

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
 Data File : VN070147.D
 Acq On : 16 Dec 2021 19:14
 Operator : JC/MD
 Sample : VN1216WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/17/2021
 Supervised By : Mahesh Dadoda 12/23/2021

Quant Time: Dec 17 01:02:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1079485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1801739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1654144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	669320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	761057	45.662	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.320%		
35) Dibromofluoromethane	8.024	113	508171	45.028	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	90.060%		
50) Toluene-d8	10.443	98	2024555	44.677	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	89.360%		
62) 4-Bromofluorobenzene	12.731	95	725641	44.201	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.400%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	186782	14.835	ug/l	99
3) Chloromethane	2.303	50	233253	14.788	ug/l	98
4) Vinyl Chloride	2.443	62	212482	14.650	ug/l	98
5) Bromomethane	2.842	94	120287	15.265	ug/l	99
6) Chloroethane	3.011	64	130738	14.710	ug/l	98
7) Trichlorofluoromethane	3.371	101	280177	14.719	ug/l	100
8) Diethyl Ether	3.821	74	125352	17.098	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.202	101	171919	16.112	ug/l	98
10) Methyl Iodide	4.414	142	216048	14.821	ug/l	98
11) Tert butyl alcohol	5.388	59	264270	83.881	ug/l	100
12) 1,1-Dichloroethene	4.175	96	164211	15.970	ug/l	91
13) Acrolein	4.041	56	184677	68.834	ug/l	100
14) Allyl chloride	4.835	41	370002	15.969	ug/l #	90
15) Acrylonitrile	5.559	53	769789	90.675	ug/l	99
16) Acetone	4.291	43	772880	77.087	ug/l	97
17) Carbon Disulfide	4.524	76	289870	10.912	ug/l	98
18) Methyl Acetate	4.859	43	534827	17.673	ug/l	92
19) Methyl tert-butyl Ether	5.621	73	707394	17.693	ug/l	96
20) Methylene Chloride	5.095	84	216810	16.267	ug/l #	84
21) trans-1,2-Dichloroethene	5.594	96	172389	15.435	ug/l	88
22) Diisopropyl ether	6.501	45	821811	18.146	ug/l	93
23) Vinyl Acetate	6.436	43	3129921	84.950	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	401248	17.104	ug/l	96
25) 2-Butanone	7.343	43	1182090	86.774	ug/l	90
26) 2,2-Dichloropropane	7.327	77	263317	14.436	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	223761	16.583	ug/l	86
28) Bromochloromethane	7.659	49	243691	19.976	ug/l #	77
29) Tetrahydrofuran	7.691	42	766774	92.696	ug/l	88
30) Chloroform	7.820	83	398343	16.813	ug/l	99
31) Cyclohexane	8.094	56	374389	16.141	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	320834	15.897	ug/l	96
36) 1,1-Dichloropropene	8.222	75	277050	16.153	ug/l	96
37) Ethyl Acetate	7.418	43	437758	17.148	ug/l	96
38) Carbon Tetrachloride	8.209	117	234534	13.944	ug/l	98
39) Methylcyclohexane	9.461	83	318243	15.599	ug/l	89
40) Benzene	8.458	78	876738	16.723	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	215372	17.972	ug/l	91
42) 1,2-Dichloroethane	8.531	62	358823	16.955	ug/l	96
43) Isopropyl Acetate	8.563	43	650524	17.220	ug/l #	94
44) Trichloroethene	9.217	130	201571	16.109	ug/l	89
45) 1,2-Dichloropropane	9.491	63	240822	17.106	ug/l	99
46) Dibromomethane	9.577	93	151066	16.361	ug/l	93
47) Bromodichloromethane	9.765	83	269732	15.429	ug/l	98
48) Methyl methacrylate	9.561	41	298929	16.956	ug/l	89
49) 1,4-Dioxane	9.574	88	113196	357.832	ug/l #	82
51) 4-Methyl-2-Pentanone	10.333	43	2322784	94.778	ug/l	95
52) Toluene	10.507	92	544031	16.997	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	274993	15.140	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	316244	15.755	ug/l #	88
55) 1,1,2-Trichloroethane	10.899	97	220751	17.093	ug/l	97
56) Ethyl methacrylate	10.762	69	366656	16.640	ug/l #	86
57) 1,3-Dichloropropane	11.046	76	391797	17.230	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	479036	85.832	ug/l	91
59) 2-Hexanone	11.087	43	1667911	89.966	ug/l	93
60) Dibromochloromethane	11.240	129	174840	14.411	ug/l	100
61) 1,2-Dibromoethane	11.347	107	217850	16.286	ug/l	98
64) Tetrachloroethene	10.979	164	188989	16.850	ug/l	94
65) Chlorobenzene	11.771	112	567996	16.926	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	184777	15.644	ug/l	99
67) Ethyl Benzene	11.846	91	1052302	17.263	ug/l	97
68) m/p-Xylenes	11.956	106	757924	34.149	ug/l	92
69) o-Xylene	12.283	106	384174	17.184	ug/l	91
70) Styrene	12.296	104	605220	17.072	ug/l	95
71) Bromoform	12.460	173	118755	13.844	ug/l #	99
73) Isopropylbenzene	12.581	105	1015118	17.046	ug/l	98
74) N-amyl acetate	12.390	43	419046	15.912	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	352898	17.137	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	319887m	16.666	ug/l	
77) Bromobenzene	12.862	156	230751	16.497	ug/l	79
78) n-propylbenzene	12.921	91	1107722	16.716	ug/l	96
79) 2-Chlorotoluene	13.010	91	706895	16.882	ug/l	91
80) 1,3,5-Trimethylbenzene	13.061	105	815873	17.022	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	66736	14.516	ug/l #	77
82) 4-Chlorotoluene	13.106	91	653078	16.585	ug/l	92
83) tert-Butylbenzene	13.326	119	707342	16.666	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	800273	17.531	ug/l	97
85) sec-Butylbenzene	13.503	105	965776	16.776	ug/l	97
86) p-Isopropyltoluene	13.618	119	755111	16.781	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	380388	16.553	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	368736	16.328	ug/l	96
89) n-Butylbenzene	13.943	91	585877	16.050	ug/l	97
90) Hexachloroethane	14.211	117	101647	12.866	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	377540	16.862	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.605	75	55195	14.833	ug/l	79
93) 1,2,4-Trichlorobenzene	15.265	180	165502	17.082	ug/l	98
94) Hexachlorobutadiene	15.370	225	103568	17.454	ug/l	98
95) Naphthalene	15.507	128	557949	19.683	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	165705	17.164	ug/l	97

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 ALS Vial : 22 Sample Multiplier: 1

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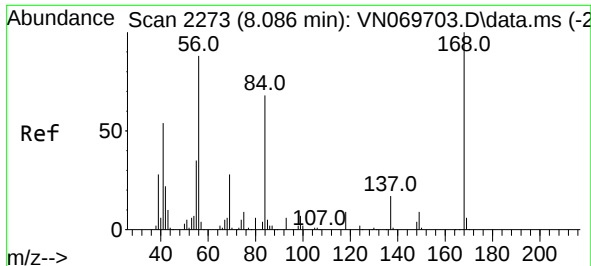
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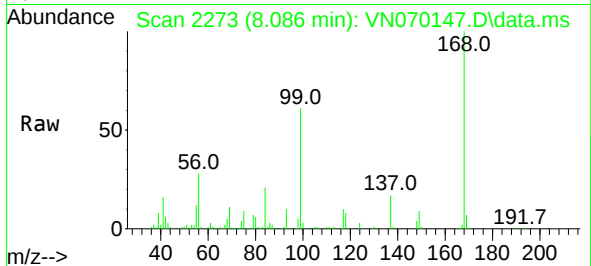
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN070147.D
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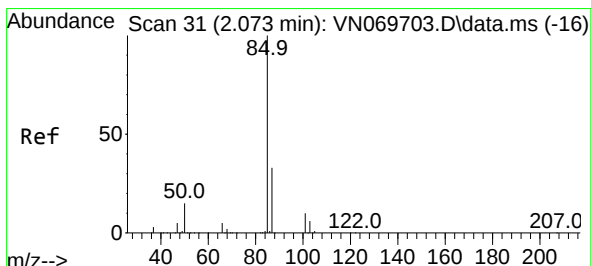
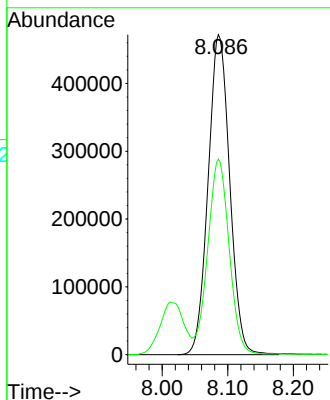
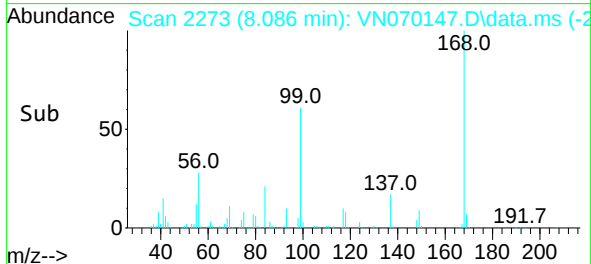
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01



Tgt Ion:168 Resp: 107948
Ion Ratio Lower Upper
168 100
99 60.9 41.3 61.9

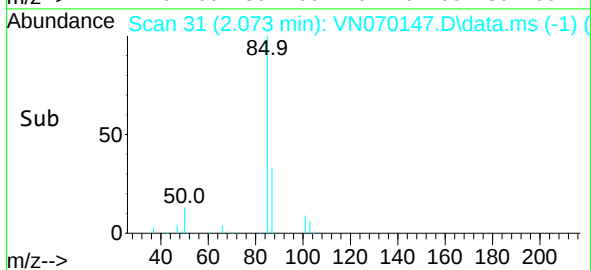
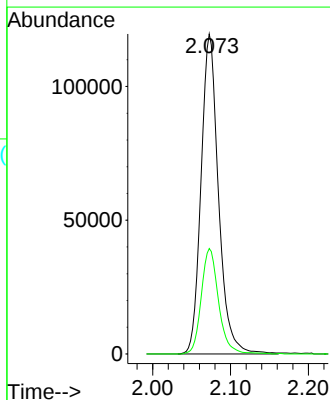
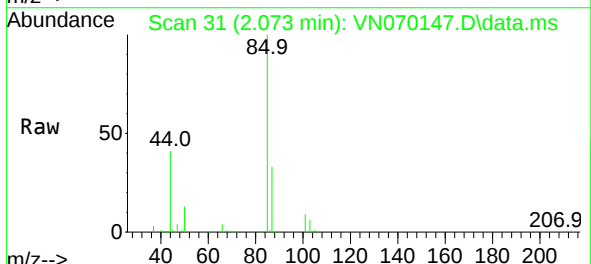
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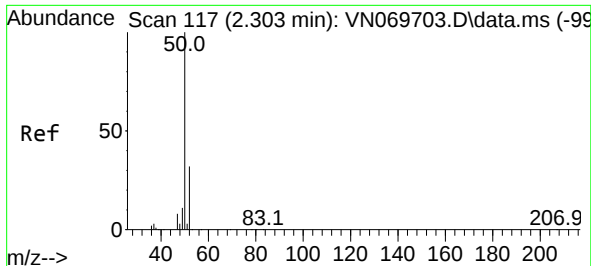
Reviewed By :John Carlone 12/17/2021
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#2
Dichlorodifluoromethane
Concen: 14.835 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

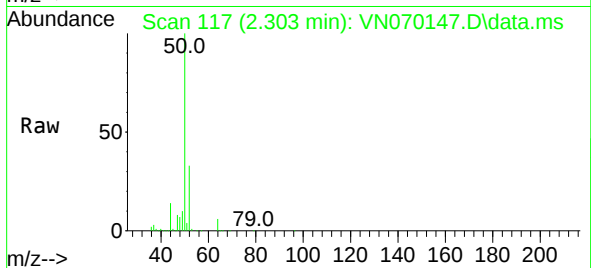
Tgt Ion: 85 Resp: 186782
Ion Ratio Lower Upper
85 100
87 32.9 16.3 48.9





#3
Chloromethane
Concen: 14.788 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

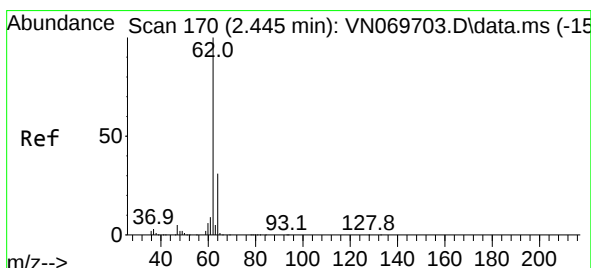
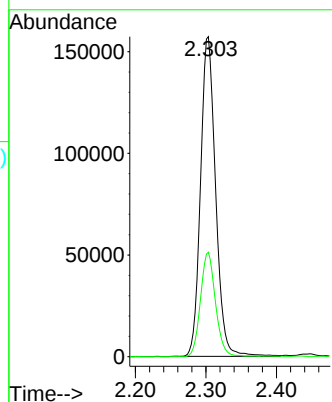
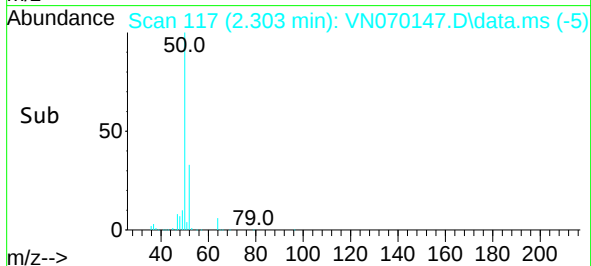
Instrument :
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Tgt Ion: 50 Resp: 23325
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.0

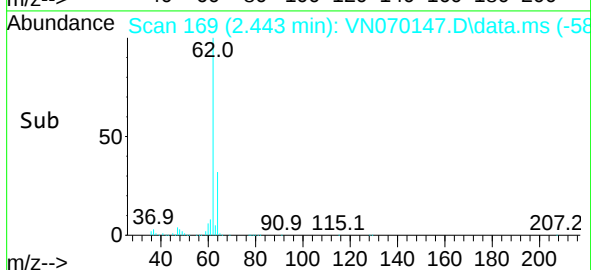
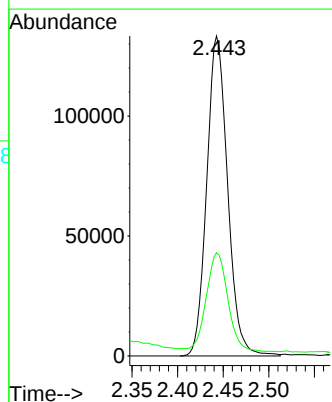
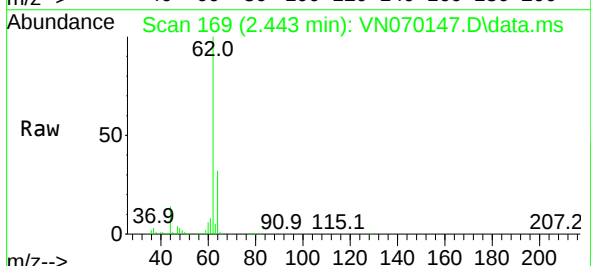
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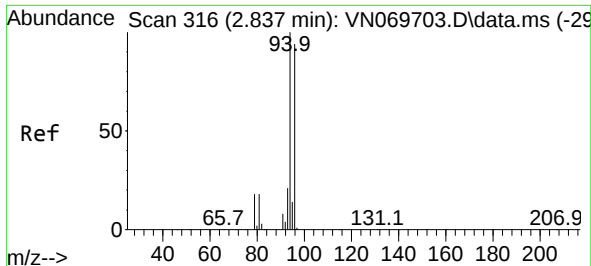
Reviewed By :John Carlone 12/17/2021
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#4
Vinyl Chloride
Concen: 14.650 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.003 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

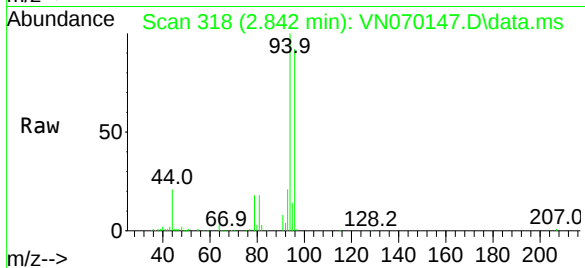
Tgt Ion: 62 Resp: 212482
Ion Ratio Lower Upper
62 100
64 30.9 25.8 38.6





#5
Bromomethane
Concen: 15.265 ug/l
RT: 2.842 min Scan# 316
Delta R.T. 0.005 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

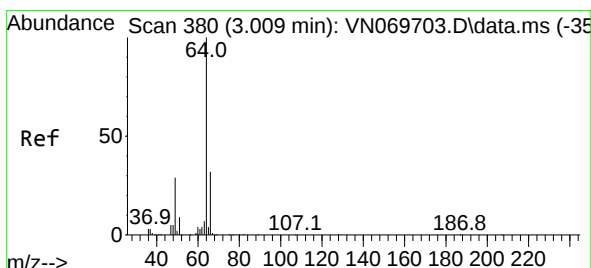
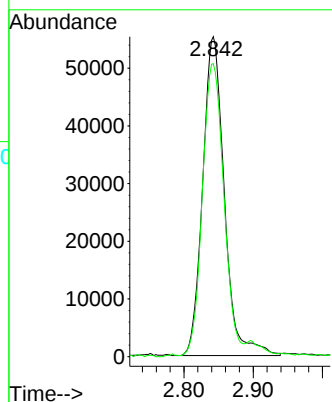
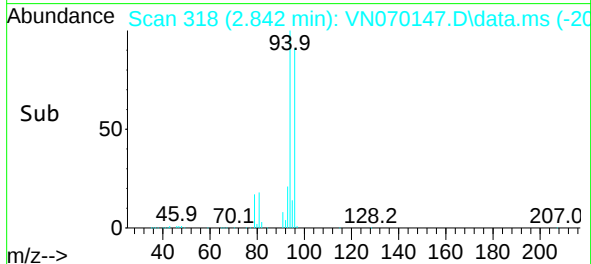
Instrument :
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Tgt Ion: 94 Resp: 12028
Ion Ratio Lower Upper
94 100
96 91.5 73.8 110.8

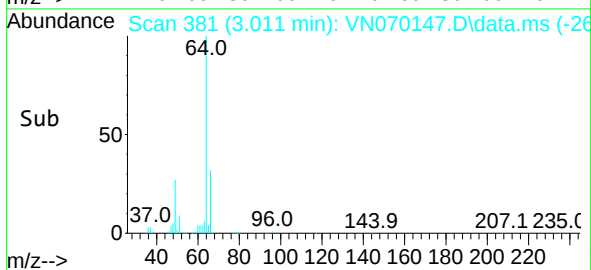
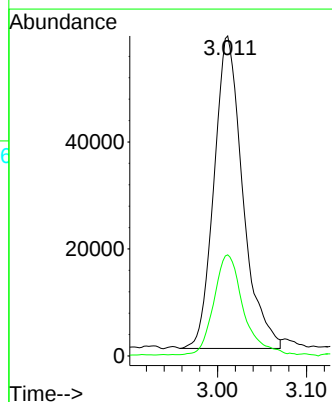
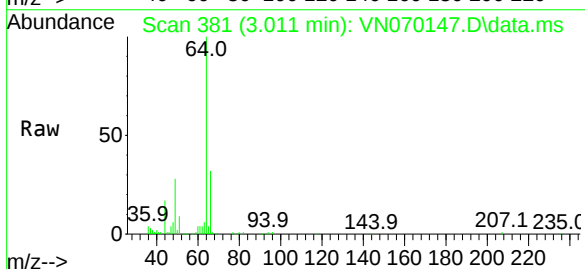
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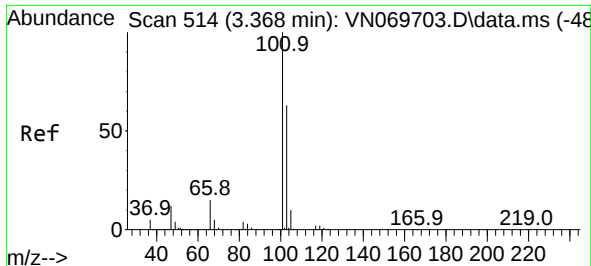
Reviewed By :John Carlone 12/17/2021
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#6
Chloroethane
Concen: 14.710 ug/l
RT: 3.011 min Scan# 381
Delta R.T. 0.003 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

Tgt Ion: 64 Resp: 130738
Ion Ratio Lower Upper
64 100
66 32.0 26.3 39.5





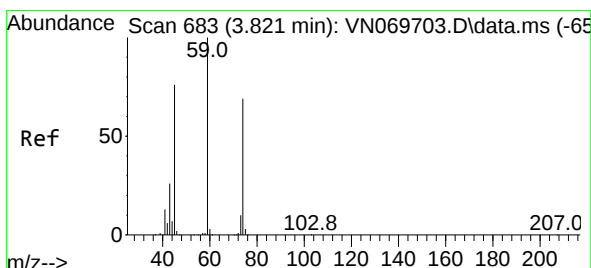
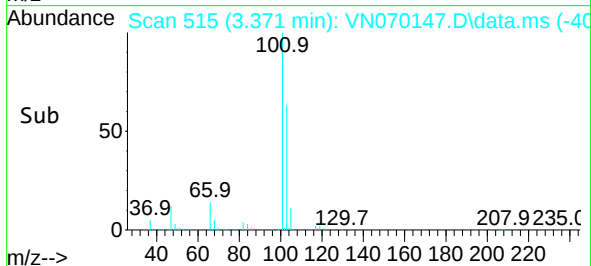
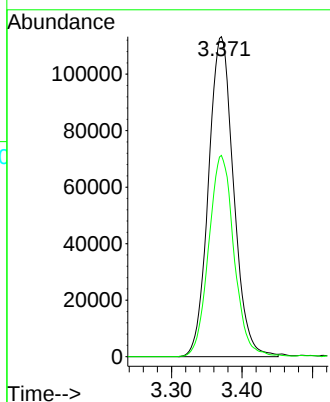
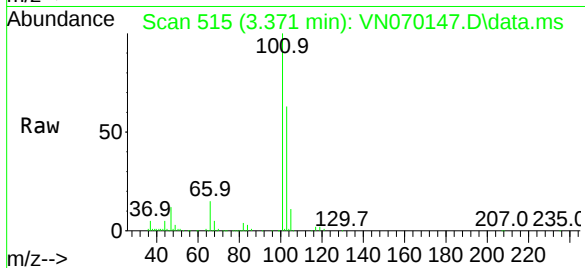
#7
Trichlorofluoromethane
Concen: 14.719 ug/l
RT: 3.371 min Scan# 514
Delta R.T. 0.003 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

Instrument :
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ClientSampleId :
VN1216WBSD01

Tgt Ion:101 Resp: 28017
Ion Ratio Lower Upper
101 100
103 62.9 50.1 75.1

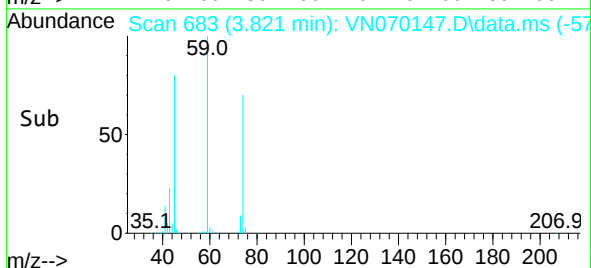
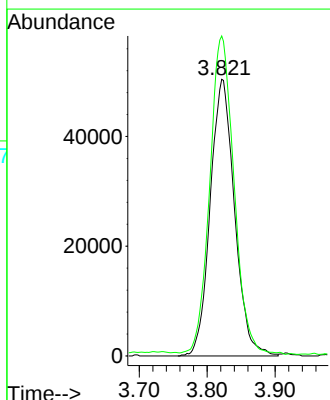
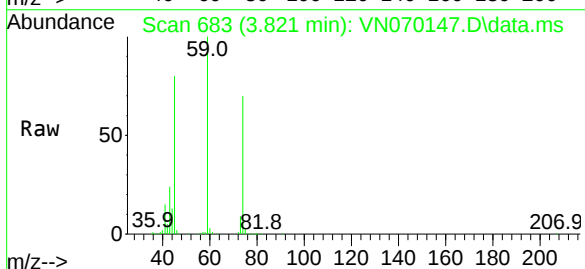
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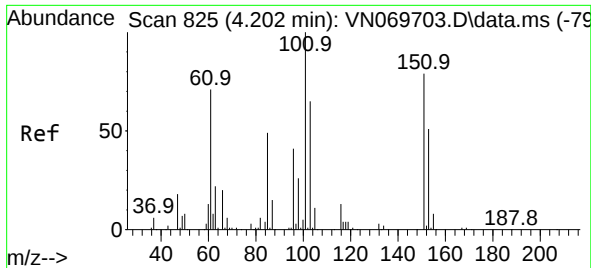
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#8
Diethyl Ether
Concen: 17.098 ug/l
RT: 3.821 min Scan# 683
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

Tgt Ion: 74 Resp: 125352
Ion Ratio Lower Upper
74 100
45 113.3 47.0 141.2





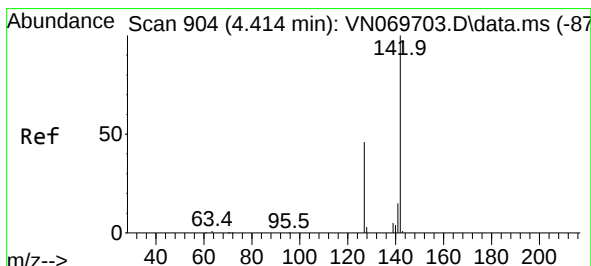
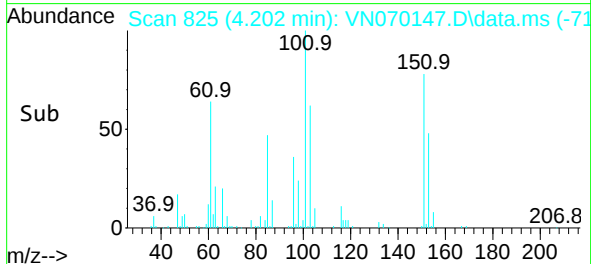
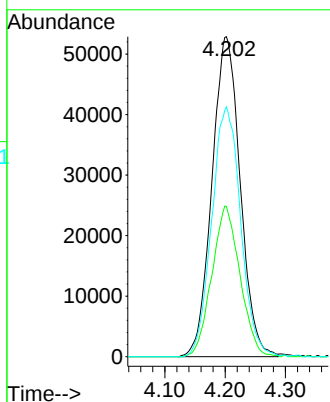
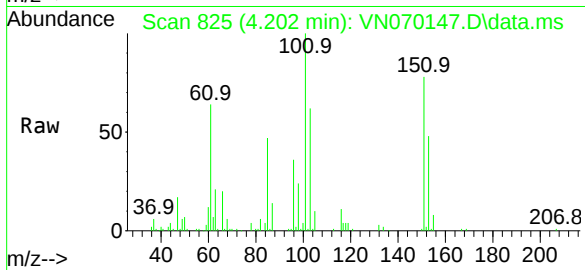
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.112 ug/l
RT: 4.202 min Scan# 825
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01

Tgt Ion:101 Resp: 171919
Ion Ratio Lower Upper
101 100
85 46.8 37.2 55.8
151 79.8 65.9 98.9

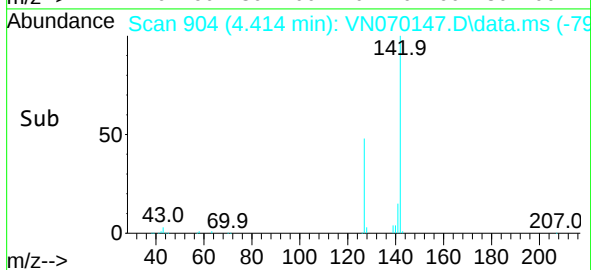
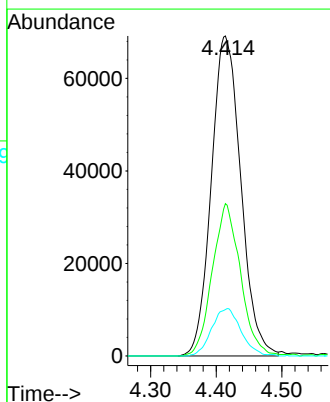
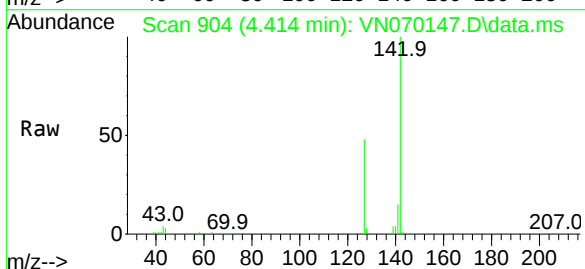
Manual Integrations
APPROVED

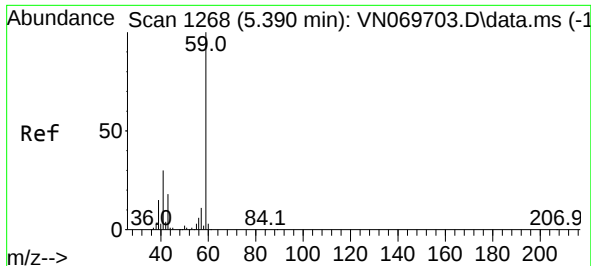
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#10
Methyl Iodide
Concen: 14.821 ug/l
RT: 4.414 min Scan# 904
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

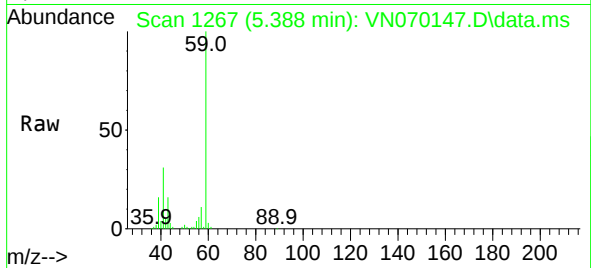
Tgt Ion:142 Resp: 216048
Ion Ratio Lower Upper
142 100
127 45.5 35.4 53.0
141 14.7 11.6 17.4





#11
Tert butyl alcohol
Concen: 83.881 ug/l
RT: 5.388 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

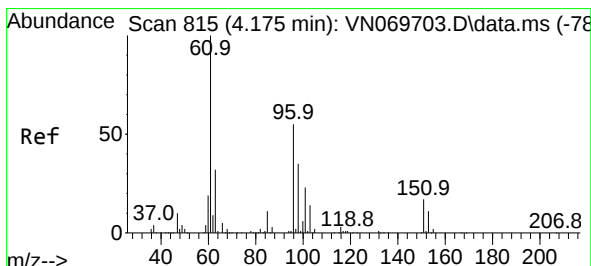
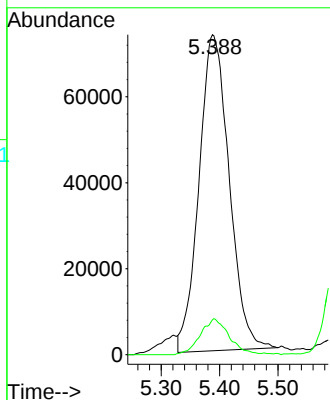
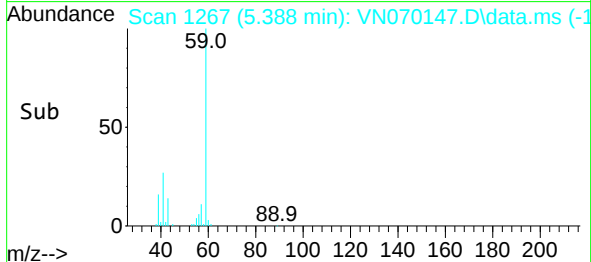
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01



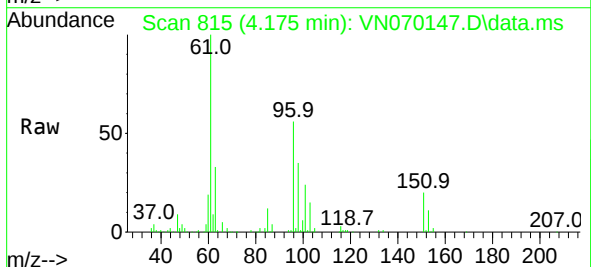
Tgt Ion: 59 Resp: 264270
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1

Manual Integrations
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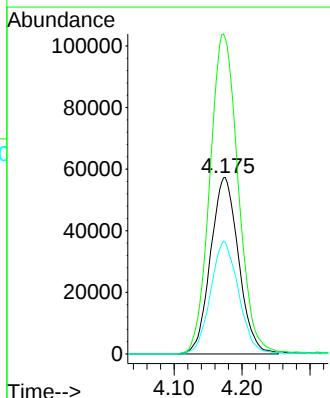
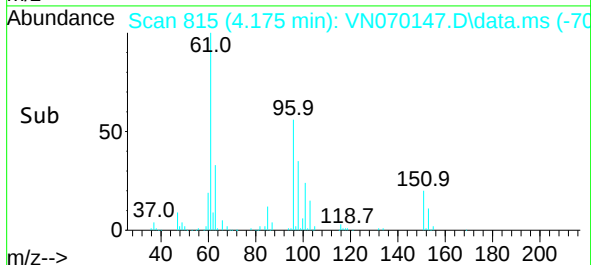
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#12
1,1-Dichloroethene
Concen: 15.970 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14



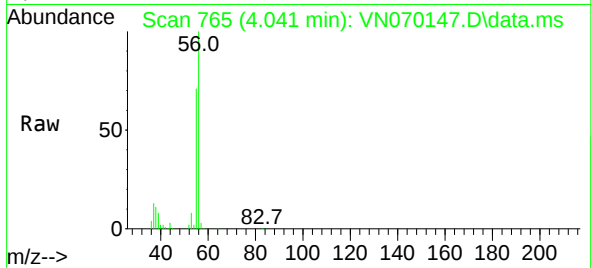
Tgt Ion: 96 Resp: 164211
Ion Ratio Lower Upper
96 100
61 179.0 131.0 196.6
98 63.3 52.4 78.6





#13
Acrolein
Concen: 68.834 ug/l
RT: 4.041 min Scan# 70
Delta R.T. 0.003 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

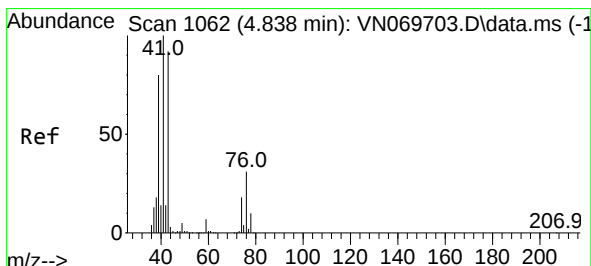
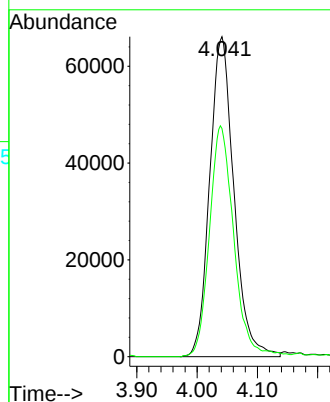
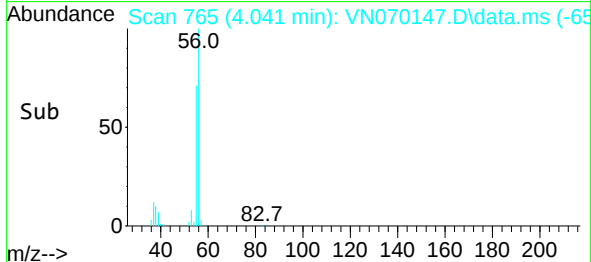
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01



Tgt Ion: 56 Resp: 18467
Ion Ratio Lower Upper
56 100
55 71.2 56.6 85.0

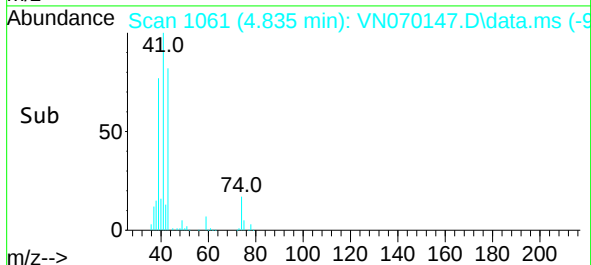
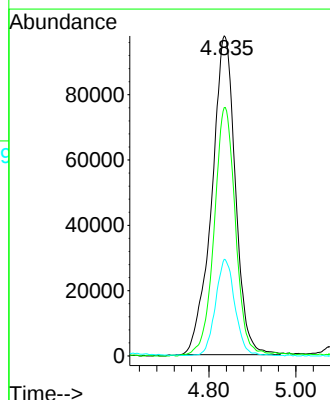
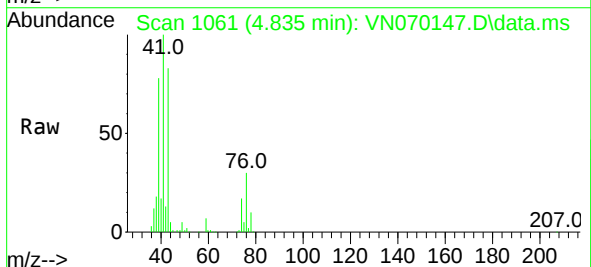
Manual Integrations
APPROVED

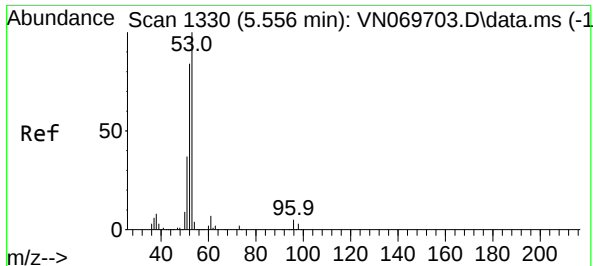
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#14
Allyl chloride
Concen: 15.969 ug/l
RT: 4.835 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

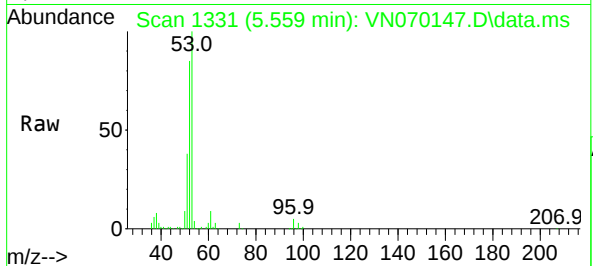
Tgt Ion: 41 Resp: 370002
Ion Ratio Lower Upper
41 100
39 69.6 61.2 91.8
76 24.3 26.0 39.0





#15
Acrylonitrile
Concen: 90.675 ug/l
RT: 5.559 min Scan# 1330
Delta R.T. 0.003 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

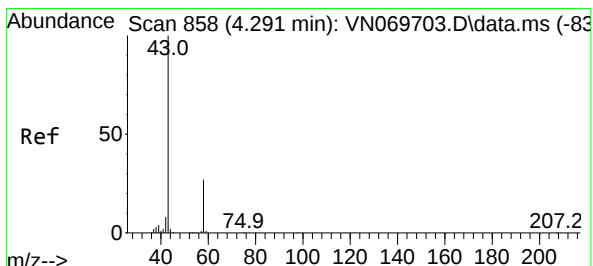
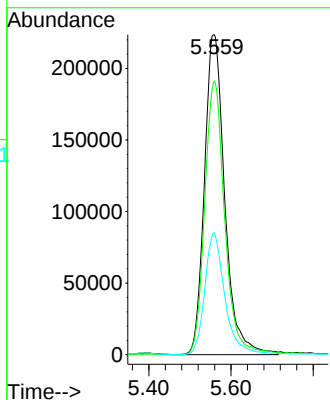
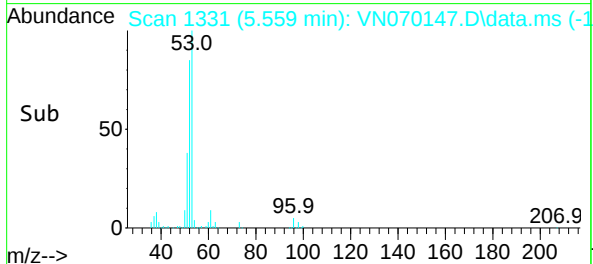
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01



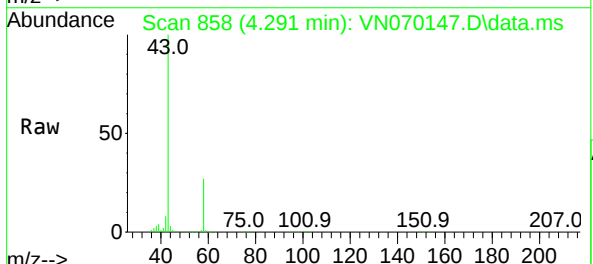
Tgt Ion: 53 Resp: 769789
Ion Ratio Lower Upper
53 100
52 83.4 66.2 99.2
51 37.3 29.6 44.4

Manual Integrations
APPROVED

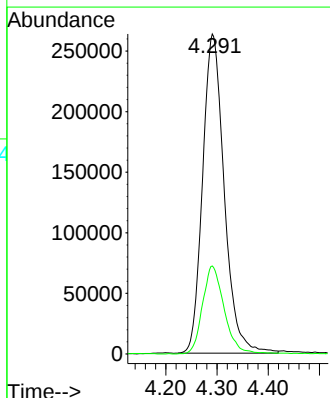
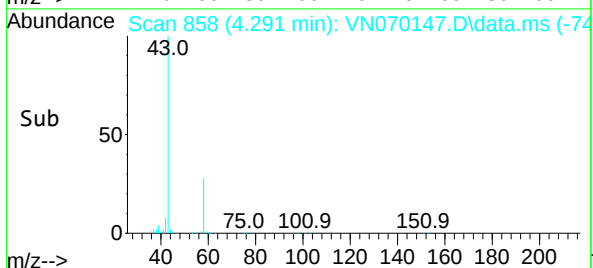
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

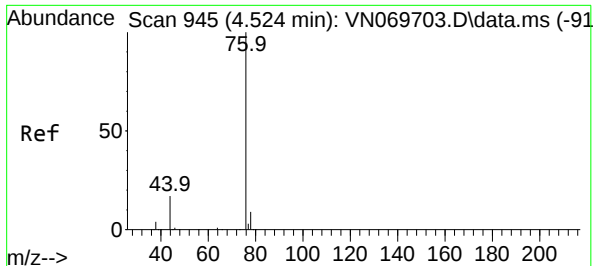


#16
Acetone
Concen: 77.087 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14



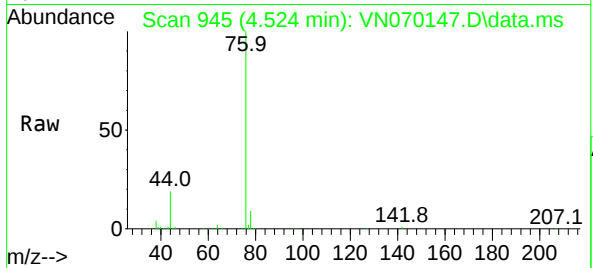
Tgt Ion: 43 Resp: 772880
Ion Ratio Lower Upper
43 100
58 27.5 23.1 34.7





#17
Carbon Disulfide
Concen: 10.912 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

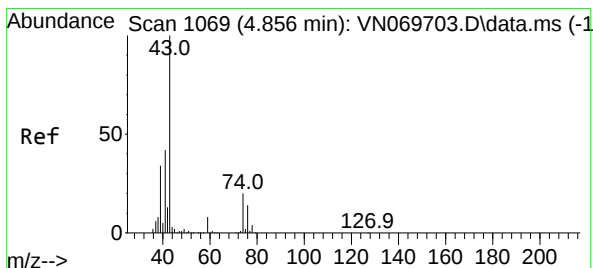
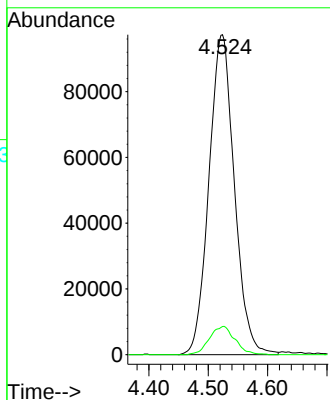
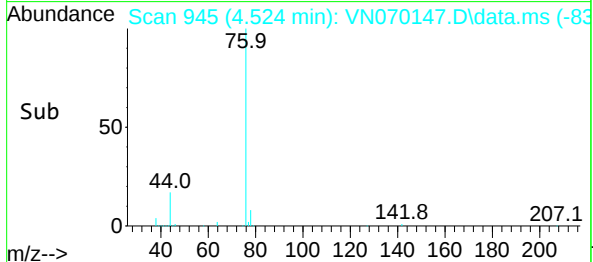
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01



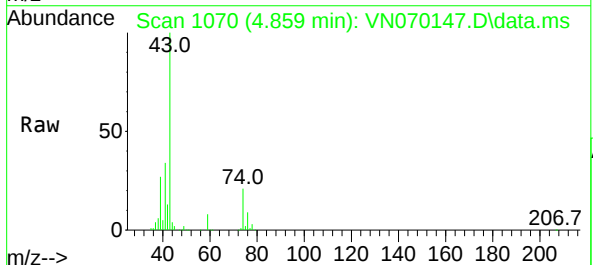
Tgt Ion: 76 Resp: 289870
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

Manual Integrations
APPROVED

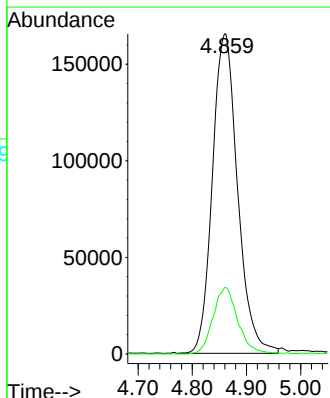
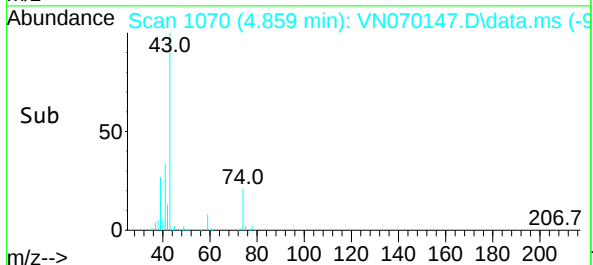
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

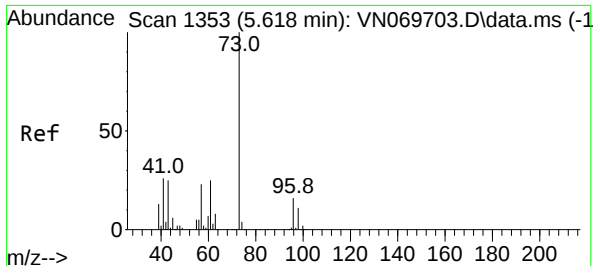


#18
Methyl Acetate
Concen: 17.673 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.003 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14



Tgt Ion: 43 Resp: 534827
Ion Ratio Lower Upper
43 100
74 20.5 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 17.693 ug/l

RT: 5.621 min Scan# 11

Delta R.T. 0.003 min

Lab File: VN070147.D

Acq: 16 Dec 2021 19:14

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBSD01

Tgt Ion: 73 Resp: 707394

Ion Ratio Lower Upper

73 100

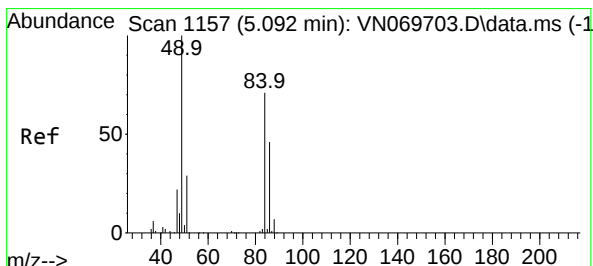
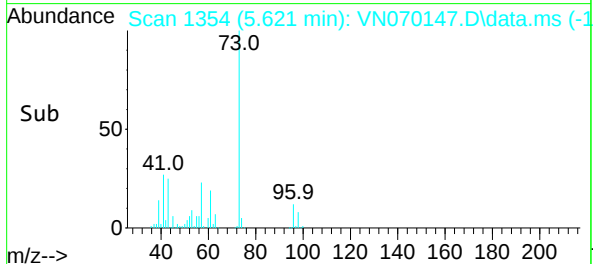
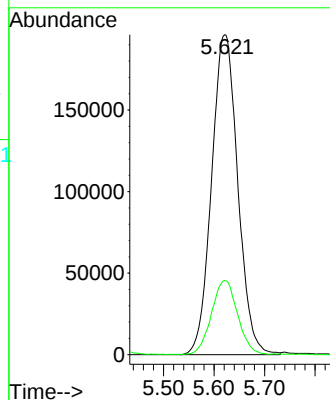
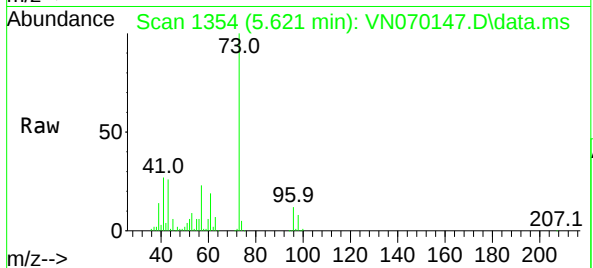
57 23.1 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/23/2021



#20

Methylene Chloride

Concen: 16.267 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.003 min

Lab File: VN070147.D

Acq: 16 Dec 2021 19:14

Tgt Ion: 84 Resp: 216810

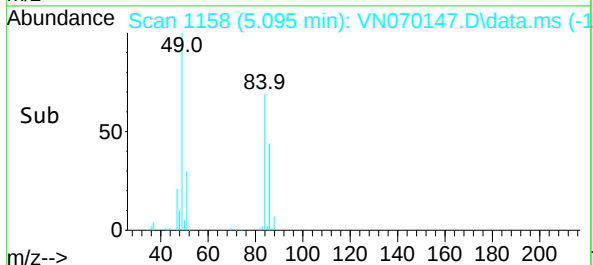
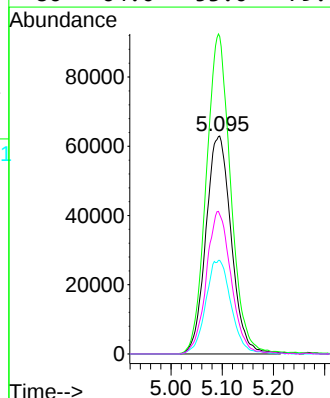
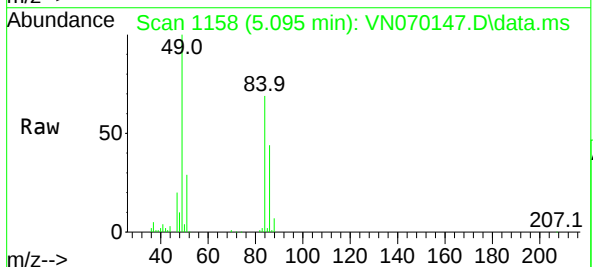
Ion Ratio Lower Upper

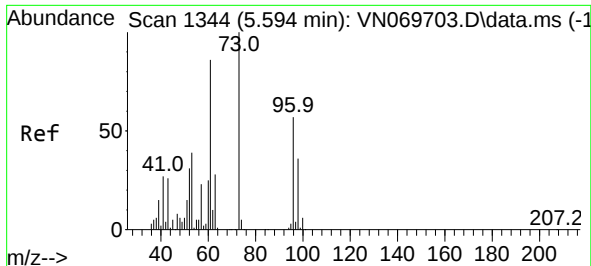
84 100

49 145.4 93.5 140.3#

51 43.0 29.4 44.2

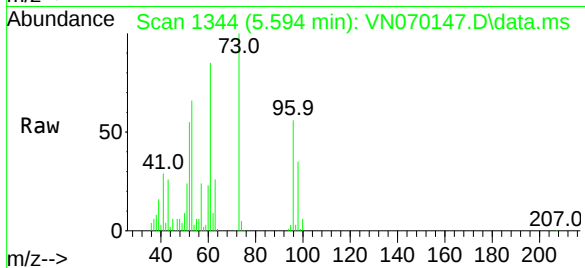
86 64.0 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 15.435 ug/l
RT: 5.594 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

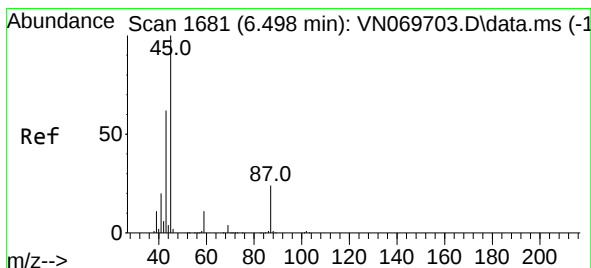
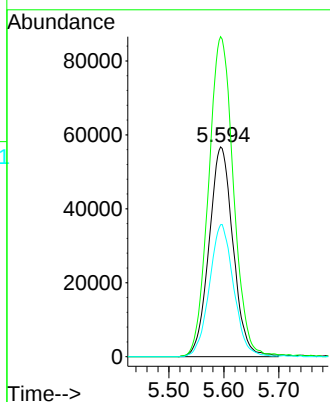
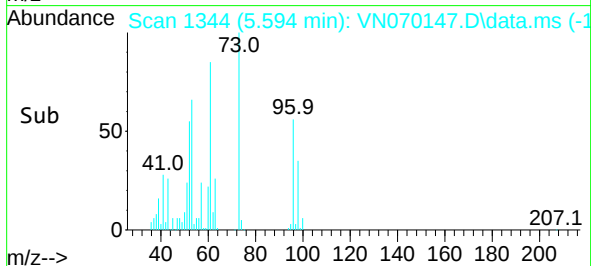
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01



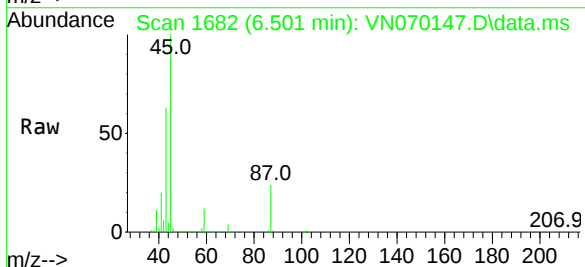
Tgt Ion: 96 Resp: 172389
Ion Ratio Lower Upper
96 100
61 152.5 105.8 158.6
98 62.9 52.0 78.0

Manual Integrations
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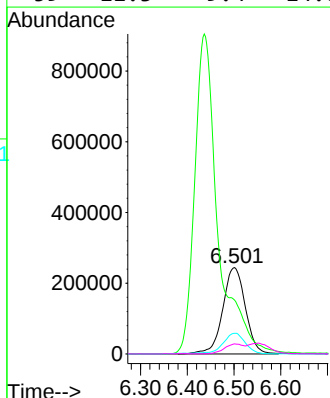
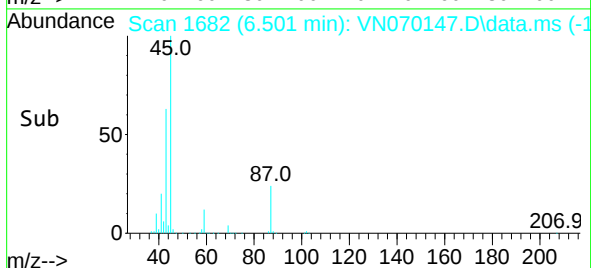
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

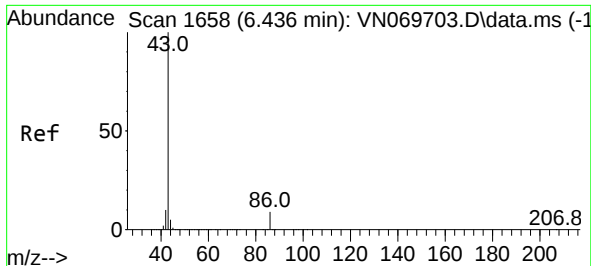


#22
Diisopropyl ether
Concen: 18.146 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14



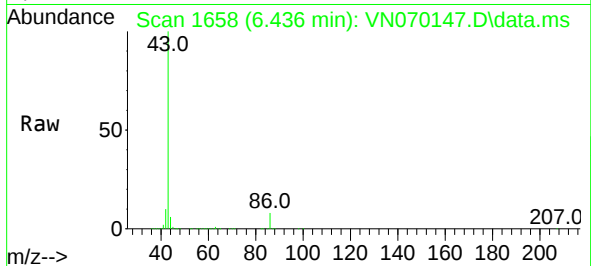
Tgt Ion: 45 Resp: 821811
Ion Ratio Lower Upper
45 100
43 59.6 51.7 77.5
87 23.7 23.2 34.8
59 11.3 9.4 14.0





#23
 Vinyl Acetate
 Concen: 84.950 ug/l
 RT: 6.436 min Scan# 1658
 Delta R.T. 0.000 min
 Lab File: VN070147.D
 Acq: 16 Dec 2021 19:14

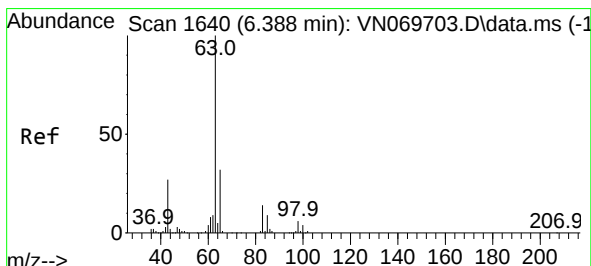
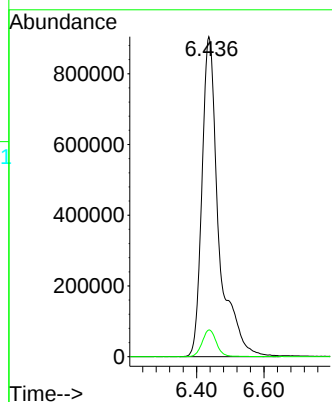
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBSD01



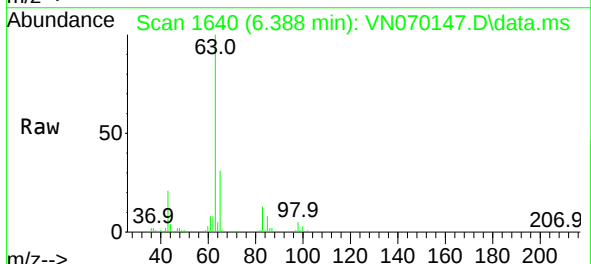
Tgt Ion: 43 Resp: 312992
 Ion Ratio Lower Upper
 43 100
 86 8.3 8.5 12.7

Manual Integrations
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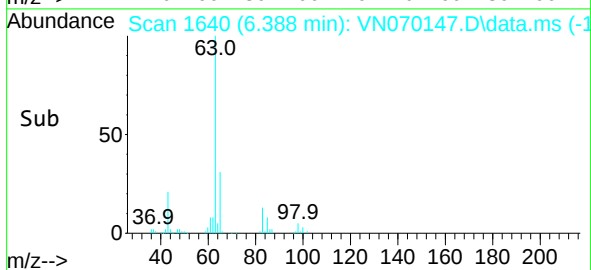
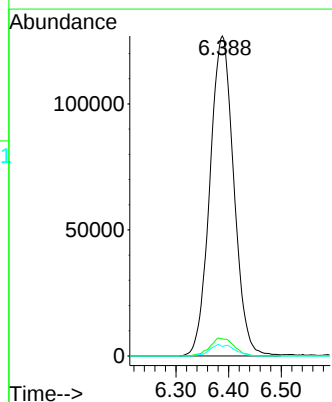
Reviewed By :John Carlone 12/17/2021
 Supervised By :Mahesh Dadoda 12/23/2021



#24
 1,1-Dichloroethane
 Concen: 17.104 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN070147.D
 Acq: 16 Dec 2021 19:14



Tgt Ion: 63 Resp: 401248
 Ion Ratio Lower Upper
 63 100
 98 5.3 3.3 9.9
 100 3.0 2.1 6.5





#25

2-Butanone

Concen: 86.774 ug/l

RT: 7.343 min Scan# 1996

Delta R.T. 0.005 min

Lab File: VN070147.D

Acq: 16 Dec 2021 19:14

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBSD01

Tgt Ion: 43 Resp: 1182090

Ion Ratio Lower Upper

43 100

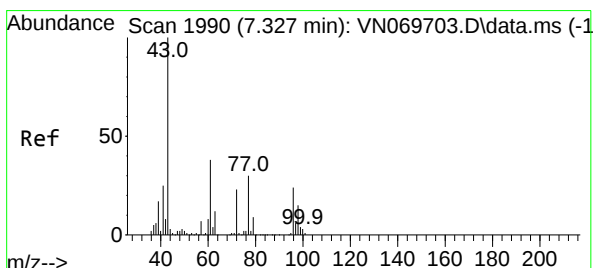
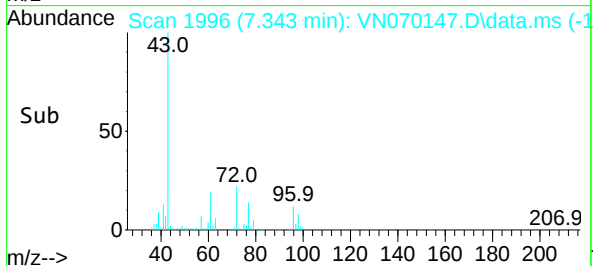
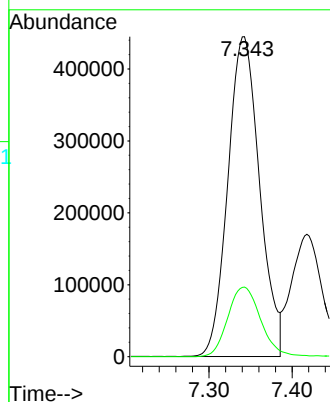
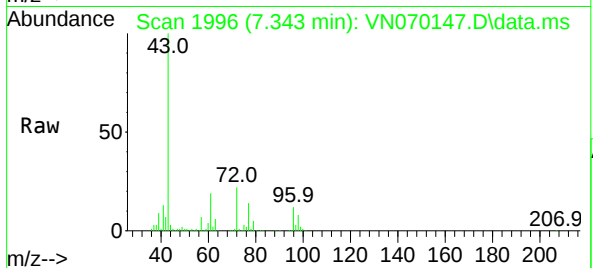
72 21.8 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/23/2021



#26

2,2-Dichloropropane

Concen: 14.436 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN070147.D

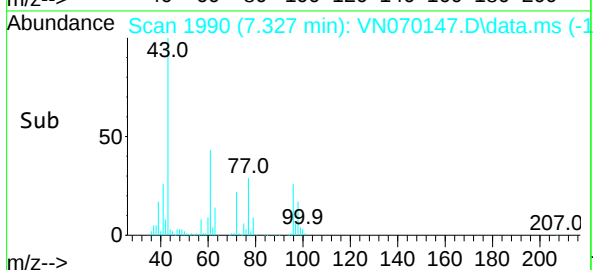
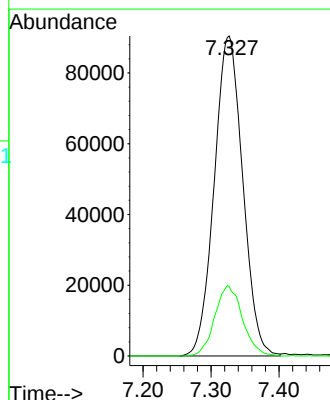
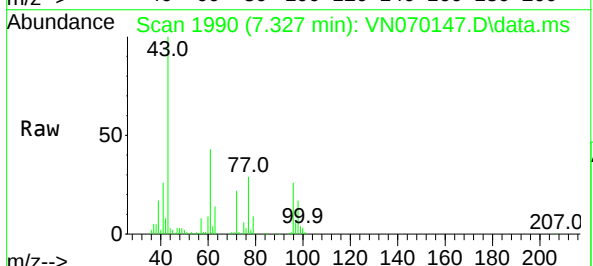
Acq: 16 Dec 2021 19:14

Tgt Ion: 77 Resp: 263317

Ion Ratio Lower Upper

77 100

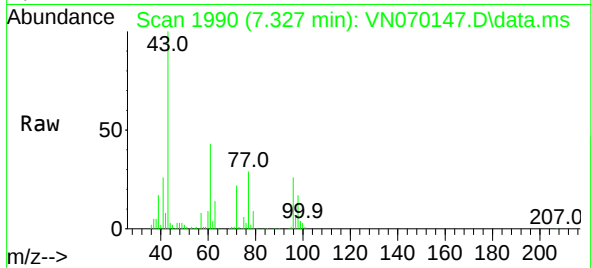
97 21.3 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 16.583 ug/l
 RT: 7.327 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN070147.D
 Acq: 16 Dec 2021 19:14

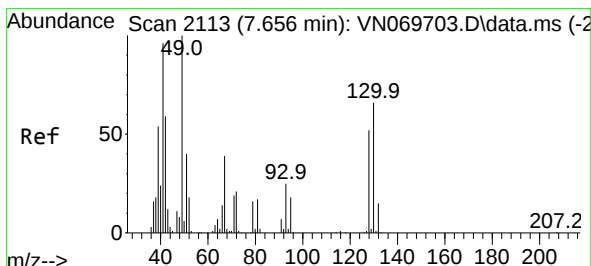
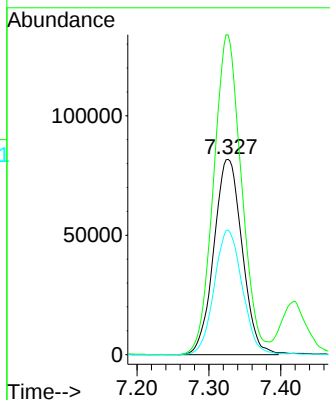
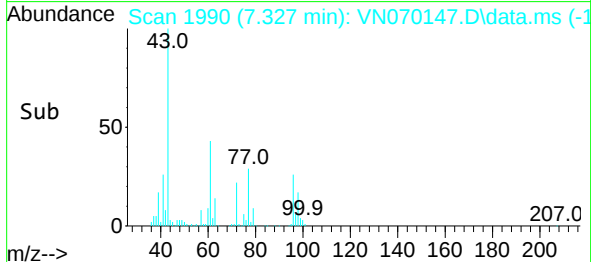
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBSD01



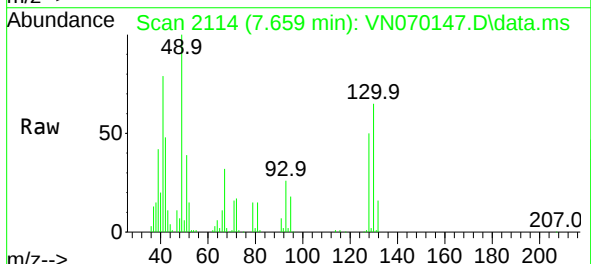
Tgt Ion: 96 Resp: 22376
 Ion Ratio Lower Upper
 96 100
 61 161.2 0.0 275.0
 98 63.0 0.0 129.6

Manual Integrations
 APPROVED

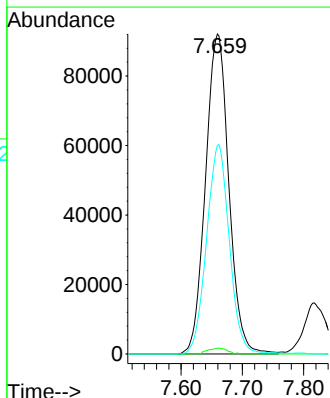
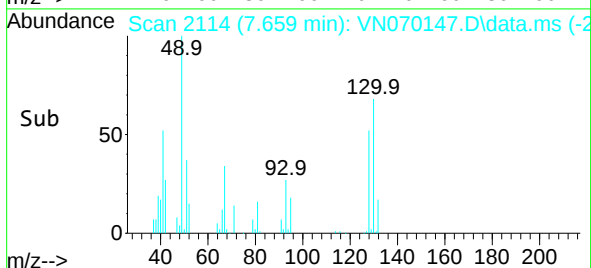
Reviewed By :John Carlone 12/17/2021
 Supervised By :Mahesh Dadoda 12/23/2021

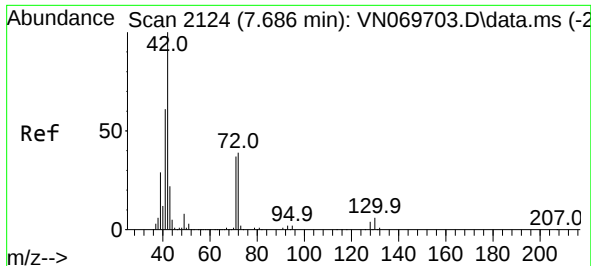


#28
 Bromochloromethane
 Concen: 19.976 ug/l
 RT: 7.659 min Scan# 2114
 Delta R.T. 0.003 min
 Lab File: VN070147.D
 Acq: 16 Dec 2021 19:14



Tgt Ion: 49 Resp: 243691
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.0
 130 63.8 67.8 101.8#





#29

Tetrahydrofuran

Concen: 92.696 ug/l

RT: 7.691 min Scan# 2126

Delta R.T. 0.005 min

Lab File: VN070147.D

Acq: 16 Dec 2021 19:14

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBSD01

Tgt Ion: 42 Resp: 766774

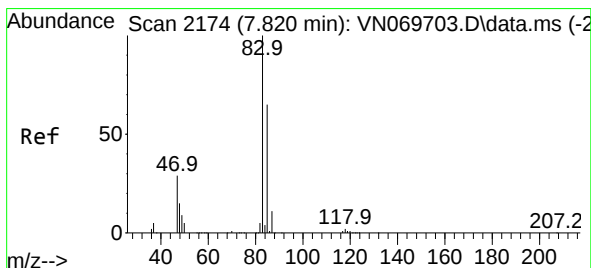
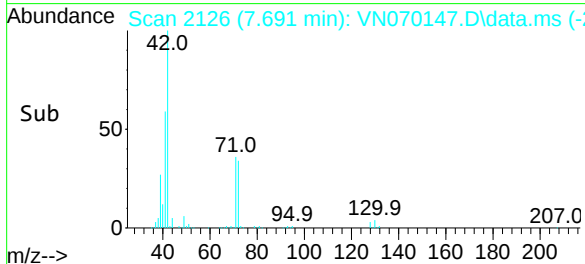
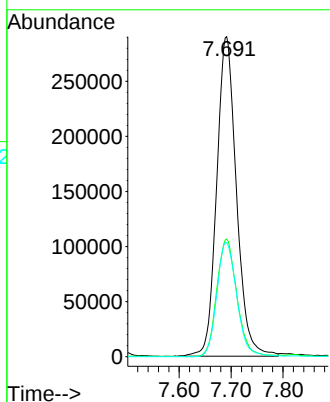
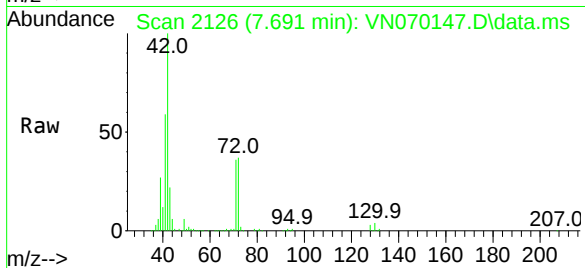
Ion	Ratio	Lower	Upper
42	100		
72	37.5	36.3	54.5
71	36.1	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/23/2021



#30

Chloroform

Concen: 16.813 ug/l

RT: 7.820 min Scan# 2174

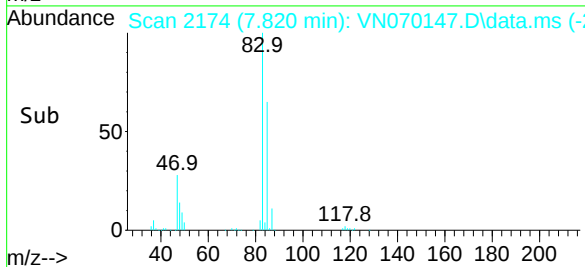
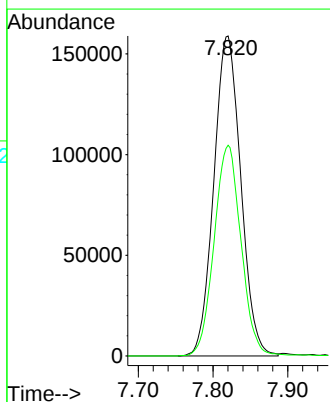
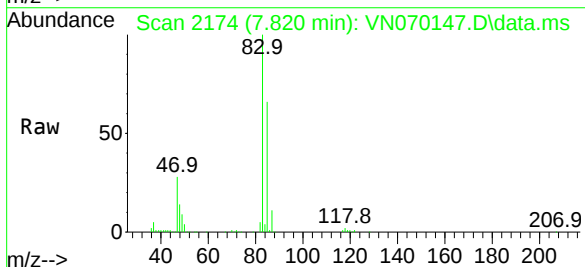
Delta R.T. 0.000 min

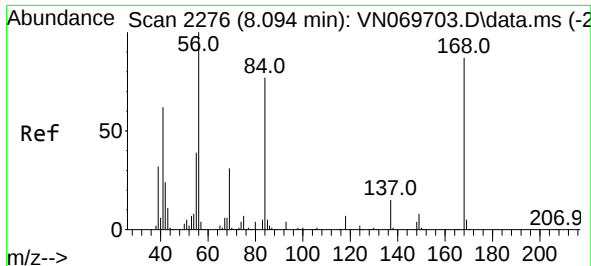
Lab File: VN070147.D

Acq: 16 Dec 2021 19:14

Tgt Ion: 83 Resp: 398343

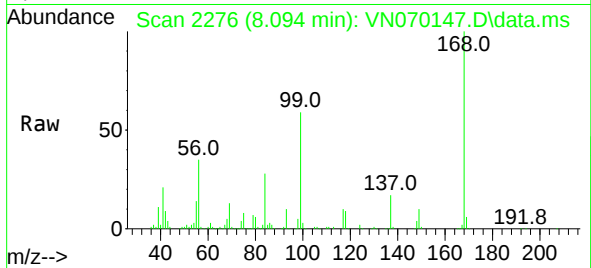
Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.9	77.9





#31
Cyclohexane
Concen: 16.141 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

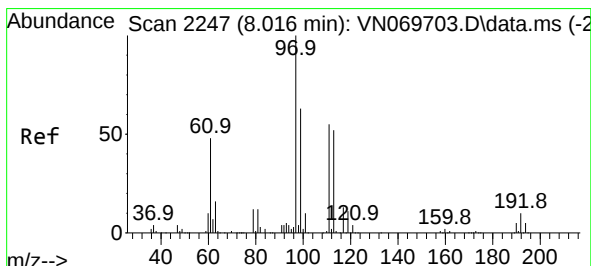
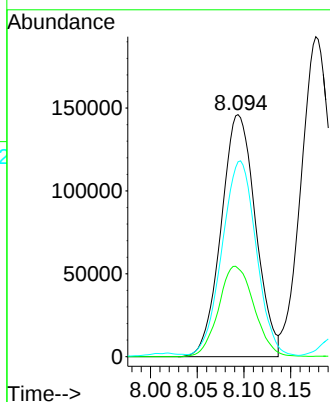
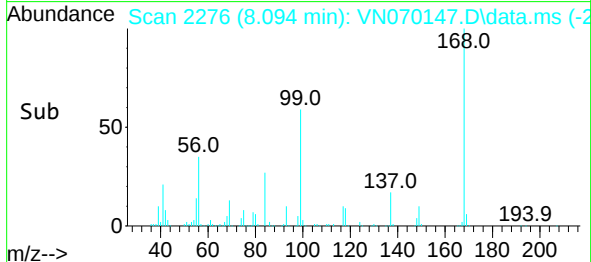
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01



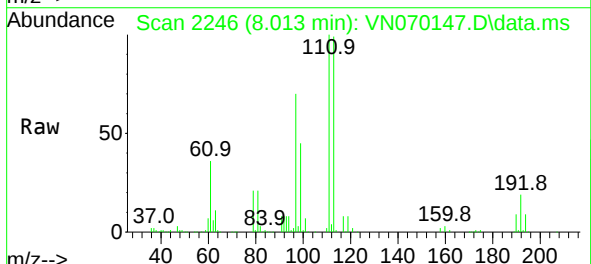
Tgt Ion: 56 Resp: 374389
Ion Ratio Lower Upper
56 100
69 36.5 27.1 40.7
84 79.5 73.4 110.0

Manual Integrations
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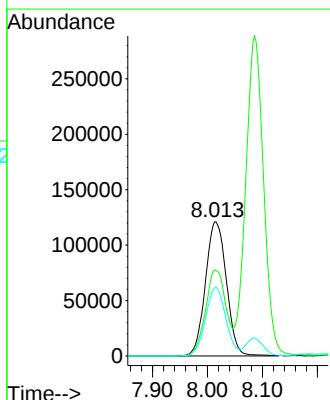
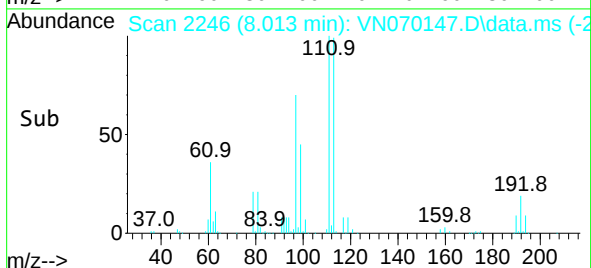
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

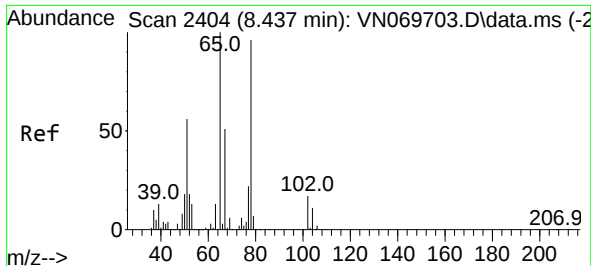


#32
1,1,1-Trichloroethane
Concen: 15.897 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14



Tgt Ion: 97 Resp: 320834
Ion Ratio Lower Upper
97 100
99 61.9 50.1 75.1
61 49.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 45.662 ug/l

RT: 8.440 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN070147.D

Acq: 16 Dec 2021 19:14

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBSD01

Tgt Ion: 65 Resp: 76105

Ion Ratio Lower Upper

65 100

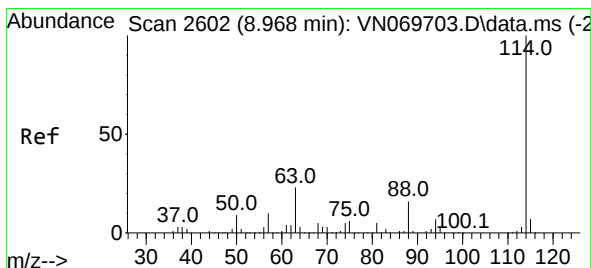
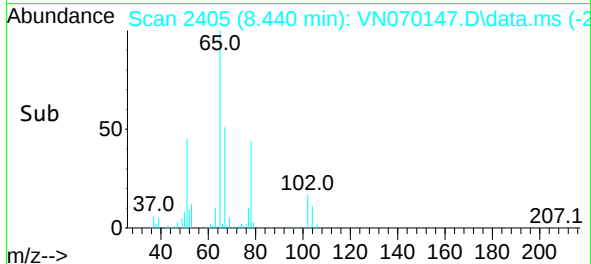
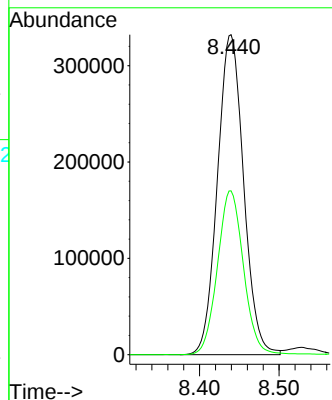
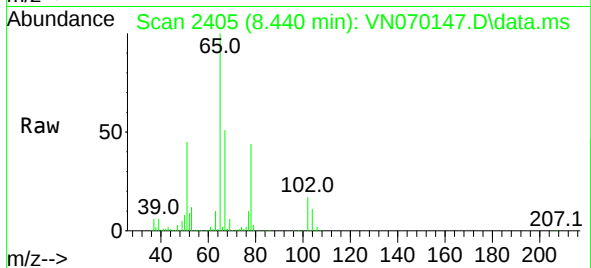
67 50.9 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/23/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN070147.D

Acq: 16 Dec 2021 19:14

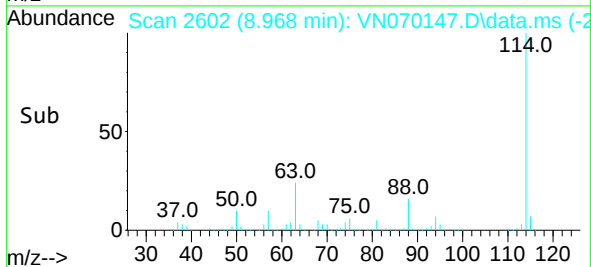
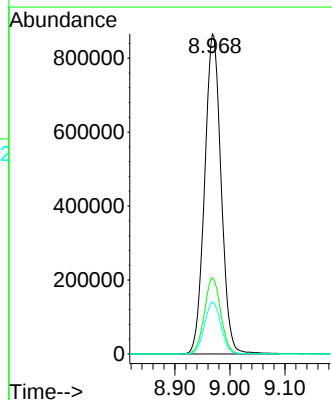
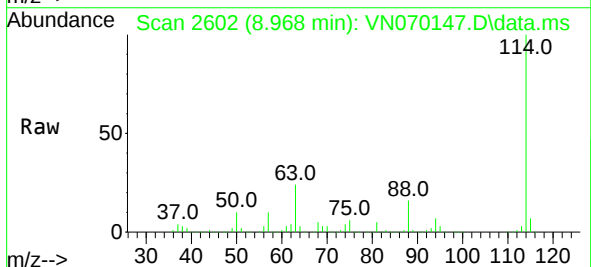
Tgt Ion:114 Resp: 1801739

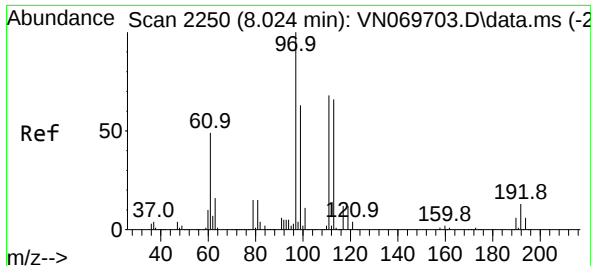
Ion Ratio Lower Upper

114 100

63 23.8 0.0 37.8

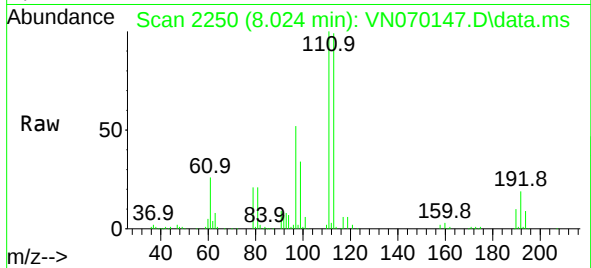
88 16.3 0.0 27.4





#35
Dibromofluoromethane
Concen: 45.028 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

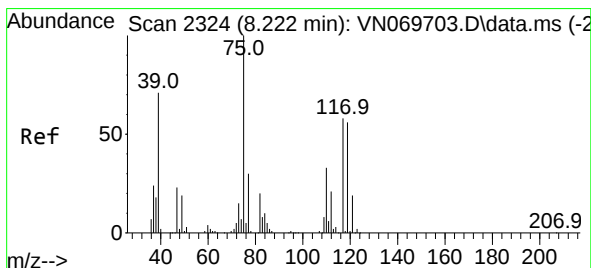
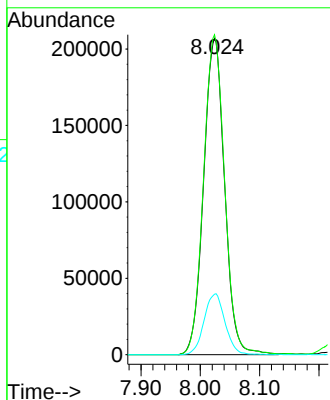
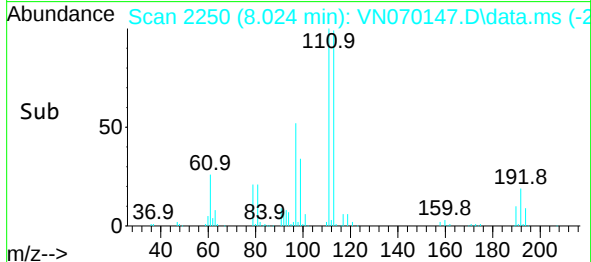
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01



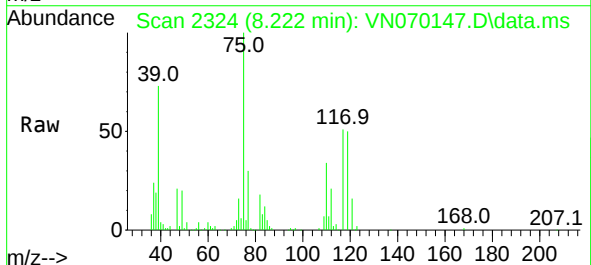
Tgt Ion: 113 Resp: 50817
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 19.3 16.9 25.3

Manual Integrations
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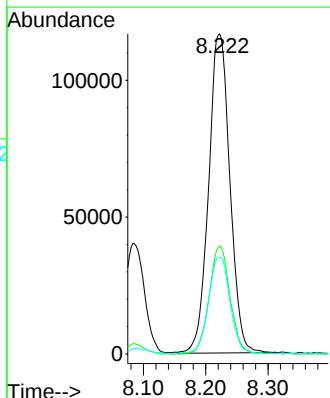
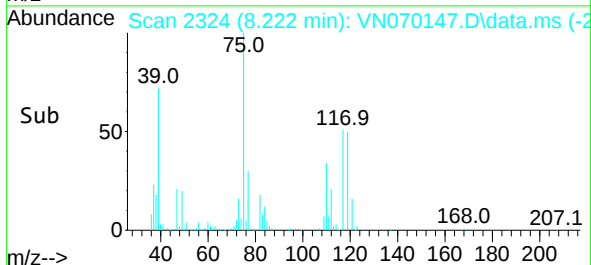
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

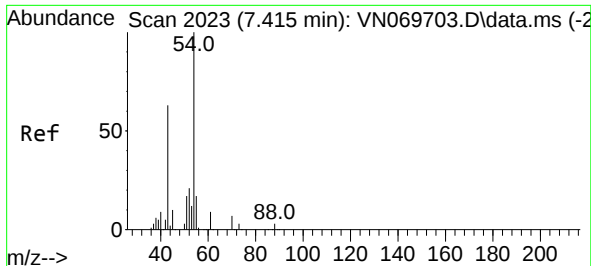


#36
1,1-Dichloropropene
Concen: 16.153 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14



Tgt Ion: 75 Resp: 277050
Ion Ratio Lower Upper
75 100
110 33.2 18.4 55.2
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 17.148 ug/l

RT: 7.418 min Scan# 20

Delta R.T. 0.003 min

Lab File: VN070147.D

Acq: 16 Dec 2021 19:14

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBSD01

Tgt Ion: 43 Resp: 437758

Ion Ratio Lower Upper

43 100

61 12.7 11.5 17.3

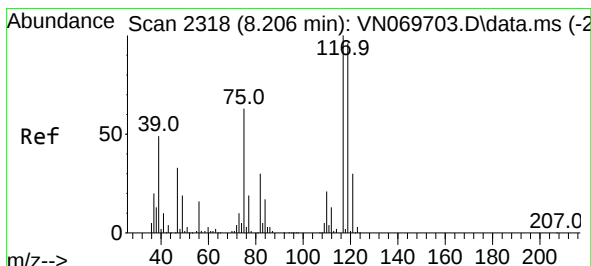
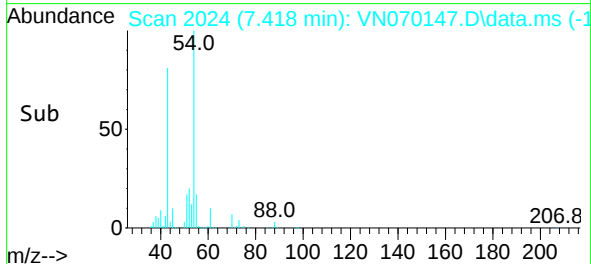
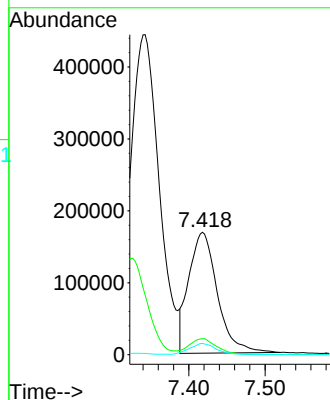
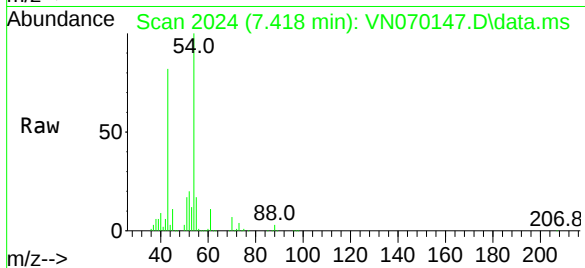
70 8.5 7.9 11.9

Manual Integrations

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Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/23/2021



#38

Carbon Tetrachloride

Concen: 13.944 ug/l

RT: 8.209 min Scan# 2319

Delta R.T. 0.003 min

Lab File: VN070147.D

Acq: 16 Dec 2021 19:14

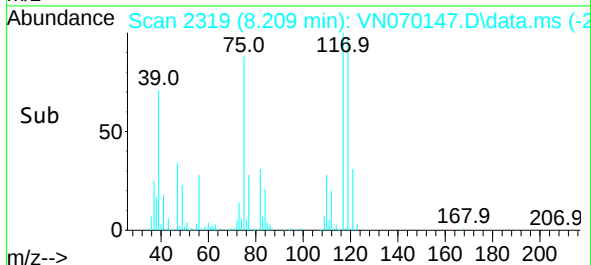
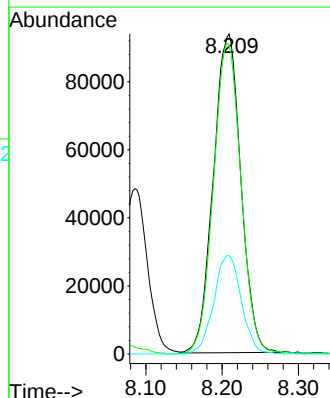
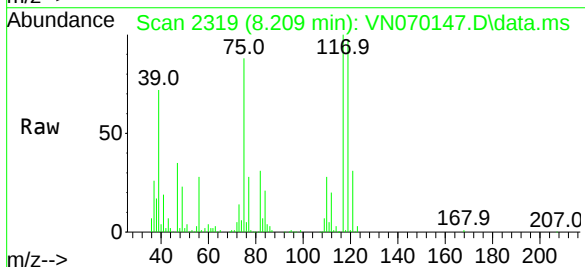
Tgt Ion:117 Resp: 234534

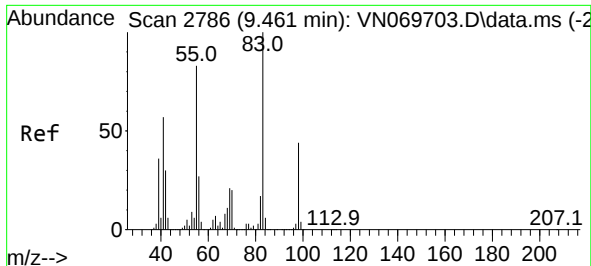
Ion Ratio Lower Upper

117 100

119 96.9 76.1 114.1

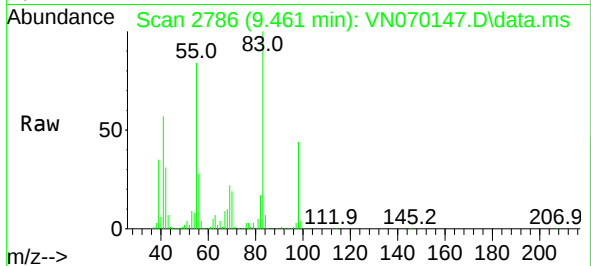
121 30.9 24.2 36.2





#39
Methylcyclohexane
Concen: 15.599 ug/l
RT: 9.461 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

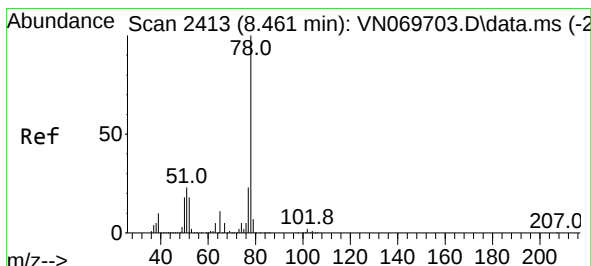
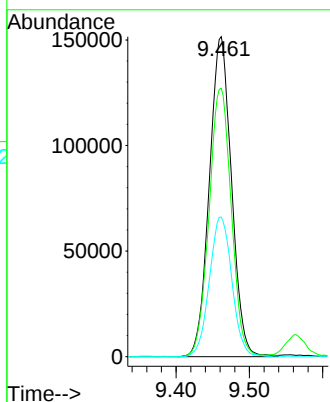
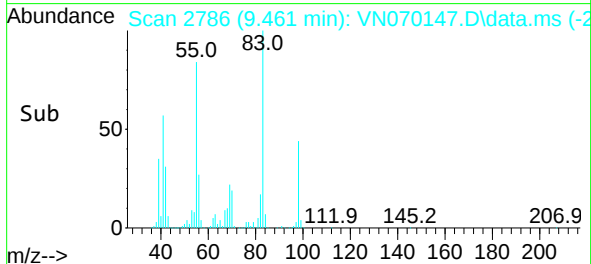
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01



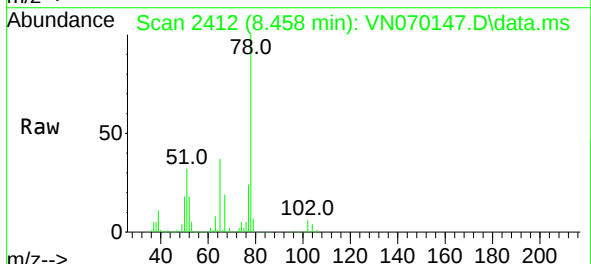
Tgt Ion: 83 Resp: 31824
Ion Ratio Lower Upper
83 100
55 83.9 58.1 87.1
98 43.6 38.4 57.6

Manual Integrations
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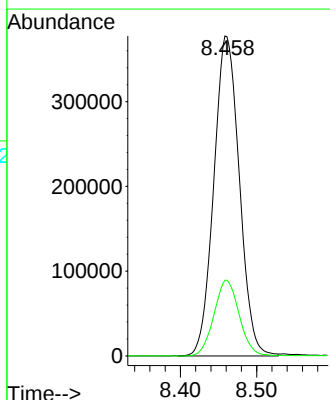
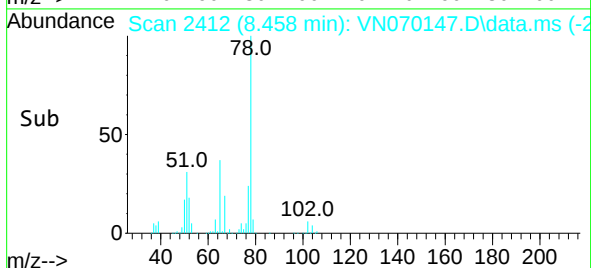
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

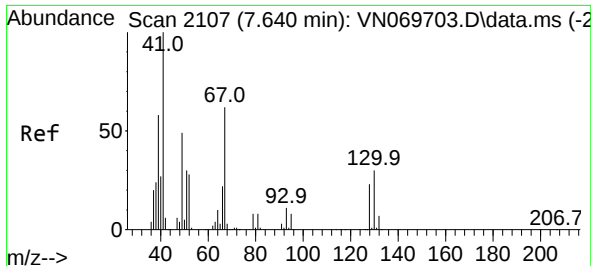


#40
Benzene
Concen: 16.723 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14



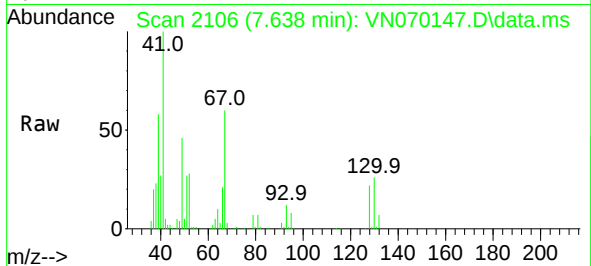
Tgt Ion: 78 Resp: 876738
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8





#41
Methacrylonitrile
Concen: 17.972 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

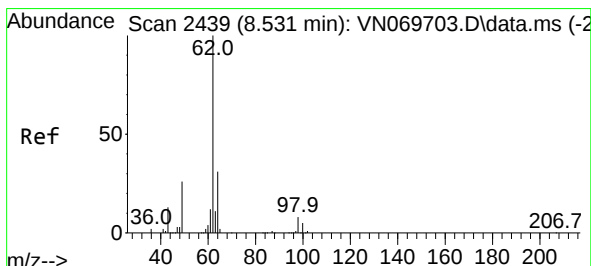
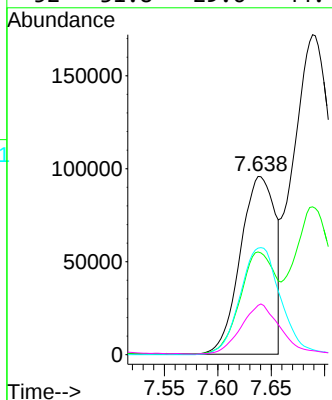
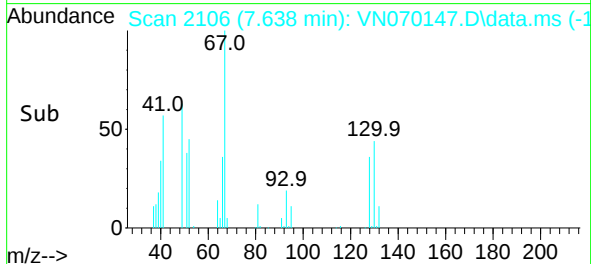
Instrument :
MSVOA_N
Client Sample Id :
VN1216WBSD01



Tgt Ion: 41 Resp: 215372
Ion Ratio Lower Upper
41 100
39 60.1 48.1 72.1
67 71.1 68.3 102.5
52 31.8 29.6 44.4

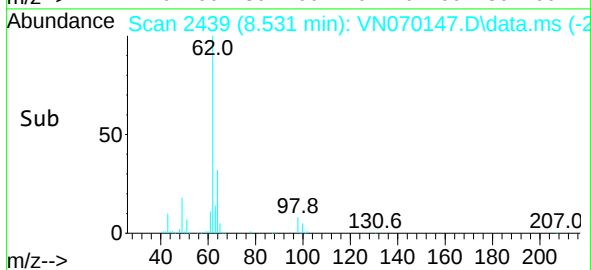
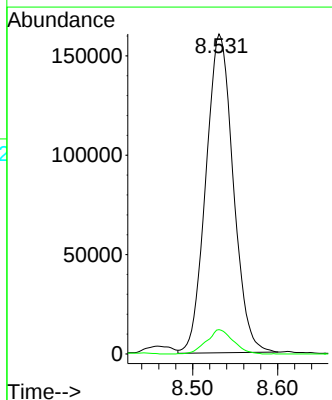
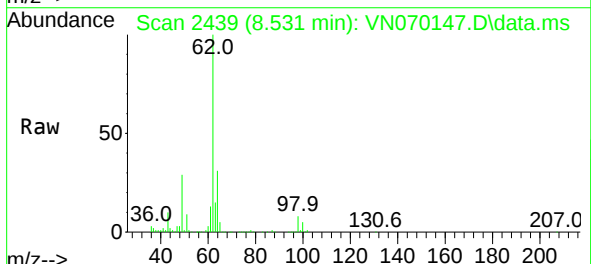
Manual Integrations
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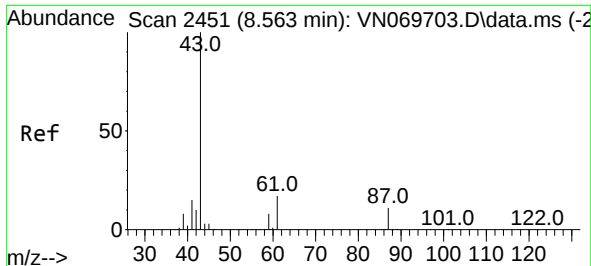
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#42
1,2-Dichloroethane
Concen: 16.955 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

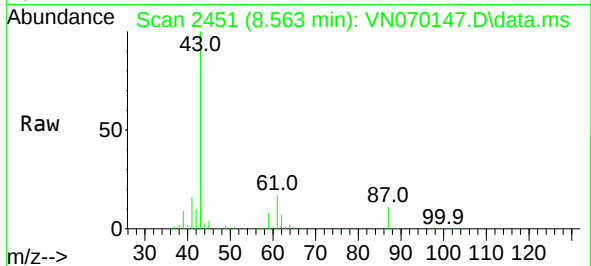
Tgt Ion: 62 Resp: 358823
Ion Ratio Lower Upper
62 100
98 7.5 0.0 17.6





#43
Isopropyl Acetate
Concen: 17.220 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

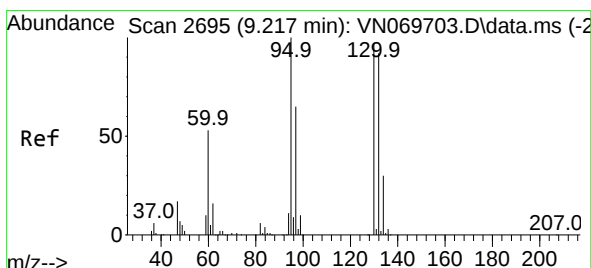
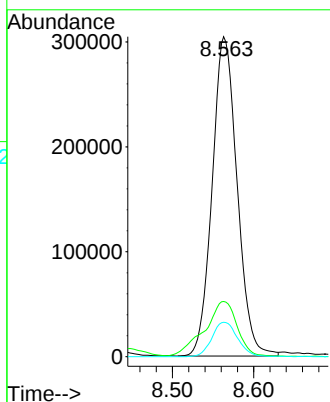
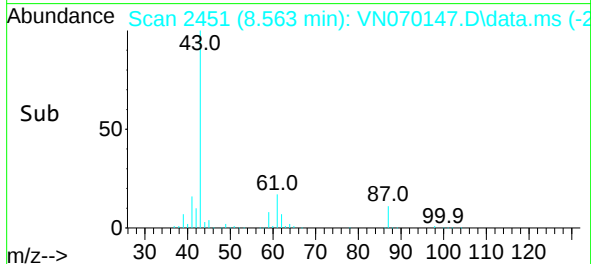
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01



Tgt Ion: 43 Resp: 650524
Ion Ratio Lower Upper
43 100
61 22.5 20.4 30.6
87 11.1 11.2 16.8

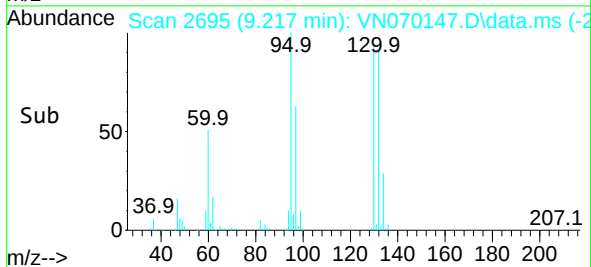
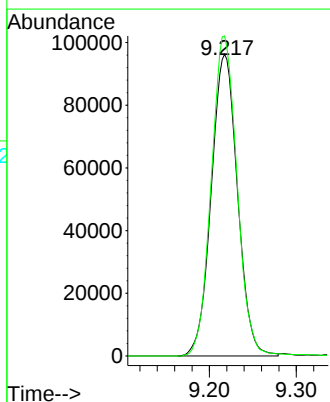
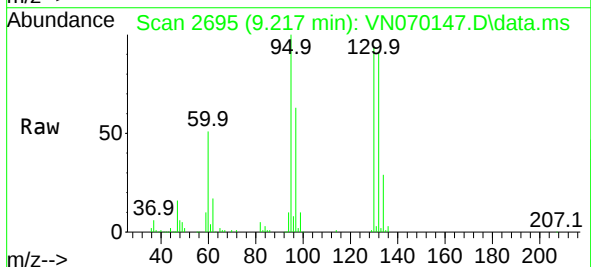
Manual Integrations
APPROVED

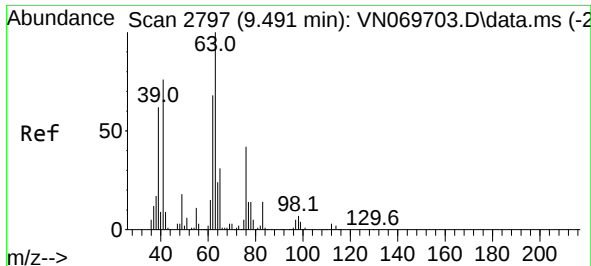
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#44
Trichloroethene
Concen: 16.109 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

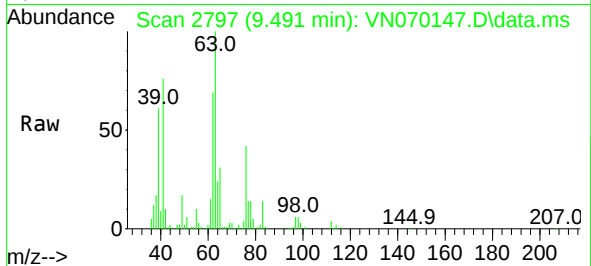
Tgt Ion:130 Resp: 201571
Ion Ratio Lower Upper
130 100
95 106.0 0.0 191.2





#45
1,2-Dichloropropane
Concen: 17.106 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

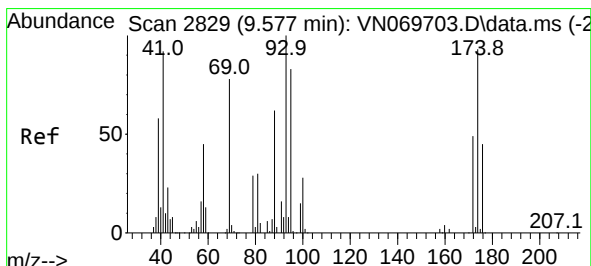
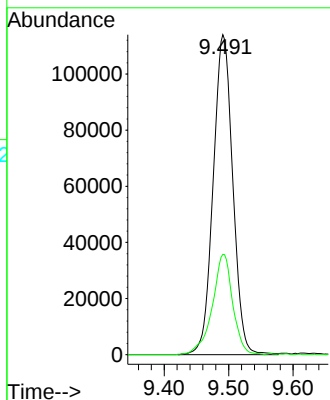
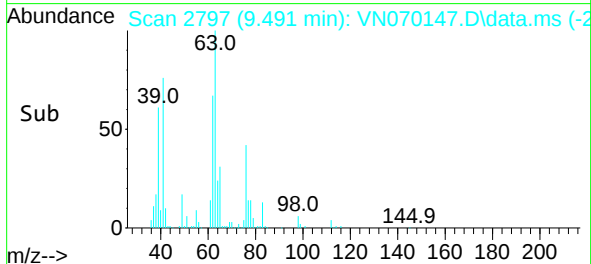
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01



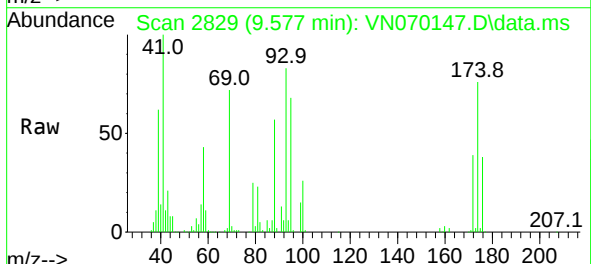
Tgt Ion: 63 Resp: 24082
Ion Ratio Lower Upper
63 100
65 31.2 24.7 37.1

Manual Integrations
APPROVED

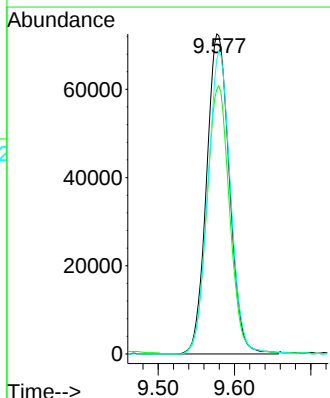
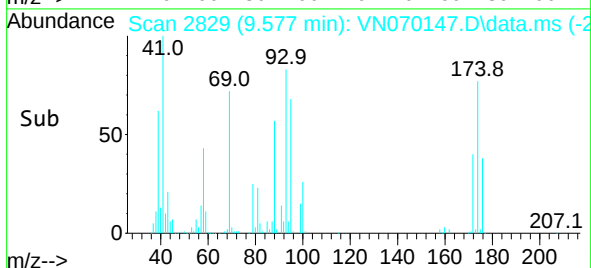
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

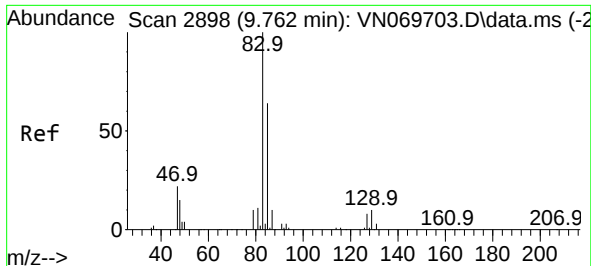


#46
Dibromomethane
Concen: 16.361 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14



Tgt Ion: 93 Resp: 151066
Ion Ratio Lower Upper
93 100
95 83.7 65.9 98.9
174 94.2 84.6 127.0





#47

Bromodichloromethane

Concen: 15.429 ug/l

RT: 9.765 min Scan# 2899

Delta R.T. 0.003 min

Lab File: VN070147.D

Acq: 16 Dec 2021 19:14

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBSD01

Tgt Ion: 83 Resp: 26973

Ion Ratio Lower Upper

83 100

85 61.7 50.9 76.3

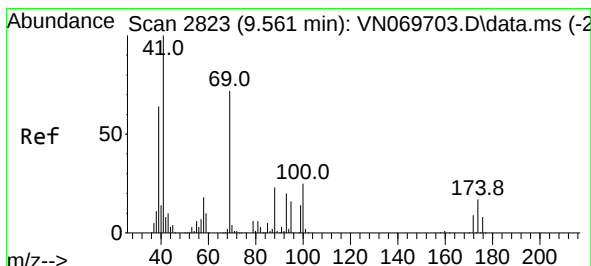
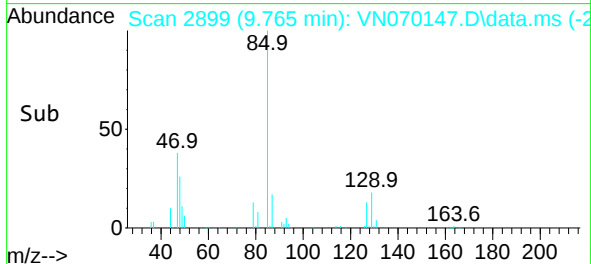
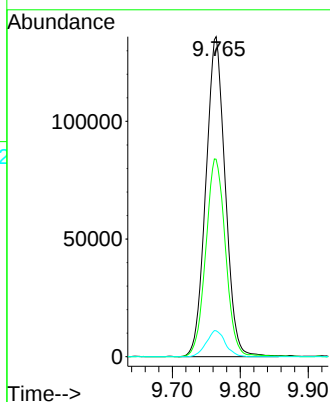
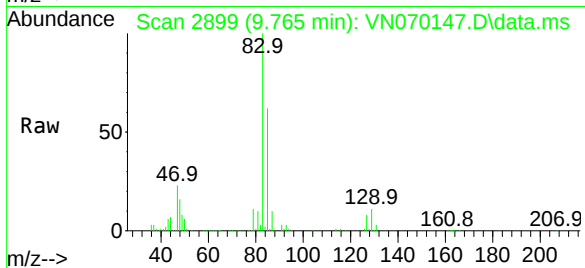
127 8.1 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/23/2021



#48

Methyl methacrylate

Concen: 16.956 ug/l

RT: 9.561 min Scan# 2823

Delta R.T. -0.000 min

Lab File: VN070147.D

Acq: 16 Dec 2021 19:14

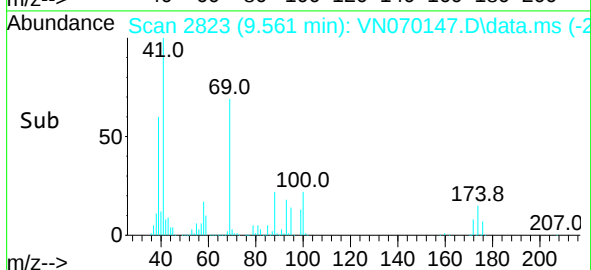
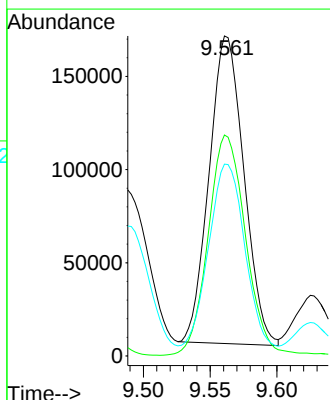
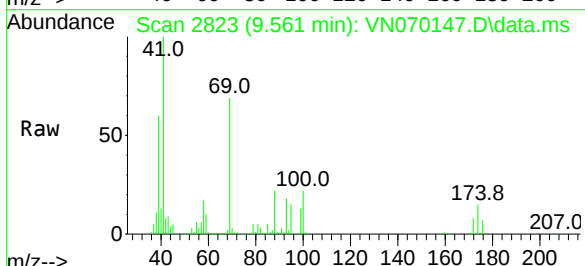
Tgt Ion: 41 Resp: 298929

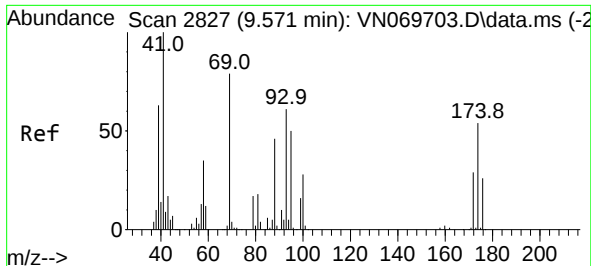
Ion Ratio Lower Upper

41 100

69 77.2 72.4 108.6

39 67.0 58.4 87.6





#49

1,4-Dioxane

Concen: 357.832 ug/l

RT: 9.574 min Scan# 2827

Delta R.T. 0.003 min

Lab File: VN070147.D

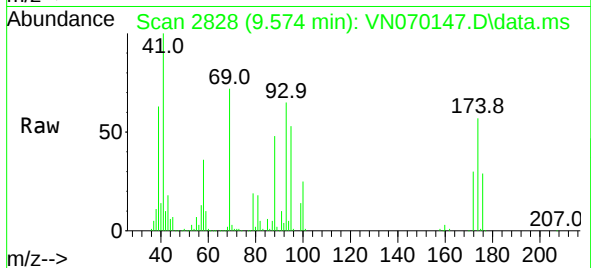
Acq: 16 Dec 2021 19:14

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBSD01



Tgt Ion: 88 Resp: 113190

Ion Ratio Lower Upper

88 100

43 35.4 23.4 35.2

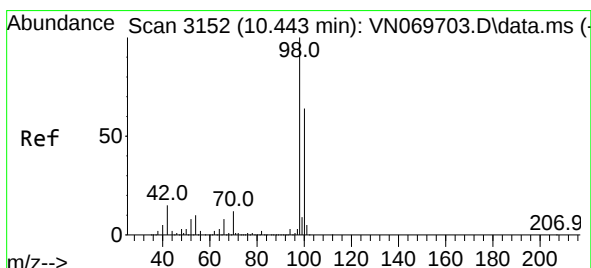
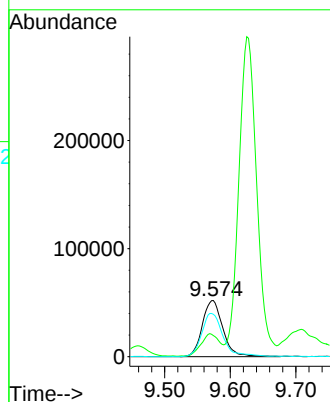
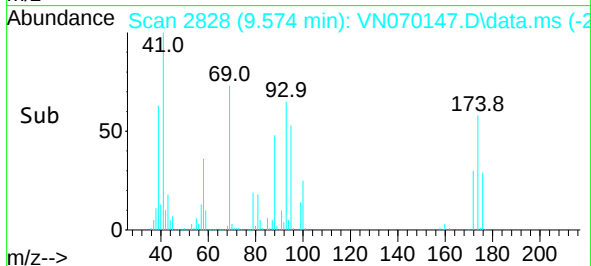
58 80.1 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/23/2021



#50

Toluene-d8

Concen: 44.677 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.000 min

Lab File: VN070147.D

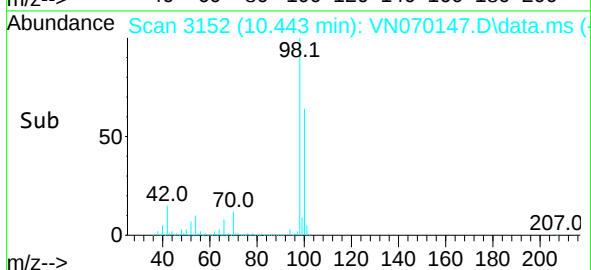
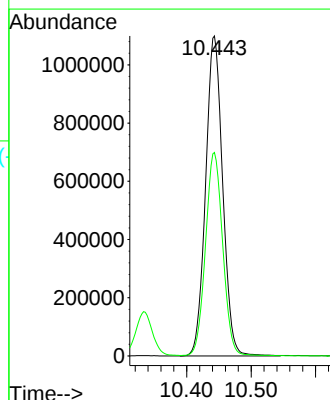
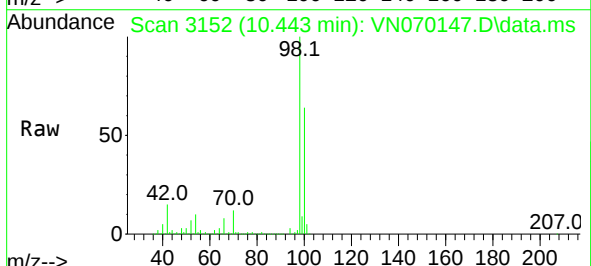
Acq: 16 Dec 2021 19:14

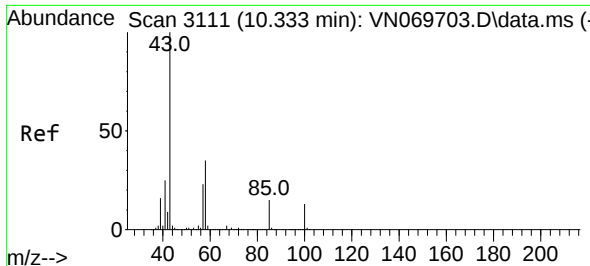
Tgt Ion: 98 Resp: 2024555

Ion Ratio Lower Upper

98 100

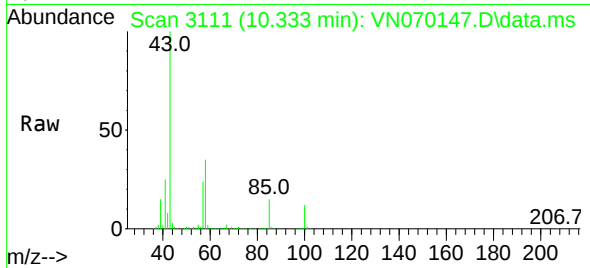
100 63.8 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 94.778 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

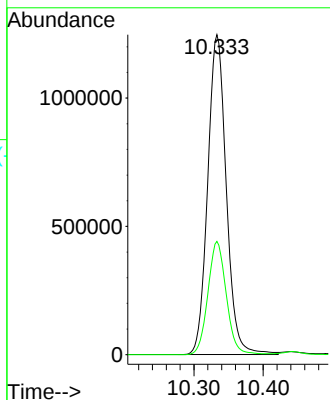
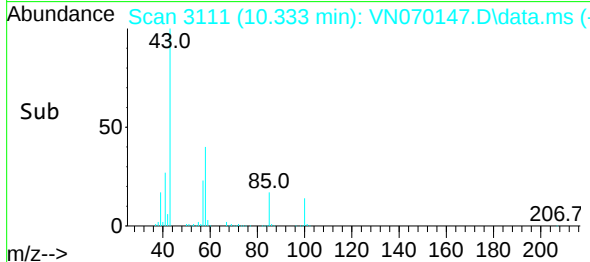
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01



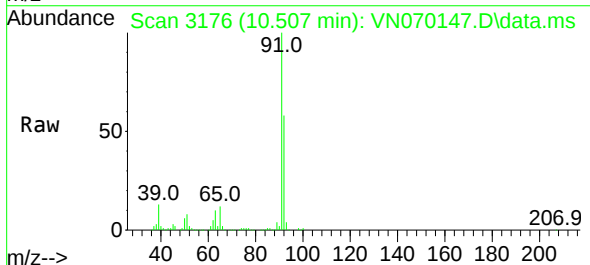
Tgt Ion: 43 Resp: 2322784
Ion Ratio Lower Upper
43 100
58 35.2 30.4 45.6

Manual Integrations
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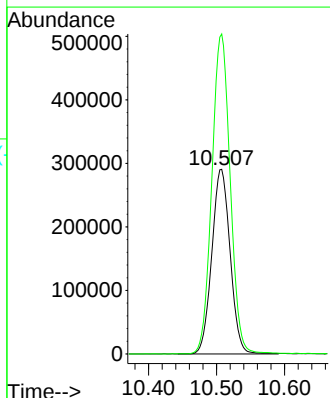
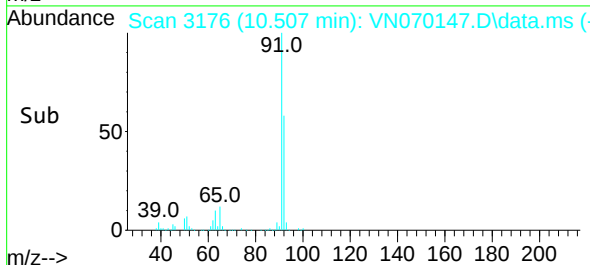
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#52
Toluene
Concen: 16.997 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14



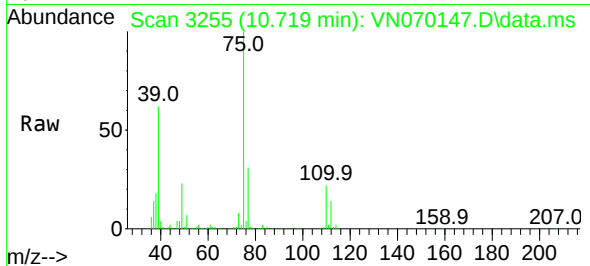
Tgt Ion: 92 Resp: 544031
Ion Ratio Lower Upper
92 100
91 173.2 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 15.140 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

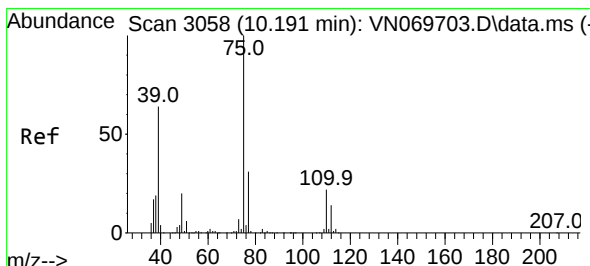
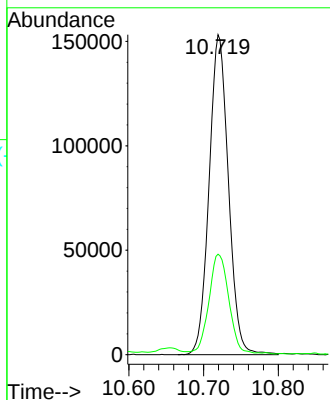
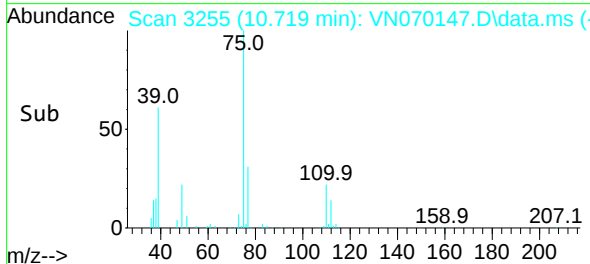
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01



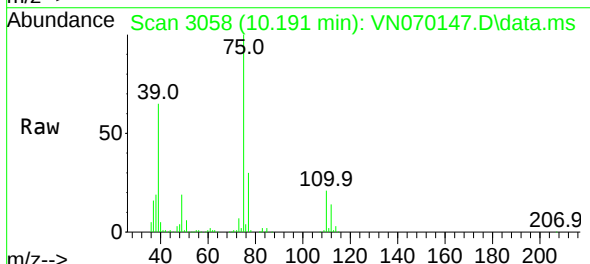
Tgt Ion: 75 Resp: 27499
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4

Manual Integrations
APPROVED

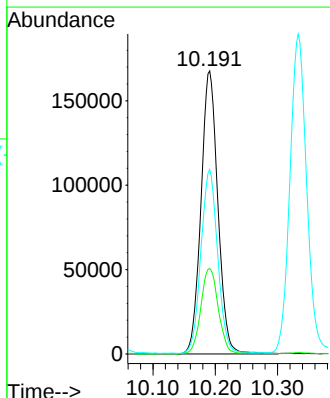
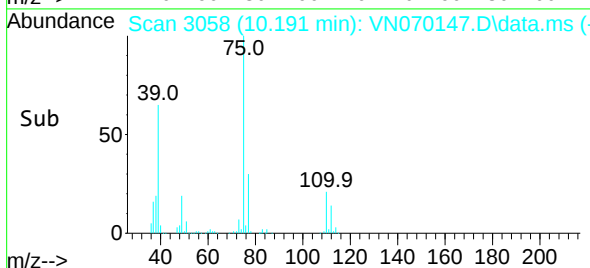
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

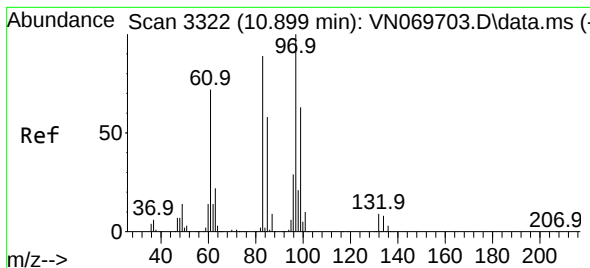


#54
cis-1,3-Dichloropropene
Concen: 15.755 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14



Tgt Ion: 75 Resp: 316244
Ion Ratio Lower Upper
75 100
77 30.2 26.4 39.6
39 64.9 42.5 63.7#





#55

1,1,2-Trichloroethane

Concen: 17.093 ug/l

RT: 10.899 min Scan# 3322

Delta R.T. 0.000 min

Lab File: VN070147.D

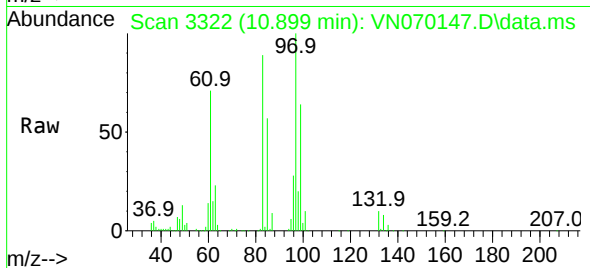
Acq: 16 Dec 2021 19:14

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBSD01



Tgt Ion: 97 Resp: 22075

Ion Ratio Lower Upper

97 100

83 88.7 67.8 101.6

85 56.7 45.4 68.2

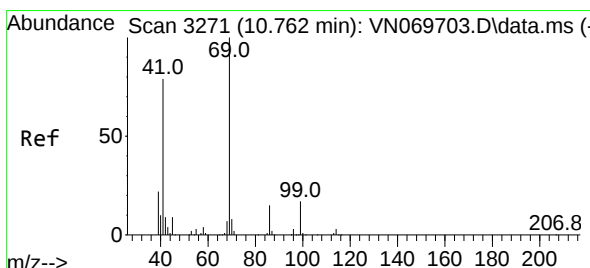
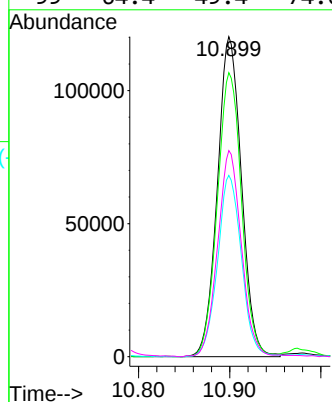
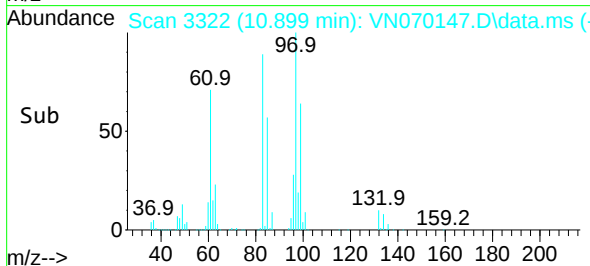
99 64.4 49.4 74.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/23/2021



#56

Ethyl methacrylate

Concen: 16.640 ug/l

RT: 10.762 min Scan# 3271

Delta R.T. 0.000 min

Lab File: VN070147.D

Acq: 16 Dec 2021 19:14

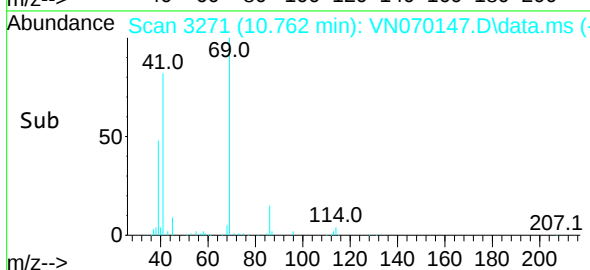
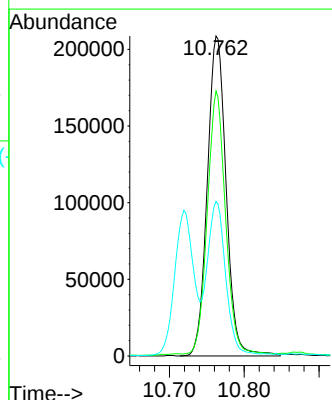
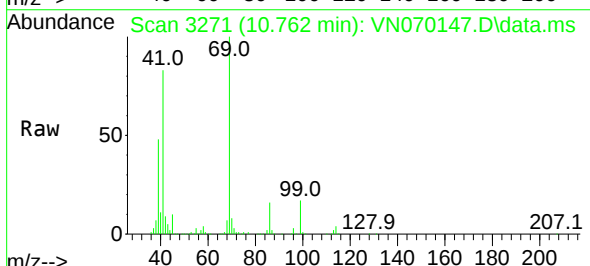
Tgt Ion: 69 Resp: 366656

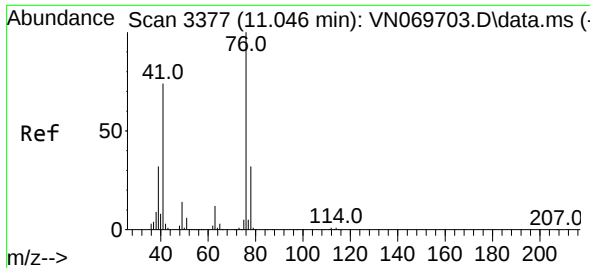
Ion Ratio Lower Upper

69 100

41 79.0 51.4 77.0#

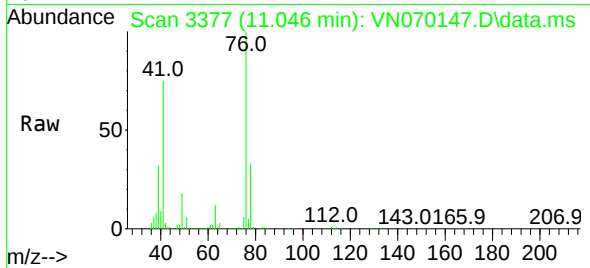
39 47.0 34.6 52.0





#57
1,3-Dichloropropane
Concen: 17.230 ug/l
RT: 11.046 min Scan# 3377
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

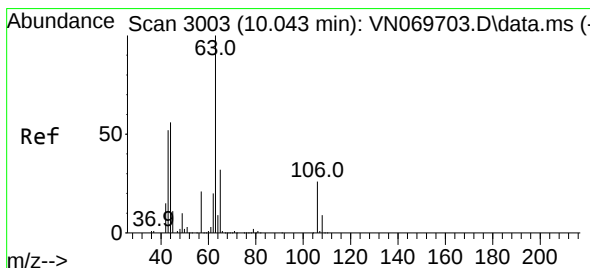
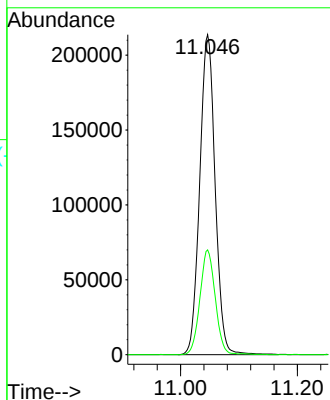
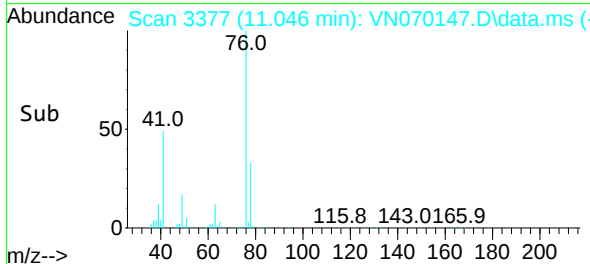
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01



Tgt Ion: 76 Resp: 39179
Ion Ratio Lower Upper
76 100
78 32.4 25.7 38.5

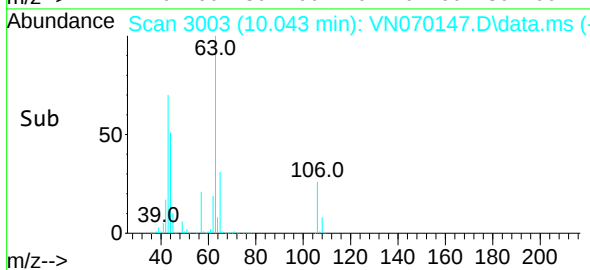
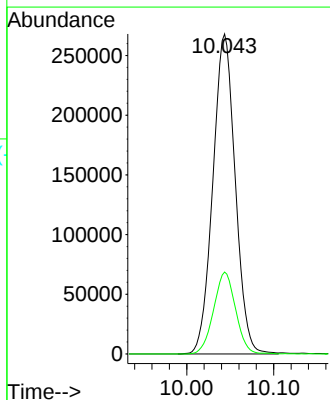
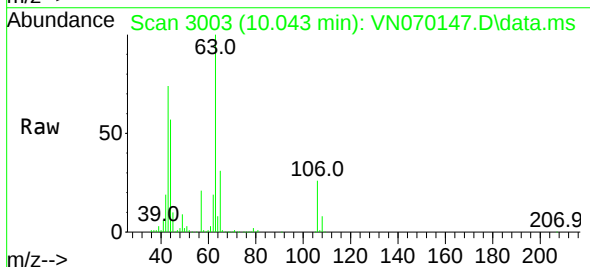
Manual Integrations
APPROVED

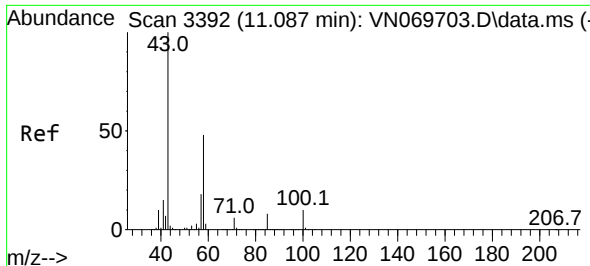
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#58
2-Chloroethyl Vinyl ether
Concen: 85.832 ug/l
RT: 10.043 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

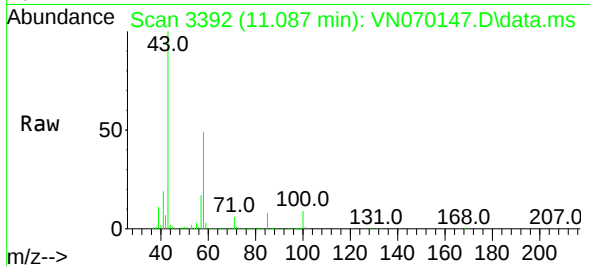
Tgt Ion: 63 Resp: 479036
Ion Ratio Lower Upper
63 100
106 25.2 23.9 35.9





#59
2-Hexanone
Concen: 89.966 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

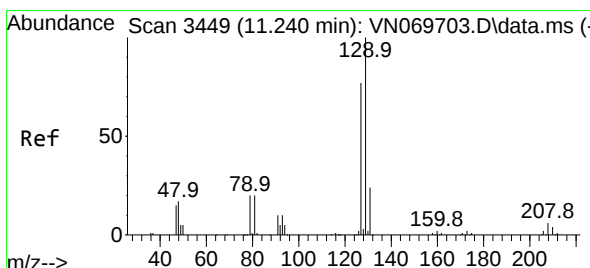
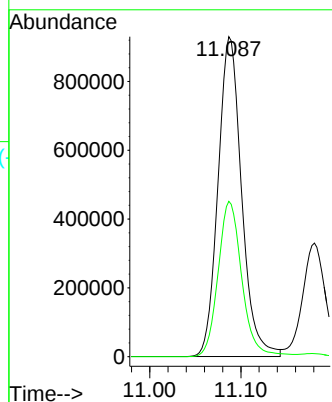
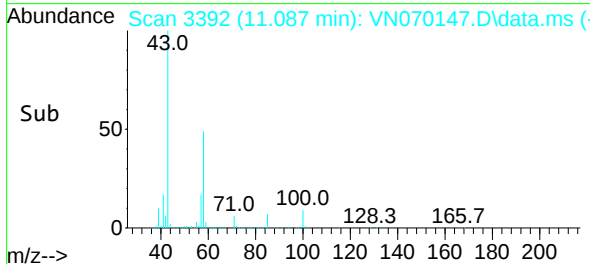
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01



Tgt Ion: 43 Resp: 166791
Ion Ratio Lower Upper
43 100
58 49.0 26.9 80.7

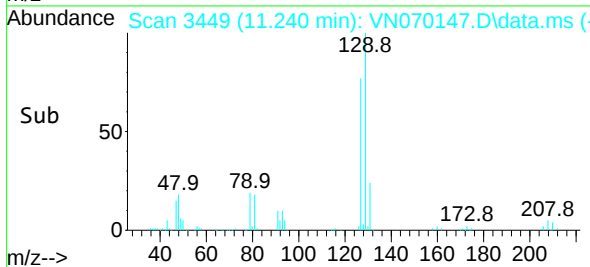
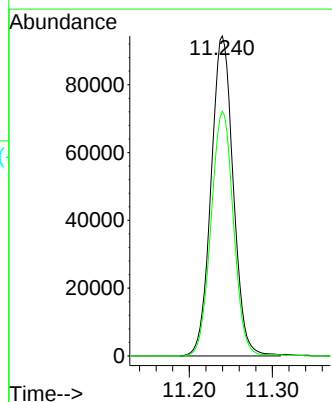
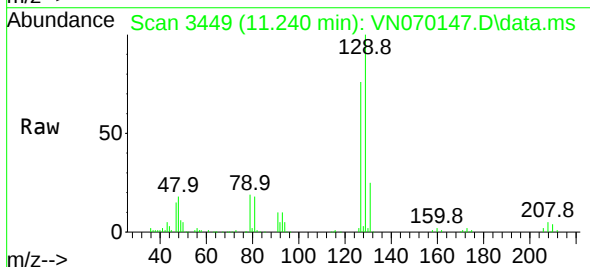
Manual Integrations
APPROVED

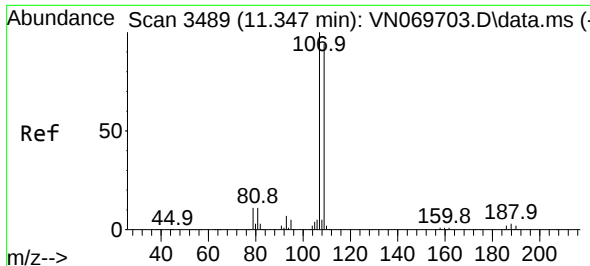
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#60
Dibromochloromethane
Concen: 14.411 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

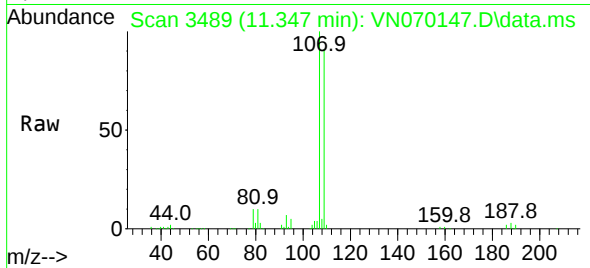
Tgt Ion:129 Resp: 174840
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 16.286 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

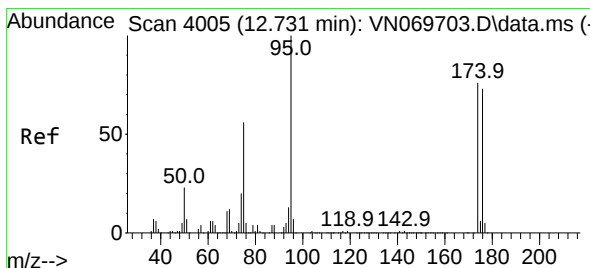
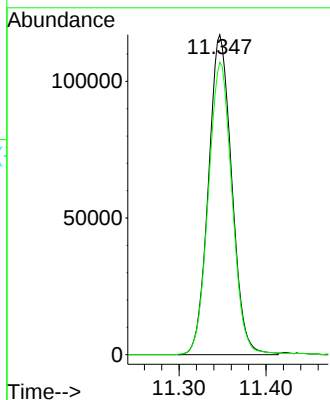
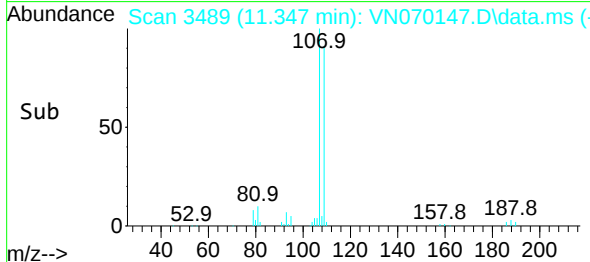
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01



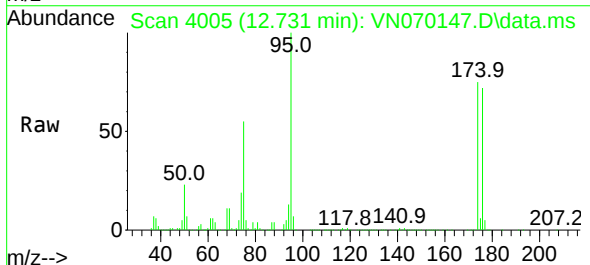
Tgt Ion:107 Resp: 217850
Ion Ratio Lower Upper
107 100
109 93.0 75.7 113.5

Manual Integrations
APPROVED

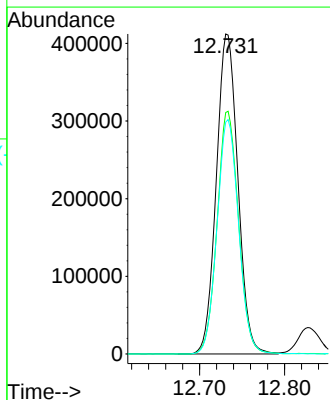
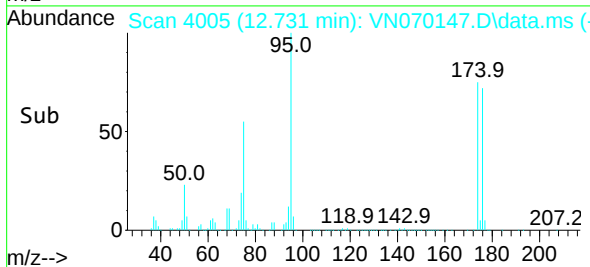
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

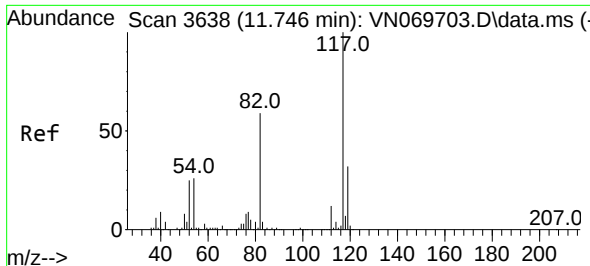


#62
4-Bromofluorobenzene
Concen: 44.201 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14



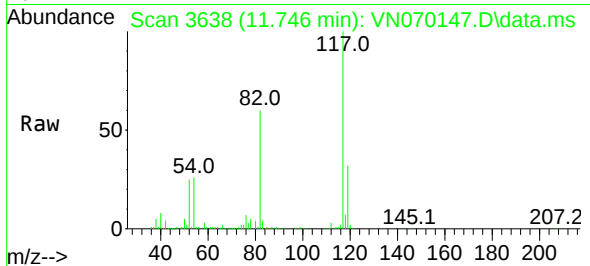
Tgt Ion: 95 Resp: 725641
Ion Ratio Lower Upper
95 100
174 75.4 0.0 187.2
176 73.3 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

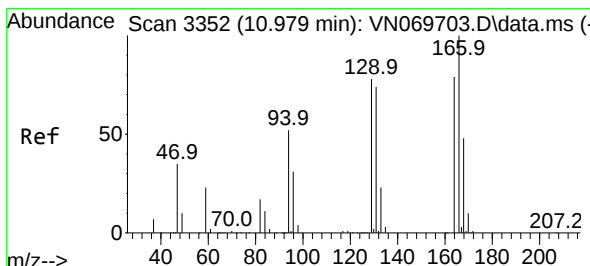
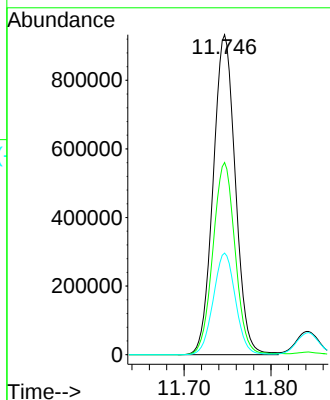
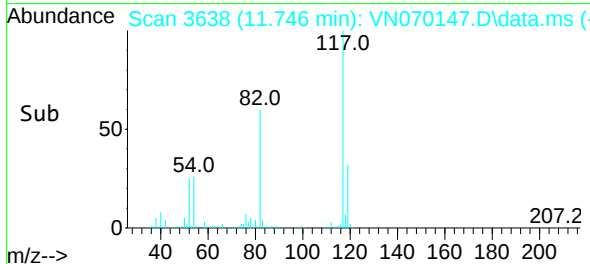
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01



Tgt Ion:117 Resp: 165414
Ion Ratio Lower Upper
117 100
82 60.0 42.4 63.6
119 31.7 25.4 38.2

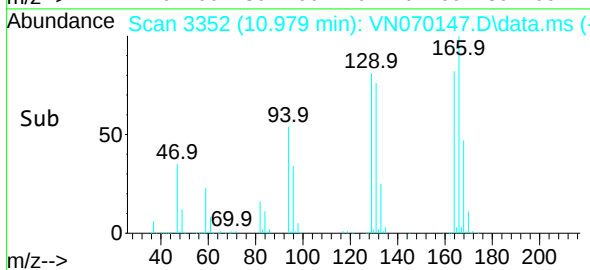
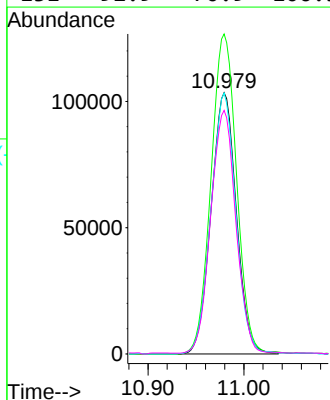
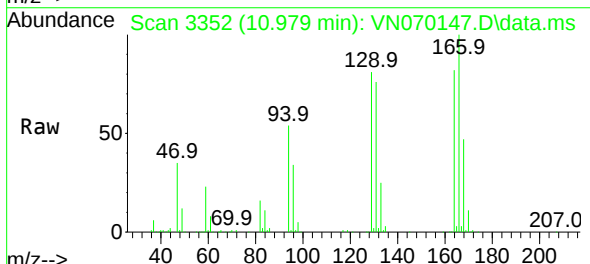
Manual Integrations
APPROVED

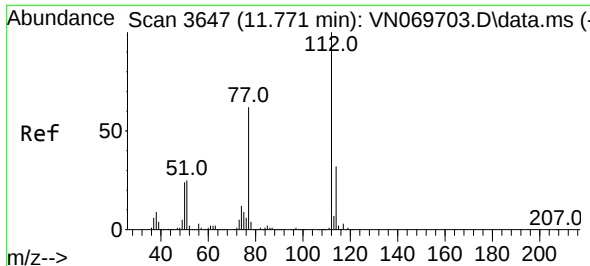
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#64
Tetrachloroethene
Concen: 16.850 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

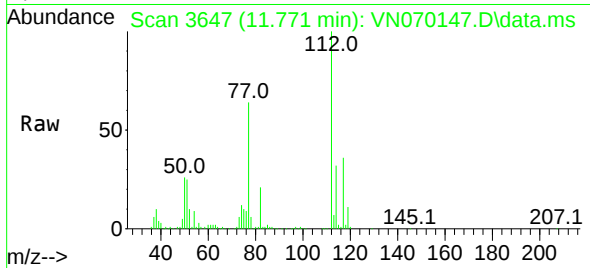
Tgt Ion:164 Resp: 188989
Ion Ratio Lower Upper
164 100
166 122.5 101.9 152.9
129 99.6 72.0 108.0
131 92.9 70.9 106.3





#65
Chlorobenzene
Concen: 16.926 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

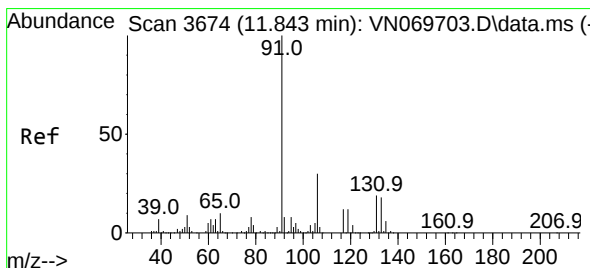
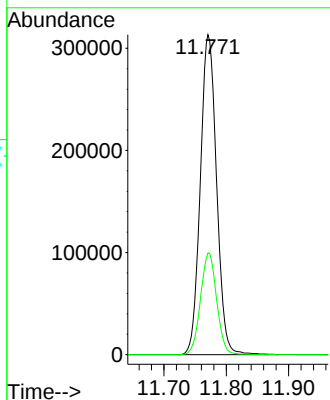
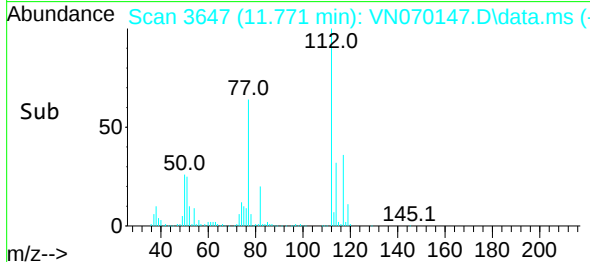
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01



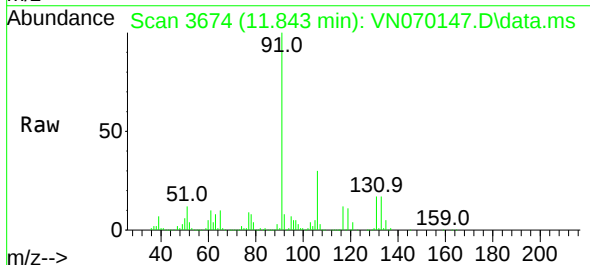
Tgt Ion:112 Resp: 567990
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0

Manual Integrations
APPROVED

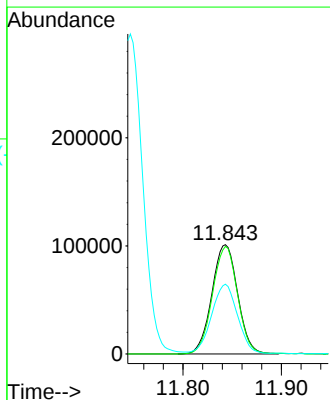
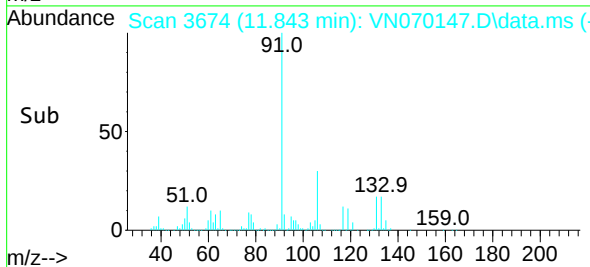
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 15.644 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14



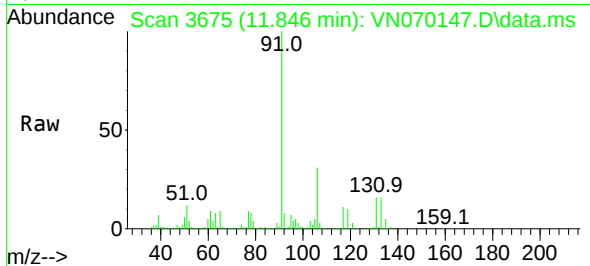
Tgt Ion:131 Resp: 184777
Ion Ratio Lower Upper
131 100
133 95.5 47.9 143.7
119 63.0 32.1 96.5





#67
Ethyl Benzene
Concen: 17.263 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

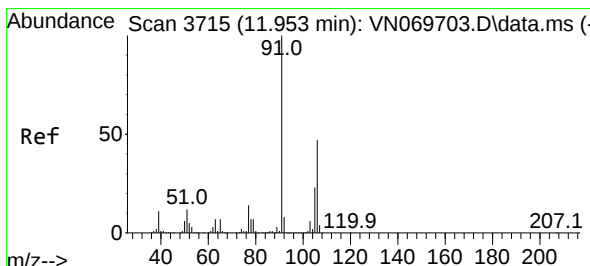
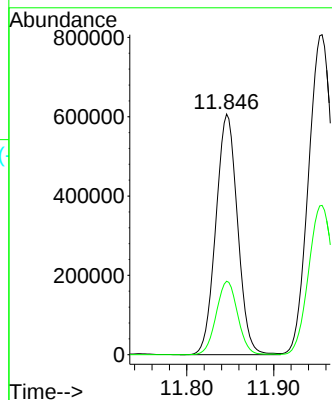
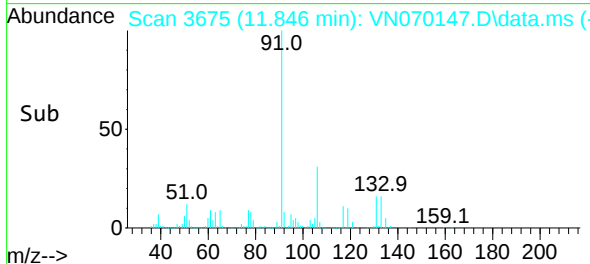
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01



Tgt Ion: 91 Resp: 105230
Ion Ratio Lower Upper
91 100
106 30.5 25.7 38.5

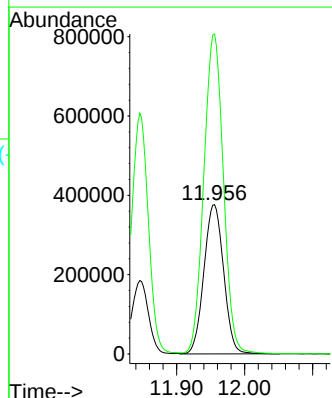
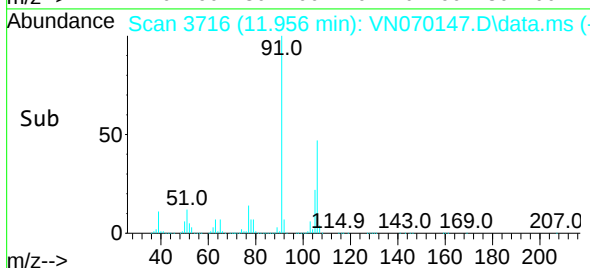
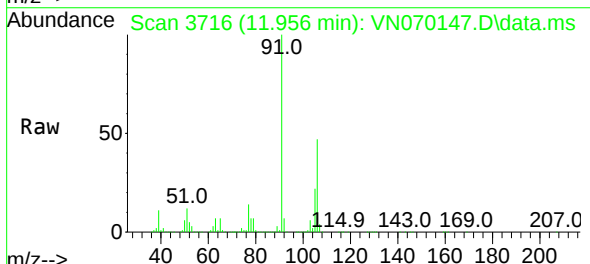
Manual Integrations
APPROVED

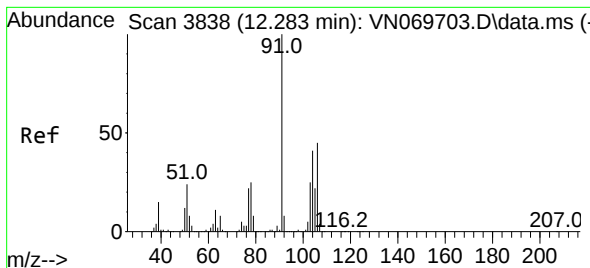
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#68
m/p-Xylenes
Concen: 34.149 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

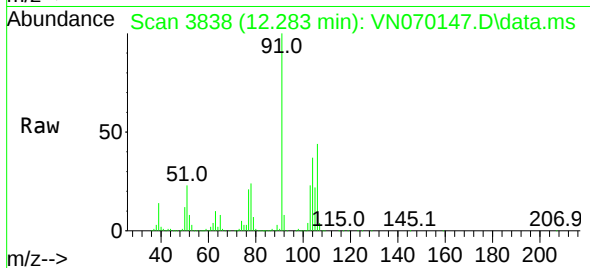
Tgt Ion:106 Resp: 757924
Ion Ratio Lower Upper
106 100
91 212.7 160.6 240.8





#69
o-Xylene
Concen: 17.184 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

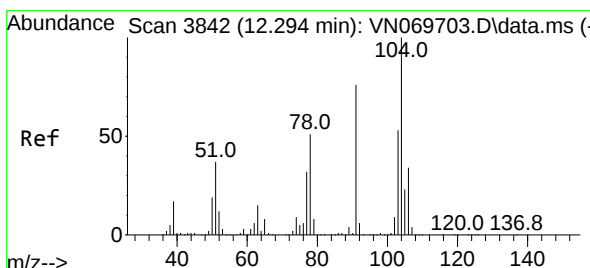
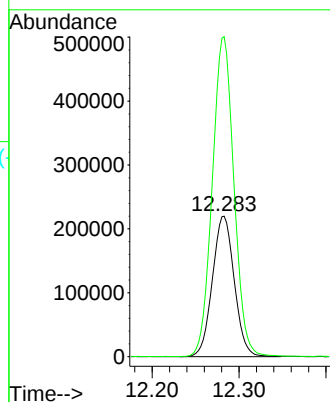
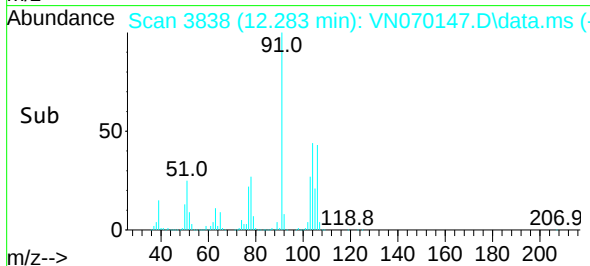
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01



Tgt Ion:106 Resp: 384174
Ion Ratio Lower Upper
106 100
91 225.6 105.8 317.3

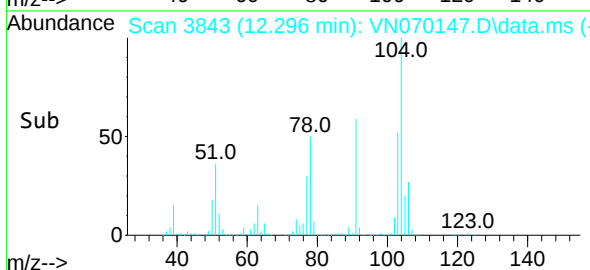
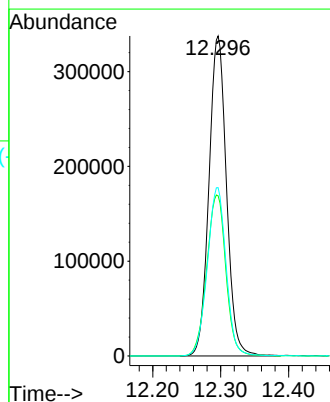
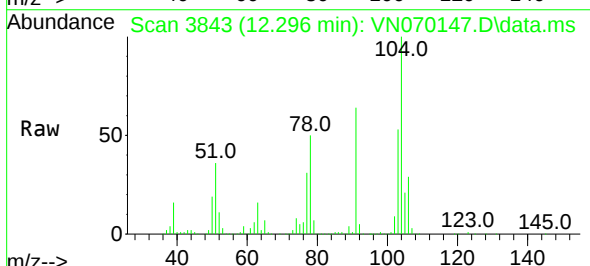
Manual Integrations
APPROVED

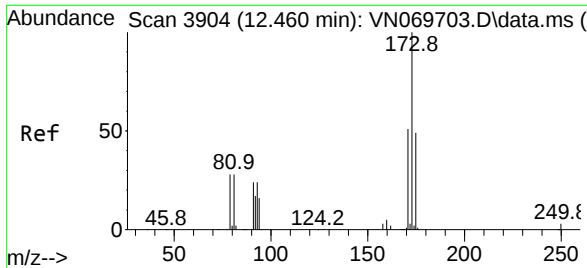
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#70
Styrene
Concen: 17.072 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.002 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

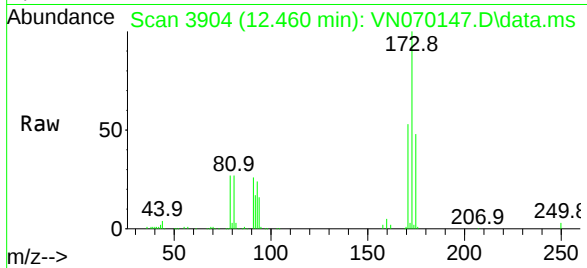
Tgt Ion:104 Resp: 605220
Ion Ratio Lower Upper
104 100
78 55.1 38.7 58.1
103 56.3 45.0 67.6





#71
Bromoform
Concen: 13.844 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

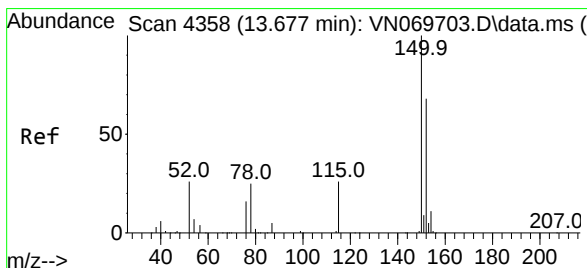
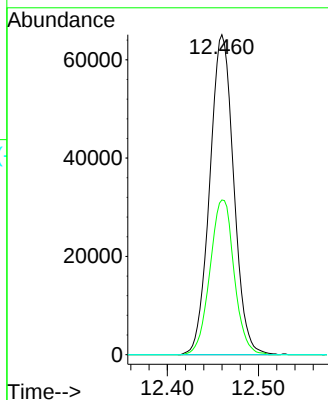
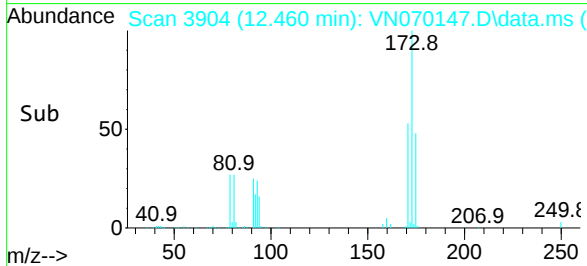
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01



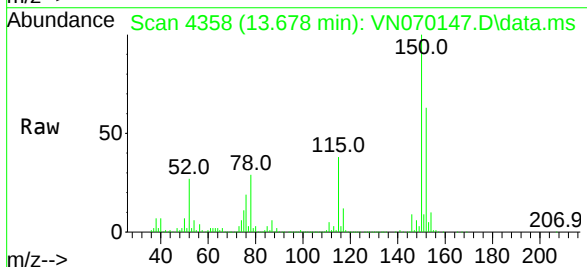
Tgt Ion:173 Resp: 11875
Ion Ratio Lower Upper
173 100
175 48.9 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

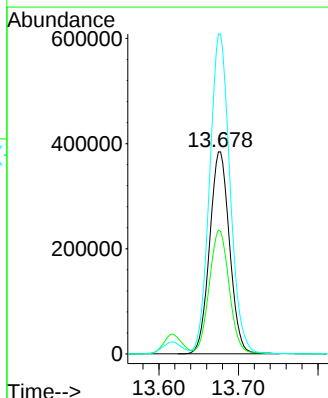
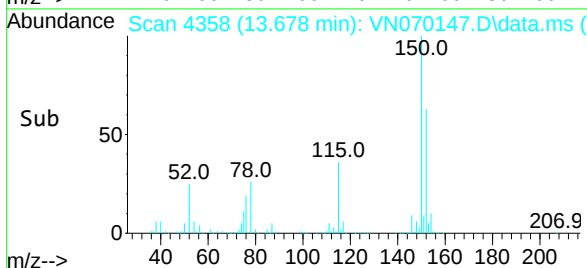
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

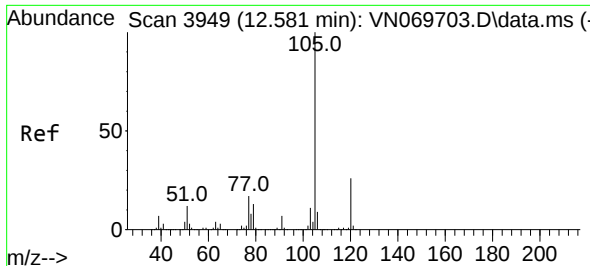


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14



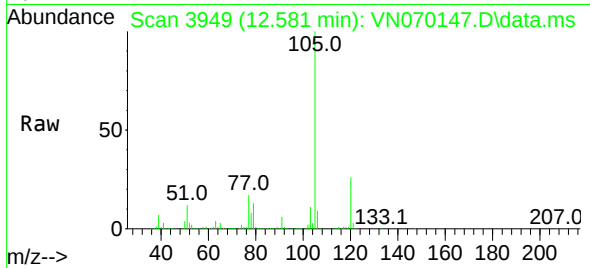
Tgt Ion:152 Resp: 669320
Ion Ratio Lower Upper
152 100
115 61.2 27.5 82.5
150 161.7 0.0 344.4





#73
Isopropylbenzene
Concen: 17.046 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

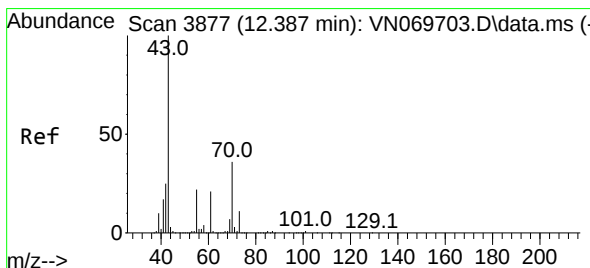
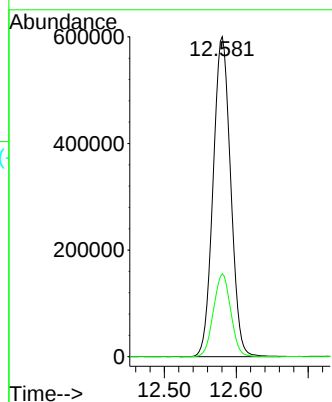
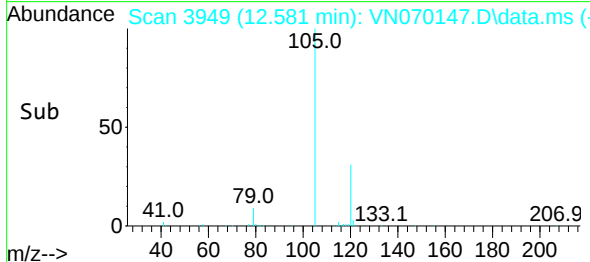
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01



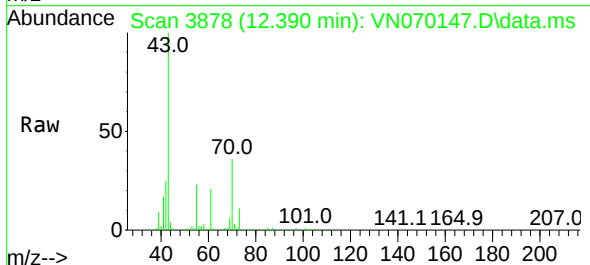
Tgt Ion:105 Resp: 1015118
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1

Manual Integrations
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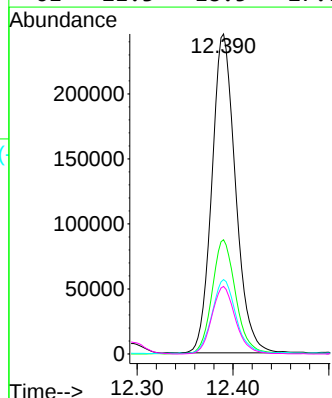
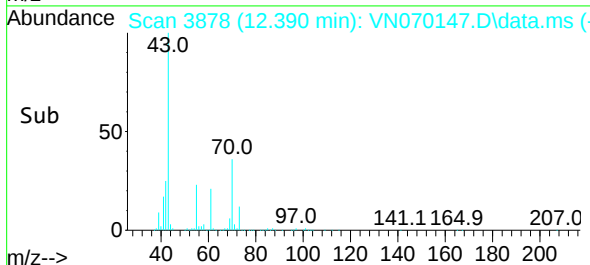
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

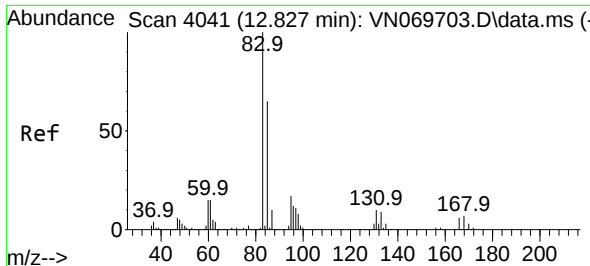


#74
N-ethyl acetate
Concen: 15.912 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.003 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14



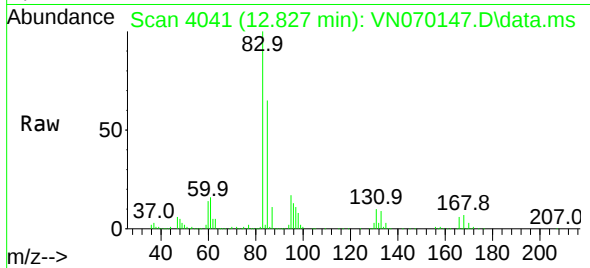
Tgt Ion: 43 Resp: 419046
Ion Ratio Lower Upper
43 100
70 36.0 33.4 50.0
55 23.2 19.3 28.9
61 21.3 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 17.137 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

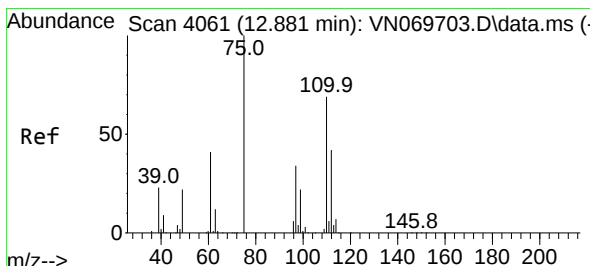
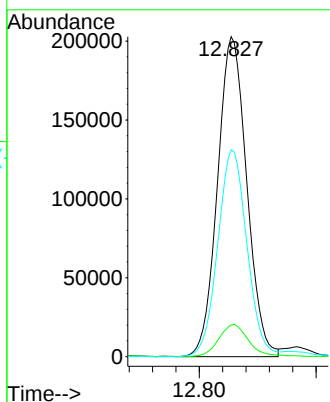
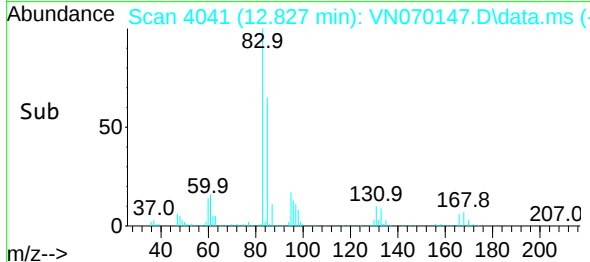
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01



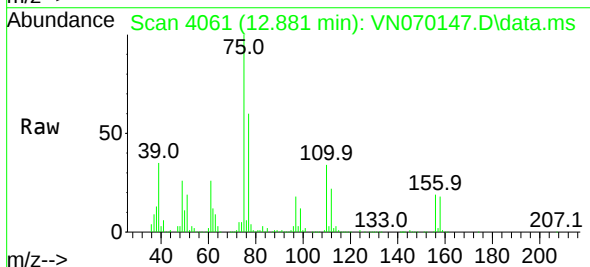
Tgt Ion: 83 Resp: 352898
Ion Ratio Lower Upper
83 100
131 10.4 5.5 16.5
85 64.5 32.4 97.2

Manual Integrations
APPROVED

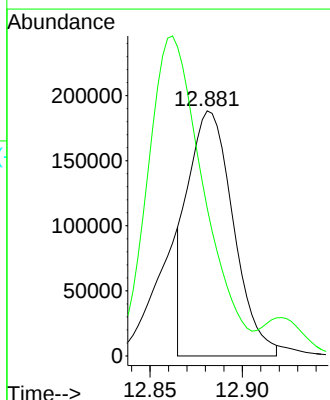
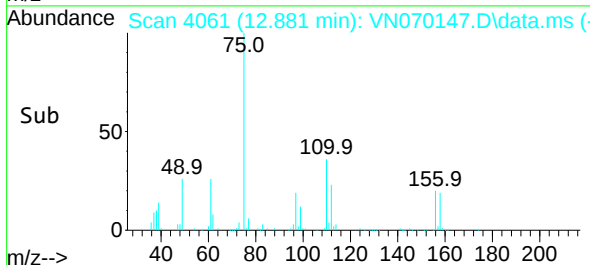
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

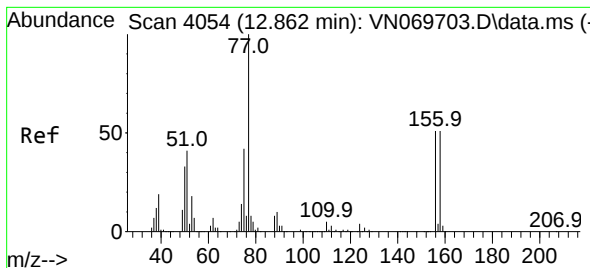


#76
1,2,3-Trichloropropane
Concen: 16.666 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14



Tgt Ion: 75 Resp: 319887
Ion Ratio Lower Upper
75 100
77 162.2 82.6 247.8





#77

Bromobenzene

Concen: 16.497 ug/l

RT: 12.862 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VN070147.D

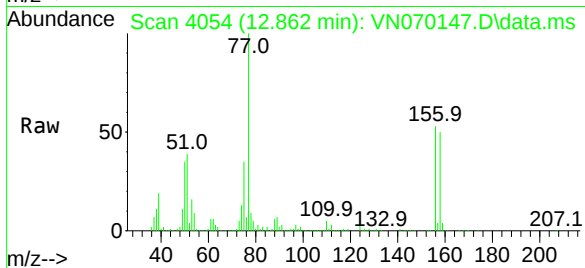
Acq: 16 Dec 2021 19:14

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBSD01



Tgt Ion:156 Resp: 23075

Ion Ratio Lower Upper

156 100

77 224.8 90.6 271.8

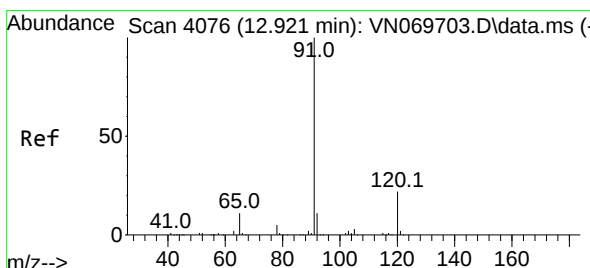
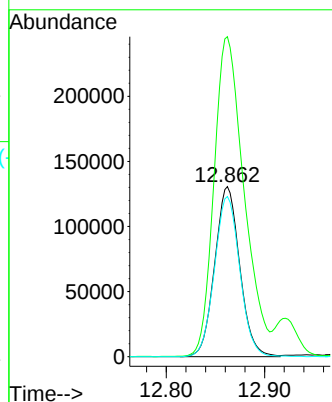
158 95.7 48.9 146.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/23/2021



#78

n-propylbenzene

Concen: 16.716 ug/l

RT: 12.921 min Scan# 4076

Delta R.T. 0.000 min

Lab File: VN070147.D

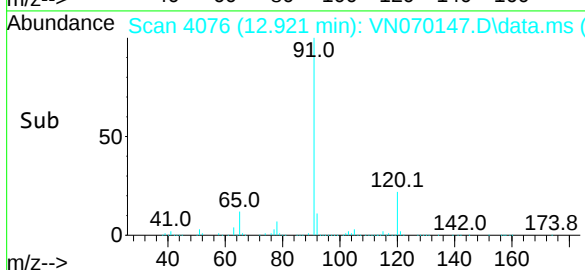
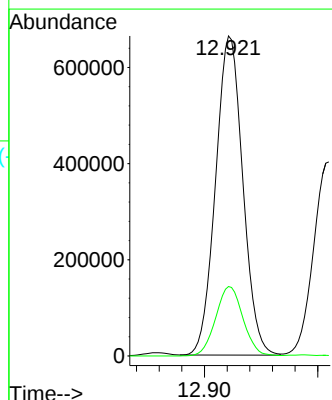
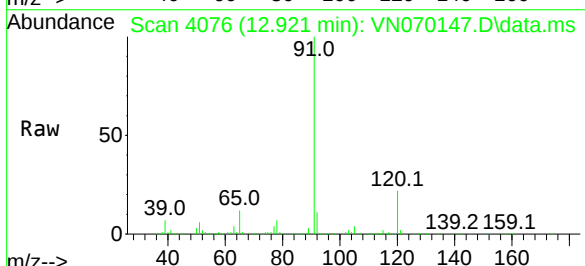
Acq: 16 Dec 2021 19:14

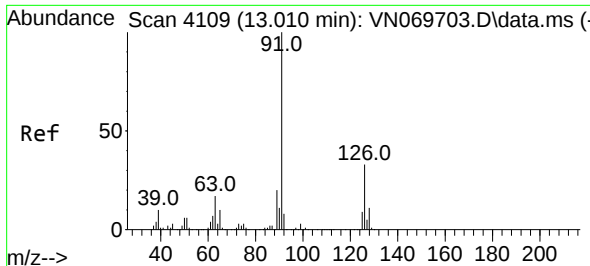
Tgt Ion: 91 Resp: 1107722

Ion Ratio Lower Upper

91 100

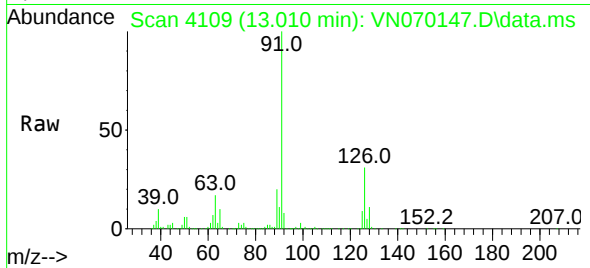
120 21.9 11.9 35.9





#79
2-Chlorotoluene
Concen: 16.882 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

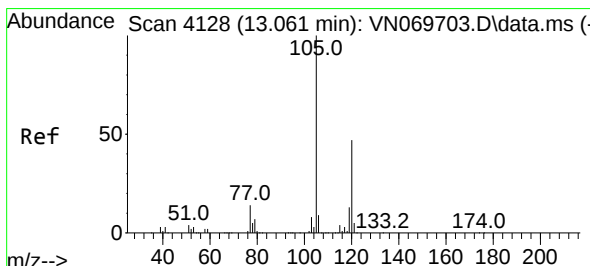
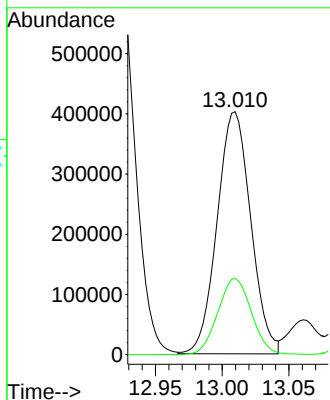
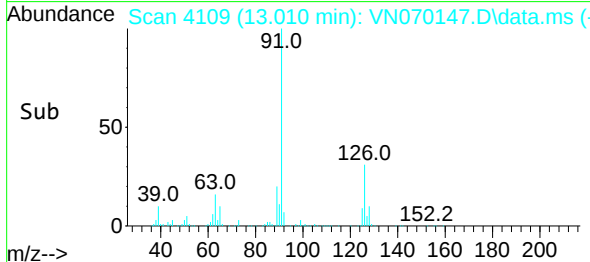
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01



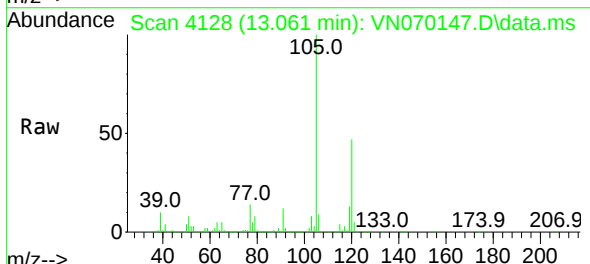
Tgt Ion: 91 Resp: 70689
Ion Ratio Lower Upper
91 100
126 31.4 18.3 54.8

Manual Integrations
APPROVED

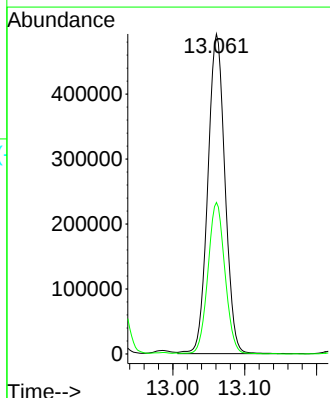
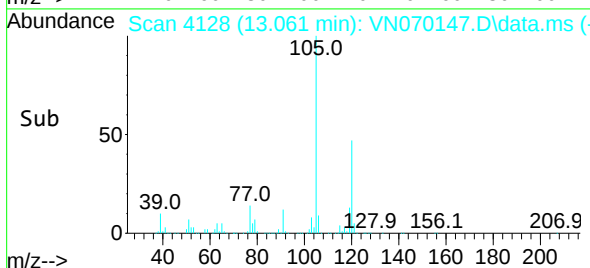
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

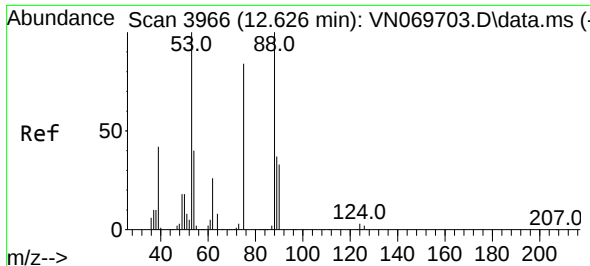


#80
1,3,5-Trimethylbenzene
Concen: 17.022 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14



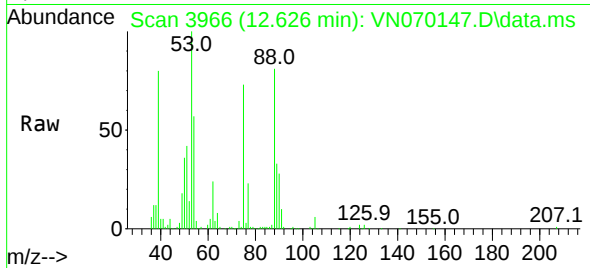
Tgt Ion:105 Resp: 815873
Ion Ratio Lower Upper
105 100
120 46.9 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 14.516 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

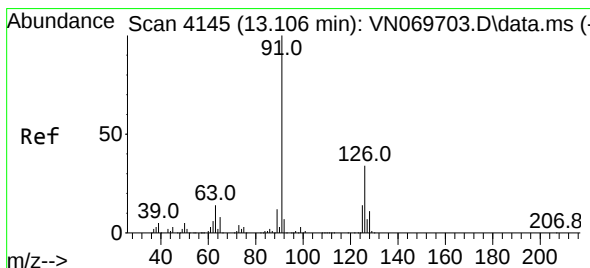
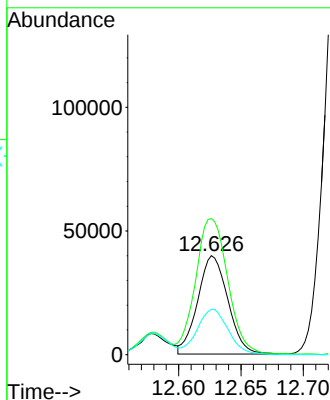
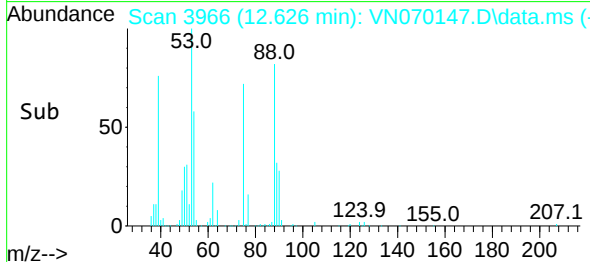
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01



Tgt Ion: 75 Resp: 66730
Ion Ratio Lower Upper
75 100
53 147.1 90.5 135.7
89 48.3 38.2 57.4

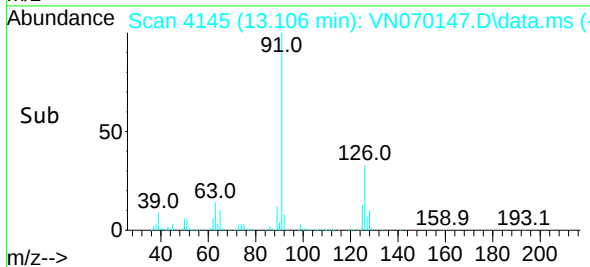
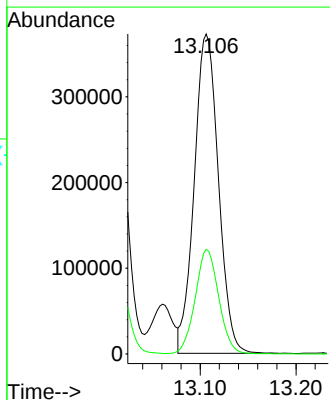
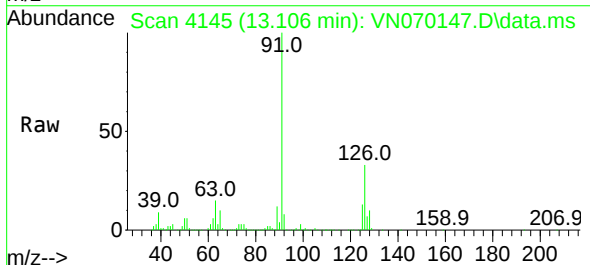
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#82
4-Chlorotoluene
Concen: 16.585 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

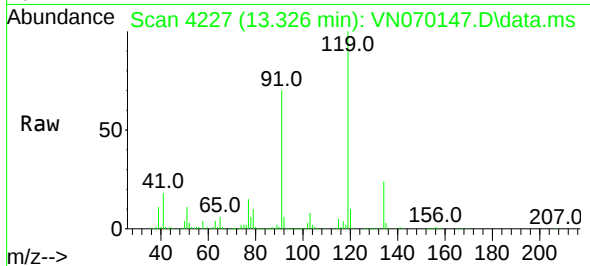
Tgt Ion: 91 Resp: 653078
Ion Ratio Lower Upper
91 100
126 31.7 18.2 54.6





#83
tert-Butylbenzene
Concen: 16.666 ug/l
RT: 13.326 min Scan# 4226
Delta R.T. 0.003 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

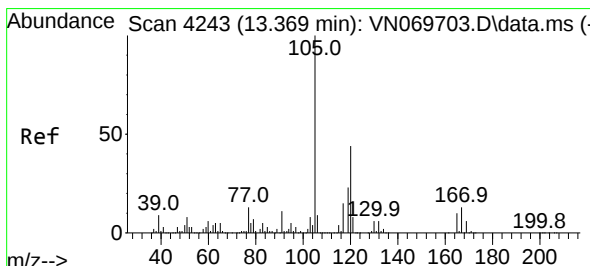
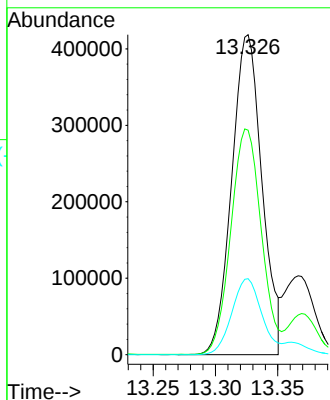
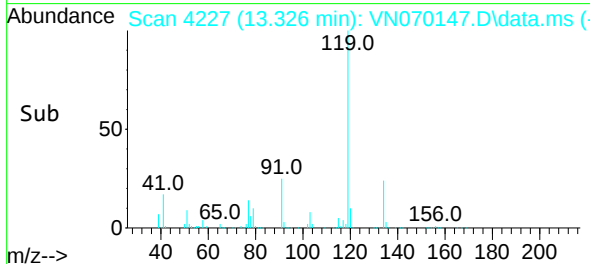
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01



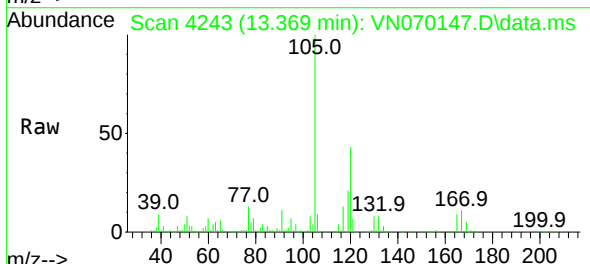
Tgt Ion:119 Resp: 70734
Ion Ratio Lower Upper
119 100
91 71.1 31.5 94.5
134 23.7 12.4 37.4

Manual Integrations
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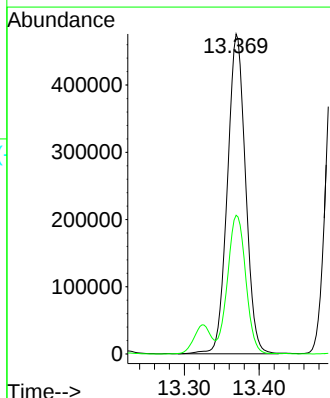
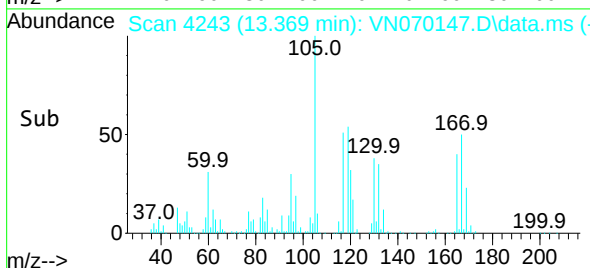
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

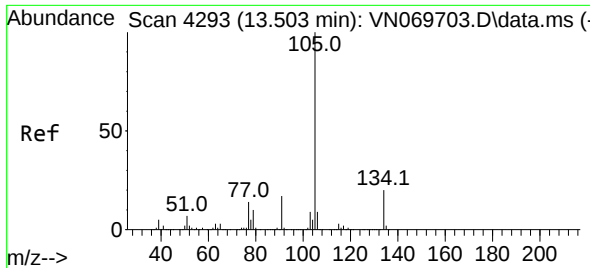


#84
1,2,4-Trimethylbenzene
Concen: 17.531 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14



Tgt Ion:105 Resp: 800273
Ion Ratio Lower Upper
105 100
120 43.5 22.8 68.4





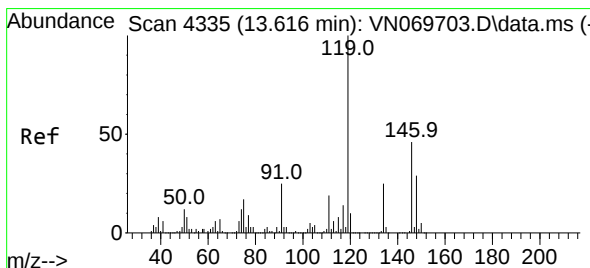
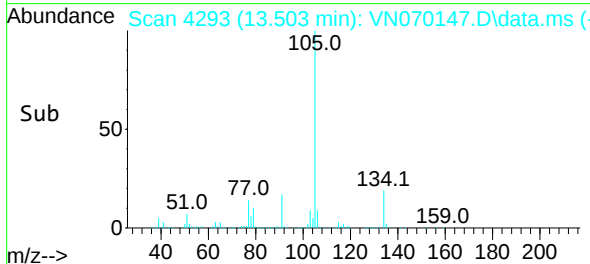
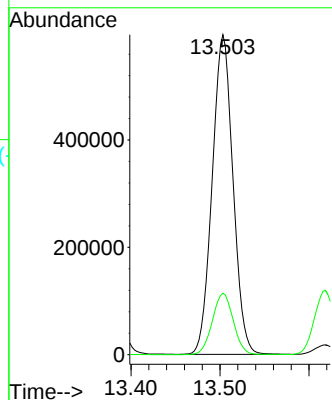
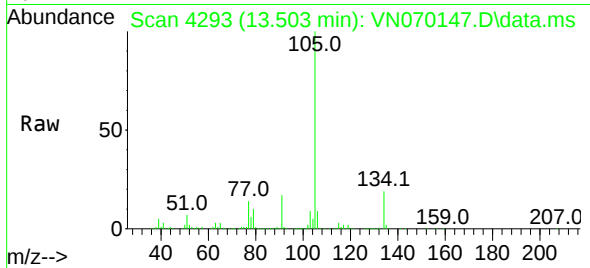
#85
 sec-Butylbenzene
 Concen: 16.776 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN070147.D
 Acq: 16 Dec 2021 19:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1216WBSD01

Tgt Ion:105 Resp: 965770
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

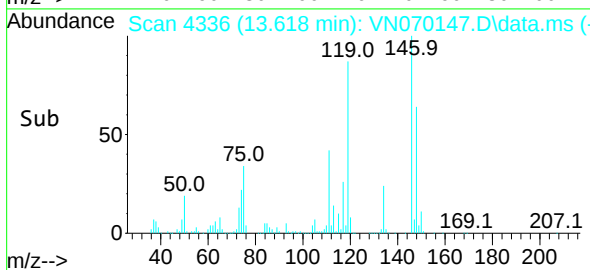
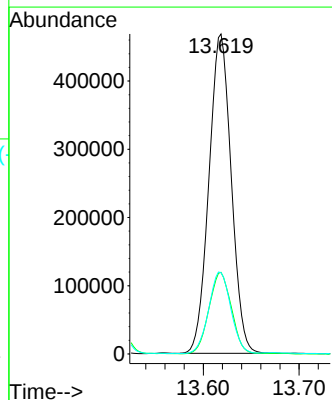
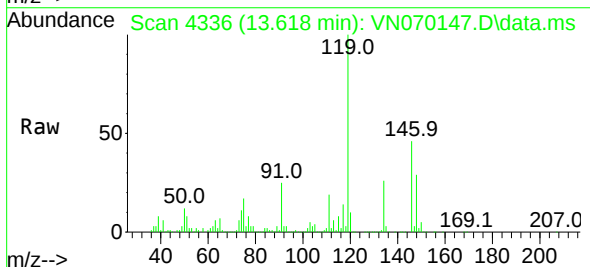
Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/17/2021
 Supervised By :Mahesh Dadoda 12/23/2021



#86
 p-Isopropyltoluene
 Concen: 16.781 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. 0.003 min
 Lab File: VN070147.D
 Acq: 16 Dec 2021 19:14

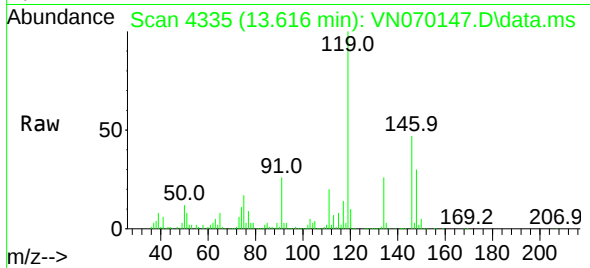
Tgt Ion:119 Resp: 755111
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.6 40.7
 91 25.4 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 16.553 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

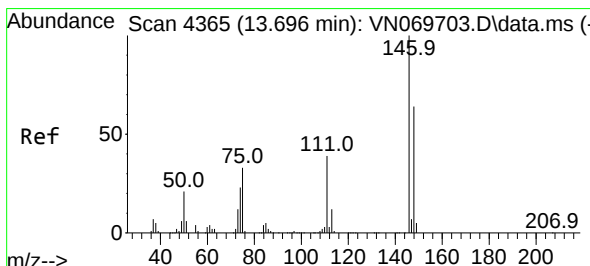
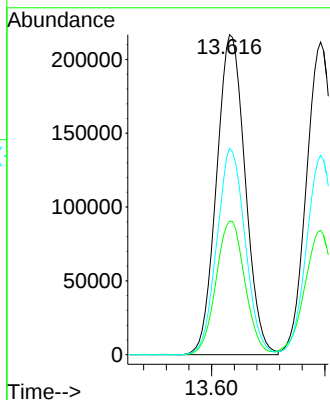
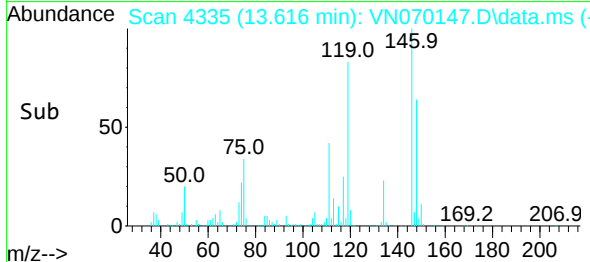
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01



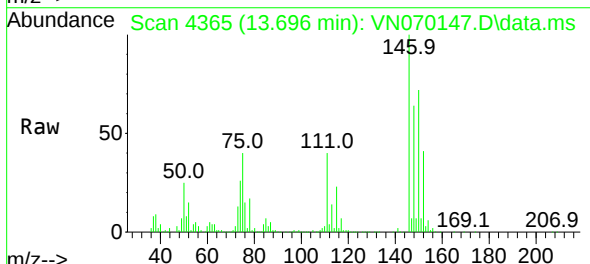
Tgt Ion:146 Resp: 380388
Ion Ratio Lower Upper
146 100
111 42.0 18.6 55.6
148 63.8 31.6 95.0

Manual Integrations
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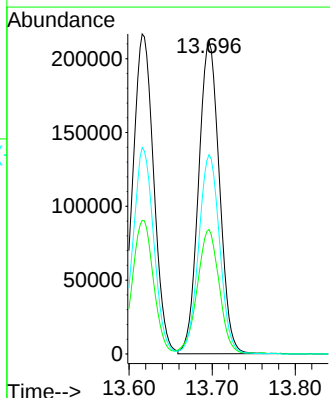
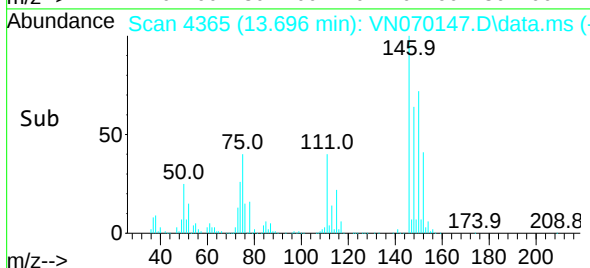
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#88
1,4-Dichlorobenzene
Concen: 16.328 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14



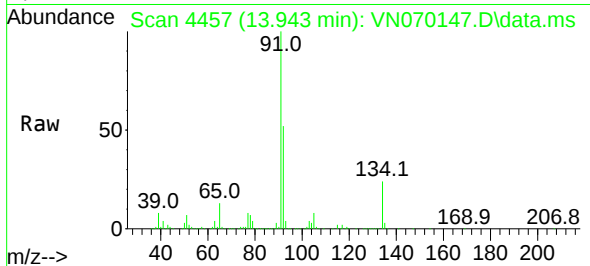
Tgt Ion:146 Resp: 368736
Ion Ratio Lower Upper
146 100
111 41.3 18.3 54.8
148 64.3 31.8 95.4





#89
n-Butylbenzene
Concen: 16.050 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

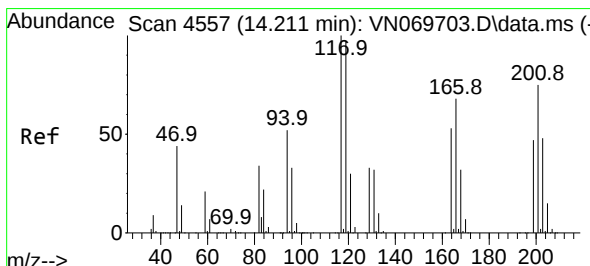
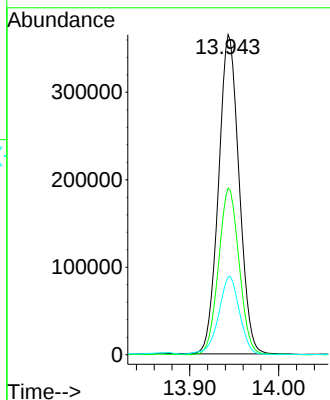
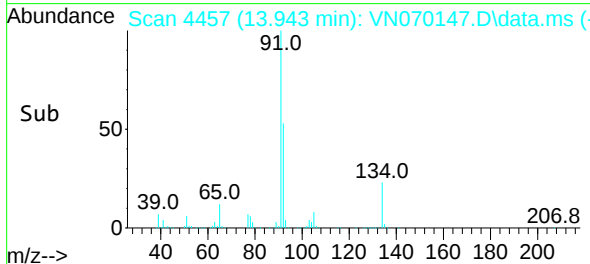
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01



Tgt Ion: 91 Resp: 58587
Ion Ratio Lower Upper
91 100
92 52.3 25.4 76.0
134 24.8 13.6 40.8

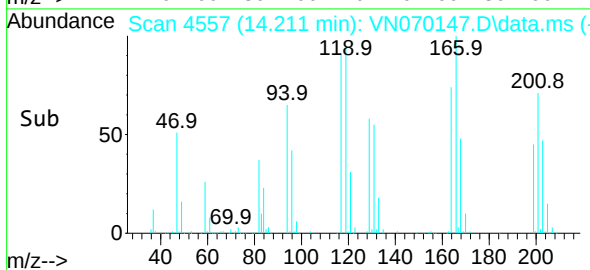
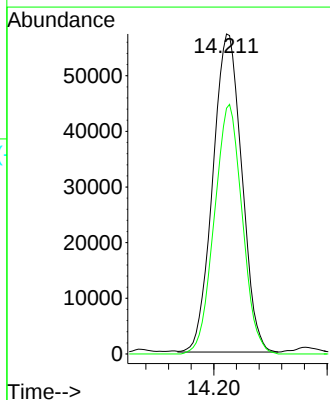
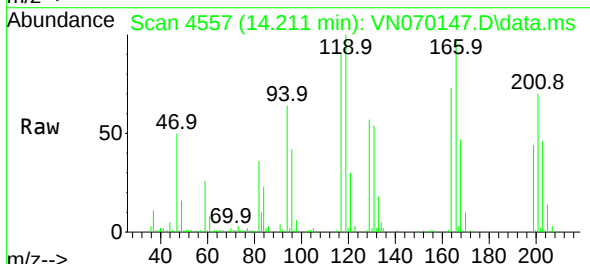
Manual Integrations
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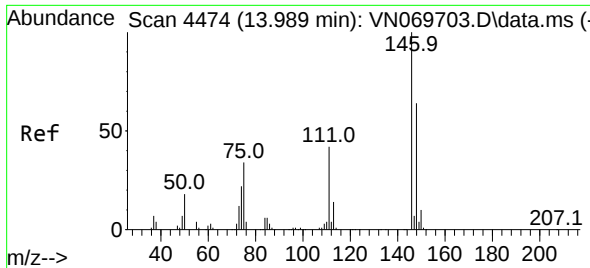
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#90
Hexachloroethane
Concen: 12.866 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

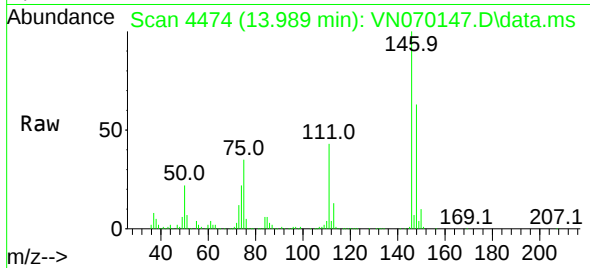
Tgt Ion:117 Resp: 101647
Ion Ratio Lower Upper
117 100
201 75.4 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 16.862 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

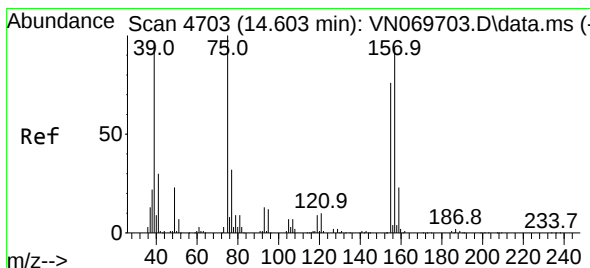
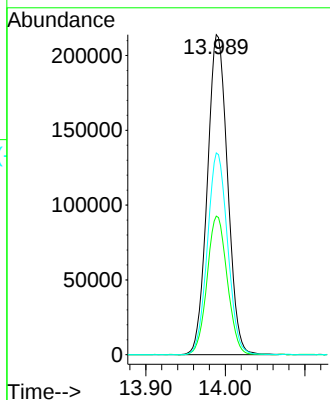
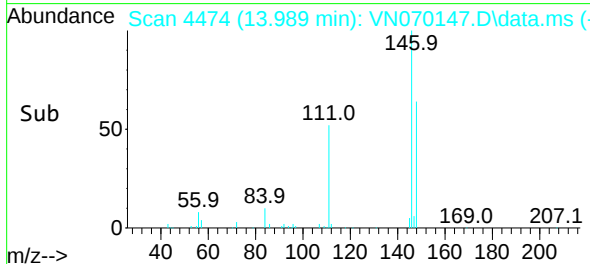
Instrument :
MSVOA_N
ClientSampleId :
VN1216WBSD01



Tgt Ion:146 Resp: 377540
Ion Ratio Lower Upper
146 100
111 43.3 19.1 57.3
148 63.1 32.1 96.3

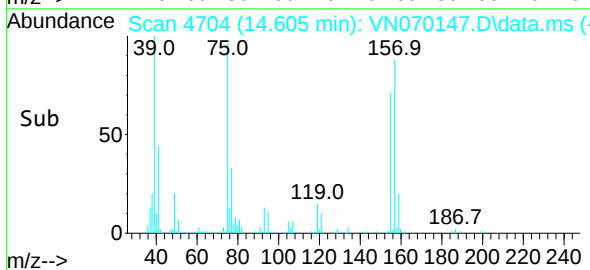
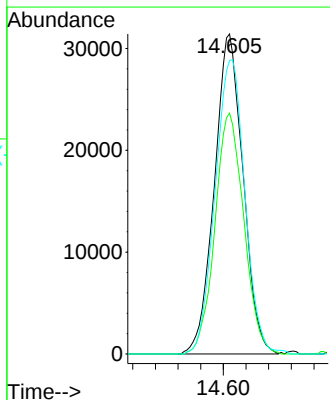
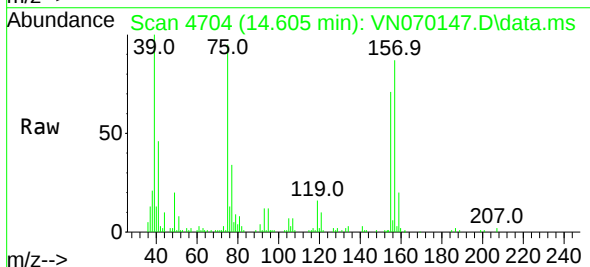
Manual Integrations
APPROVED

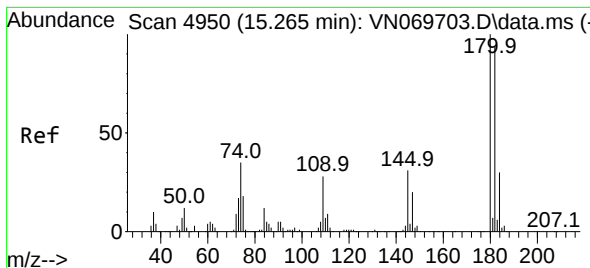
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 14.833 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.003 min
Lab File: VN070147.D
Acq: 16 Dec 2021 19:14

Tgt Ion: 75 Resp: 55195
Ion Ratio Lower Upper
75 100
155 75.9 46.9 140.7
157 95.6 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 17.082 ug/l

RT: 15.265 min Scan# 4950

Delta R.T. 0.000 min

Lab File: VN070147.D

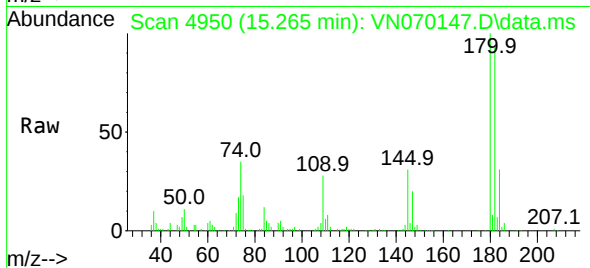
Acq: 16 Dec 2021 19:14

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBSD01



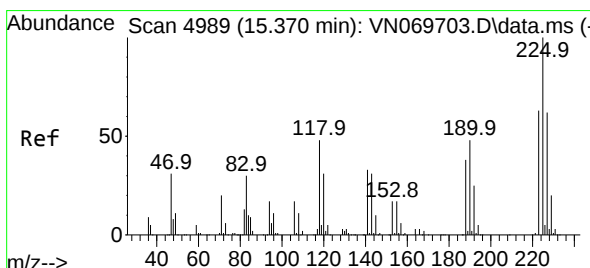
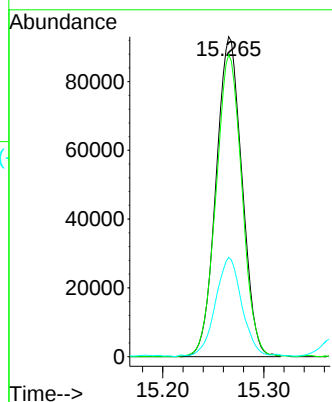
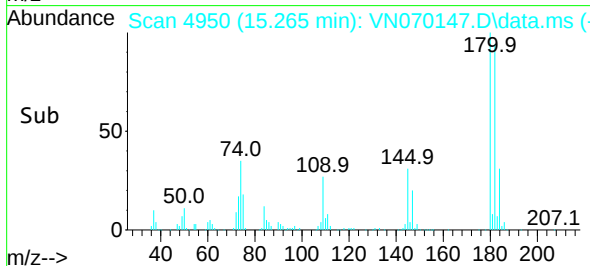
Tgt Ion:	180	Resp:	16550
Ion Ratio	Lower	Upper	
180	100		
182	94.6	48.3	144.9
145	30.7	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/23/2021



#94

Hexachlorobutadiene

Concen: 17.454 ug/l

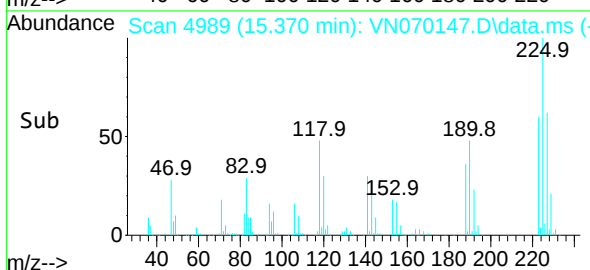
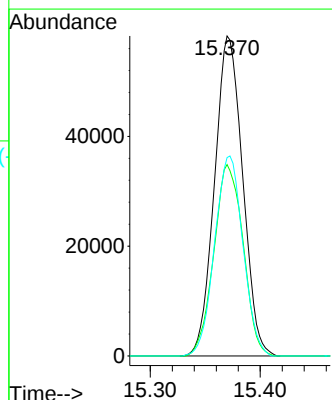
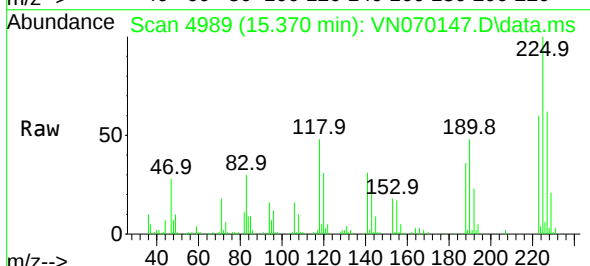
RT: 15.370 min Scan# 4989

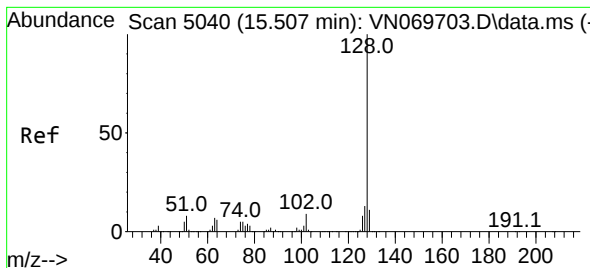
Delta R.T. 0.000 min

Lab File: VN070147.D

Acq: 16 Dec 2021 19:14

Tgt Ion:	225	Resp:	103568
Ion Ratio	Lower	Upper	
225	100		
223	62.2	31.9	95.7
227	63.1	32.1	96.3





#95

Naphthalene

Concen: 19.683 ug/l

RT: 15.507 min Scan# 5040

Delta R.T. -0.000 min

Lab File: VN070147.D

Acq: 16 Dec 2021 19:14

Instrument :

MSVOA_N

ClientSampleId :

VN1216WBSD01

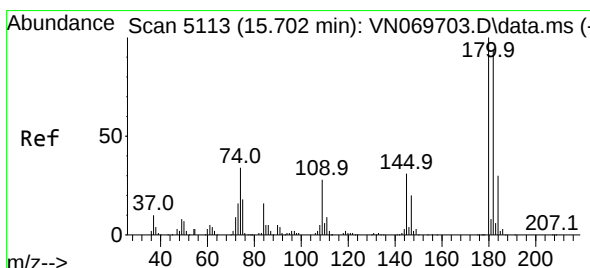
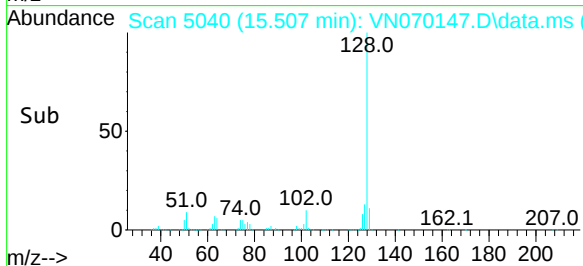
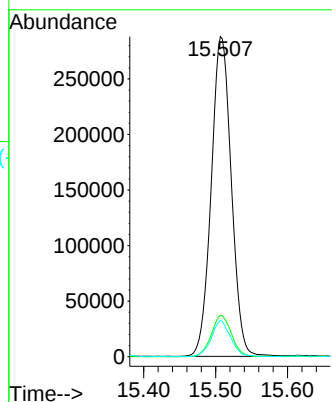
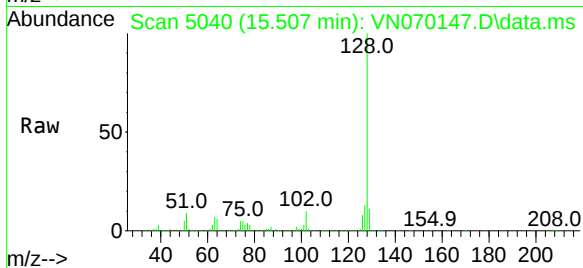
Tgt Ion:	128	Resp:	557949
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	10.7	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/23/2021



#96

1,2,3-Trichlorobenzene

Concen: 17.164 ug/l

RT: 15.702 min Scan# 5113

Delta R.T. 0.000 min

Lab File: VN070147.D

Acq: 16 Dec 2021 19:14

Tgt Ion:	180	Resp:	165705
Ion Ratio	Lower	Upper	
180	100		
182	96.7	47.4	142.2
145	33.6	15.0	45.1

