330
Ion Ratio Lower Upper
88 100
43 35.0 23.4 35.2
58 73.4 50.6 75.8

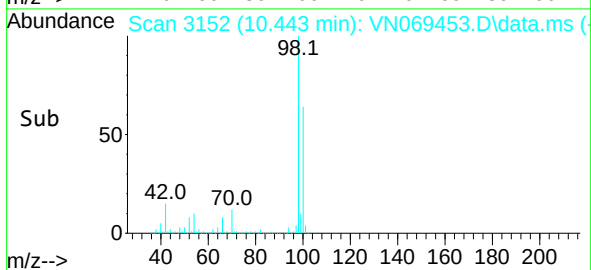
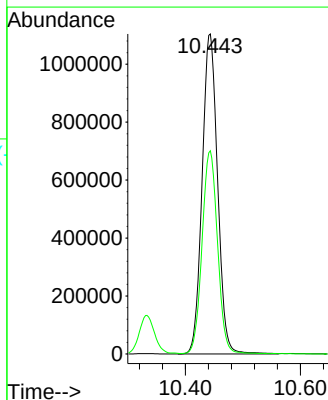
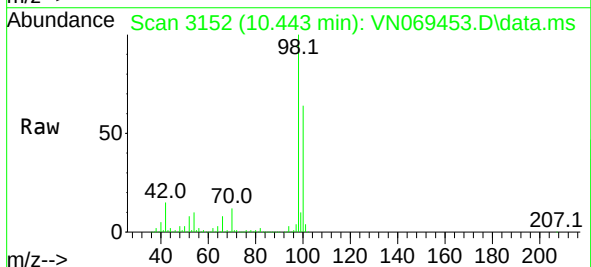
Manual Integrations
APPROVED

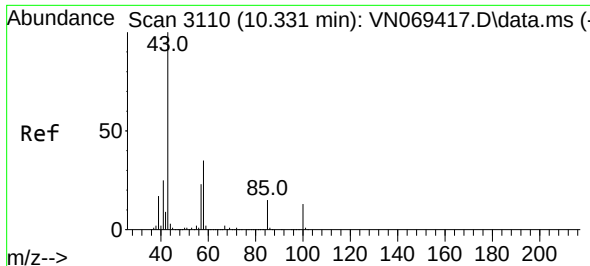
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#50
Toluene-d8
Concen: 53.471 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.002 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

Tgt Ion: 98 Resp: 2060830
Ion Ratio Lower Upper
98 100
100 63.0 50.4 75.6





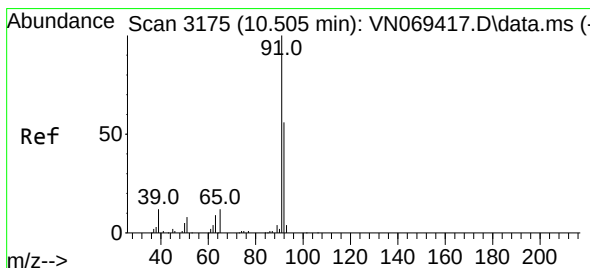
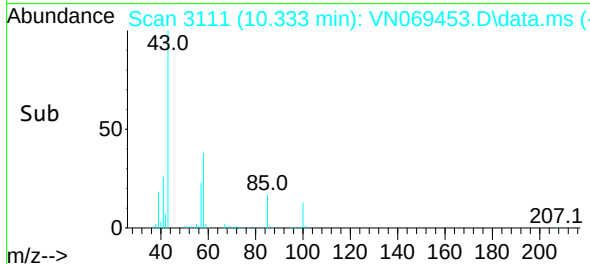
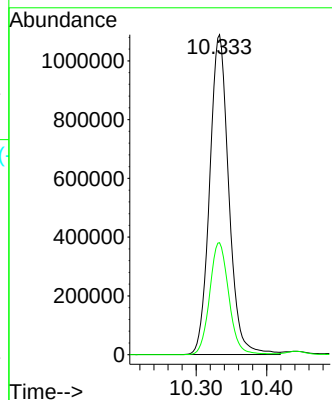
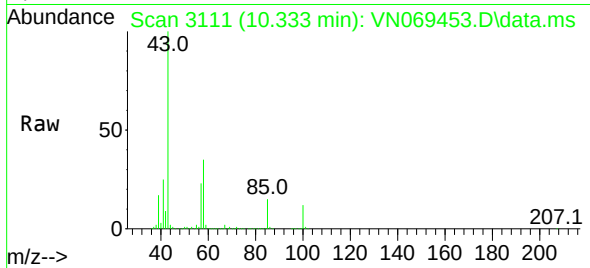
#51
4-Methyl-2-Pentanone
Concen: 106.422 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion: 43 Resp: 205055
Ion Ratio Lower Upper
43 100
58 35.1 30.4 45.6

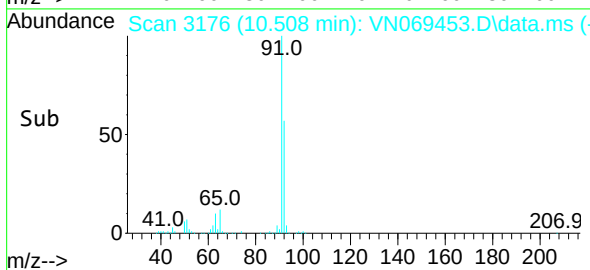
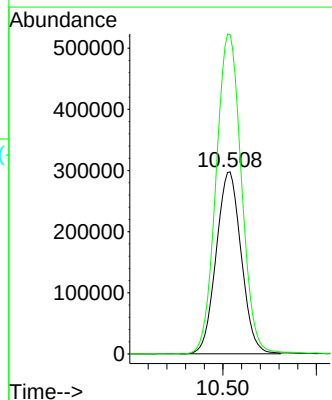
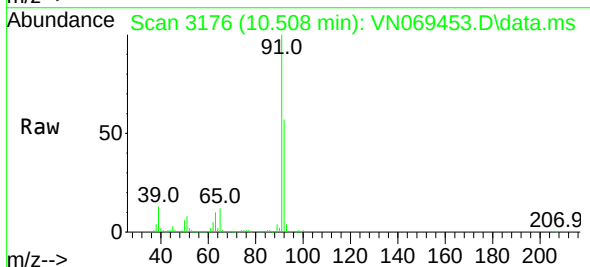
Manual Integrations
APPROVED

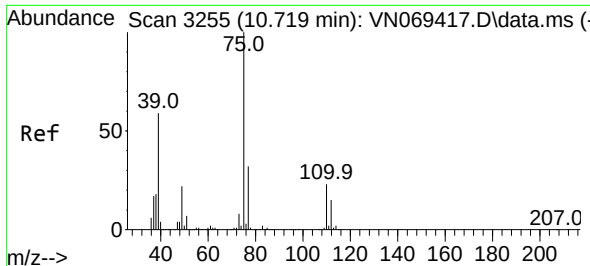
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#52
Toluene
Concen: 20.941 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.003 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

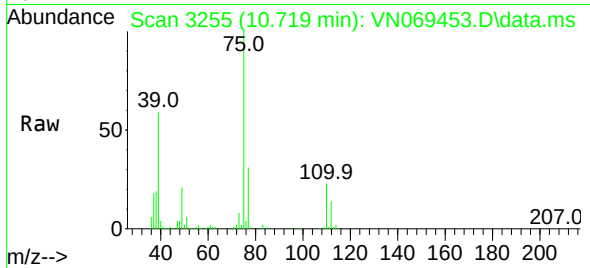
Tgt Ion: 92 Resp: 553619
Ion Ratio Lower Upper
92 100
91 179.0 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 18.837 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

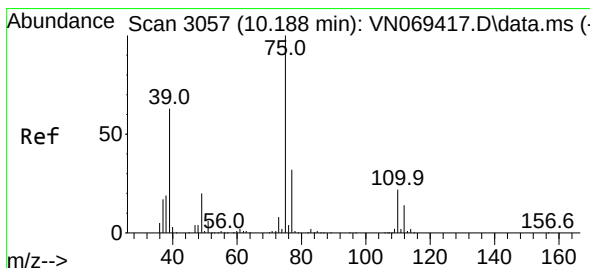
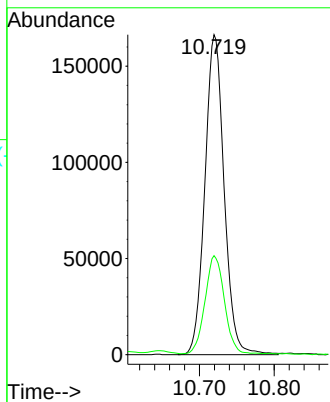
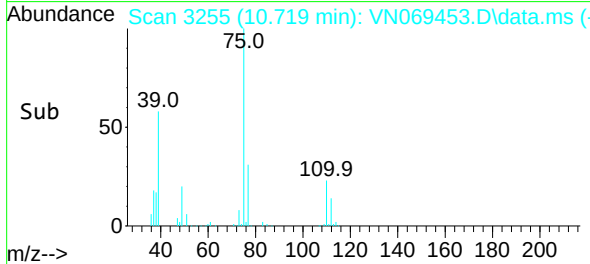
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



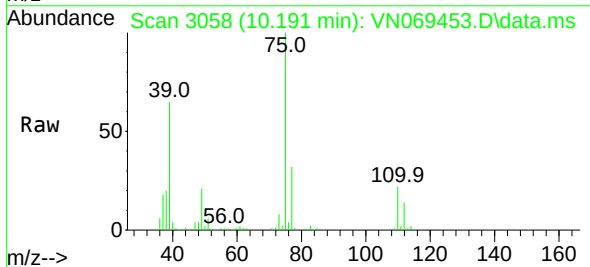
Tgt Ion: 75 Resp: 297969
Ion Ratio Lower Upper
75 100
77 30.6 25.6 38.4

Manual Integrations
APPROVED

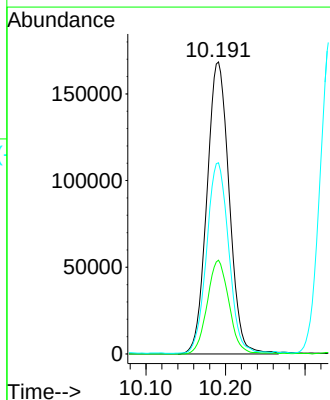
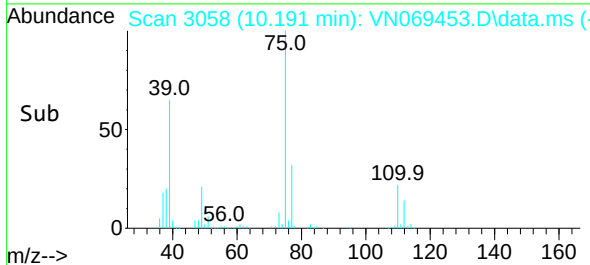
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

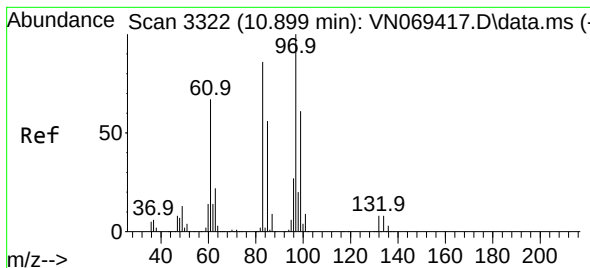


#54
cis-1,3-Dichloropropene
Concen: 18.975 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.003 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15



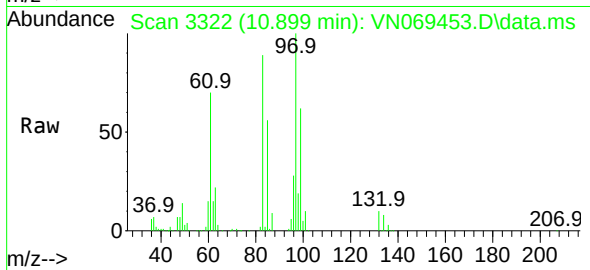
Tgt Ion: 75 Resp: 327936
Ion Ratio Lower Upper
75 100
77 32.1 26.4 39.6
39 65.2 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 21.343 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

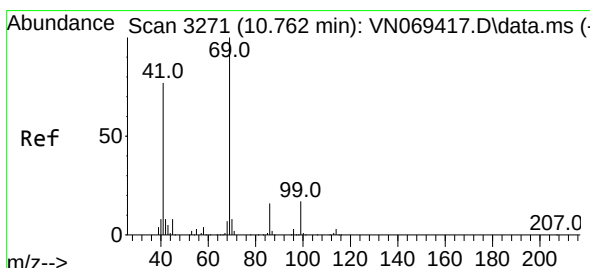
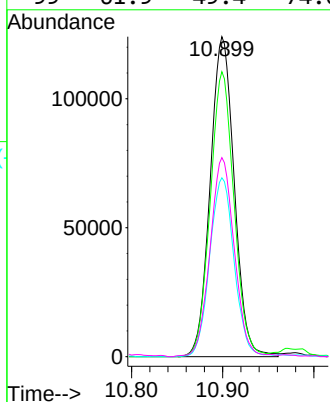
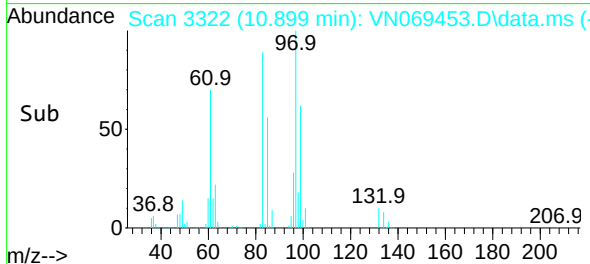


Tgt Ion: 97 Resp: 227448

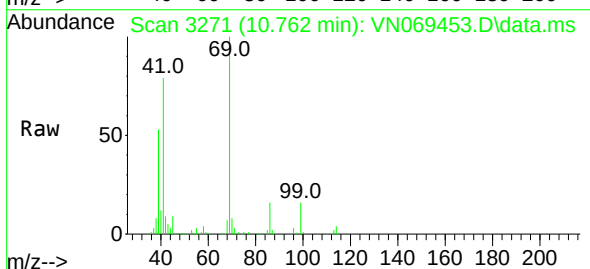
Ion	Ratio	Lower	Upper
97	100		
83	89.0	67.8	101.6
85	55.8	45.4	68.2
99	61.9	49.4	74.0

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

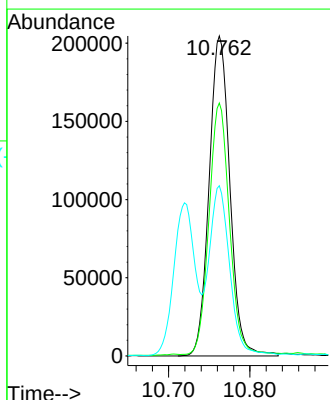
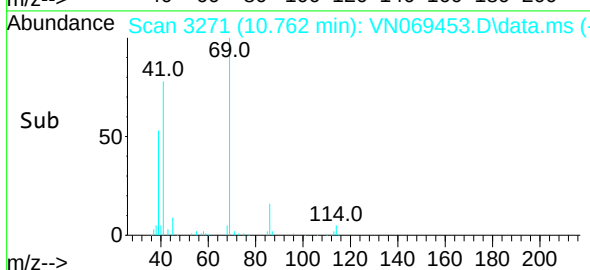


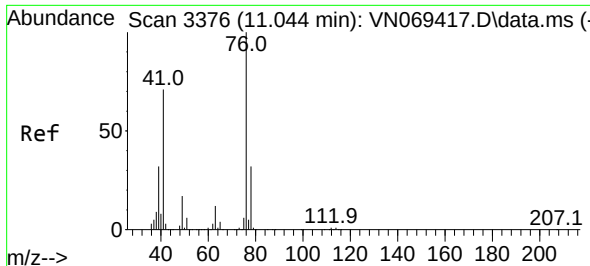
#56
Ethyl methacrylate
Concen: 19.414 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15



Tgt Ion: 69 Resp: 363605

Ion	Ratio	Lower	Upper
69	100		
41	77.2	51.4	77.0#
39	51.7	34.6	52.0





#57

1,3-Dichloropropane

Concen: 21.206 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN069453.D

Acq: 11 Nov 2021 13:15

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

Tgt Ion: 76 Resp: 39711

Ion Ratio Lower Upper

76 100

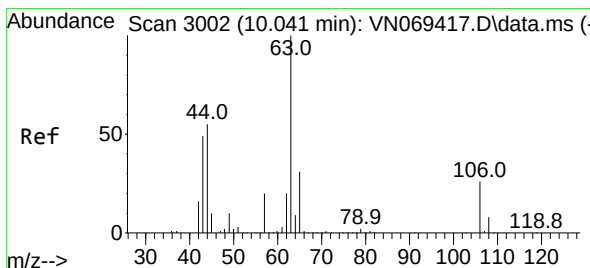
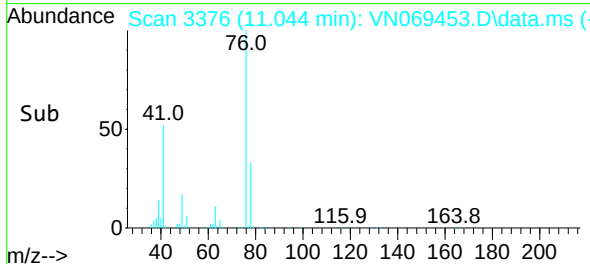
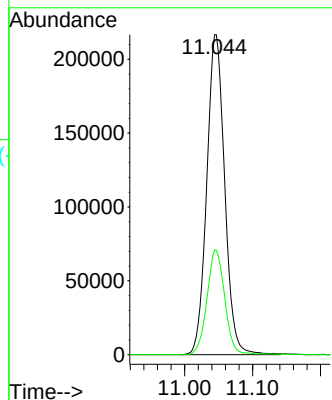
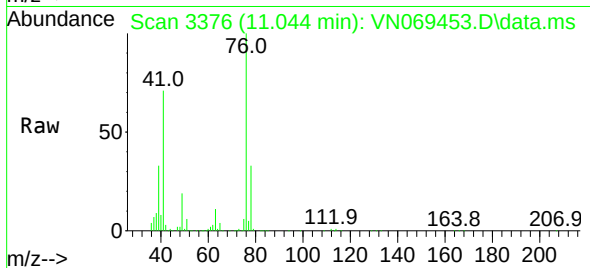
78 32.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#58

2-Chloroethyl Vinyl ether

Concen: 84.720 ug/l

RT: 10.044 min Scan# 3003

Delta R.T. 0.003 min

Lab File: VN069453.D

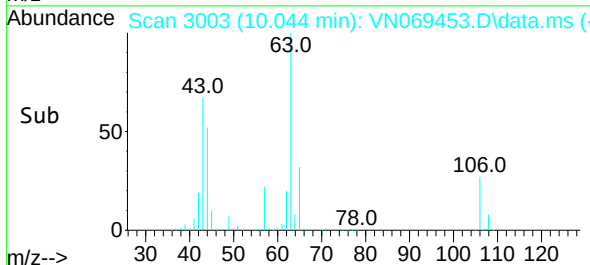
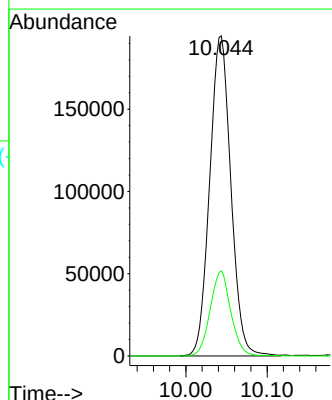
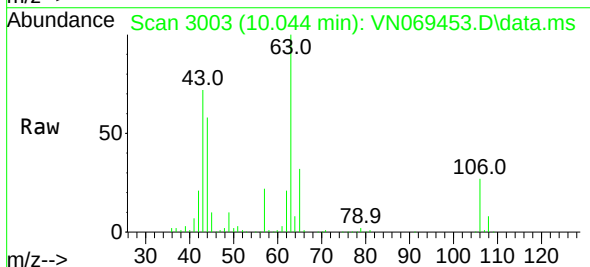
Acq: 11 Nov 2021 13:15

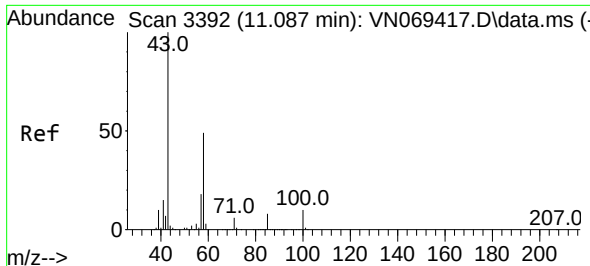
Tgt Ion: 63 Resp: 351969

Ion Ratio Lower Upper

63 100

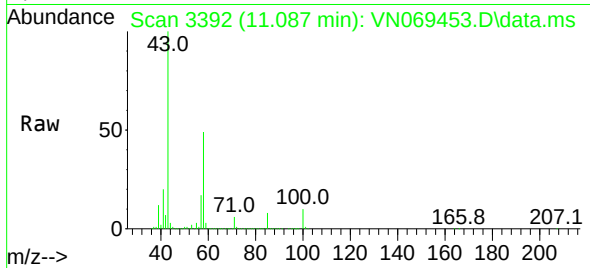
106 25.8 23.9 35.9





#59
2-Hexanone
Concen: 94.936 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

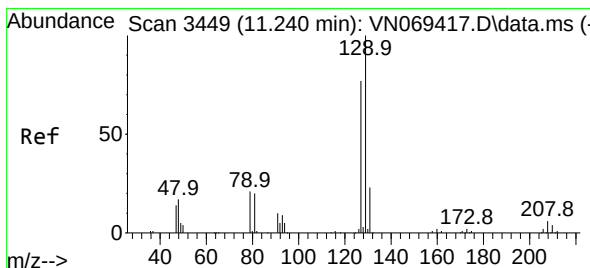
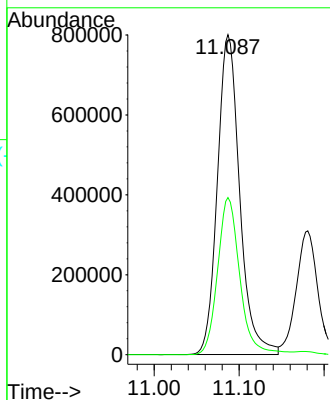
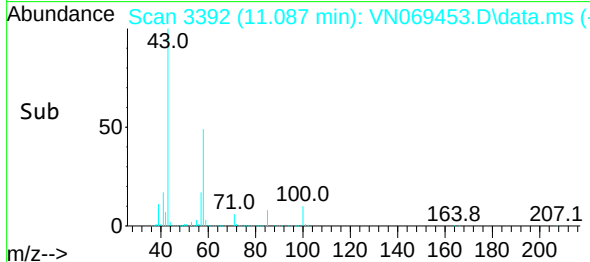
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



Tgt Ion: 43 Resp: 1461730
Ion Ratio Lower Upper
43 100
58 49.0 26.9 80.7

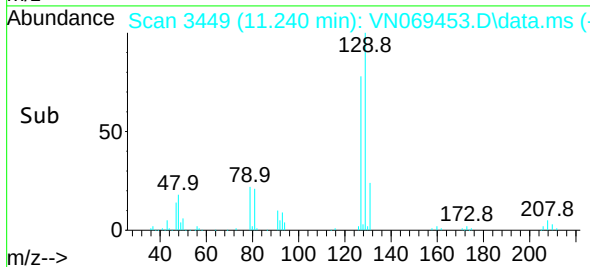
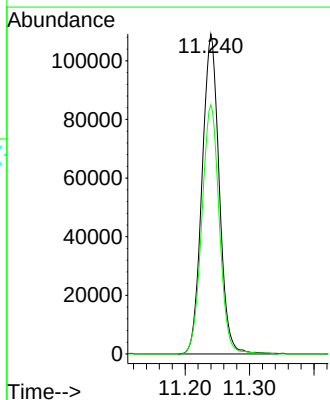
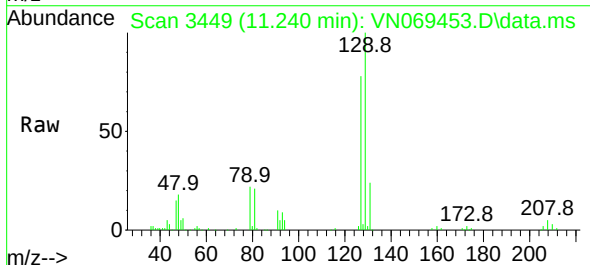
Manual Integrations
APPROVED

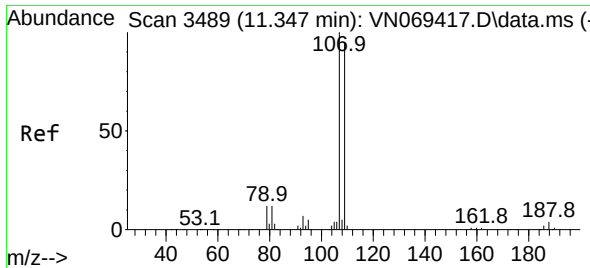
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#60
Dibromochloromethane
Concen: 18.843 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

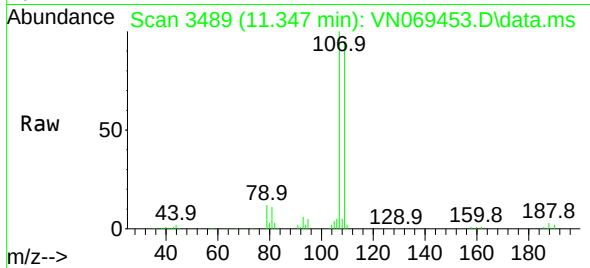
Tgt Ion:129 Resp: 201895
Ion Ratio Lower Upper
129 100
127 79.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.554 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

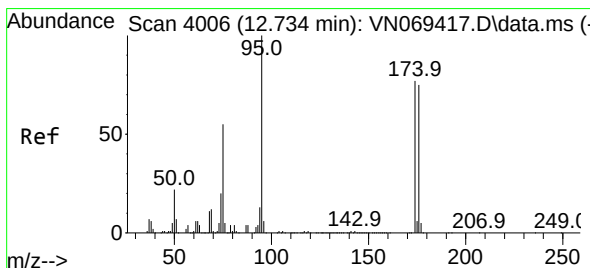
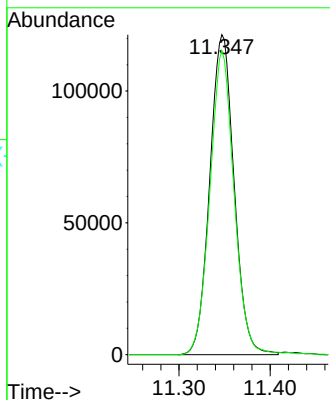
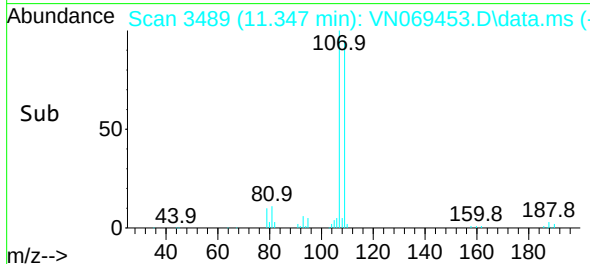
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



Tgt Ion:107 Resp: 224674
Ion Ratio Lower Upper
107 100
109 94.0 75.7 113.5

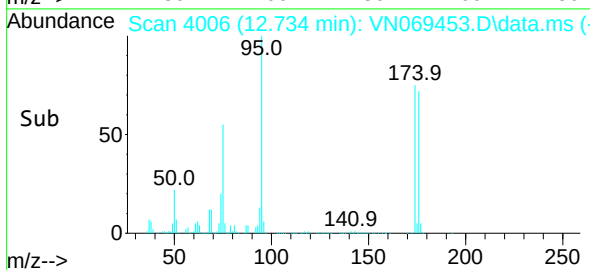
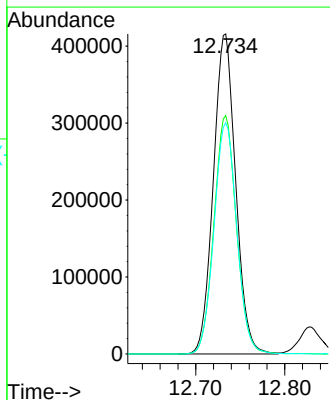
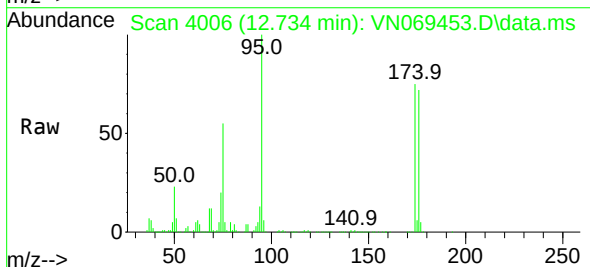
Manual Integrations
APPROVED

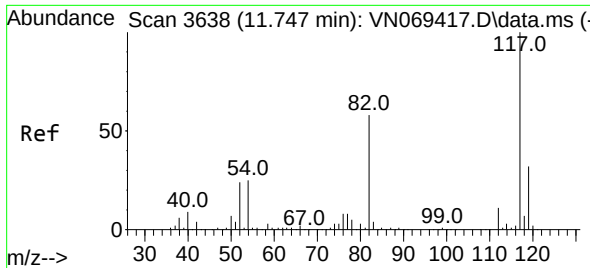
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#62
4-Bromofluorobenzene
Concen: 51.167 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

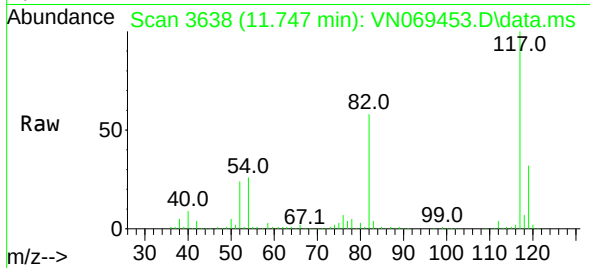
Tgt Ion: 95 Resp: 724458
Ion Ratio Lower Upper
95 100
174 75.3 0.0 187.2
176 73.8 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

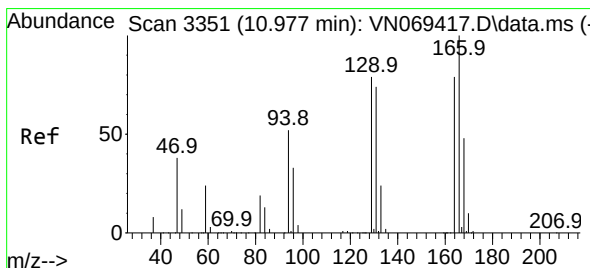
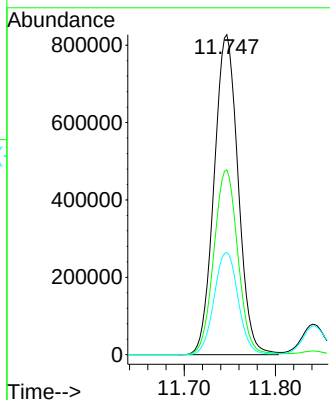
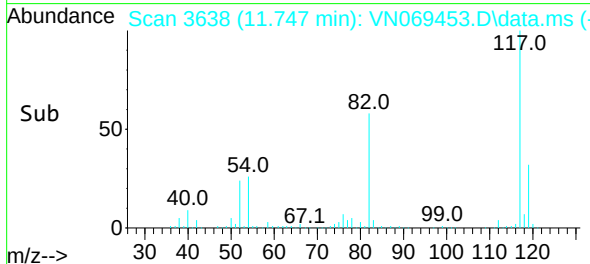
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



Tgt Ion:117 Resp: 1514775
Ion Ratio Lower Upper
117 100
82 57.8 42.4 63.6
119 32.0 25.4 38.2

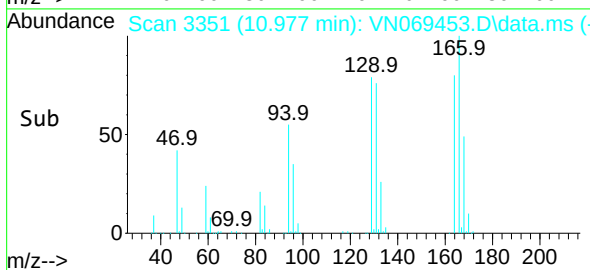
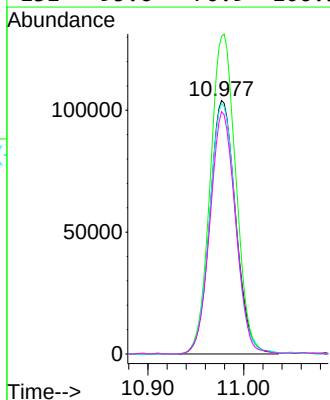
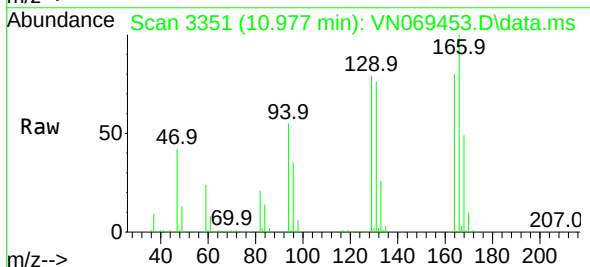
Manual Integrations
APPROVED

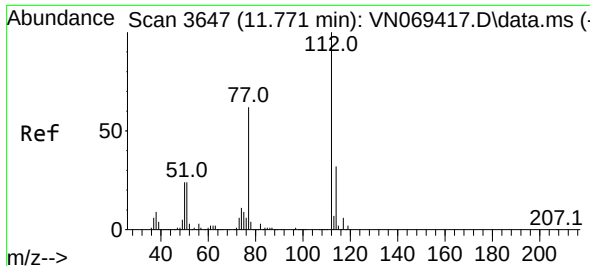
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#64
Tetrachloroethene
Concen: 21.242 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

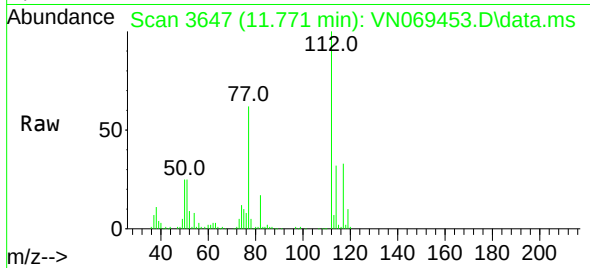
Tgt Ion:164 Resp: 194283
Ion Ratio Lower Upper
164 100
166 125.3 101.9 152.9
129 98.8 72.0 108.0
131 95.6 70.9 106.3





#65
Chlorobenzene
Concen: 21.023 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

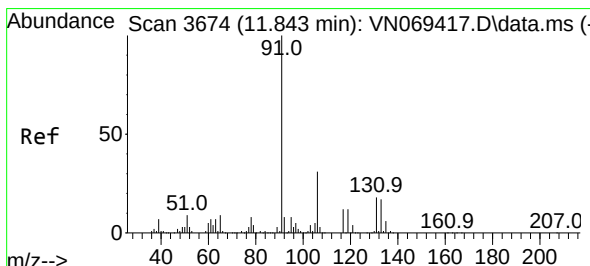
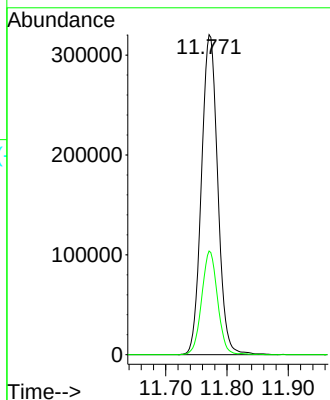
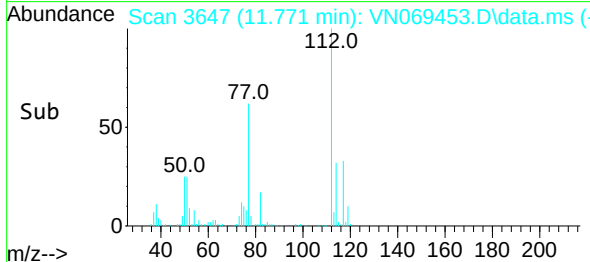
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



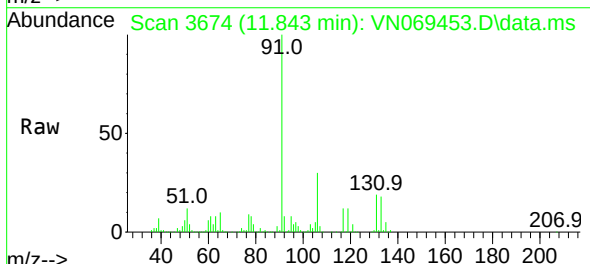
Tgt Ion:112 Resp: 592750
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.0

Manual Integrations
APPROVED

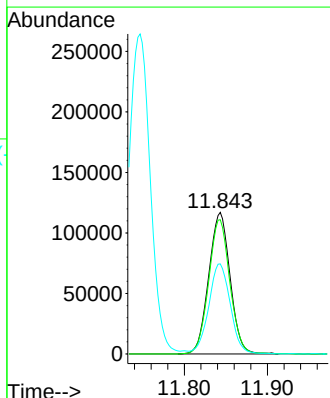
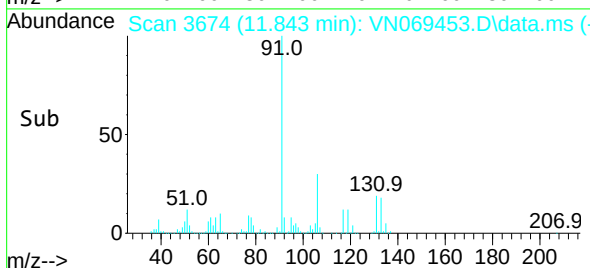
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

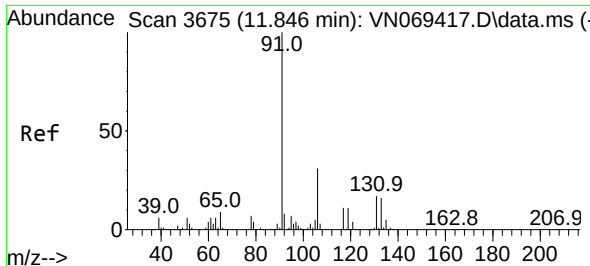


#66
1,1,1,2-Tetrachloroethane
Concen: 21.364 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15



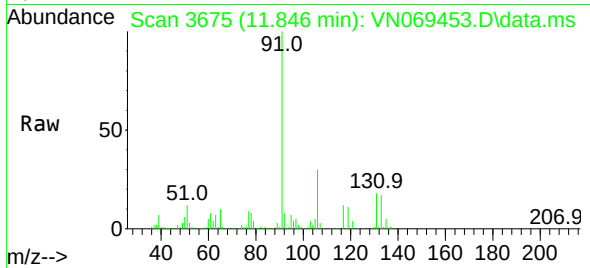
Tgt Ion:131 Resp: 208929
Ion Ratio Lower Upper
131 100
133 94.3 47.9 143.7
119 64.1 32.1 96.5





#67
Ethyl Benzene
Concen: 21.141 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

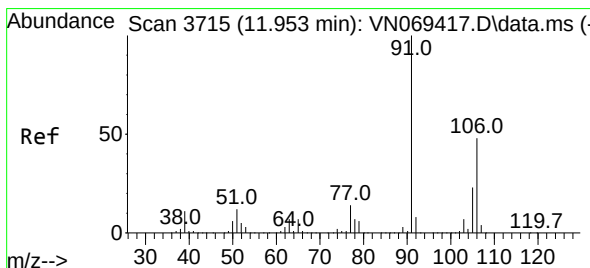
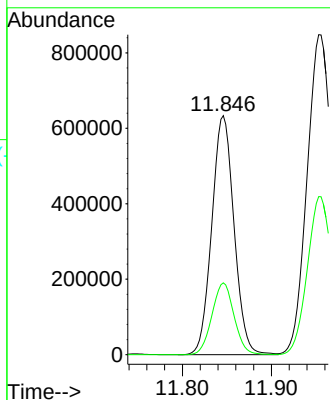
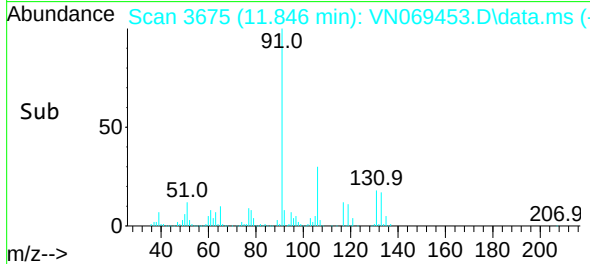
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



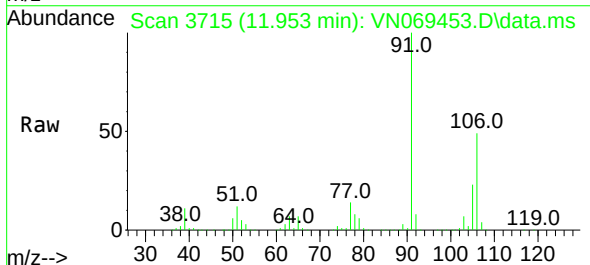
Tgt Ion: 91 Resp: 1099370
Ion Ratio Lower Upper
91 100
106 30.1 25.7 38.5

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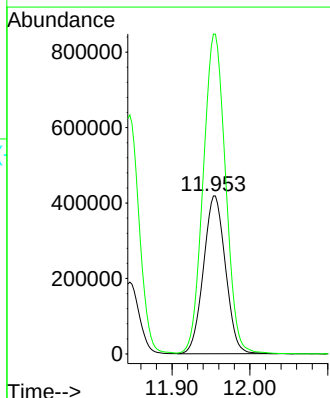
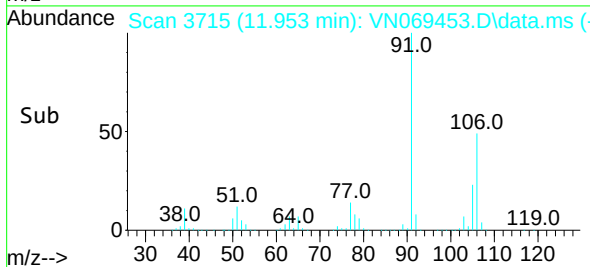
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

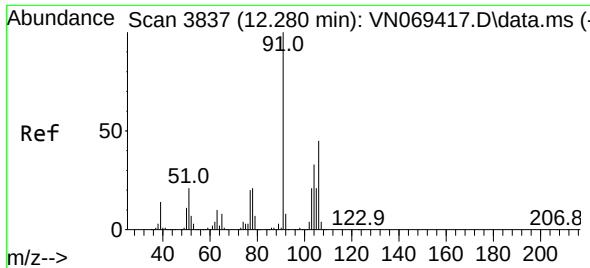


#68
m/p-Xylenes
Concen: 42.965 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15



Tgt Ion:106 Resp: 821726
Ion Ratio Lower Upper
106 100
91 206.6 160.6 240.8





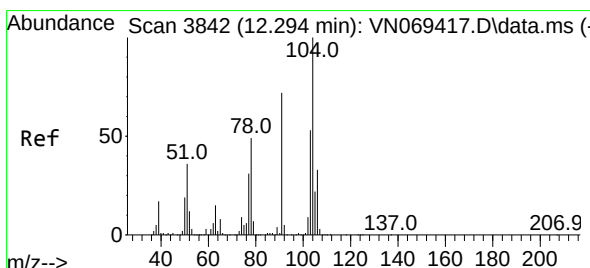
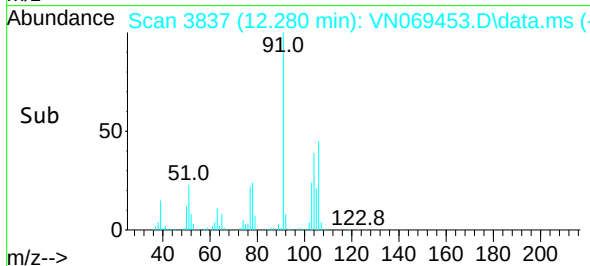
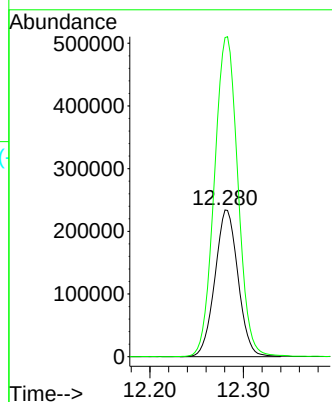
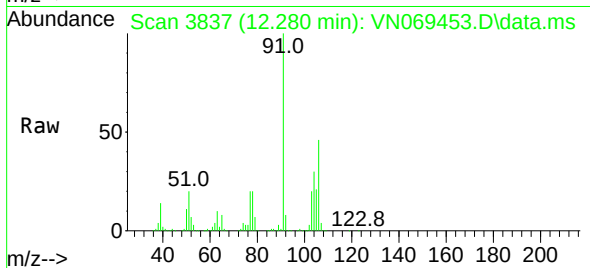
#69
o-Xylene
Concen: 21.075 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion:106 Resp: 401833
Ion Ratio Lower Upper
106 100
91 222.8 105.8 317.3

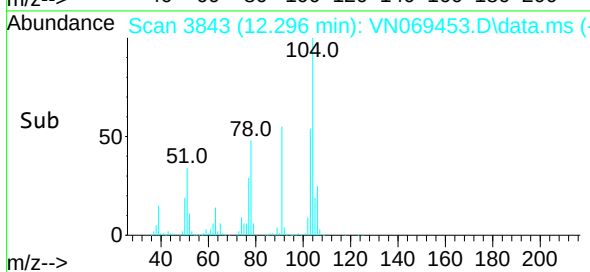
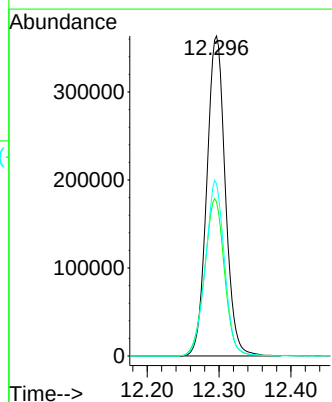
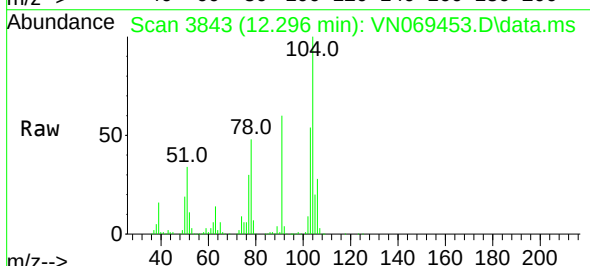
Manual Integrations
APPROVED

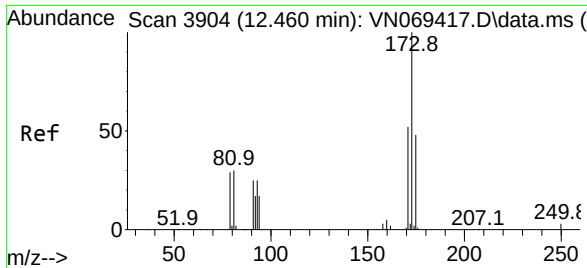
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#70
Styrene
Concen: 19.950 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.002 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

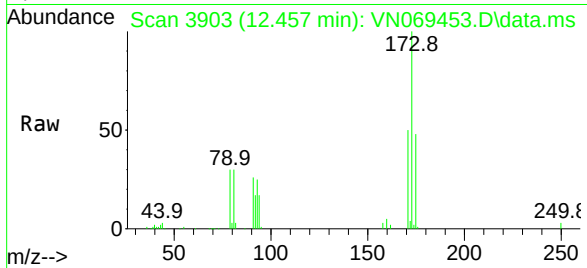
Tgt Ion:104 Resp: 650679
Ion Ratio Lower Upper
104 100
78 53.1 38.7 58.1
103 56.7 45.0 67.6





#71
Bromoform
Concen: 18.245 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

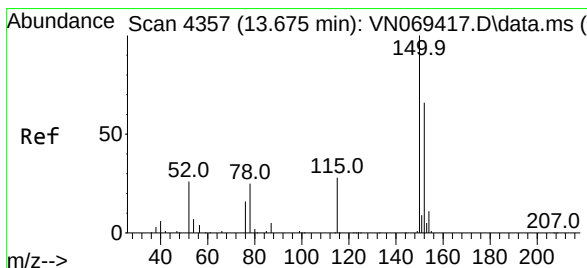
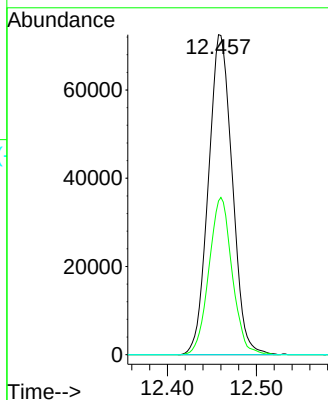
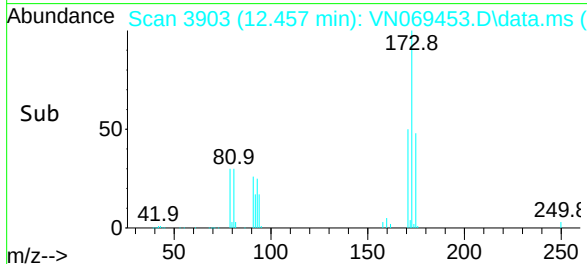
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



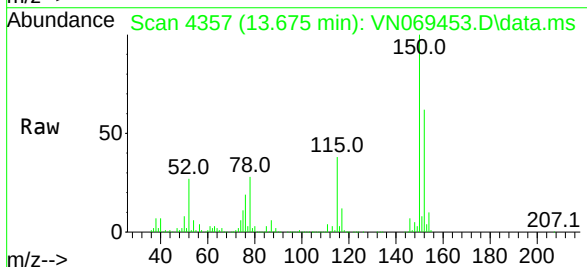
Tgt Ion:173 Resp: 135080
Ion Ratio Lower Upper
173 100
175 47.9 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

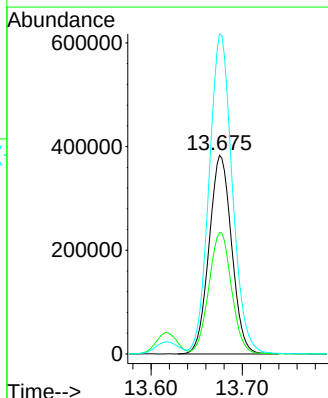
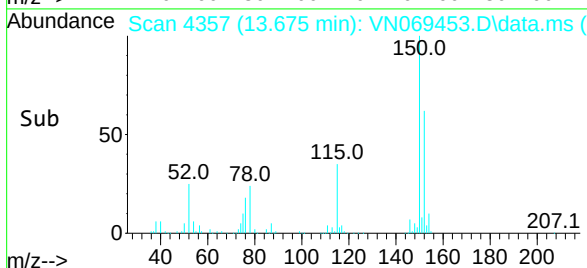
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

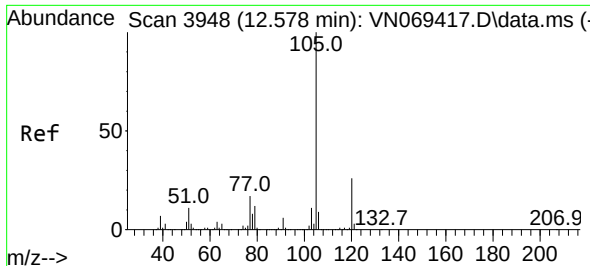


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15



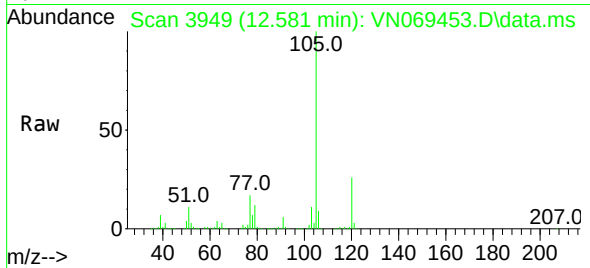
Tgt Ion:152 Resp: 659574
Ion Ratio Lower Upper
152 100
115 61.7 27.5 82.5
150 165.4 0.0 344.4





#73
Isopropylbenzene
Concen: 20.394 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.003 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

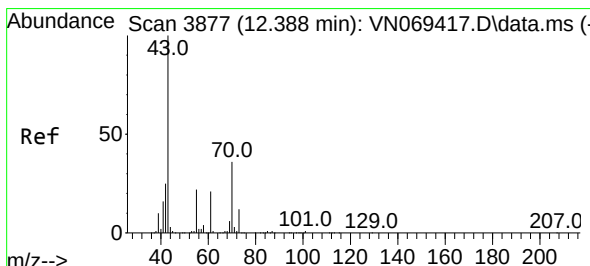
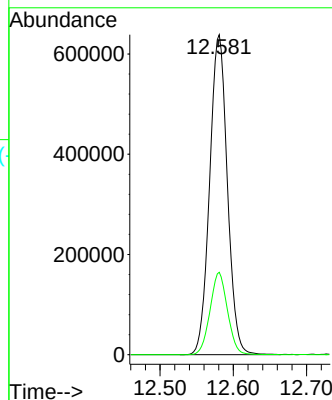
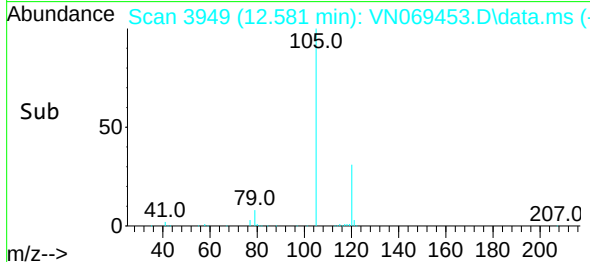
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



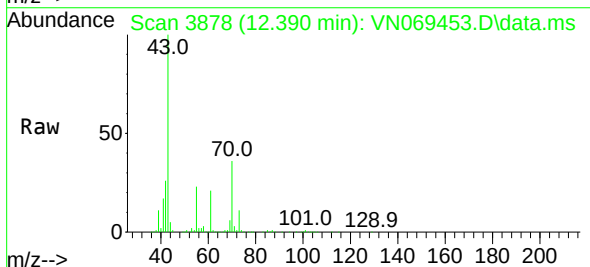
Tgt Ion:105 Resp: 1071020
Ion Ratio Lower Upper
105 100
120 25.4 13.4 40.1

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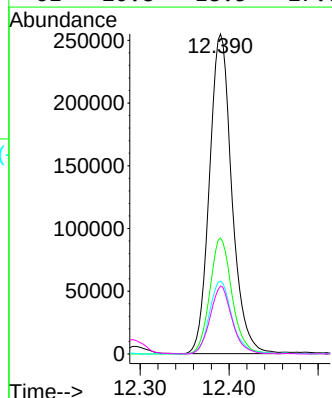
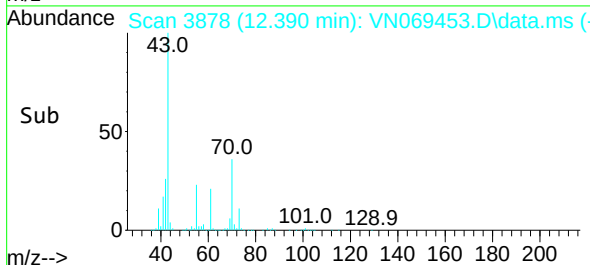
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

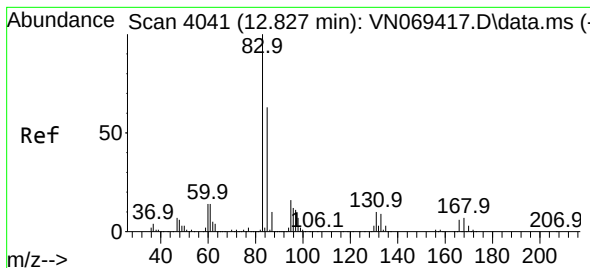


#74
N-ethyl acetate
Concen: 19.980 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.002 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15



Tgt Ion: 43 Resp: 444667
Ion Ratio Lower Upper
43 100
70 36.1 33.4 50.0
55 23.1 19.3 28.9
61 20.8 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.997 ug/l

RT: 12.827 min Scan# 4041

Delta R.T. 0.000 min

Lab File: VN069453.D

Acq: 11 Nov 2021 13:15

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

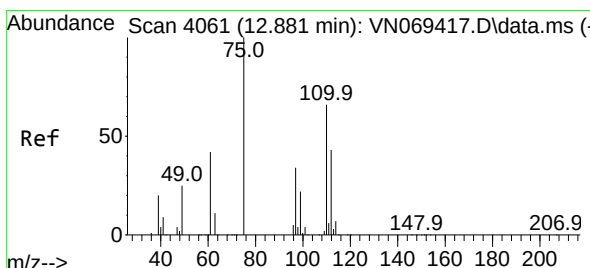
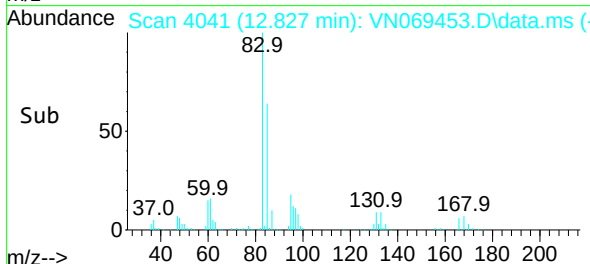
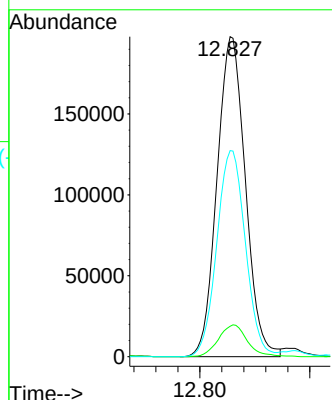
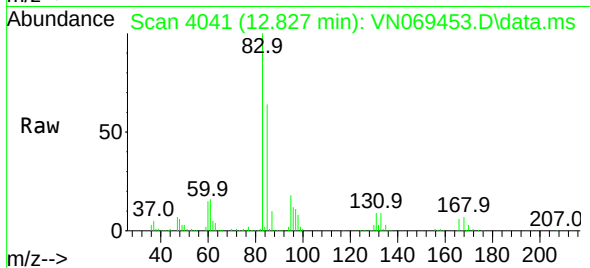
Tgt Ion: 83 Resp: 35419
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.5 16.5
 85 65.0 32.4 97.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#76

1,2,3-Trichloropropane

Concen: 21.771 ug/l m

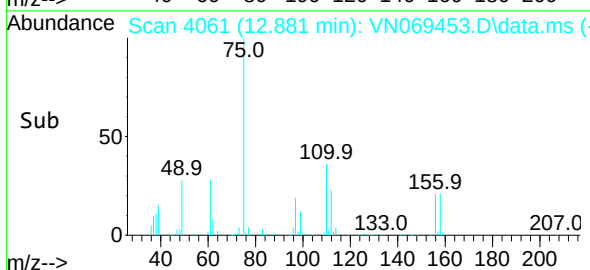
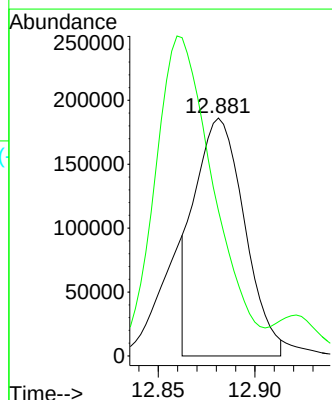
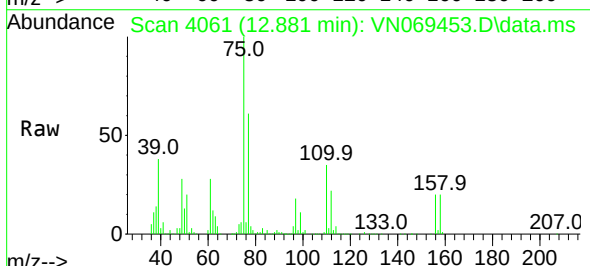
RT: 12.881 min Scan# 4061

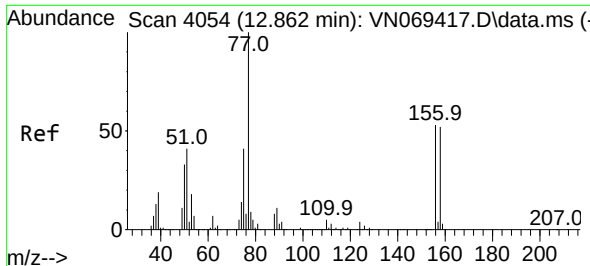
Delta R.T. 0.000 min

Lab File: VN069453.D

Acq: 11 Nov 2021 13:15

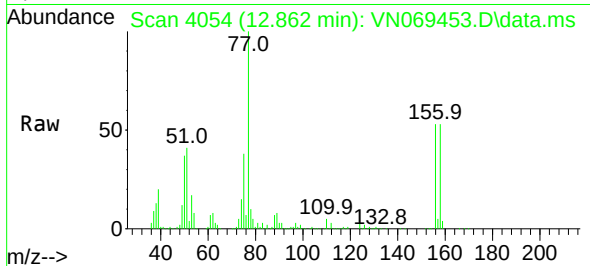
Tgt Ion: 75 Resp: 331388
 Ion Ratio Lower Upper
 75 100
 77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 19.972 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

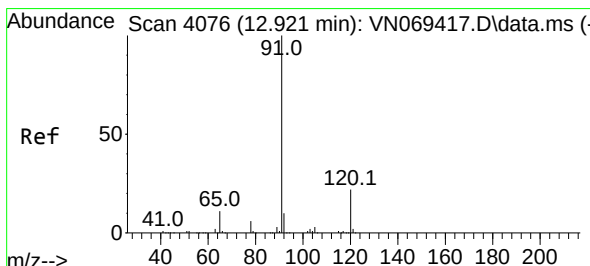
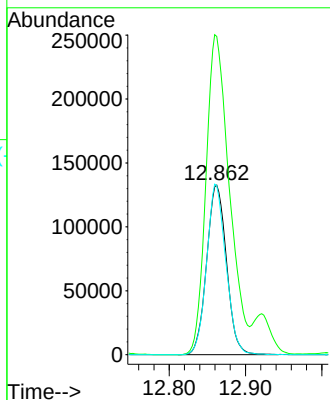
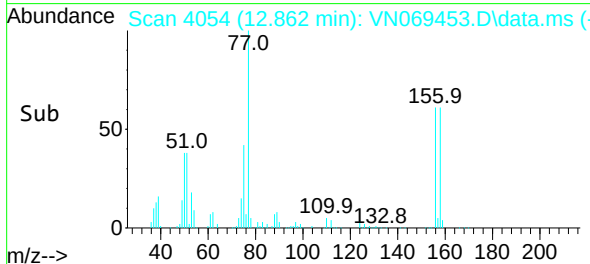
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



Tgt Ion:156 Resp: 239878
Ion Ratio Lower Upper
156 100
77 221.9 90.6 271.8
158 97.7 48.9 146.7

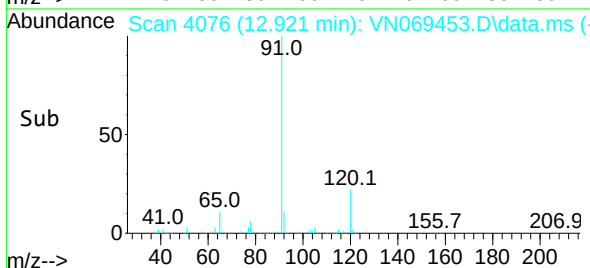
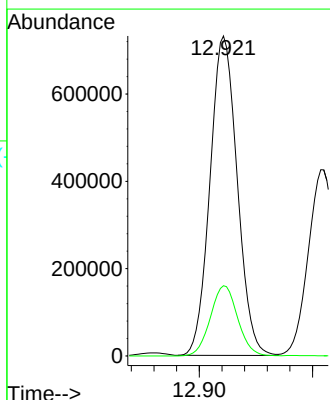
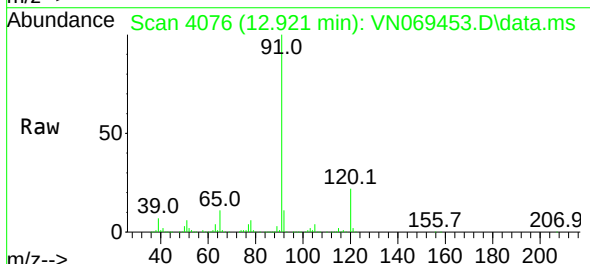
Manual Integrations
APPROVED

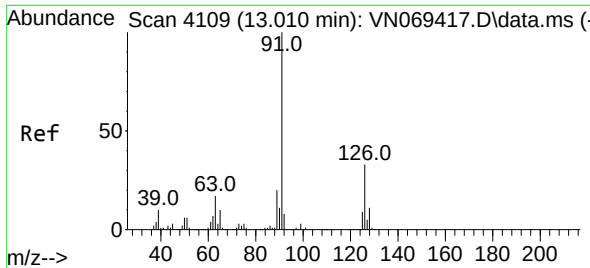
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#78
n-propylbenzene
Concen: 20.647 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

Tgt Ion: 91 Resp: 1220045
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9





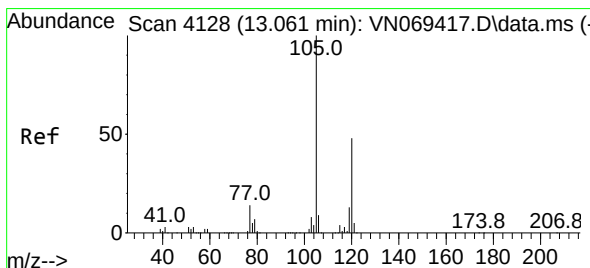
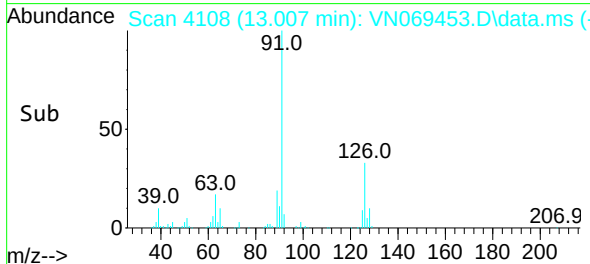
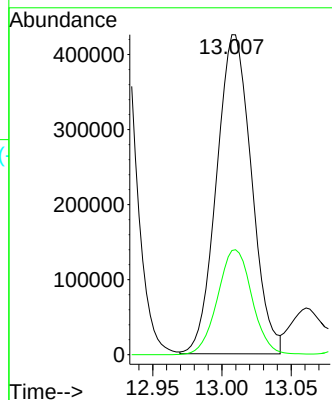
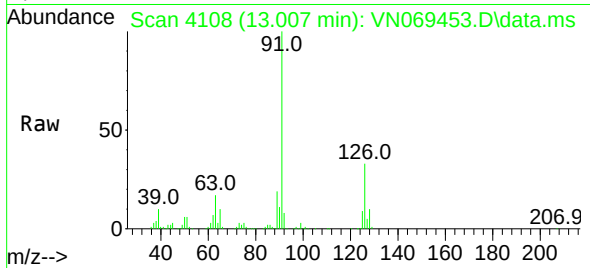
#79
2-Chlorotoluene
Concen: 20.447 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion: 91 Resp: 748110
Ion Ratio Lower Upper
91 100
126 32.5 18.3 54.8

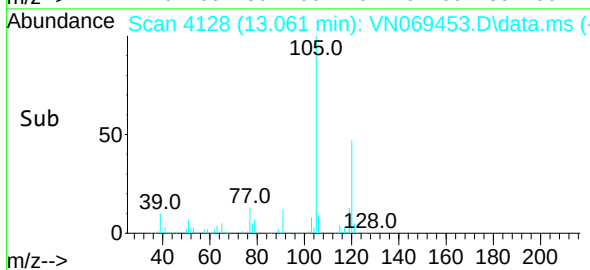
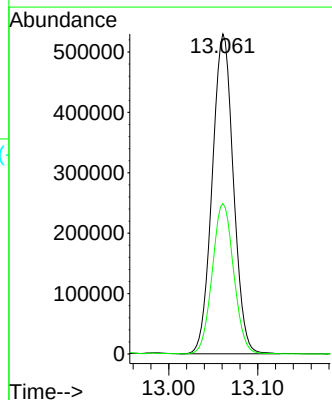
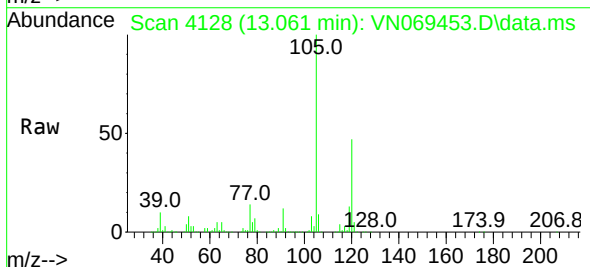
Manual Integrations
APPROVED

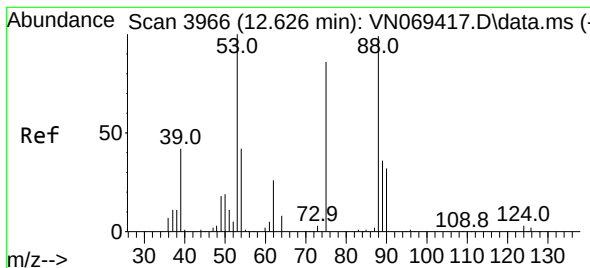
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#80
1,3,5-Trimethylbenzene
Concen: 20.593 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

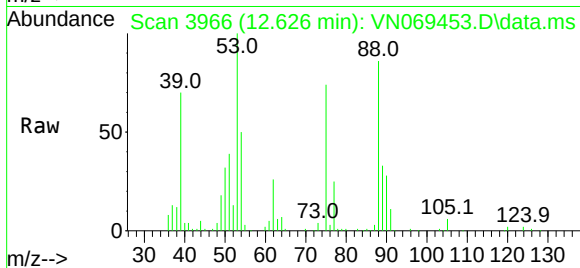
Tgt Ion:105 Resp: 874278
Ion Ratio Lower Upper
105 100
120 47.5 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 18.501 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

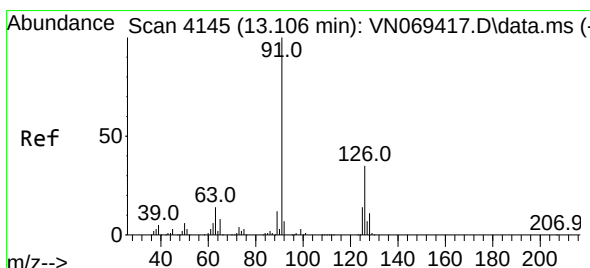
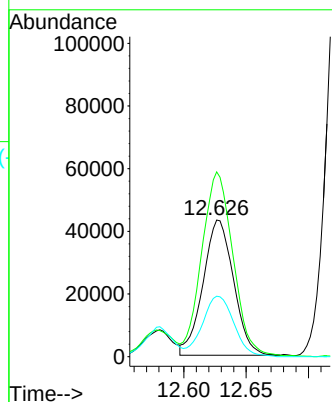
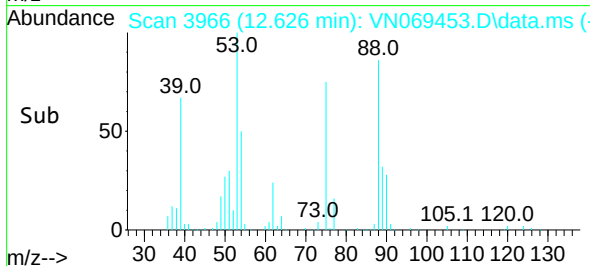
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



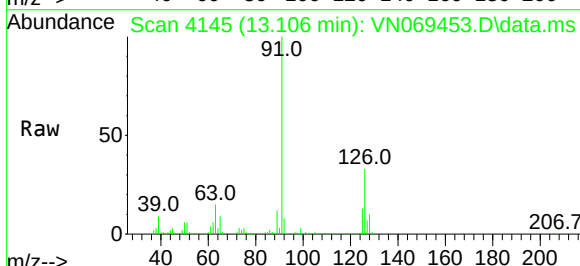
Tgt Ion: 75 Resp: 73520
Ion Ratio Lower Upper
75 100
53 141.0 90.5 135.7
89 46.4 38.2 57.4

Manual Integrations
APPROVED

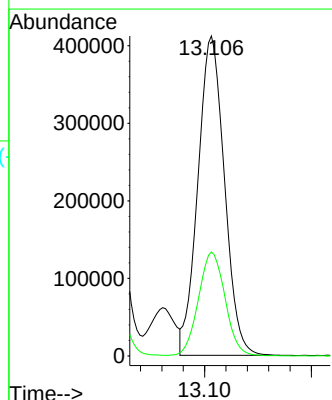
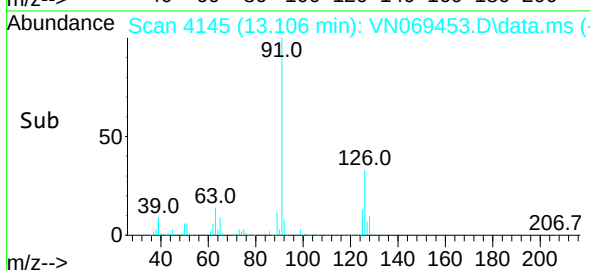
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

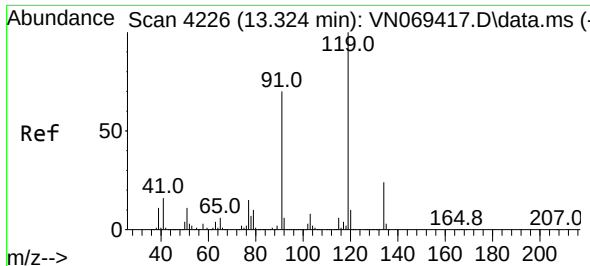


#82
4-Chlorotoluene
Concen: 20.332 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15



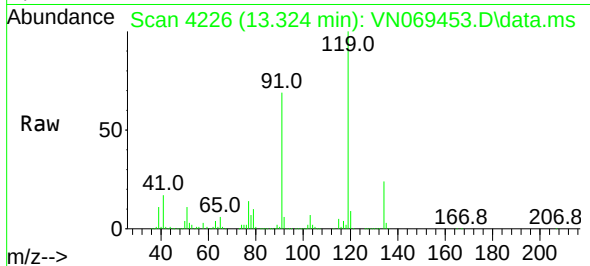
Tgt Ion: 91 Resp: 709141
Ion Ratio Lower Upper
91 100
126 32.9 18.2 54.6





#83
tert-Butylbenzene
Concen: 20.646 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. -0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

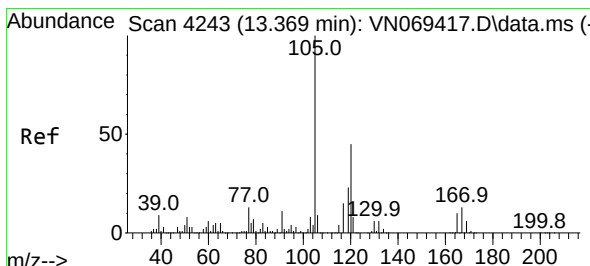
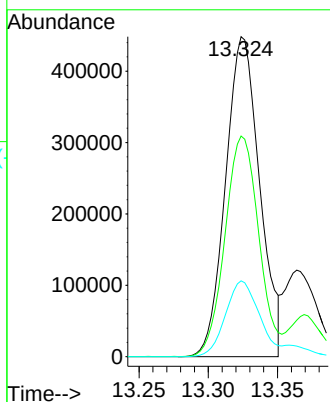
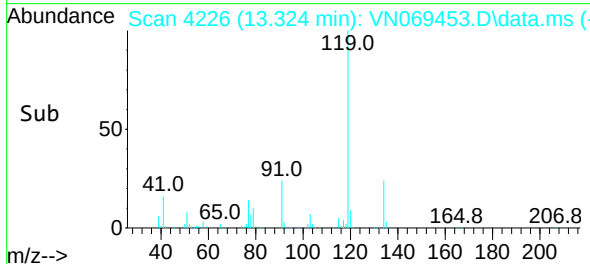
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



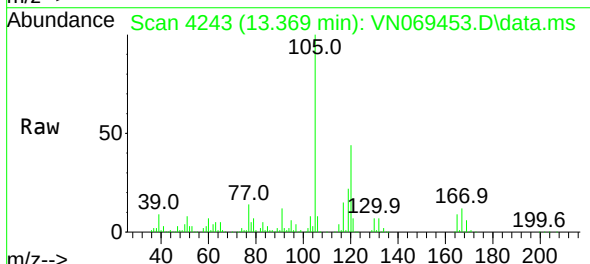
Tgt Ion:119 Resp: 76811
Ion Ratio Lower Upper
119 100
91 68.5 31.5 94.5
134 23.6 12.4 37.4

Manual Integrations
APPROVED

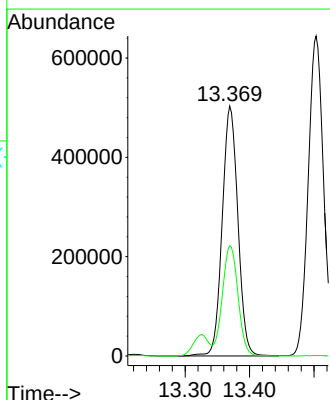
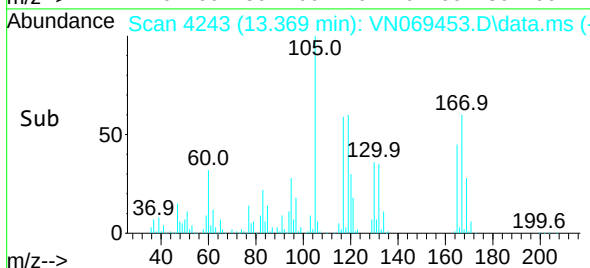
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

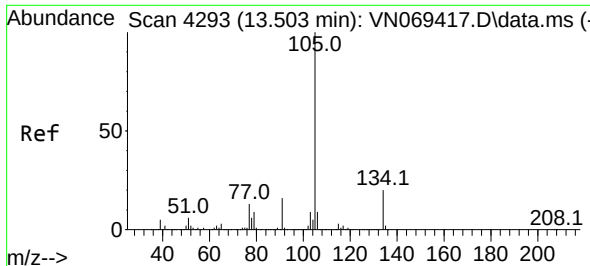


#84
1,2,4-Trimethylbenzene
Concen: 20.759 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15



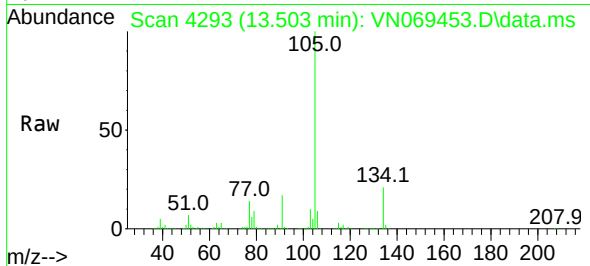
Tgt Ion:105 Resp: 850831
Ion Ratio Lower Upper
105 100
120 43.9 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 20.543 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069453.D
 Acq: 11 Nov 2021 13:15

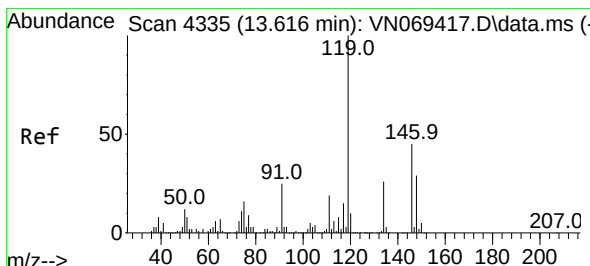
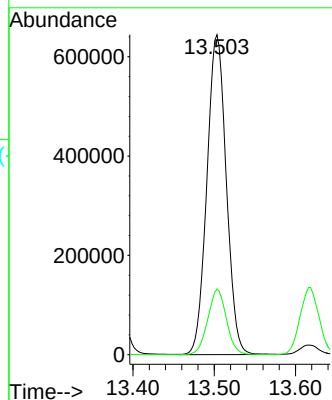
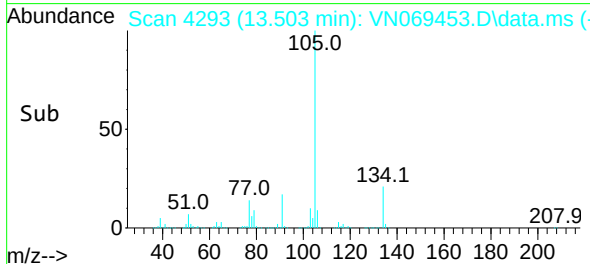
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1111WBS01



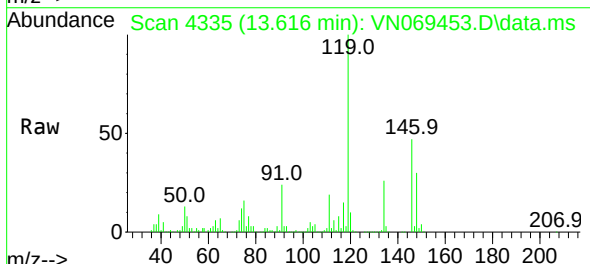
Tgt Ion:105 Resp: 1067659
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.4 31.1

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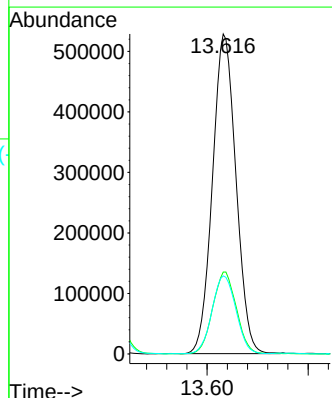
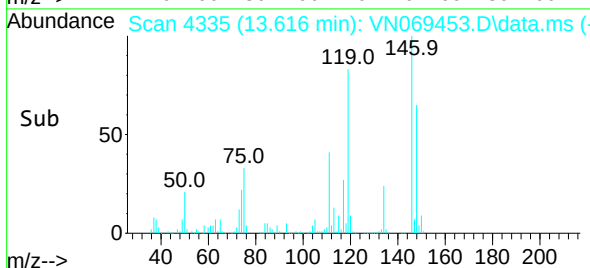
Reviewed By :John Carlone 11/12/2021
 Supervised By :Mahesh Dadoda 11/17/2021

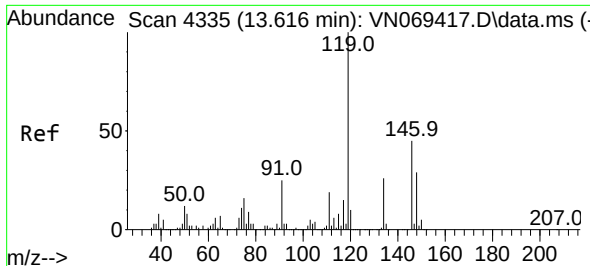


#86
 p-Isopropyltoluene
 Concen: 20.665 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069453.D
 Acq: 11 Nov 2021 13:15



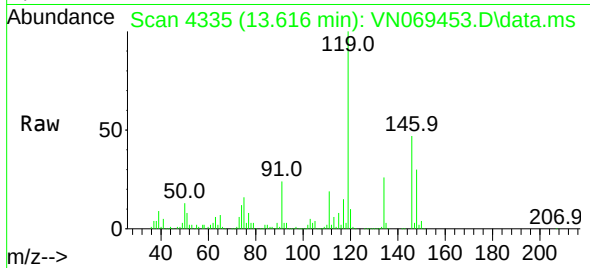
Tgt Ion:119 Resp: 852567
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 24.8 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 20.432 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

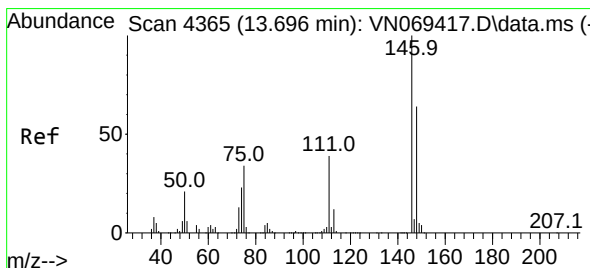
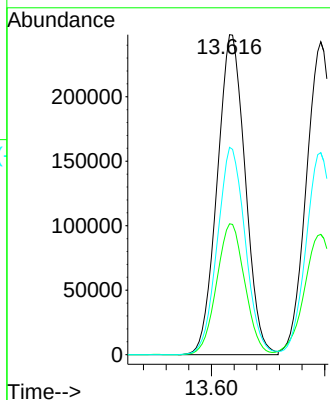
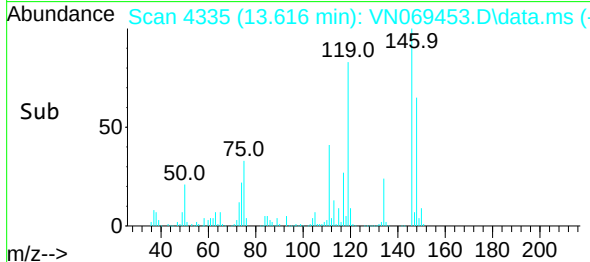
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



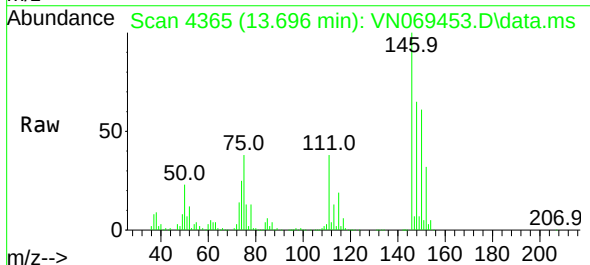
Tgt Ion:146 Resp: 425464
Ion Ratio Lower Upper
146 100
111 41.2 18.6 55.6
148 64.9 31.6 95.0

Manual Integrations
APPROVED

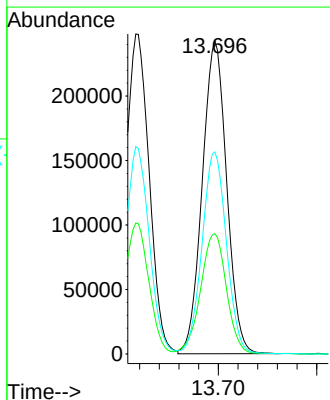
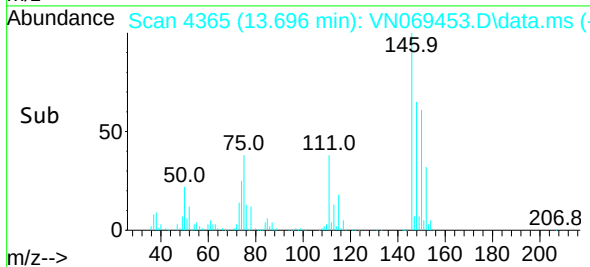
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021

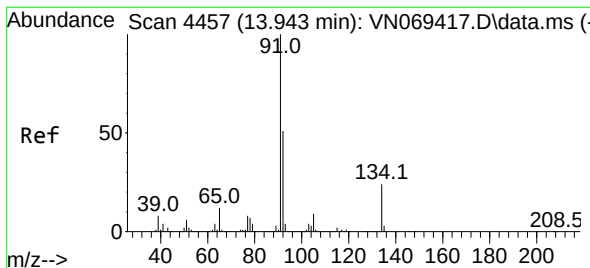


#88
1,4-Dichlorobenzene
Concen: 20.475 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15



Tgt Ion:146 Resp: 418254
Ion Ratio Lower Upper
146 100
111 40.6 18.3 54.8
148 64.7 31.8 95.4





#89

n-Butylbenzene

Concen: 19.671 ug/l

RT: 13.943 min Scan# 4457

Delta R.T. 0.000 min

Lab File: VN069453.D

Acq: 11 Nov 2021 13:15

Instrument :

MSVOA_N

ClientSampleId :

VN1111WBS01

Tgt Ion: 91 Resp: 676760

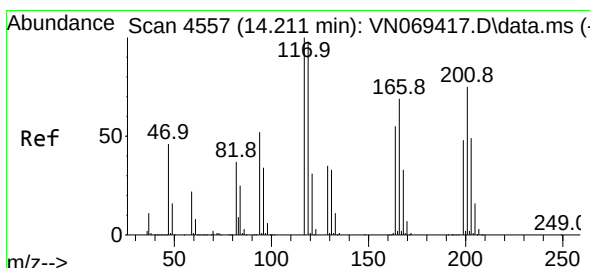
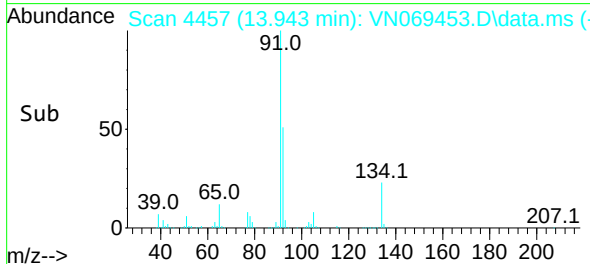
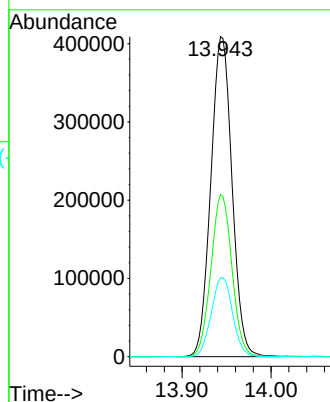
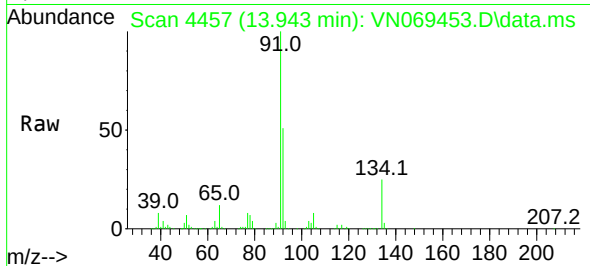
Ion	Ratio	Lower	Upper
91	100		
92	50.2	25.4	76.0
134	24.9	13.6	40.8

Manual Integrations

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Reviewed By :John Carlone 11/12/2021

Supervised By :Mahesh Dadoda 11/17/2021



#90

Hexachloroethane

Concen: 18.260 ug/l

RT: 14.211 min Scan# 4557

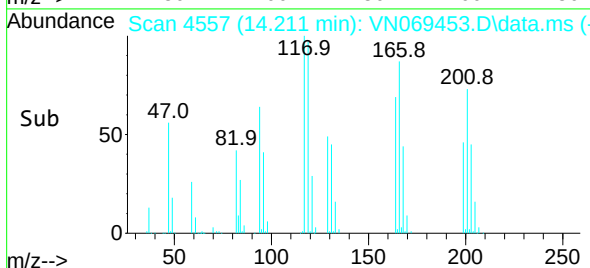
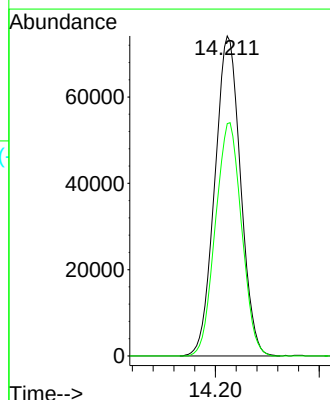
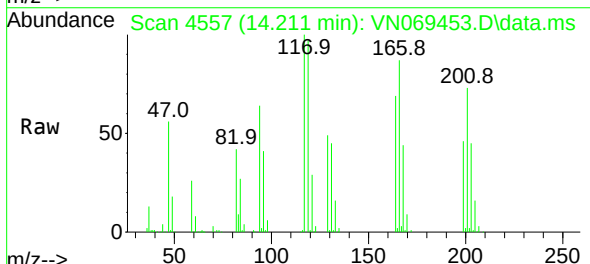
Delta R.T. 0.000 min

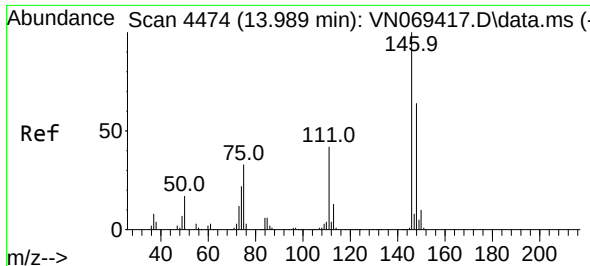
Lab File: VN069453.D

Acq: 11 Nov 2021 13:15

Tgt Ion:117 Resp: 127594

Ion	Ratio	Lower	Upper
117	100		
201	74.2	43.9	131.6





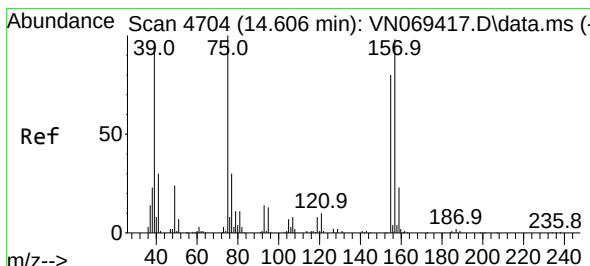
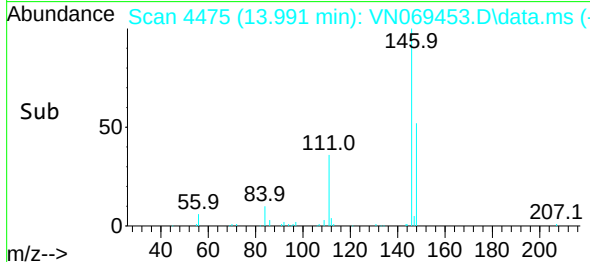
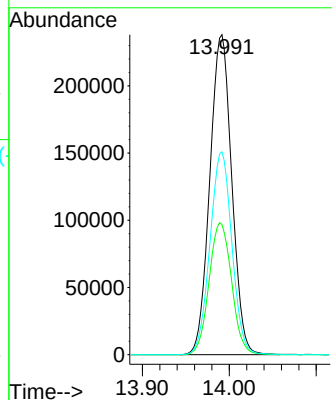
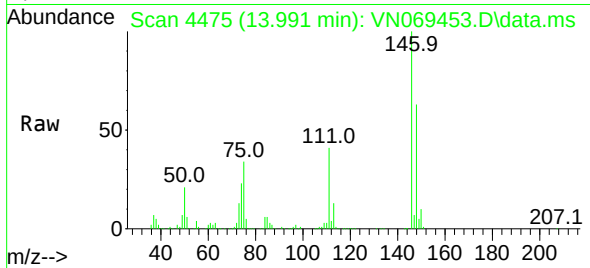
#91
1,2-Dichlorobenzene
Concen: 21.068 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.002 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01

Tgt Ion:146 Resp: 41744
Ion Ratio Lower Upper
146 100
111 42.3 19.1 57.3
148 63.6 32.1 96.3

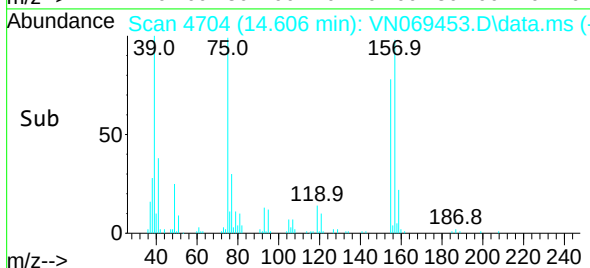
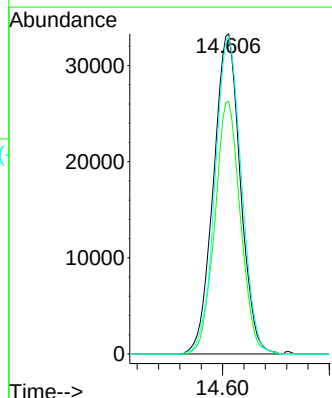
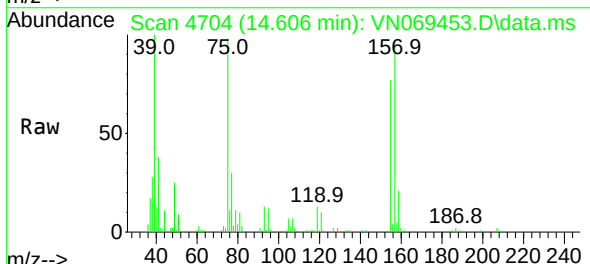
Manual Integrations
APPROVED

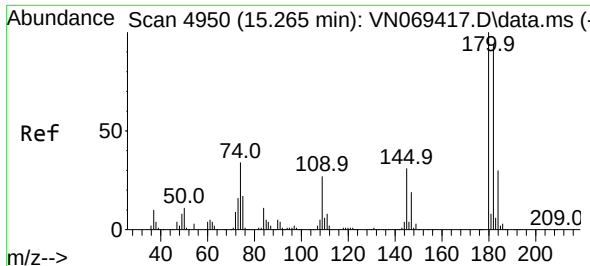
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.854 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. -0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

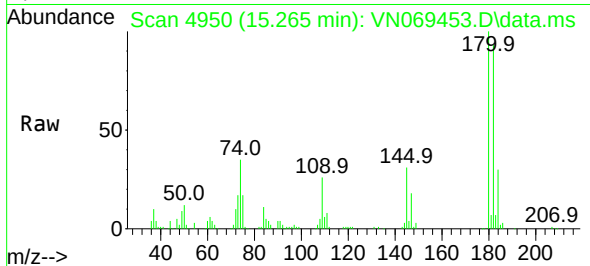
Tgt Ion: 75 Resp: 58262
Ion Ratio Lower Upper
75 100
155 75.0 46.9 140.7
157 97.3 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 18.834 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

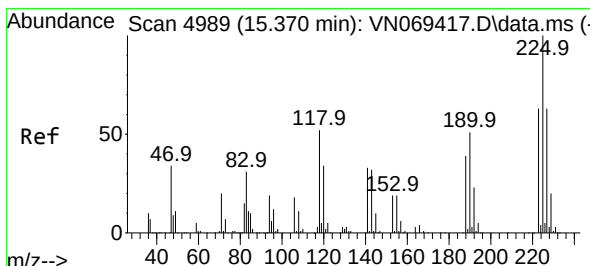
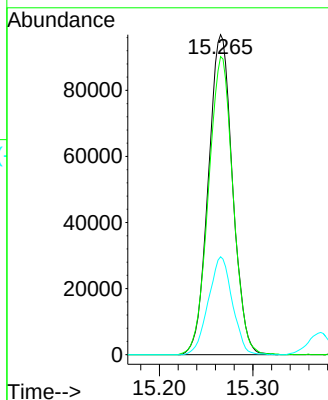
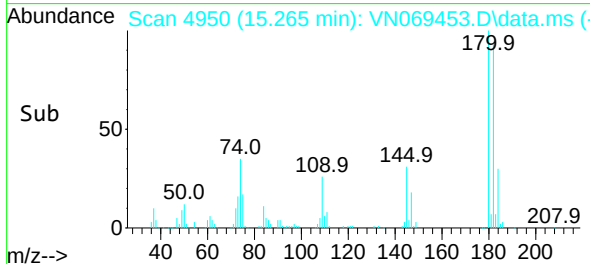
Instrument :
MSVOA_N
ClientSampleId :
VN1111WBS01



Tgt Ion:180 Resp: 17404
Ion Ratio Lower Upper
180 100
182 94.7 48.3 144.9
145 30.3 14.5 43.5

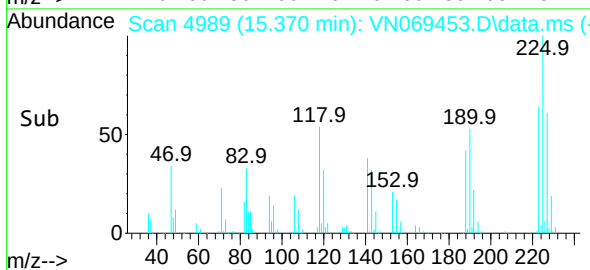
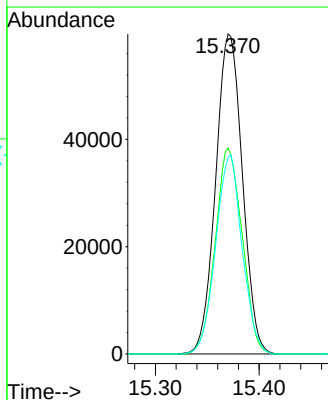
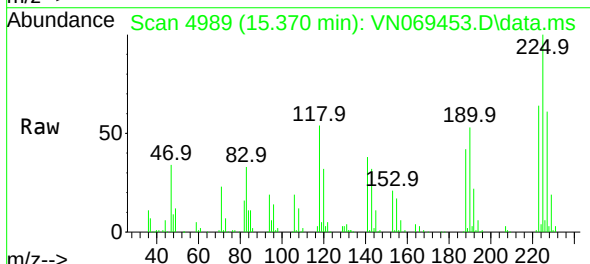
Manual Integrations
APPROVED

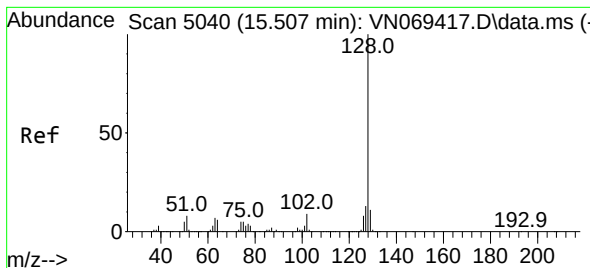
Reviewed By :John Carlone 11/12/2021
Supervised By :Mahesh Dadoda 11/17/2021



#94
Hexachlorobutadiene
Concen: 20.756 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069453.D
Acq: 11 Nov 2021 13:15

Tgt Ion:225 Resp: 106860
Ion Ratio Lower Upper
225 100
223 64.9 31.9 95.7
227 61.6 32.1 96.3





#95

Naphthalene

Concen: 18.024 ug/l

RT: 15.509 min Scan# 5040

Delta R.T. 0.002 min

Lab File: VN069453.D

Acq: 11 Nov 2021 13:15

Instrument :

MSVOA_N

ClientSampleId :

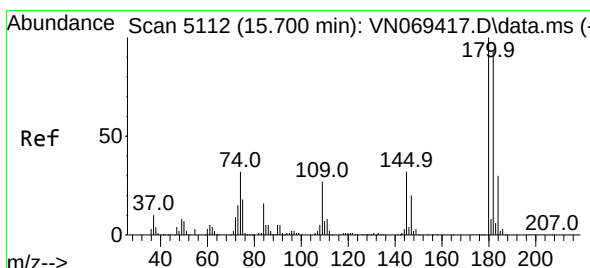
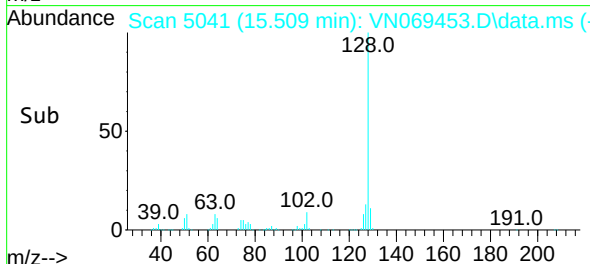
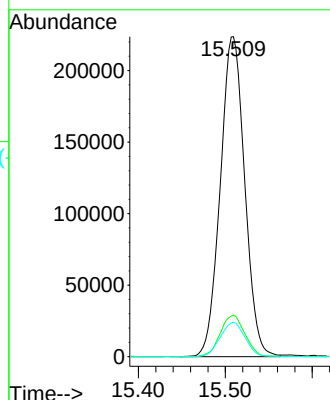
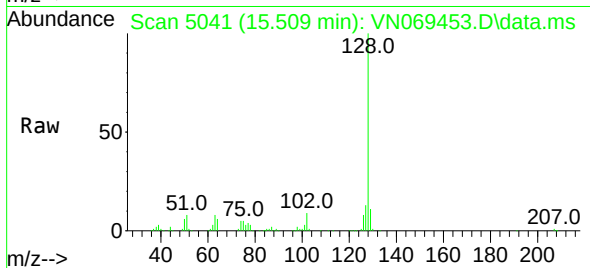
VN1111WBS01

Tgt Ion:128 Resp: 436239
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.5 15.7
 129 11.0 8.7 13.1

Manual Integrations

APPROVED

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



#96

1,2,3-Trichlorobenzene

Concen: 19.153 ug/l

RT: 15.700 min Scan# 5112

Delta R.T. -0.000 min

Lab File: VN069453.D

Acq: 11 Nov 2021 13:15

Tgt Ion:180 Resp: 169416
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.4 142.2
 145 32.4 15.0 45.1

