

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
 Data File : VN070127.D
 Acq On : 16 Dec 2021 10:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Dec 16 15:44:39 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	989156	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1585683	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1495175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	659136	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	764460	50.054	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.100%	
35) Dibromofluoromethane	8.021	113	529879	53.349	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 106.700%	
50) Toluene-d8	10.440	98	2081924	52.202	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.400%	
62) 4-Bromofluorobenzene	12.731	95	789147	54.619	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 109.240%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	541784	46.961	ug/l	99
3) Chloromethane	2.301	50	666255	46.096	ug/l	98
4) Vinyl Chloride	2.445	62	620355	46.678	ug/l	98
5) Bromomethane	2.834	94	331364	45.893	ug/l	98
6) Chloroethane	3.006	64	374872	46.030	ug/l	97
7) Trichlorofluoromethane	3.368	101	789609	45.268	ug/l	100
8) Diethyl Ether	3.819	74	347174	51.678	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.202	101	518568	53.036	ug/l	96
10) Methyl Iodide	4.414	142	652341	48.837	ug/l	99
11) Tert butyl alcohol	5.382	59	649617	225.023	ug/l	99
12) 1,1-Dichloroethene	4.173	96	463254	49.167	ug/l	88
13) Acrolein	4.038	56	497314	202.288	ug/l	100
14) Allyl chloride	4.835	41	1100024	51.811	ug/l #	90
15) Acrylonitrile	5.554	53	1962144	252.232	ug/l	99
16) Acetone	4.285	43	2441808	265.785	ug/l	97
17) Carbon Disulfide	4.521	76	1064273	43.722	ug/l	100
18) Methyl Acetate	4.854	43	1360125	49.047	ug/l	91
19) Methyl tert-butyl Ether	5.615	73	1891932	51.642	ug/l	96
20) Methylene Chloride	5.090	84	589969	48.306	ug/l #	85
21) trans-1,2-Dichloroethene	5.594	96	498308	48.692	ug/l	84
22) Diisopropyl ether	6.495	45	2275017	54.822	ug/l #	94
23) Vinyl Acetate	6.431	43	8952268	265.165	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	1123511	52.265	ug/l	98
25) 2-Butanone	7.337	43	3165548	253.595	ug/l	90
26) 2,2-Dichloropropane	7.324	77	877823	52.521	ug/l	95
27) cis-1,2-Dichloroethene	7.324	96	615937	49.815	ug/l	84
28) Bromochloromethane	7.656	49	539787	48.288	ug/l #	76
29) Tetrahydrofuran	7.686	42	1878075	247.774	ug/l	87
30) Chloroform	7.817	83	1124176	51.781	ug/l	99
31) Cyclohexane	8.094	56	1030099	48.466	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	925273	50.034	ug/l	96
36) 1,1-Dichloropropene	8.220	75	798406	52.891	ug/l	96
37) Ethyl Acetate	7.412	43	1139035	50.697	ug/l	95
38) Carbon Tetrachloride	8.206	117	746226	50.411	ug/l	98
39) Methylcyclohexane	9.459	83	967773	53.899	ug/l	88
40) Benzene	8.458	78	2450801	53.116	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	574564	54.477	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	973153	52.248	ug/l	97
43) Isopropyl Acetate	8.560	43	1746342	52.525	ug/l #	93
44) Trichloroethene	9.215	130	569838	51.744	ug/l	89
45) 1,2-Dichloropropane	9.491	63	683465	55.161	ug/l	99
46) Dibromomethane	9.577	93	422798	52.030	ug/l	93
47) Bromodichloromethane	9.762	83	852690	55.422	ug/l	99
48) Methyl methacrylate	9.561	41	822037	52.980	ug/l	86
49) 1,4-Dioxane	9.571	88	284332	1021.290	ug/l #	82
51) 4-Methyl-2-Pentanone	10.330	43	5891128	273.131	ug/l	95
52) Toluene	10.505	92	1510071	53.607	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	910064	49.219	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	989287	50.895	ug/l #	90
55) 1,1,2-Trichloroethane	10.899	97	612812	53.917	ug/l	98
56) Ethyl methacrylate	10.762	69	1033645	48.281	ug/l #	87
57) 1,3-Dichloropropane	11.044	76	1089569	54.444	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1222844	214.010	ug/l	91
59) 2-Hexanone	11.087	43	4405662	270.018	ug/l	93
60) Dibromochloromethane	11.240	129	596743	49.049	ug/l	100
61) 1,2-Dibromoethane	11.344	107	618108	52.506	ug/l	99
64) Tetrachloroethene	10.977	164	515901	50.886	ug/l	95
65) Chlorobenzene	11.771	112	1601431	52.796	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	572929	53.664	ug/l	100
67) Ethyl Benzene	11.843	91	3021467	54.837	ug/l	96
68) m/p-Xylenes	11.953	106	2218468	110.582	ug/l	92
69) o-Xylene	12.280	106	1101798	54.524	ug/l	91
70) Styrene	12.294	104	1819966	56.797	ug/l	95
71) Bromoform	12.460	173	436632	47.936	ug/l #	100
73) Isopropylbenzene	12.578	105	2943076	50.185	ug/l	98
74) N-amyl acetate	12.387	43	1279553	49.337	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	980222	48.336	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	960812m	50.830	ug/l	
77) Bromobenzene	12.859	156	675015	49.003	ug/l	78
78) n-propylbenzene	12.921	91	3424323	52.473	ug/l	96
79) 2-Chlorotoluene	13.007	91	2084768	50.558	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	2421083	51.292	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.626	75	269314	46.904	ug/l	94
82) 4-Chlorotoluene	13.104	91	2024240	52.200	ug/l	92
83) tert-Butylbenzene	13.323	119	2136241	51.111	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	2374708	52.826	ug/l	97
85) sec-Butylbenzene	13.500	105	2999821	52.914	ug/l	97
86) p-Isopropyltoluene	13.616	119	2391765	53.973	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1168606	51.640	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	1128883	50.762	ug/l	97
89) n-Butylbenzene	13.943	91	1998355	55.591	ug/l	97
90) Hexachloroethane	14.211	117	383516	49.294	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	1121396	50.858	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	173156	47.252	ug/l	79
93) 1,2,4-Trichlorobenzene	15.262	180	533284	49.352	ug/l	98
94) Hexachlorobutadiene	15.370	225	320310	54.814	ug/l	99
95) Naphthalene	15.507	128	1369871	43.122	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	518172	49.206	ug/l	98

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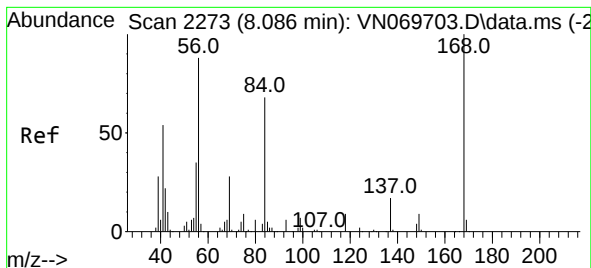
Manual Integrations
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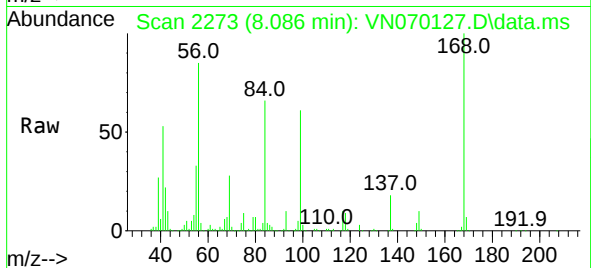
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

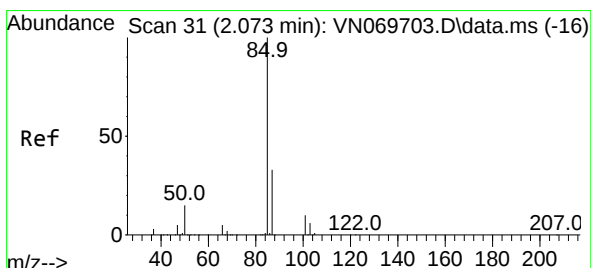
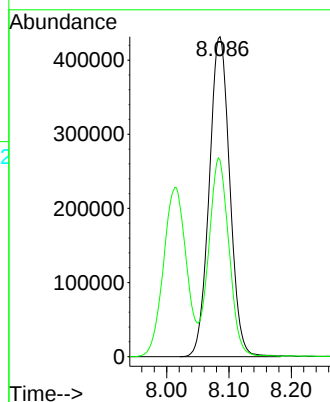
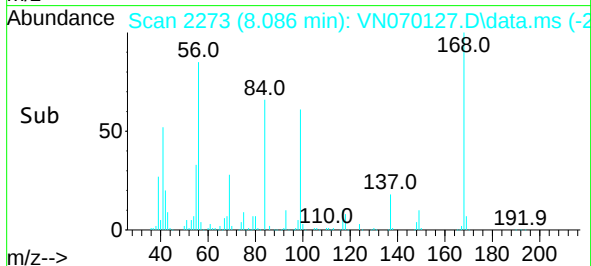
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ClientSampleId :
VSTDCCC050



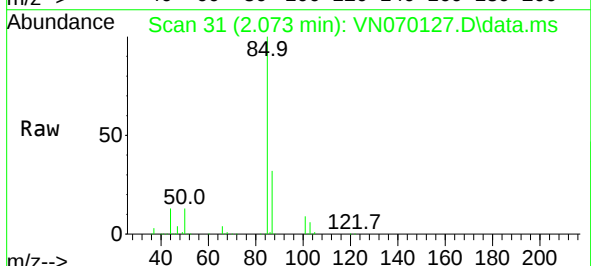
Tgt Ion:168 Resp: 989150
Ion Ratio Lower Upper
168 100
99 61.3 41.3 61.9

Manual Integrations
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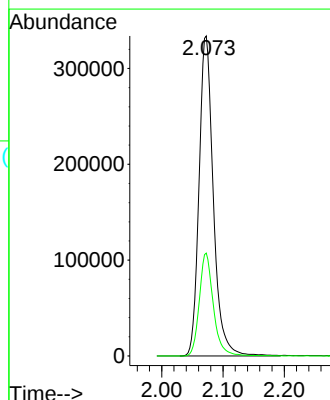
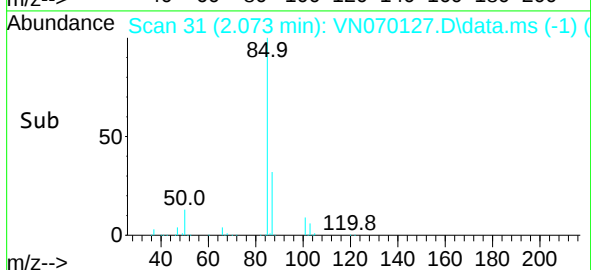
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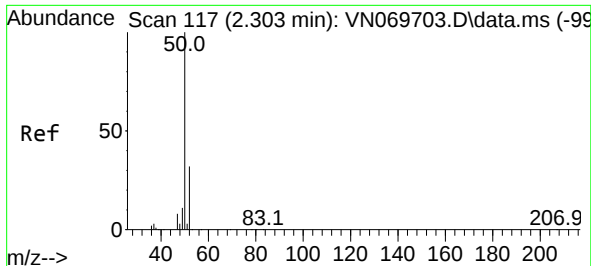


#2
Dichlorodifluoromethane
Concen: 46.961 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17



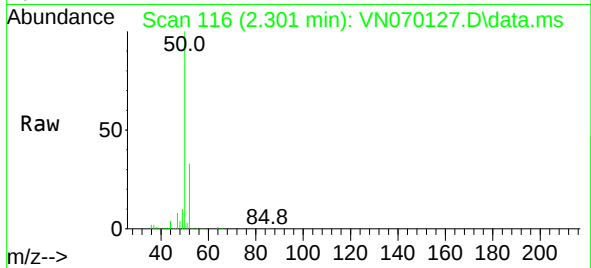
Tgt Ion: 85 Resp: 541784
Ion Ratio Lower Upper
85 100
87 32.1 16.3 48.9





#3
Chloromethane
Concen: 46.096 ug/l
RT: 2.301 min Scan# 117
Delta R.T. -0.003 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

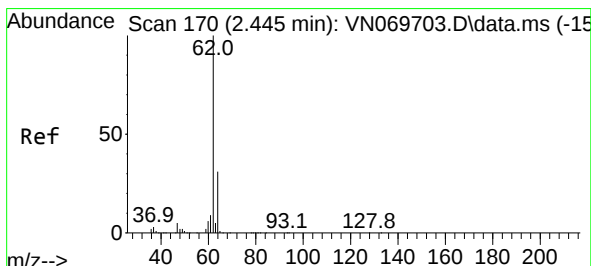
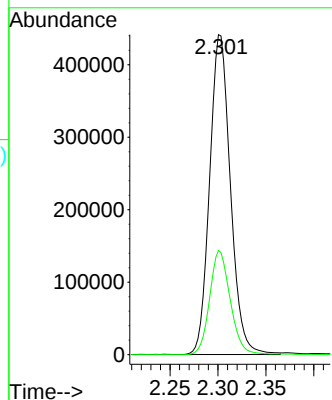
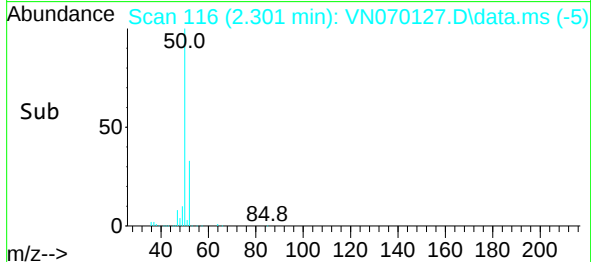
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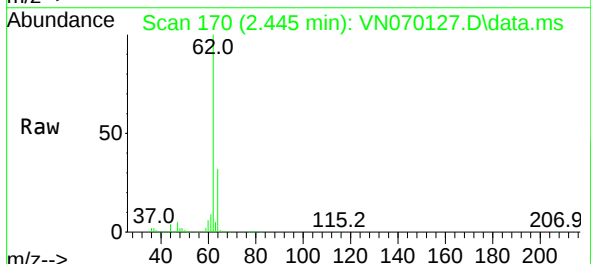
Tgt Ion: 50 Resp: 66625
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.0

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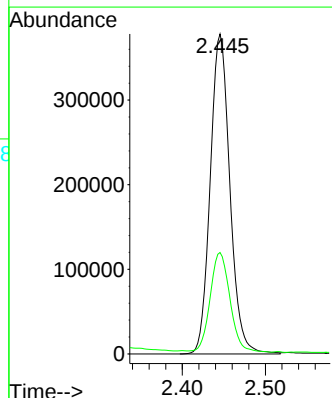
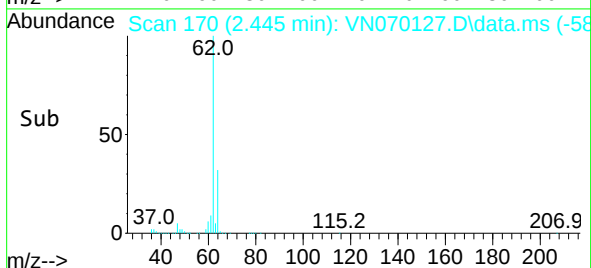
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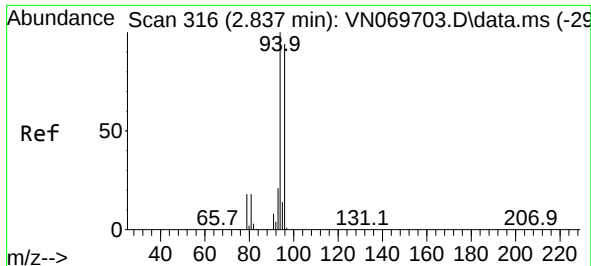


#4
Vinyl Chloride
Concen: 46.678 ug/l
RT: 2.445 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17



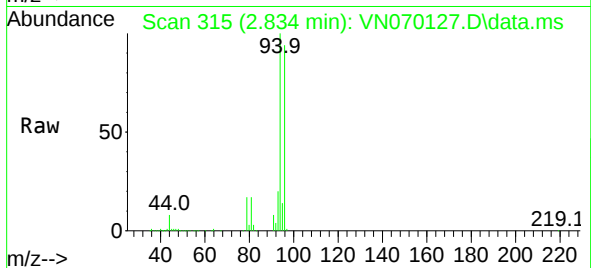
Tgt Ion: 62 Resp: 620355
Ion Ratio Lower Upper
62 100
64 31.0 25.8 38.6





#5
Bromomethane
Concen: 45.893 ug/l
RT: 2.834 min Scan# 316
Delta R.T. -0.003 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

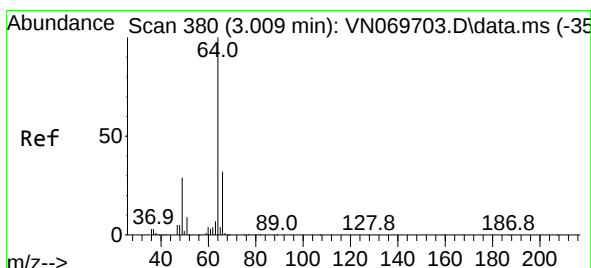
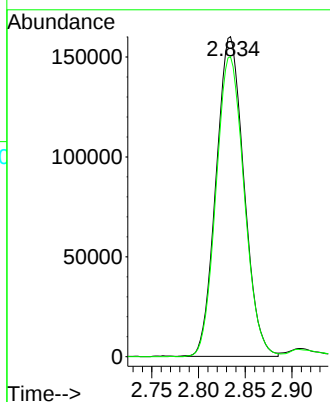
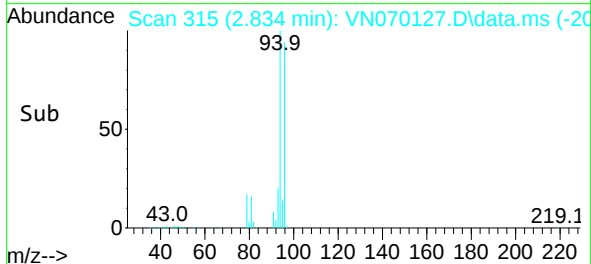
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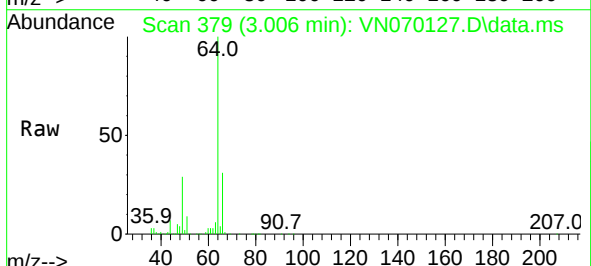
Tgt Ion: 94 Resp: 331364
Ion Ratio Lower Upper
94 100
96 93.9 73.8 110.8

Manual Integrations
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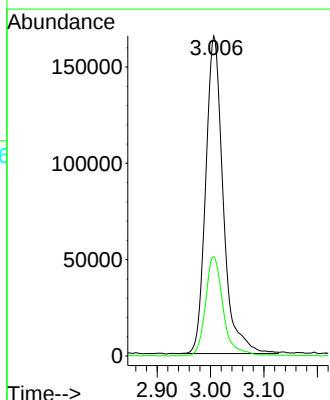
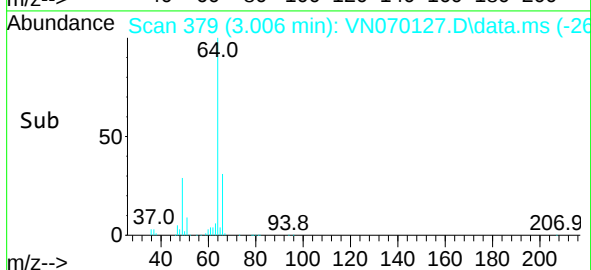
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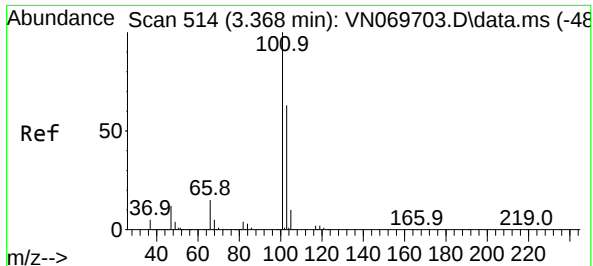


#6
Chloroethane
Concen: 46.030 ug/l
RT: 3.006 min Scan# 379
Delta R.T. -0.003 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17



Tgt Ion: 64 Resp: 374872
Ion Ratio Lower Upper
64 100
66 31.2 26.3 39.5





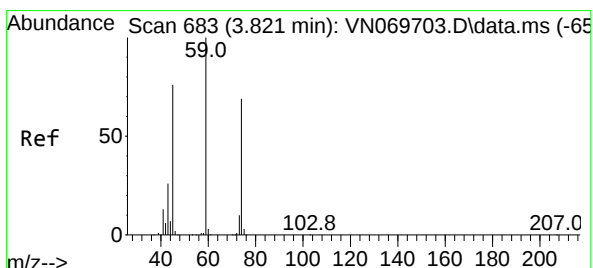
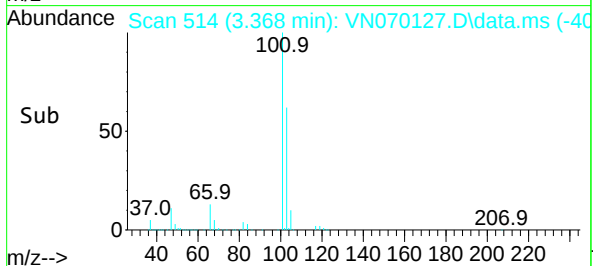
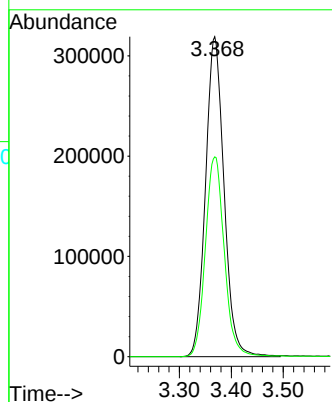
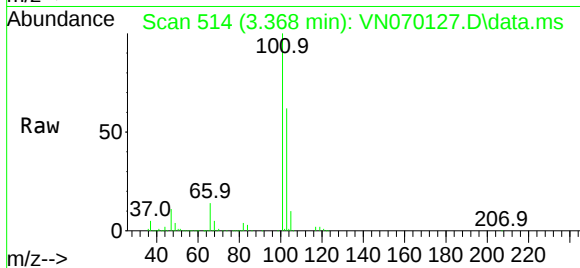
#7
Trichlorofluoromethane
Concen: 45.268 ug/l
RT: 3.368 min Scan# 514
Delta R.T. 0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 789609
Ion Ratio Lower Upper
101 100
103 62.5 50.1 75.1

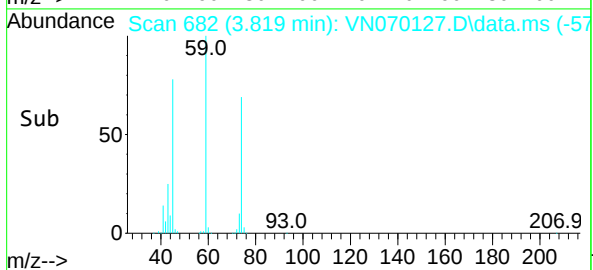
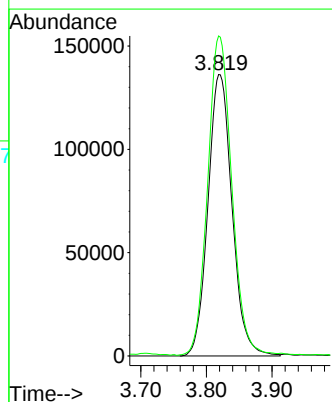
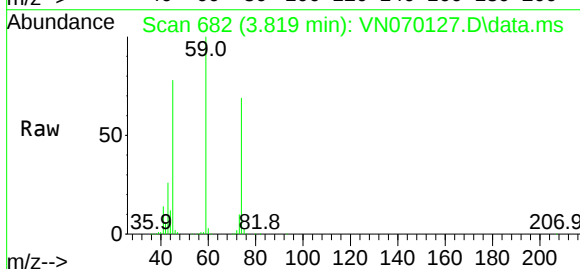
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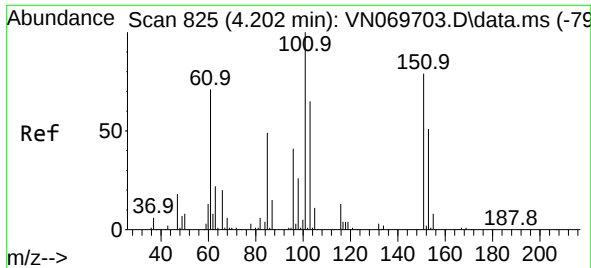
Reviewed By :John Carlone 12/17/2021
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#8
Diethyl Ether
Concen: 51.678 ug/l
RT: 3.819 min Scan# 682
Delta R.T. -0.003 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

Tgt Ion: 74 Resp: 347174
Ion Ratio Lower Upper
74 100
45 113.5 47.0 141.2





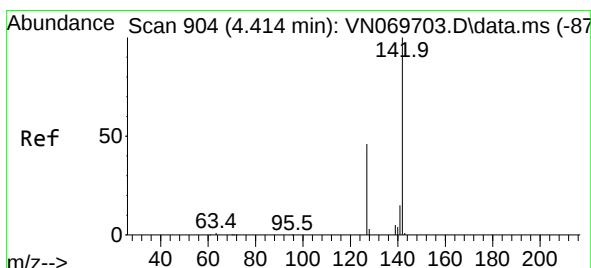
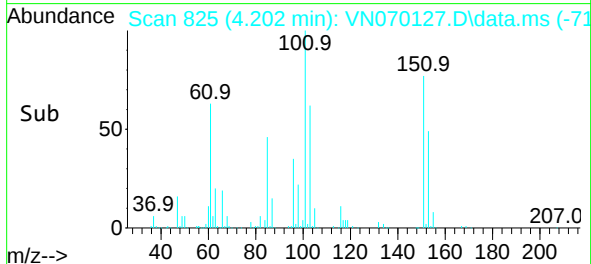
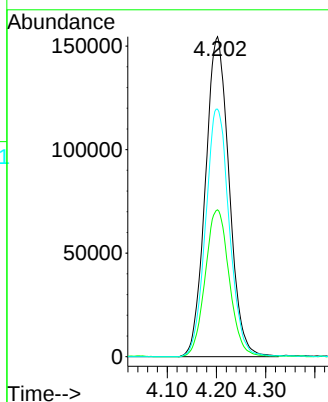
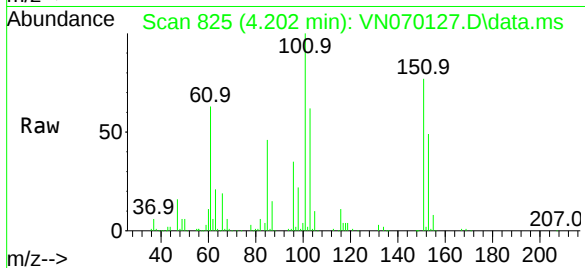
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.036 ug/l
RT: 4.202 min Scan# 825
Delta R.T. 0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 51856
Ion Ratio Lower Upper
101 100
85 46.4 37.2 55.8
151 77.2 65.9 98.9

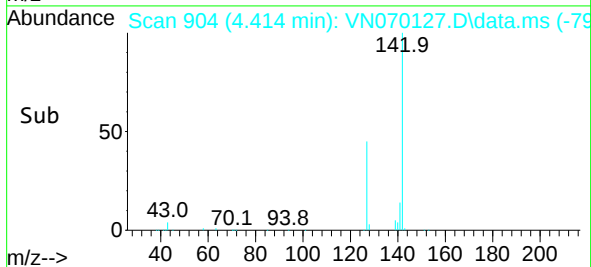
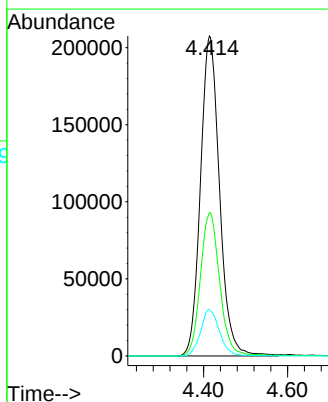
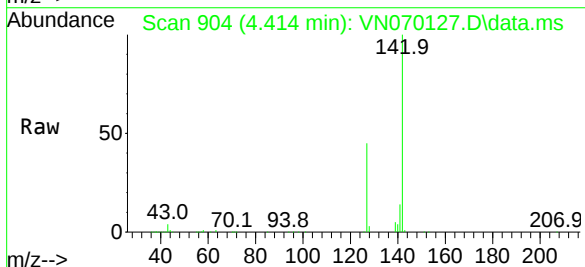
Manual Integrations
APPROVED

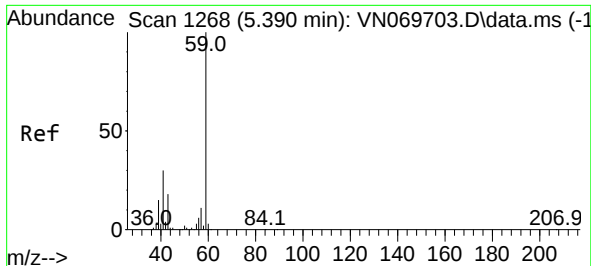
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#10
Methyl Iodide
Concen: 48.837 ug/l
RT: 4.414 min Scan# 904
Delta R.T. 0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

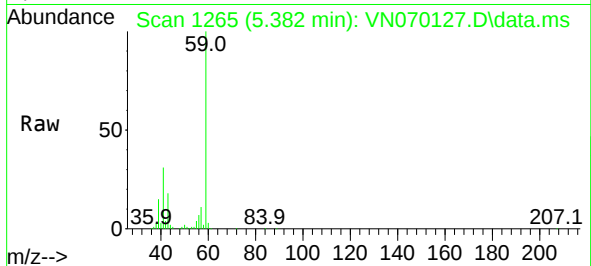
Tgt Ion:142 Resp: 652341
Ion Ratio Lower Upper
142 100
127 45.0 35.4 53.0
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 225.023 ug/l
RT: 5.382 min Scan# 11
Delta R.T. -0.008 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

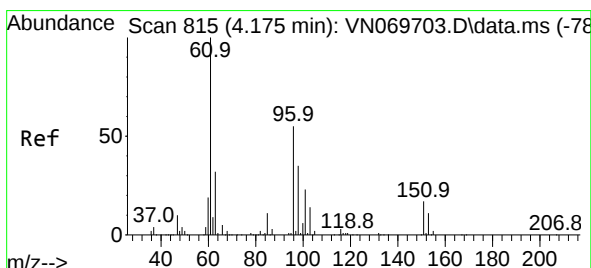
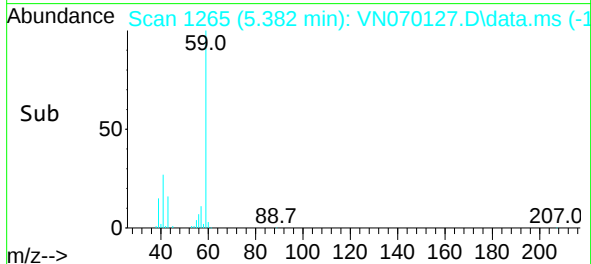
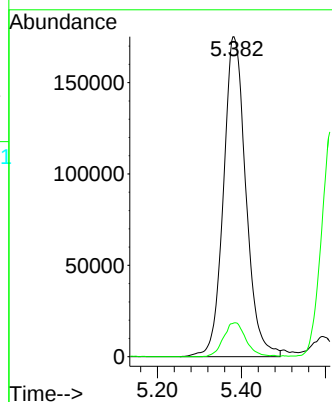
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 64961
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1

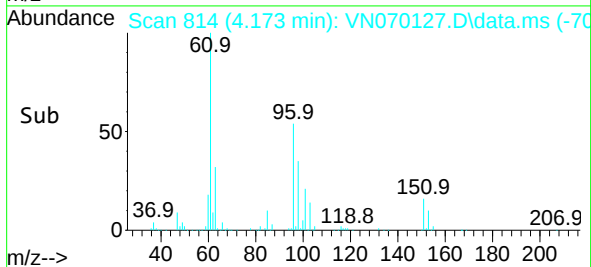
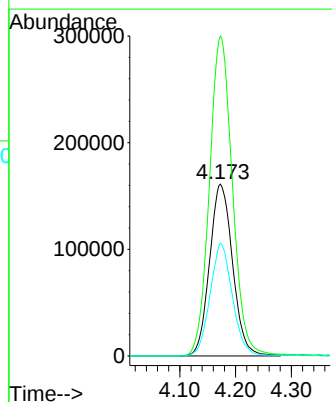
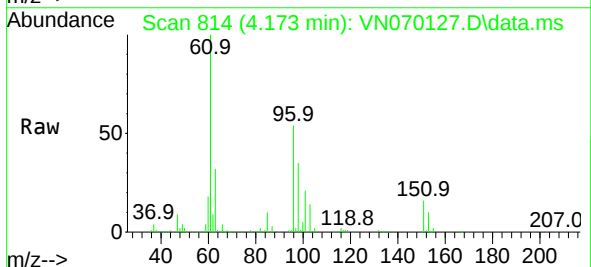
Manual Integrations
APPROVED

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



#12
1,1-Dichloroethene
Concen: 49.167 ug/l
RT: 4.173 min Scan# 814
Delta R.T. -0.003 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

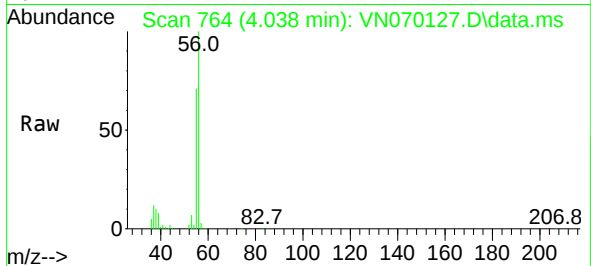
Tgt Ion: 96 Resp: 463254
Ion Ratio Lower Upper
96 100
61 186.1 131.0 196.6
98 65.6 52.4 78.6





#13
Acrolein
Concen: 202.288 ug/l
RT: 4.038 min Scan# 764
Delta R.T. 0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

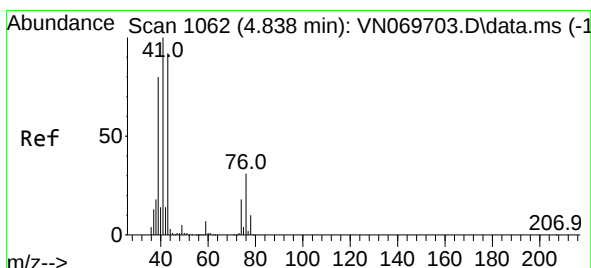
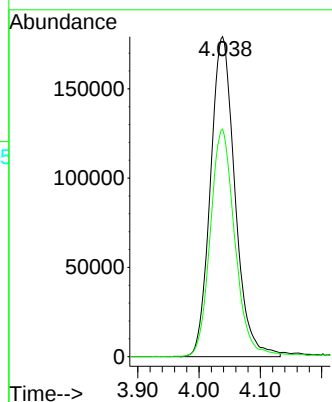
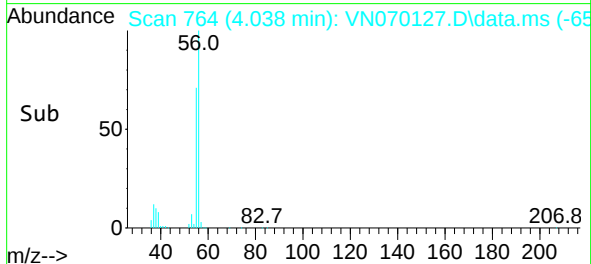
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



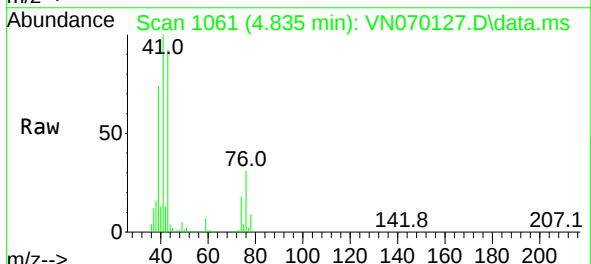
Tgt Ion: 56 Resp: 497314
Ion Ratio Lower Upper
56 100
55 70.9 56.6 85.0

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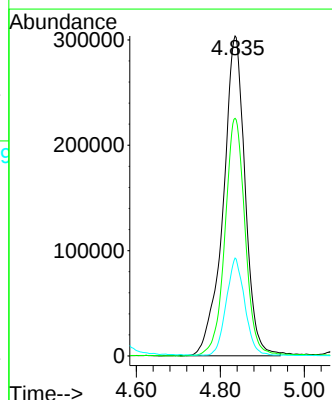
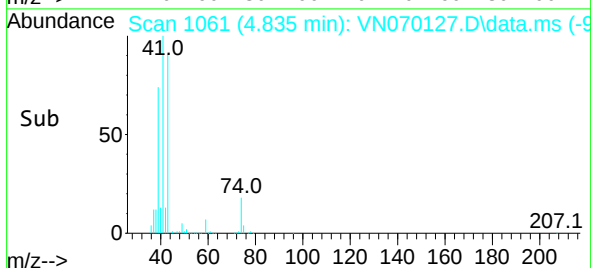
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

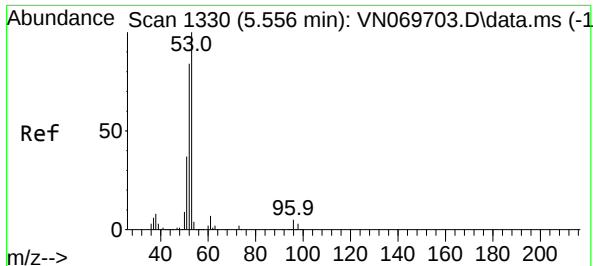


#14
Allyl chloride
Concen: 51.811 ug/l
RT: 4.835 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17



Tgt Ion: 41 Resp: 1100024
Ion Ratio Lower Upper
41 100
39 68.5 61.2 91.8
76 25.3 26.0 39.0





#15

Acrylonitrile

Concen: 252.232 ug/l

RT: 5.554 min Scan# 1

Delta R.T. -0.003 min

Lab File: VN070127.D

Acq: 16 Dec 2021 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 53 Resp: 196214

Ion Ratio Lower Upper

53 100

52 83.8 66.2 99.2

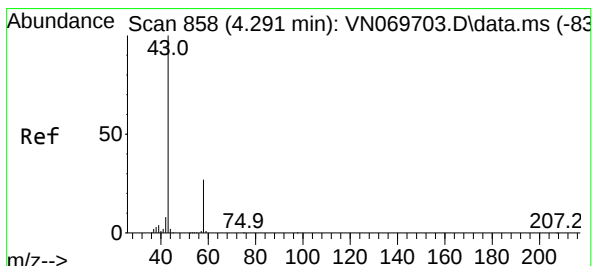
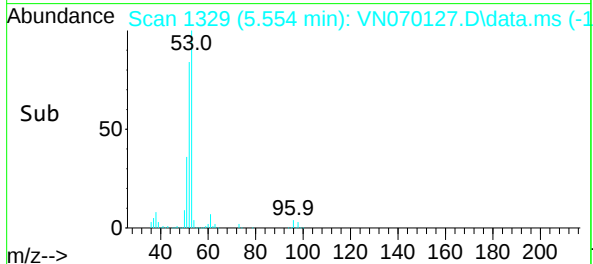
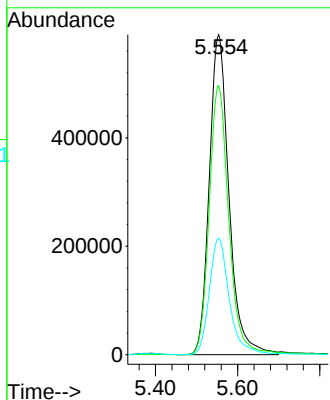
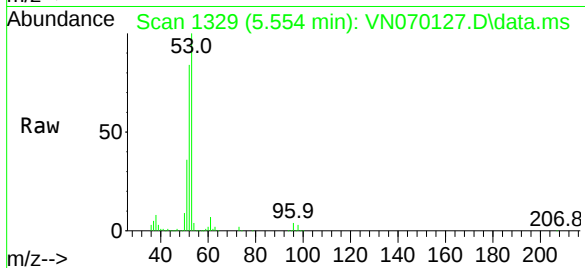
51 36.9 29.6 44.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/23/2021



#16

Acetone

Concen: 265.785 ug/l

RT: 4.285 min Scan# 856

Delta R.T. -0.005 min

Lab File: VN070127.D

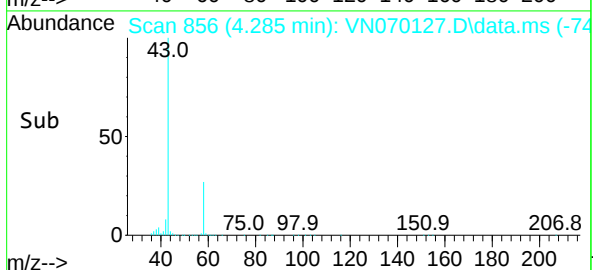
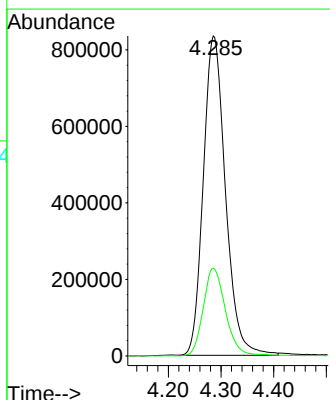
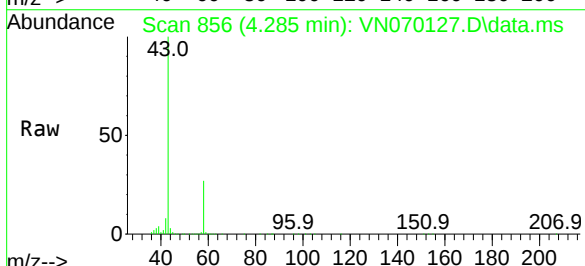
Acq: 16 Dec 2021 10:17

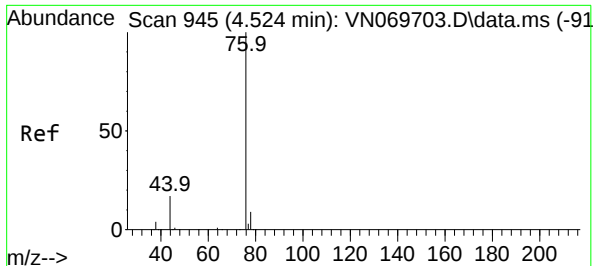
Tgt Ion: 43 Resp: 2441808

Ion Ratio Lower Upper

43 100

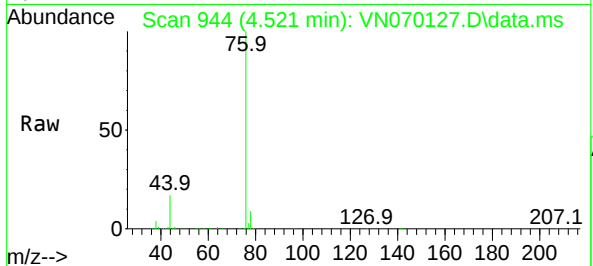
58 27.5 23.1 34.7





#17
Carbon Disulfide
Concen: 43.722 ug/l
RT: 4.521 min Scan# 945
Delta R.T. -0.003 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

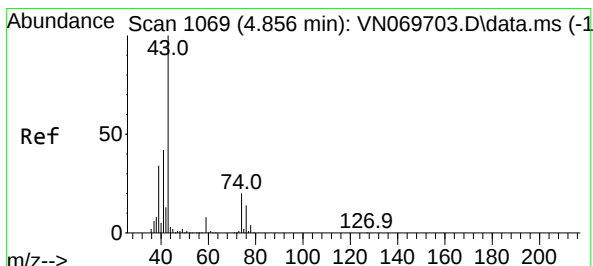
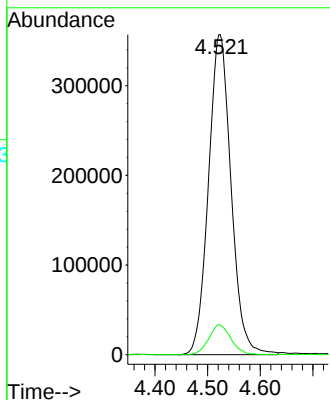
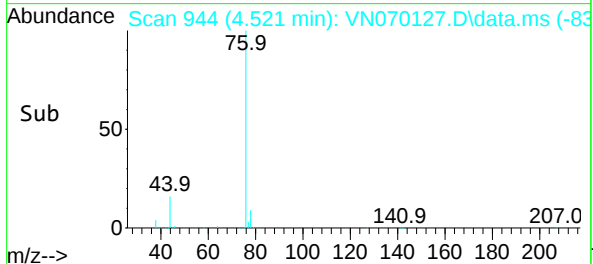
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



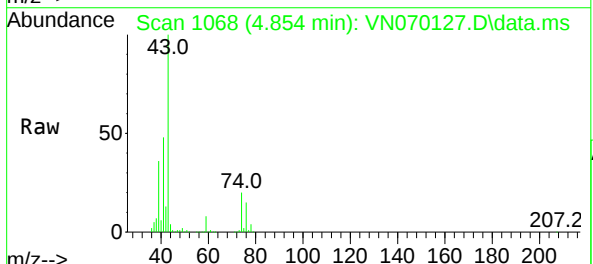
Tgt Ion: 76 Resp: 106427
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

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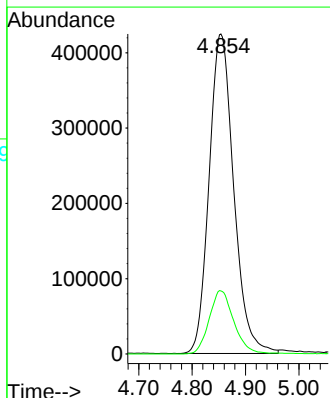
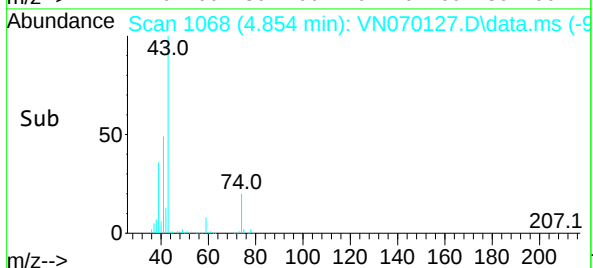
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

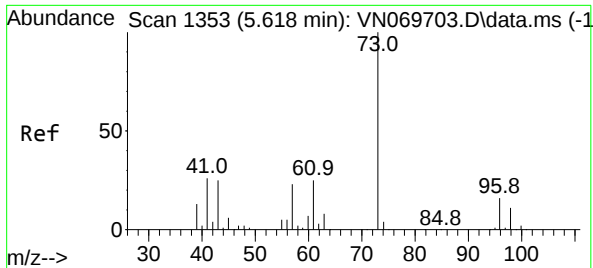


#18
Methyl Acetate
Concen: 49.047 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17



Tgt Ion: 43 Resp: 1360125
Ion Ratio Lower Upper
43 100
74 19.8 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 51.642 ug/l

RT: 5.615 min Scan# 1135

Delta R.T. -0.003 min

Lab File: VN070127.D

Acq: 16 Dec 2021 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 189193

Ion Ratio Lower Upper

73 100

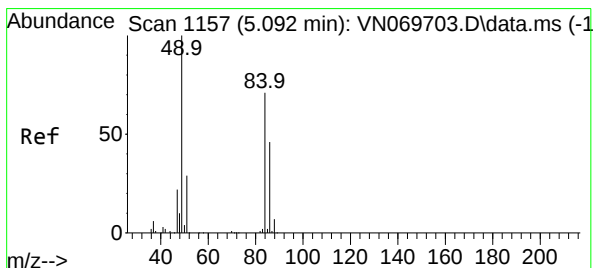
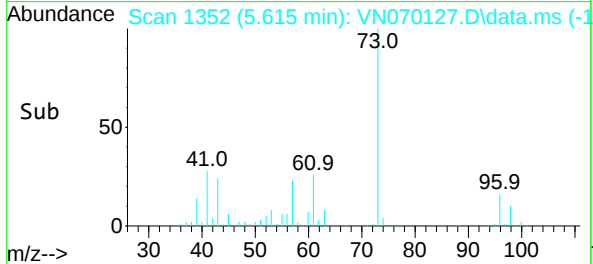
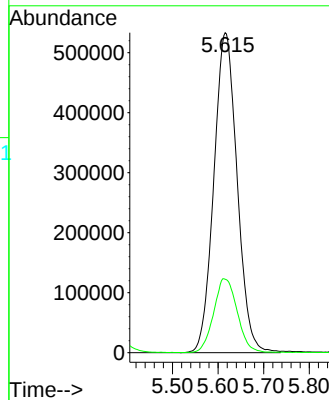
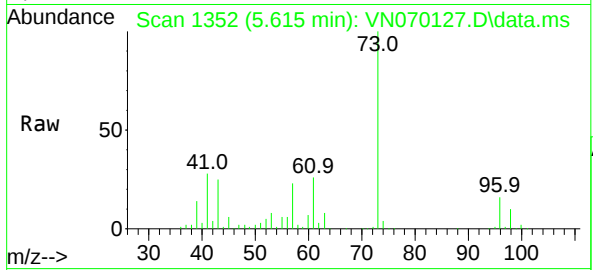
57 22.9 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/23/2021



#20

Methylene Chloride

Concen: 48.306 ug/l

RT: 5.090 min Scan# 1156

Delta R.T. -0.003 min

Lab File: VN070127.D

Acq: 16 Dec 2021 10:17

Tgt Ion: 84 Resp: 589969

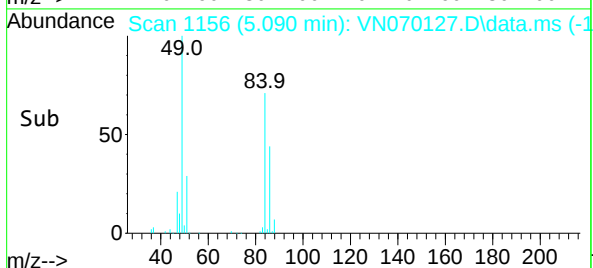
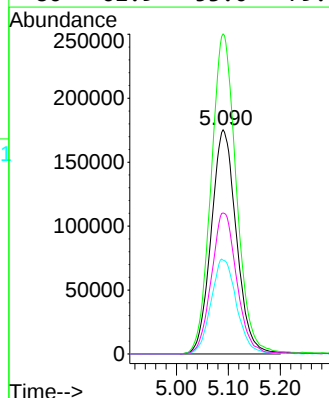
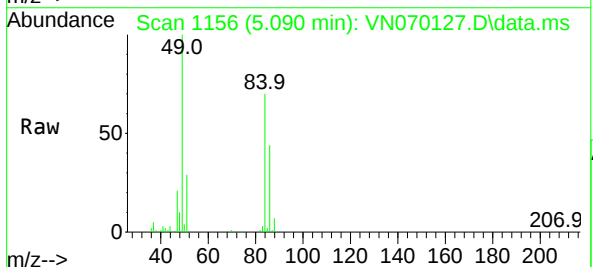
Ion Ratio Lower Upper

84 100

49 142.6 93.5 140.3#

51 41.8 29.4 44.2

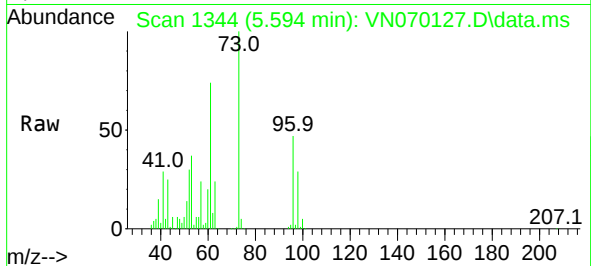
86 62.9 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 48.692 ug/l
RT: 5.594 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

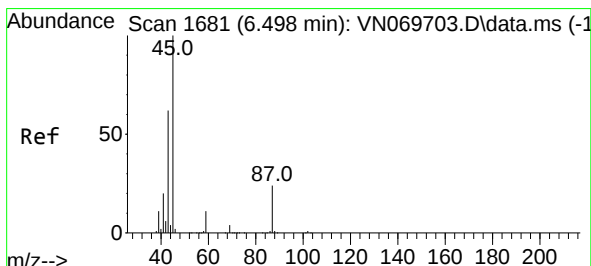
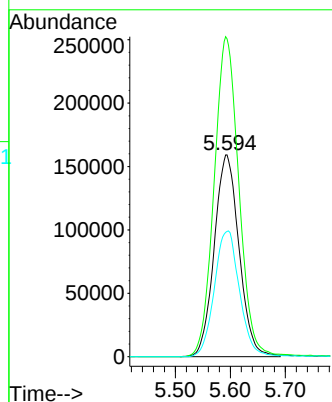
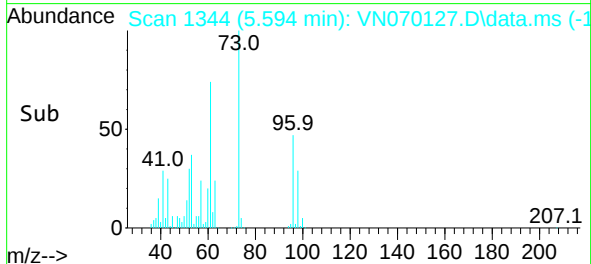
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



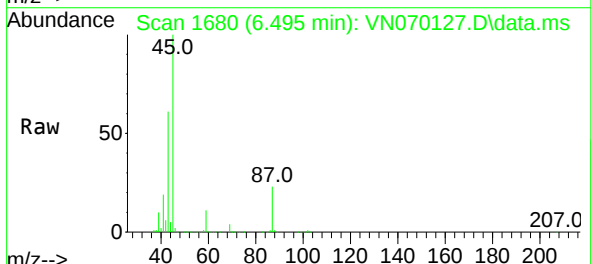
Tgt Ion: 96 Resp: 498308
Ion Ratio Lower Upper
96 100
61 157.5 105.8 158.6
98 62.1 52.0 78.0

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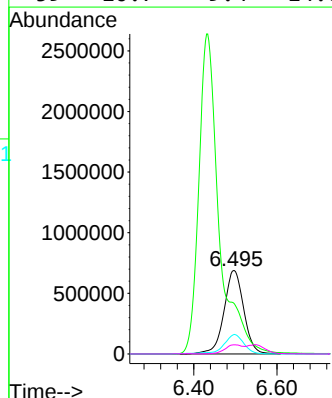
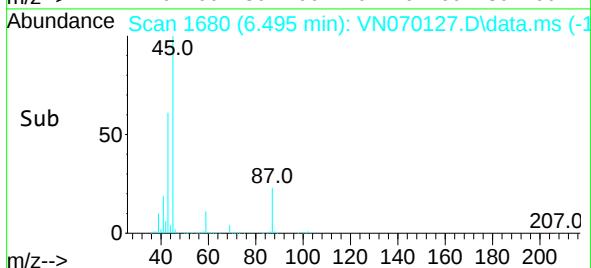
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

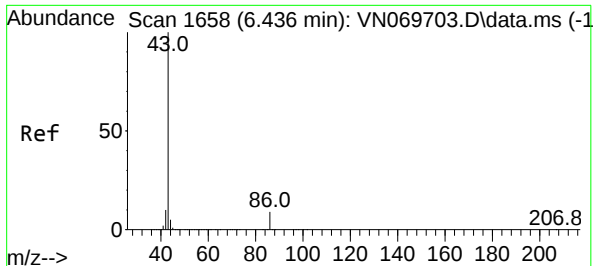


#22
Diisopropyl ether
Concen: 54.822 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17



Tgt Ion: 45 Resp: 2275017
Ion Ratio Lower Upper
45 100
43 60.7 51.7 77.5
87 22.9 23.2 34.8#
59 10.7 9.4 14.0





#23

Vinyl Acetate

Concen: 265.165 ug/l

RT: 6.431 min Scan# 1656

Delta R.T. -0.005 min

Lab File: VN070127.D

Acq: 16 Dec 2021 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 895226

Ion Ratio Lower Upper

43 100

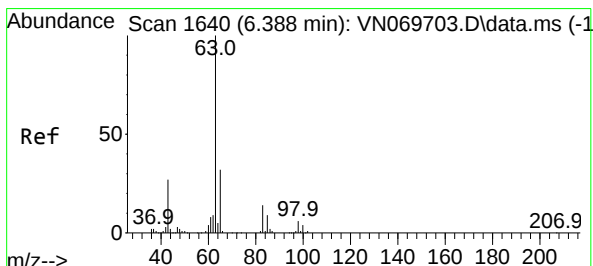
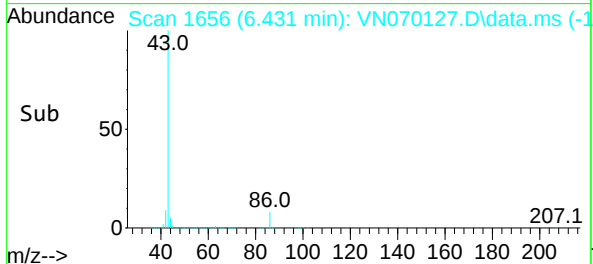
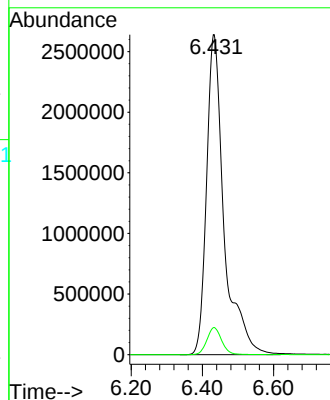
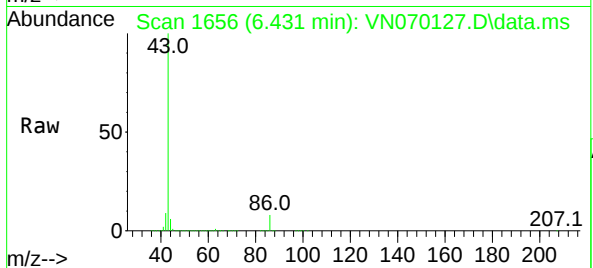
86 8.5 8.5 12.7

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: 52.265 ug/l

RT: 6.385 min Scan# 1639

Delta R.T. -0.003 min

Lab File: VN070127.D

Acq: 16 Dec 2021 10:17

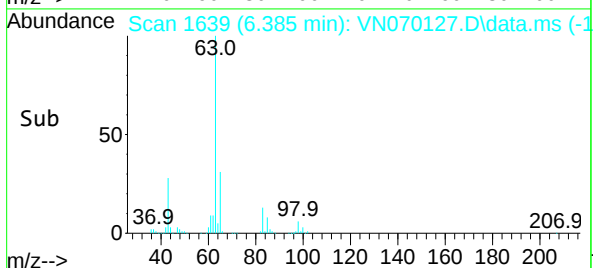
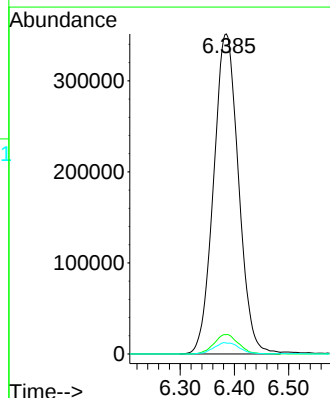
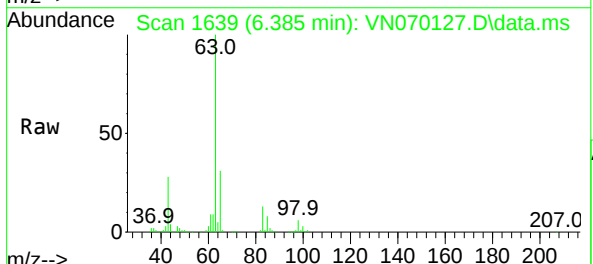
Tgt Ion: 63 Resp: 1123511

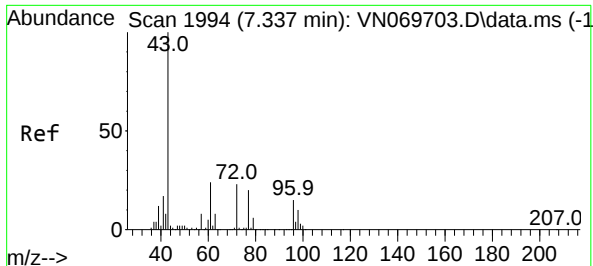
Ion Ratio Lower Upper

63 100

98 6.1 3.3 9.9

100 3.4 2.1 6.5





#25

2-Butanone

Concen: 253.595 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN070127.D

Acq: 16 Dec 2021 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 316554

Ion Ratio Lower Upper

43 100

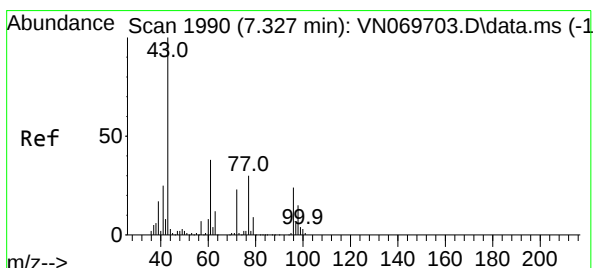
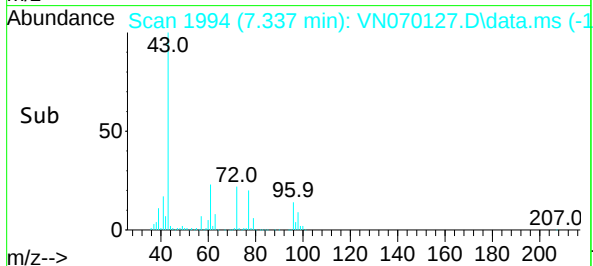
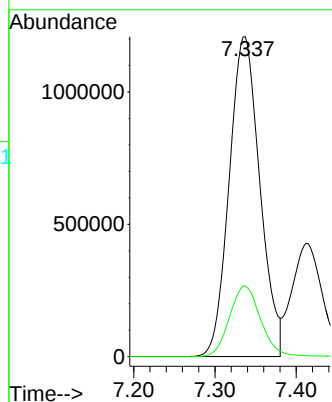
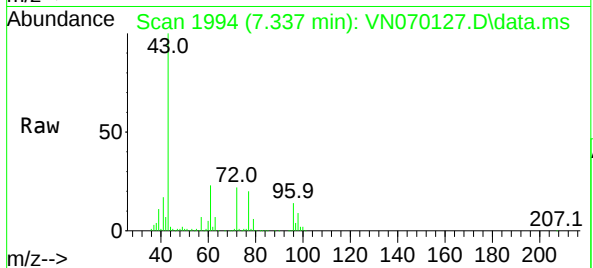
72 22.1 21.7 32.5

Manual Integrations

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Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/23/2021



#26

2,2-Dichloropropane

Concen: 52.521 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN070127.D

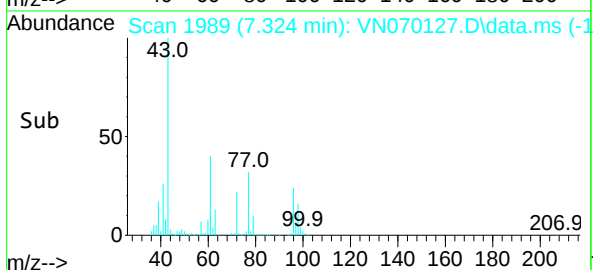
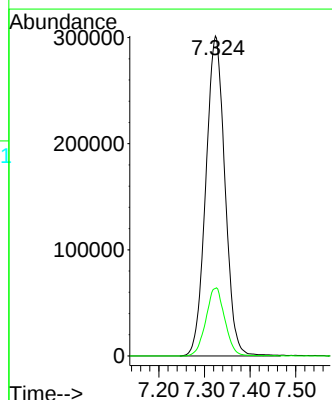
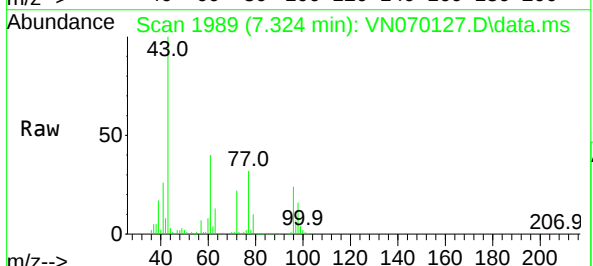
Acq: 16 Dec 2021 10:17

Tgt Ion: 77 Resp: 877823

Ion Ratio Lower Upper

77 100

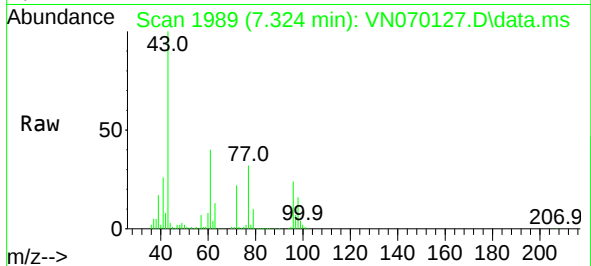
97 21.0 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 49.815 ug/l
 RT: 7.324 min Scan# 1989
 Delta R.T. -0.003 min
 Lab File: VN070127.D
 Acq: 16 Dec 2021 10:17

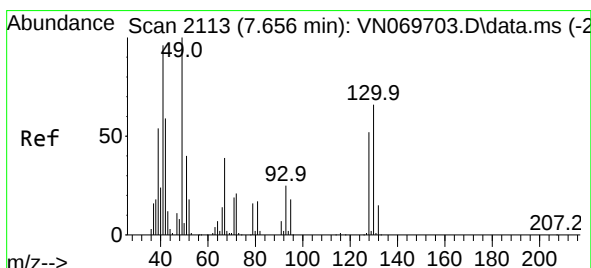
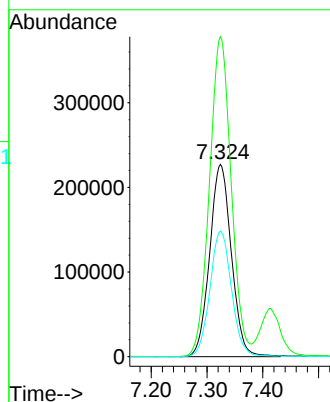
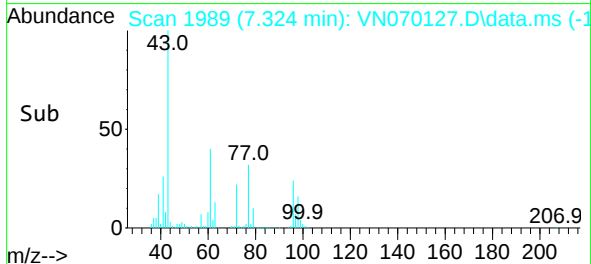
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 61593
 Ion Ratio Lower Upper
 96 100
 61 166.3 0.0 275.0
 98 65.0 0.0 129.6

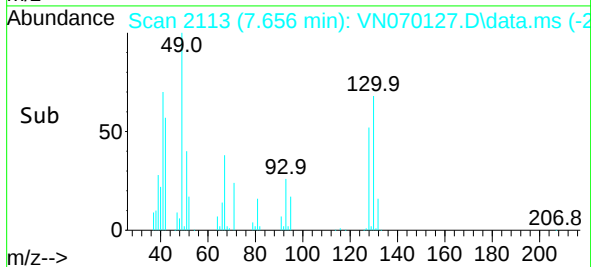
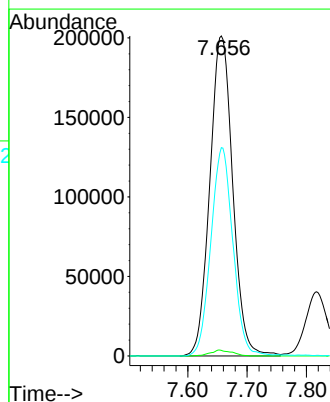
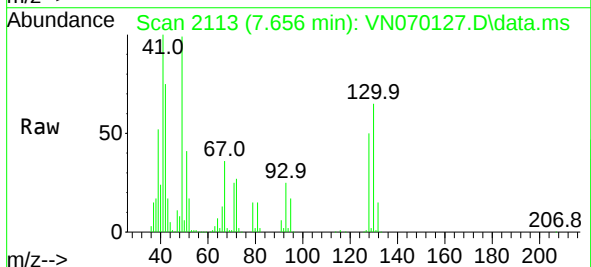
Manual Integrations
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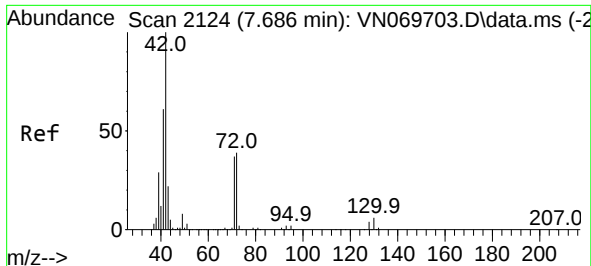
Reviewed By :John Carlone 12/17/2021
 Supervised By :Mahesh Dadoda 12/23/2021



#28
 Bromochloromethane
 Concen: 48.288 ug/l
 RT: 7.656 min Scan# 2113
 Delta R.T. 0.000 min
 Lab File: VN070127.D
 Acq: 16 Dec 2021 10:17

Tgt Ion: 49 Resp: 539787
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.0
 130 62.6 67.8 101.8#





#29

Tetrahydrofuran

Concen: 247.774 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN070127.D

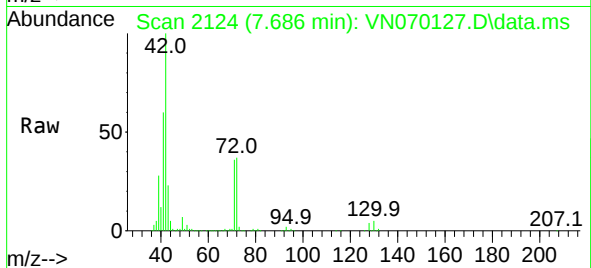
Acq: 16 Dec 2021 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 42 Resp: 187807

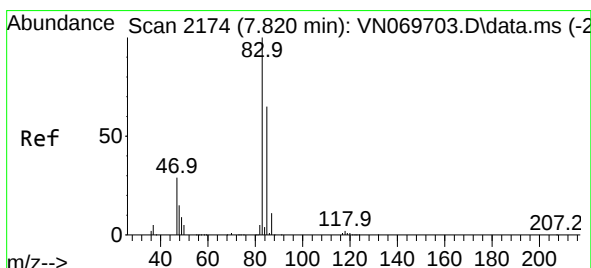
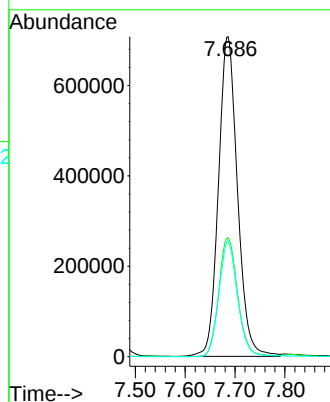
Ion	Ratio	Lower	Upper
42	100		
72	37.0	36.3	54.5
71	35.3	34.7	52.1

Manual Integrations

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Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/23/2021



#30

Chloroform

Concen: 51.781 ug/l

RT: 7.817 min Scan# 2173

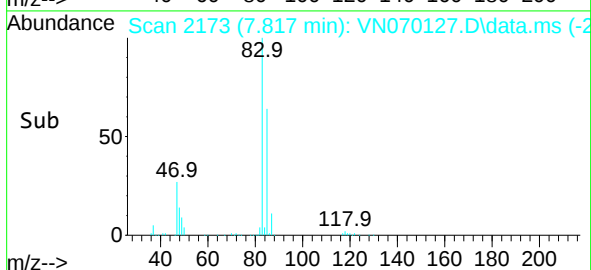
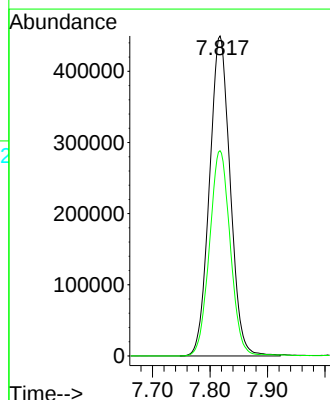
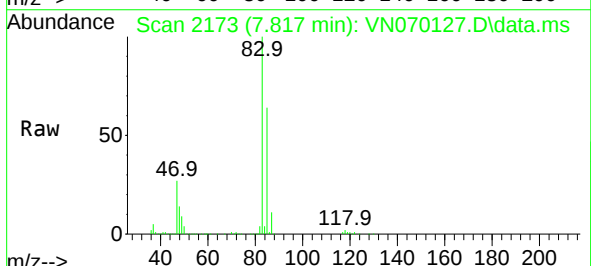
Delta R.T. -0.003 min

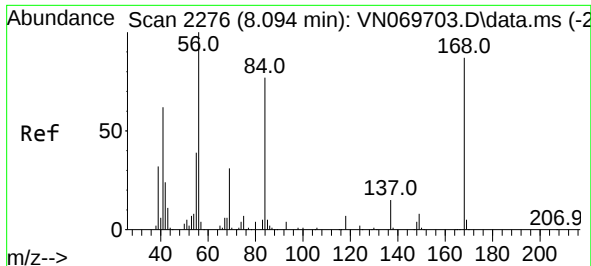
Lab File: VN070127.D

Acq: 16 Dec 2021 10:17

Tgt Ion: 83 Resp: 1124176

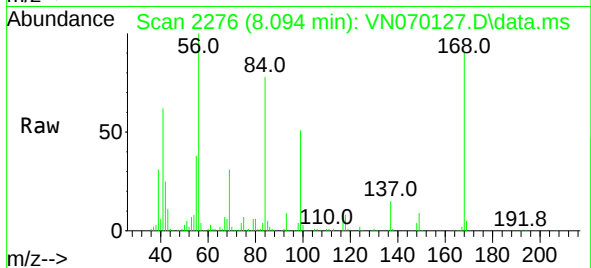
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.9	77.9





#31
Cyclohexane
Concen: 48.466 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

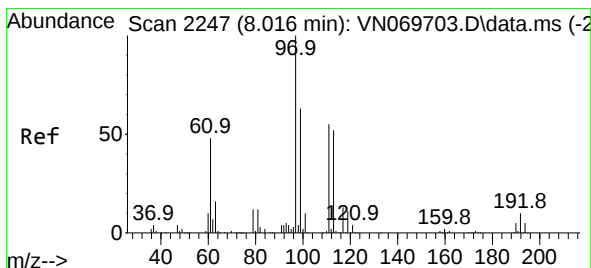
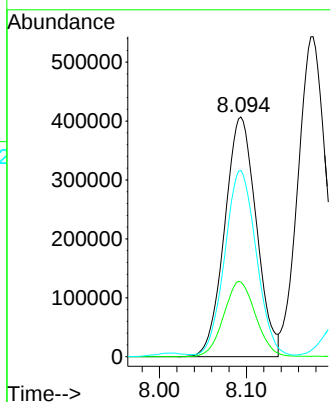
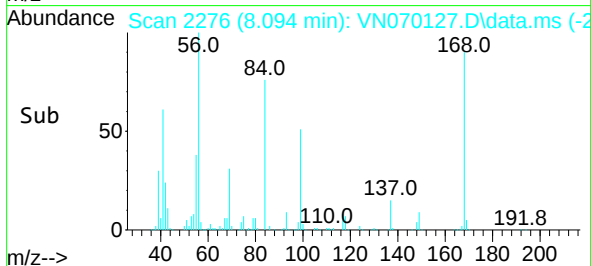
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



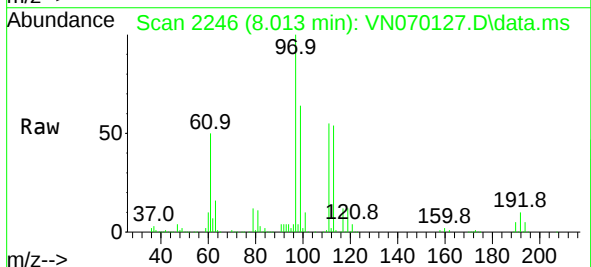
Tgt Ion: 56 Resp: 1030099
Ion Ratio Lower Upper
56 100
69 31.2 27.1 40.7
84 76.4 73.4 110.0

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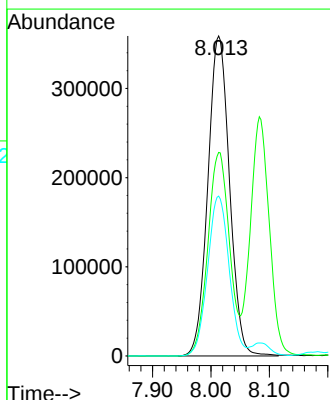
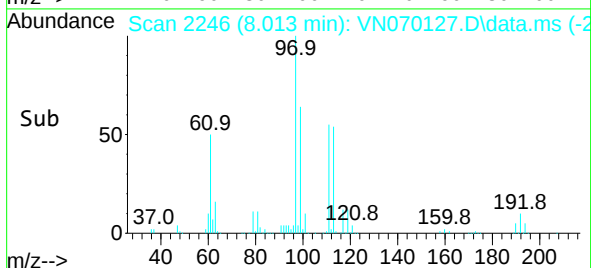
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#32
1,1,1-Trichloroethane
Concen: 50.034 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17



Tgt Ion: 97 Resp: 925273
Ion Ratio Lower Upper
97 100
99 63.6 50.1 75.1
61 49.9 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.054 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070127.D

Acq: 16 Dec 2021 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 764460

Ion Ratio Lower Upper

65 100

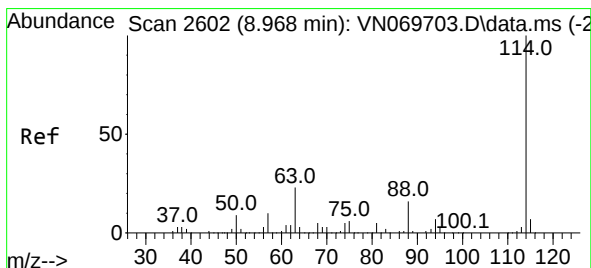
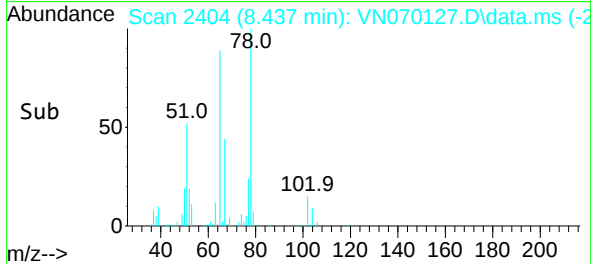
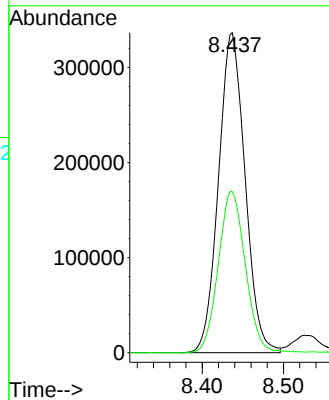
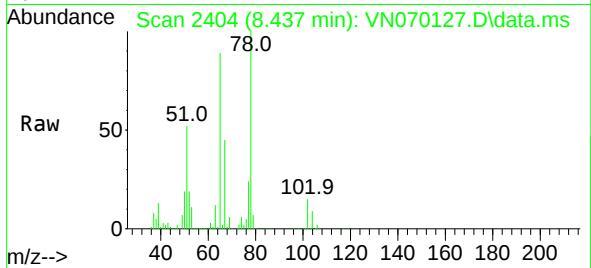
67 51.5 0.0 103.0

Manual Integrations

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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: VN070127.D

Acq: 16 Dec 2021 10:17

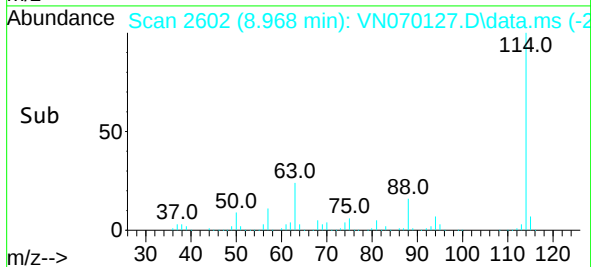
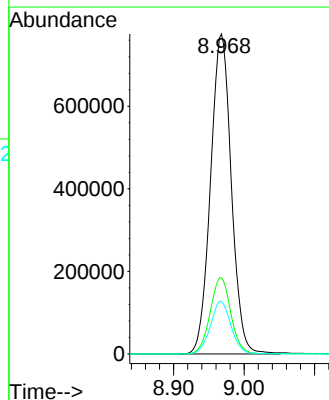
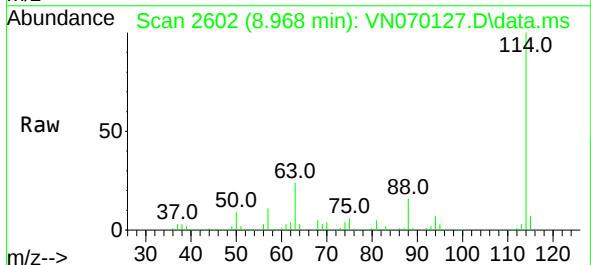
Tgt Ion:114 Resp: 1585683

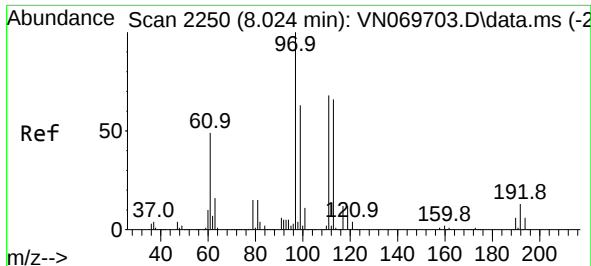
Ion Ratio Lower Upper

114 100

63 23.8 0.0 37.8

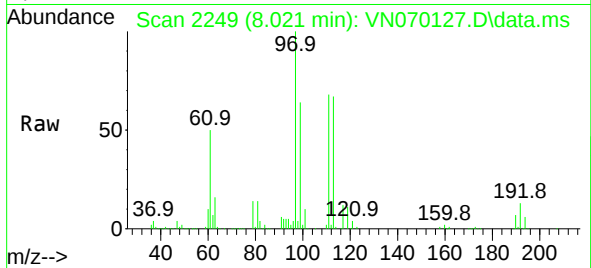
88 16.4 0.0 27.4





#35
Dibromofluoromethane
Concen: 53.349 ug/l
RT: 8.021 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

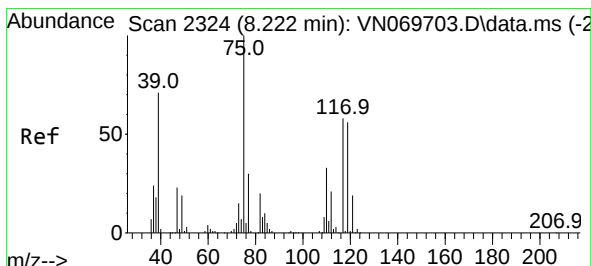
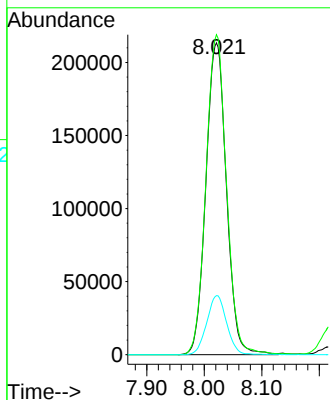
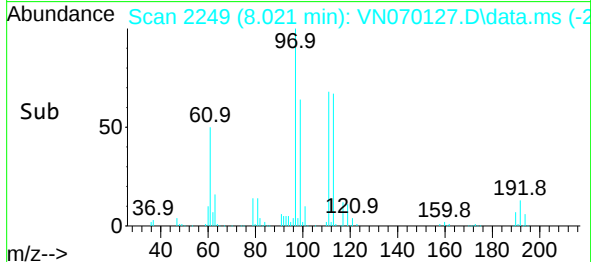
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



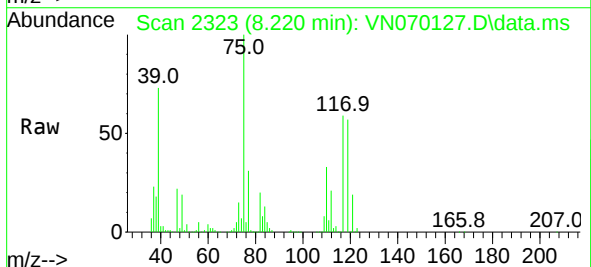
Tgt Ion: 113 Resp: 529879
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 18.4 16.9 25.3

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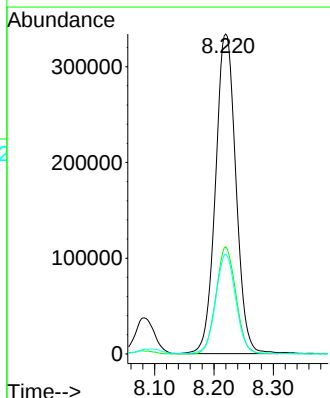
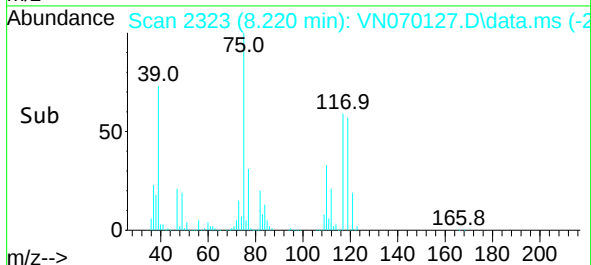
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

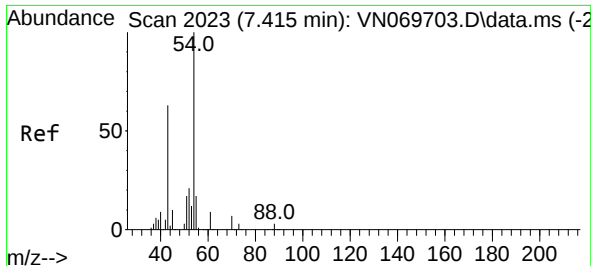


#36
1,1-Dichloropropene
Concen: 52.891 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17



Tgt Ion: 75 Resp: 798406
Ion Ratio Lower Upper
75 100
110 32.9 18.4 55.2
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 50.697 ug/l

RT: 7.412 min Scan# 2023

Delta R.T. -0.003 min

Lab File: VN070127.D

Acq: 16 Dec 2021 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 113903

Ion Ratio Lower Upper

43 100

61 12.2 11.5 17.3

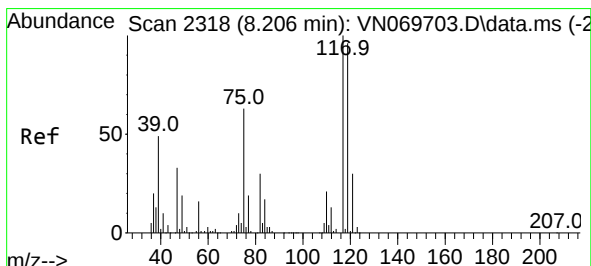
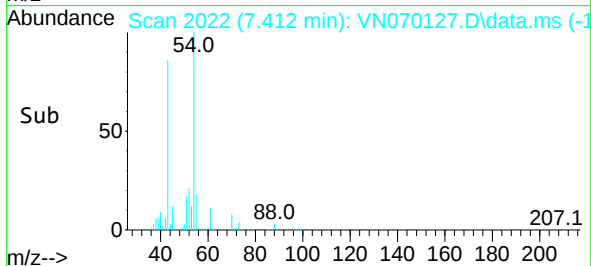
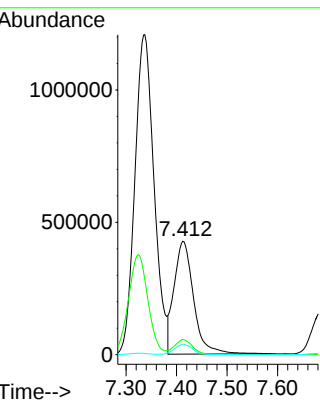
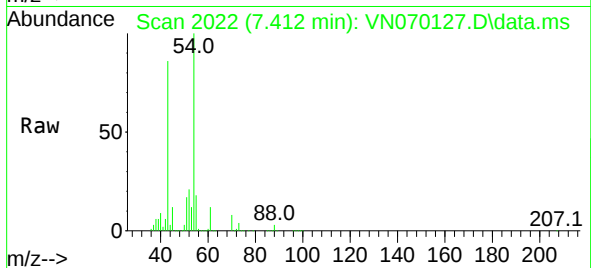
70 8.5 7.9 11.9

Manual Integrations

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Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/23/2021



#38

Carbon Tetrachloride

Concen: 50.411 ug/l

RT: 8.206 min Scan# 2318

Delta R.T. 0.000 min

Lab File: VN070127.D

Acq: 16 Dec 2021 10:17

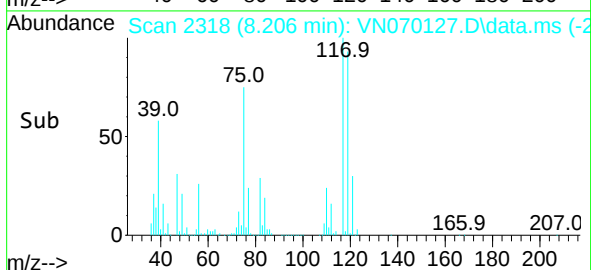
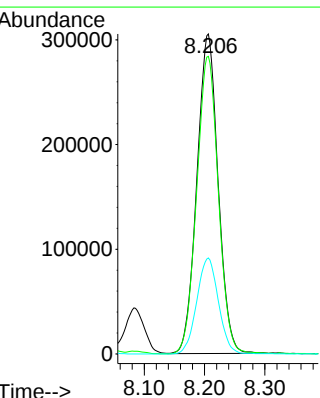
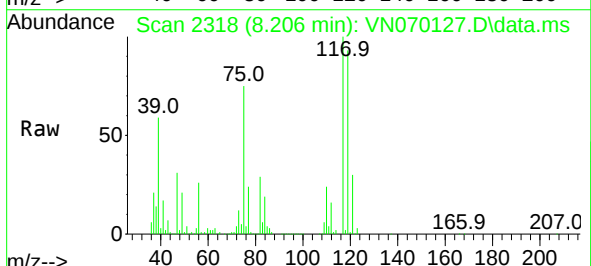
Tgt Ion:117 Resp: 746226

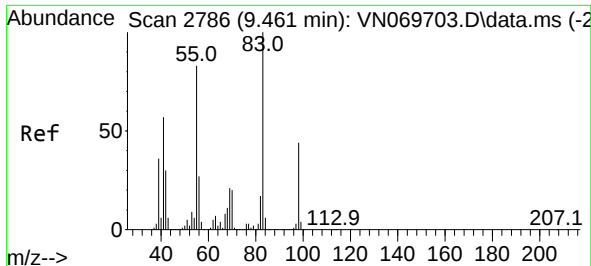
Ion Ratio Lower Upper

117 100

119 93.1 76.1 114.1

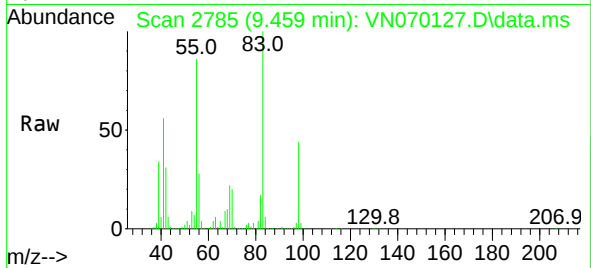
121 30.0 24.2 36.2





#39
Methylcyclohexane
Concen: 53.899 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

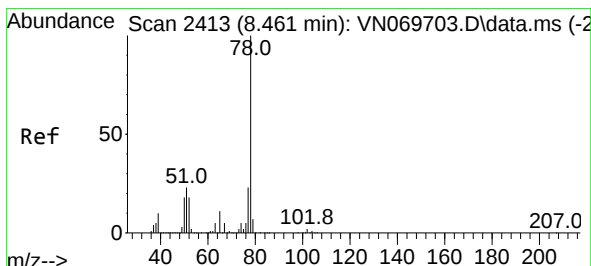
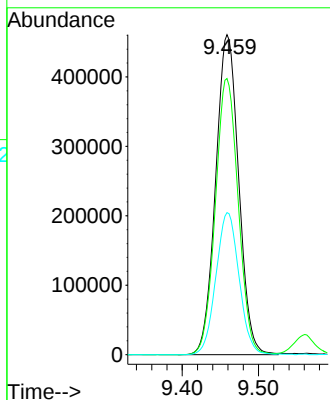
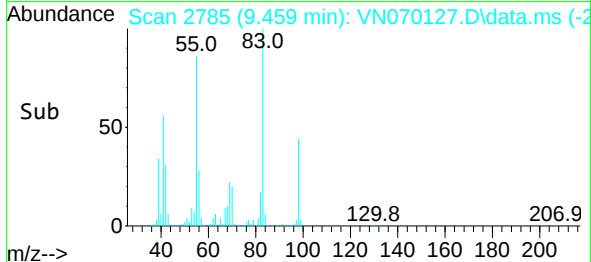
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



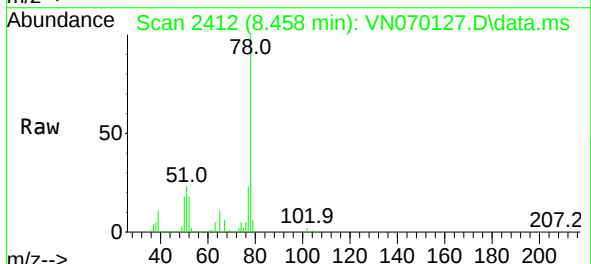
Tgt Ion: 83 Resp: 96777
Ion Ratio Lower Upper
83 100
55 86.3 58.1 87.1
98 44.4 38.4 57.6

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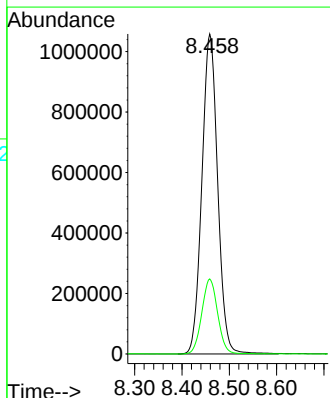
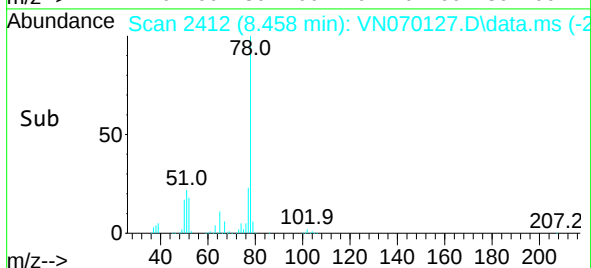
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

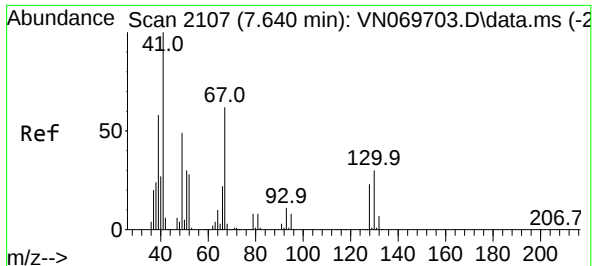


#40
Benzene
Concen: 53.116 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17



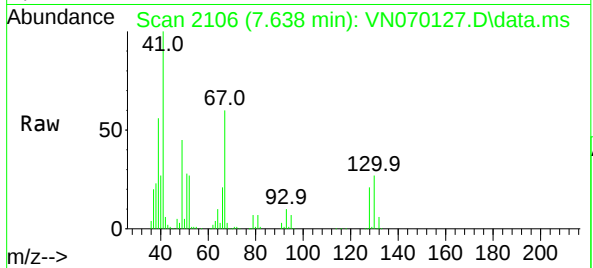
Tgt Ion: 78 Resp: 2450801
Ion Ratio Lower Upper
78 100
77 23.5 18.6 27.8





#41
Methacrylonitrile
Concen: 54.477 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

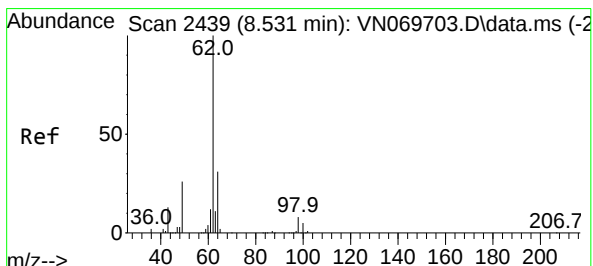
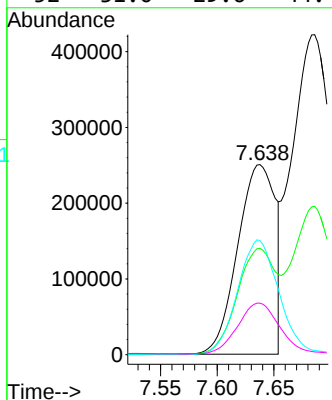
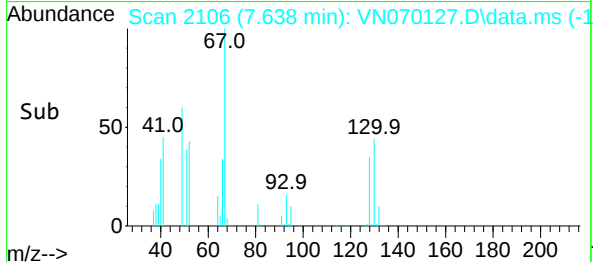
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



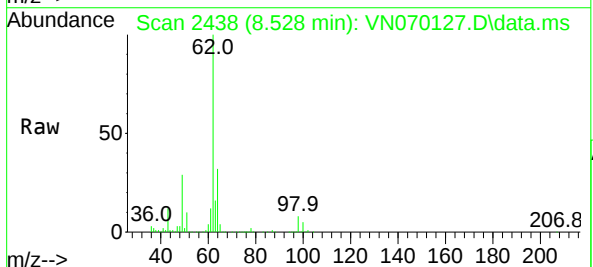
Tgt Ion: 41 Resp: 574564
Ion Ratio Lower Upper
41 100
39 58.5 48.1 72.1
67 67.9 68.3 102.5
52 31.0 29.6 44.4

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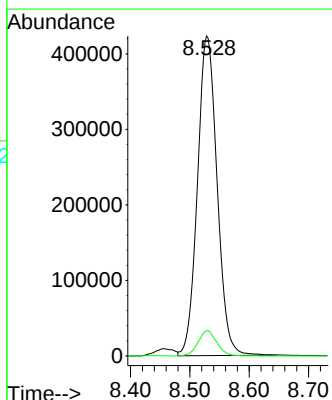
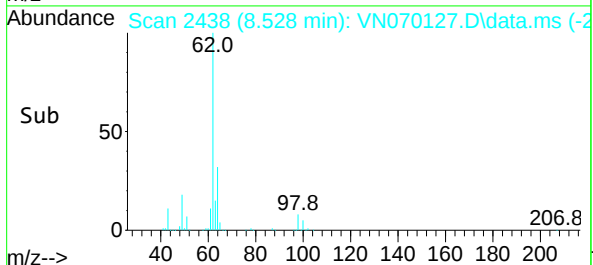
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

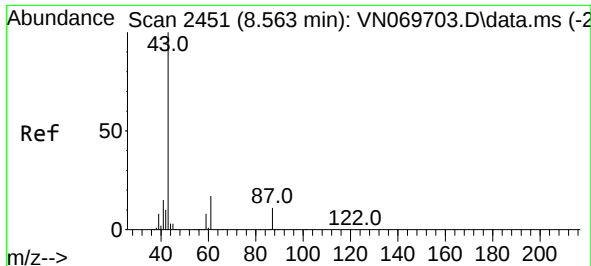


#42
1,2-Dichloroethane
Concen: 52.248 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17



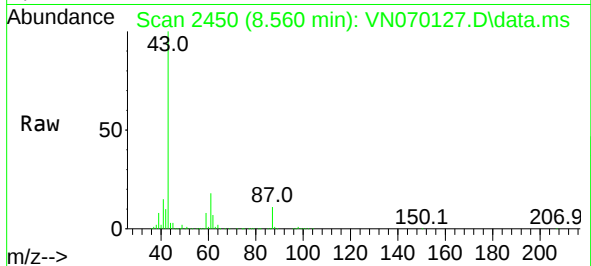
Tgt Ion: 62 Resp: 973153
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 52.525 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

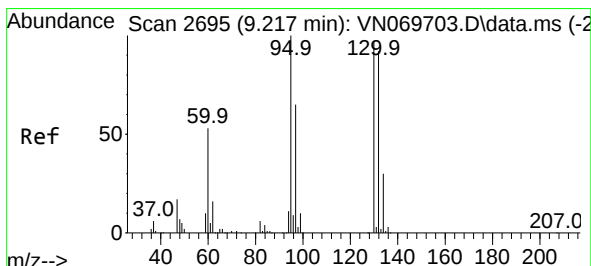
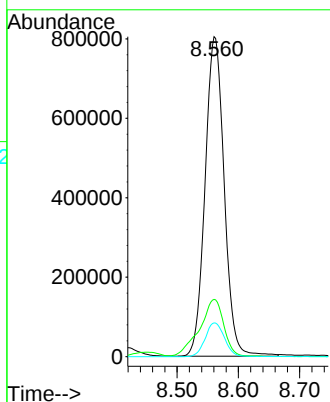
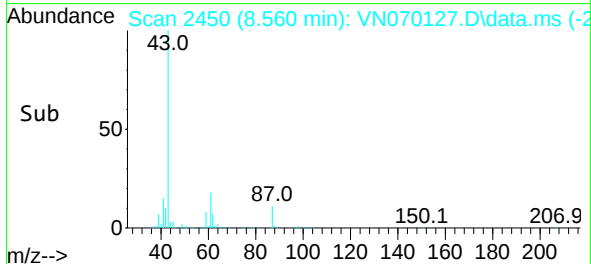
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 174634
Ion Ratio Lower Upper
43 100
61 22.4 20.4 30.6
87 10.7 11.2 16.8

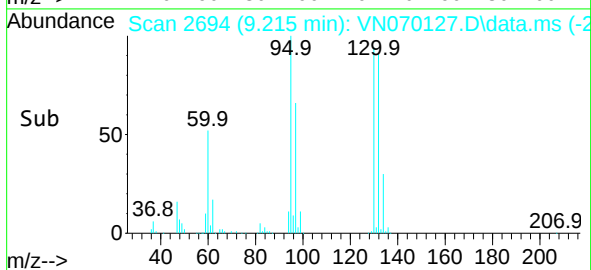
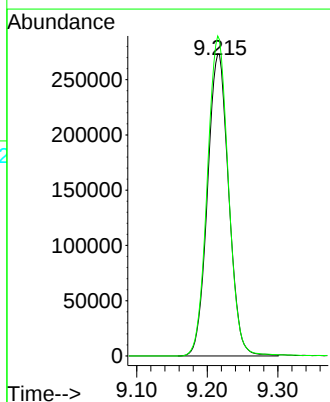
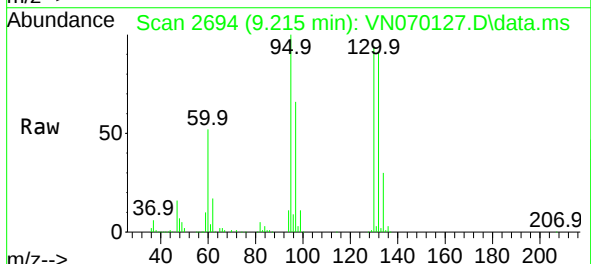
Manual Integrations
APPROVED

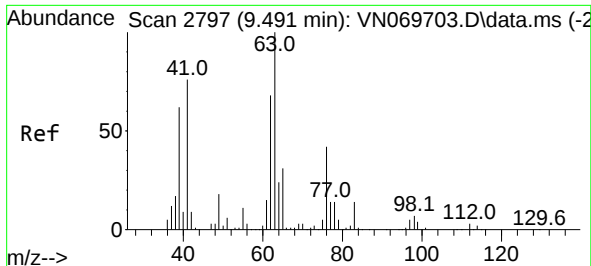
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#44
Trichloroethene
Concen: 51.744 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

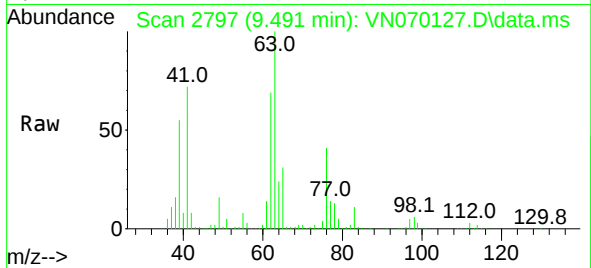
Tgt Ion:130 Resp: 569838
Ion Ratio Lower Upper
130 100
95 105.9 0.0 191.2





#45
1,2-Dichloropropane
Concen: 55.161 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

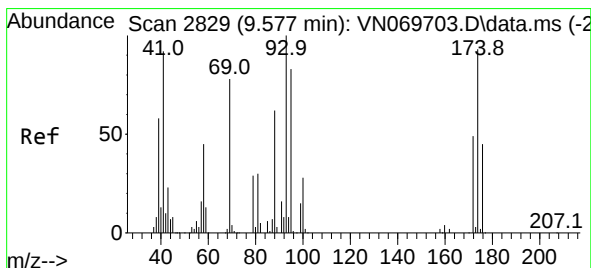
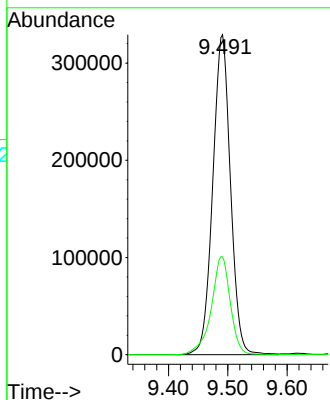
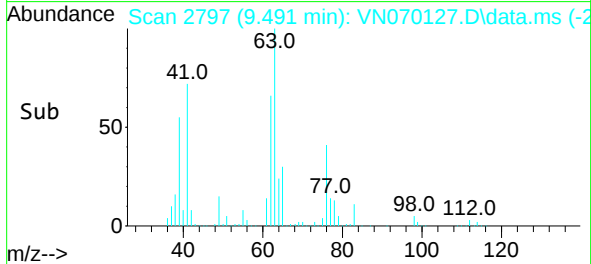
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



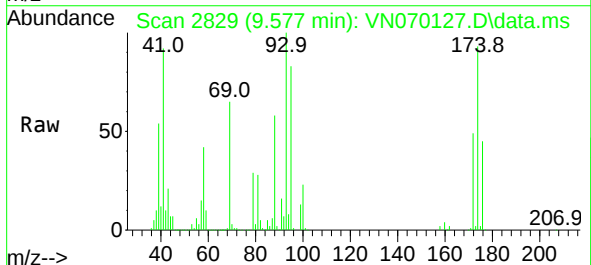
Tgt Ion: 63 Resp: 68346
Ion Ratio Lower Upper
63 100
65 30.5 24.7 37.1

Manual Integrations
APPROVED

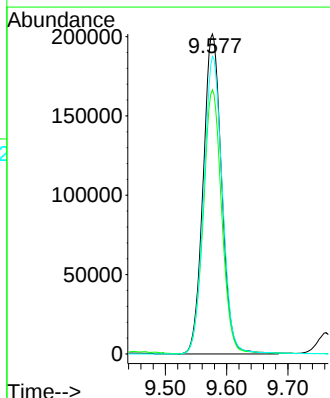
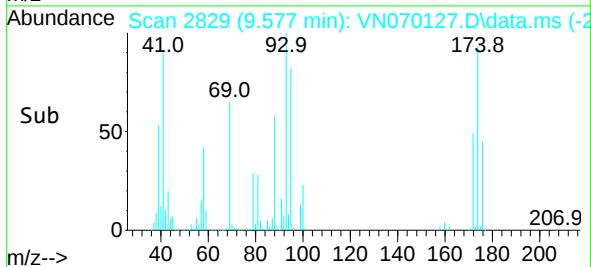
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

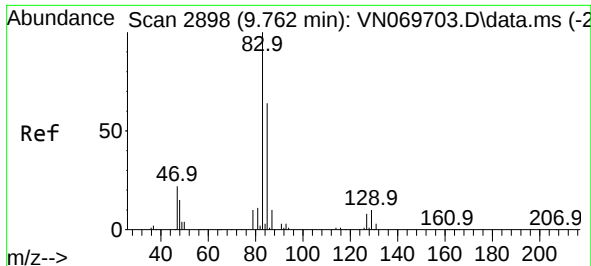


#46
Dibromomethane
Concen: 52.030 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17



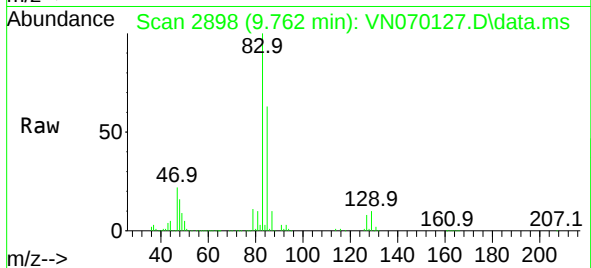
Tgt Ion: 93 Resp: 422798
Ion Ratio Lower Upper
93 100
95 81.9 65.9 98.9
174 93.6 84.6 127.0





#47
Bromodichloromethane
Concen: 55.422 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

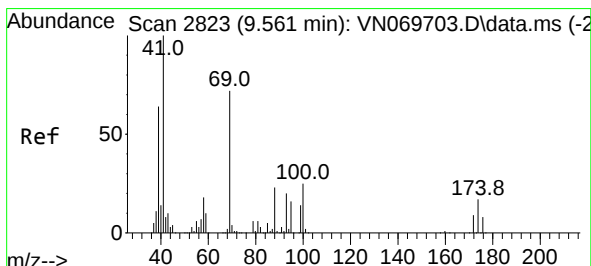
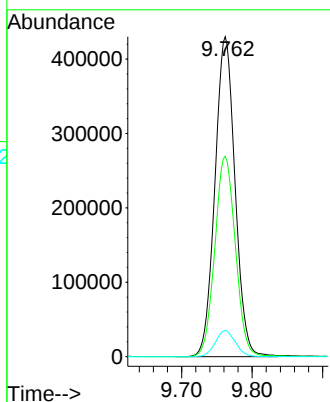
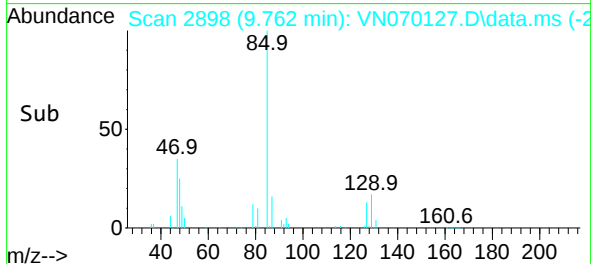
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 852690
Ion Ratio Lower Upper
83 100
85 62.6 50.9 76.3
127 8.2 7.1 10.7

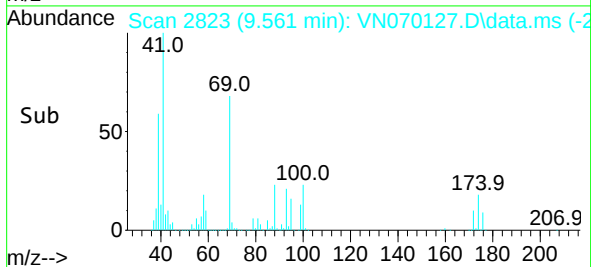
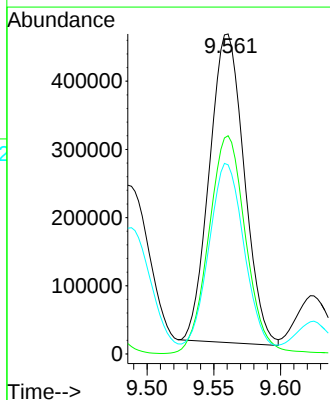
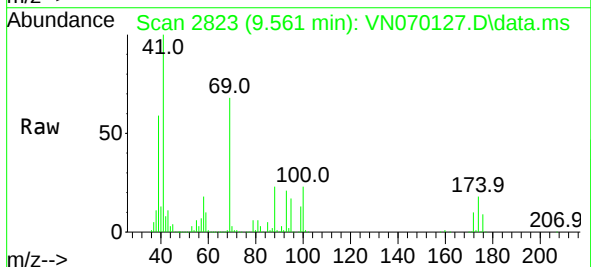
Manual Integrations
APPROVED

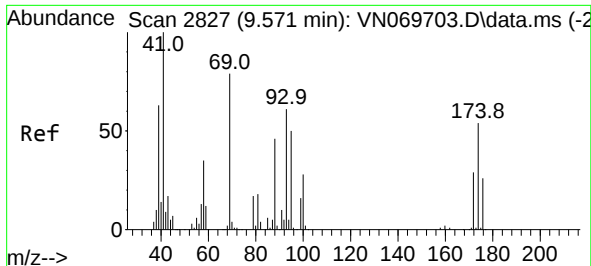
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#48
Methyl methacrylate
Concen: 52.980 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

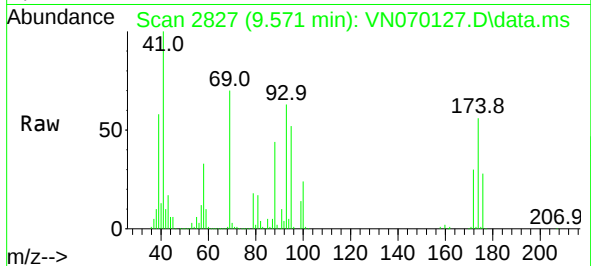
Tgt Ion: 41 Resp: 822037
Ion Ratio Lower Upper
41 100
69 74.7 72.4 108.6
39 63.6 58.4 87.6





#49
1,4-Dioxane
Concen: 1021.290 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

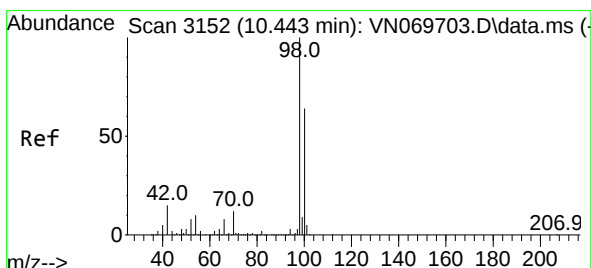
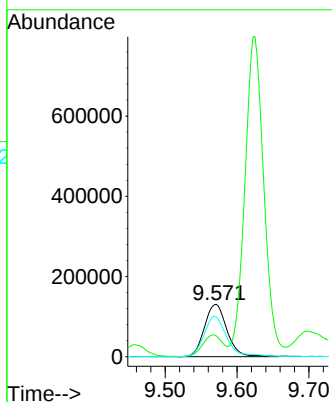
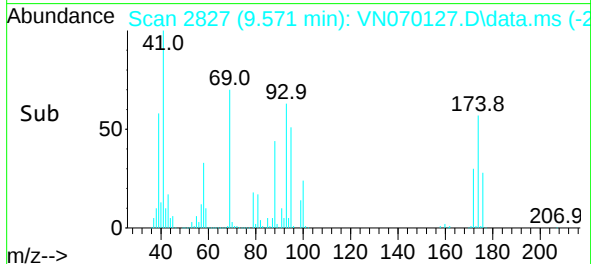
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 284332
Ion Ratio Lower Upper
88 100
43 37.0 23.4 35.2
58 78.9 50.6 75.8

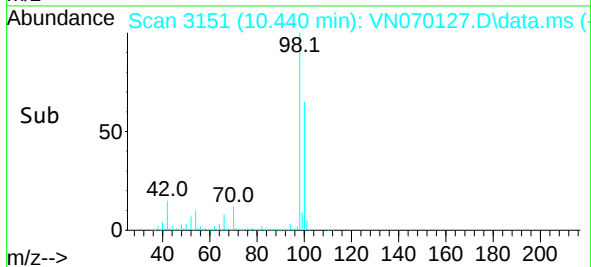
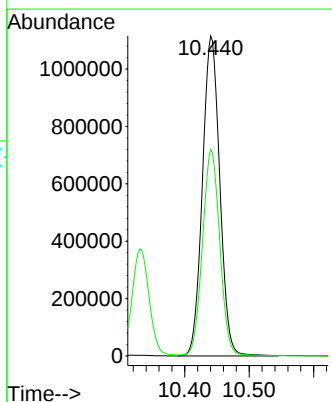
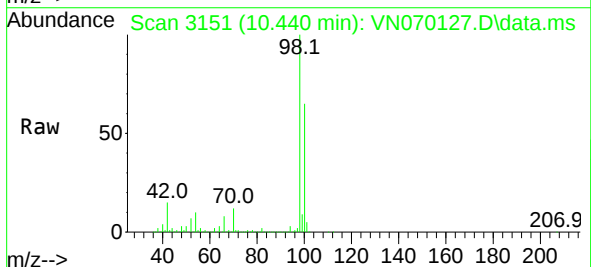
Manual Integrations
APPROVED

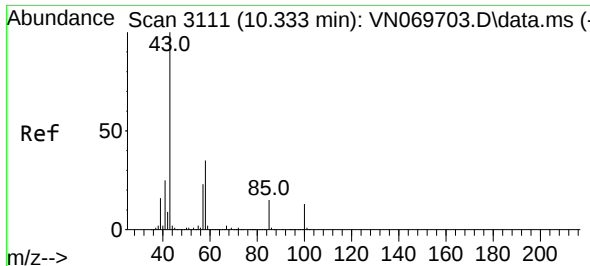
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#50
Toluene-d8
Concen: 52.202 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

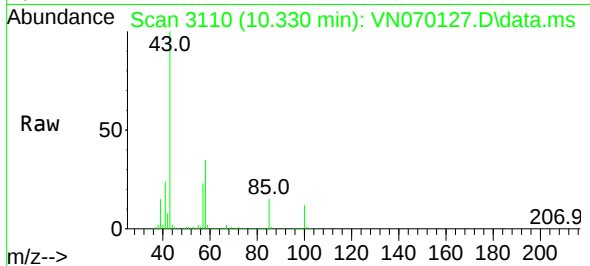
Tgt Ion: 98 Resp: 2081924
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 273.131 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

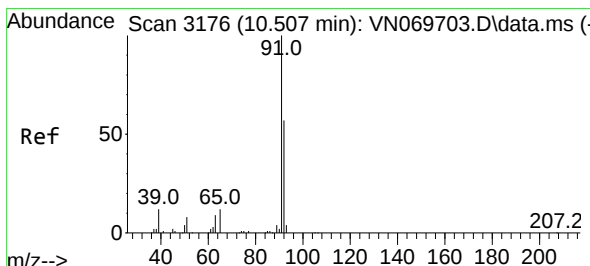
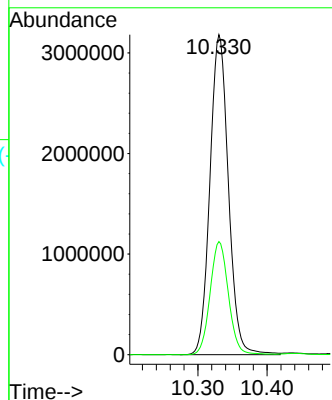
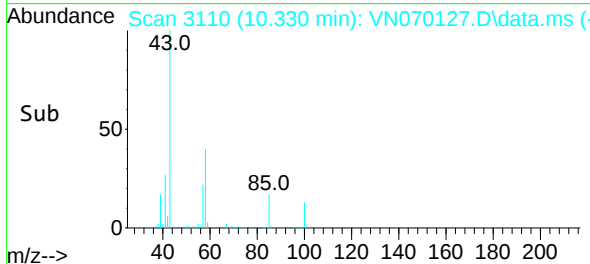
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



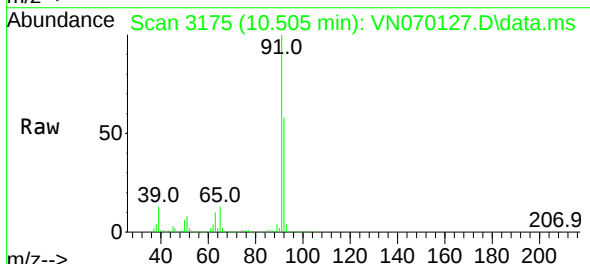
Tgt Ion: 43 Resp: 5891128
Ion Ratio Lower Upper
43 100
58 35.1 30.4 45.6

Manual Integrations
APPROVED

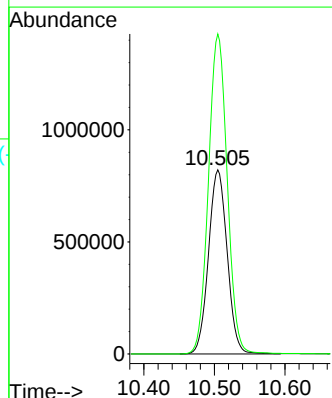
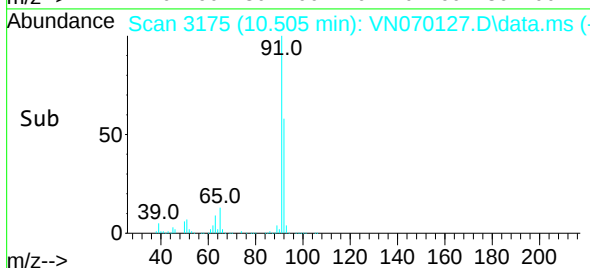
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

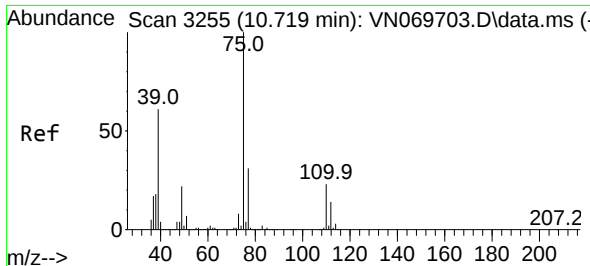


#52
Toluene
Concen: 53.607 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17



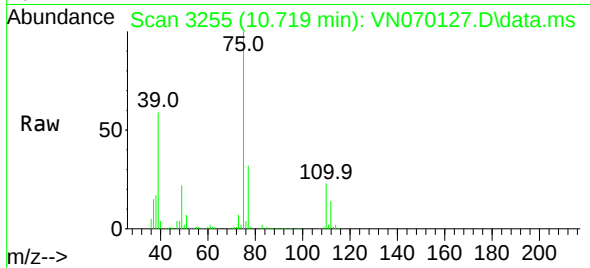
Tgt Ion: 92 Resp: 1510071
Ion Ratio Lower Upper
92 100
91 175.2 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 49.219 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

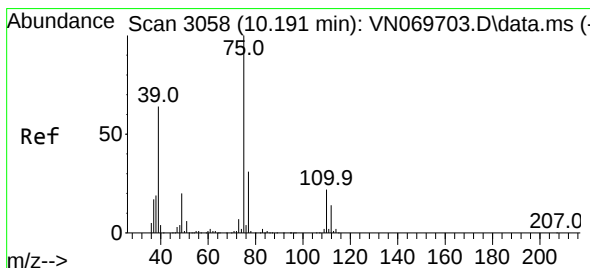
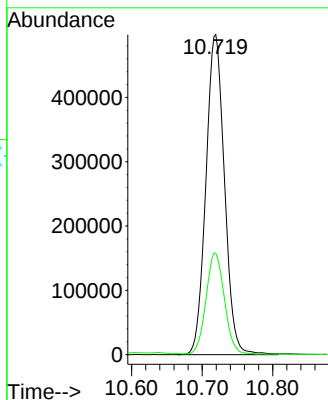
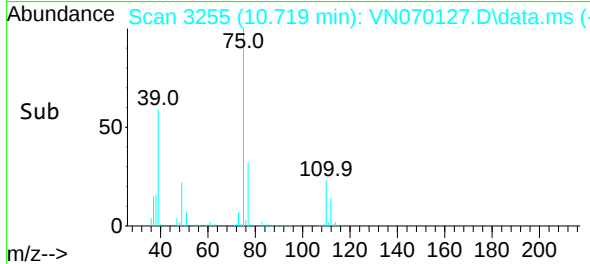
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



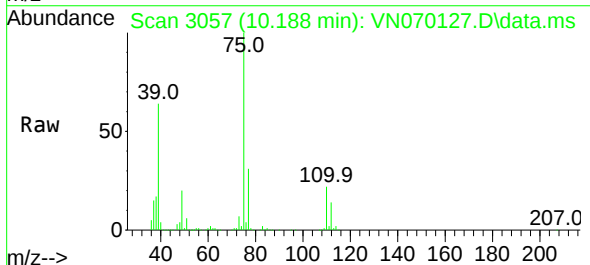
Tgt Ion: 75 Resp: 910064
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4

Manual Integrations
APPROVED

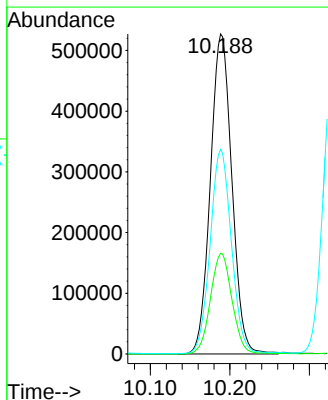
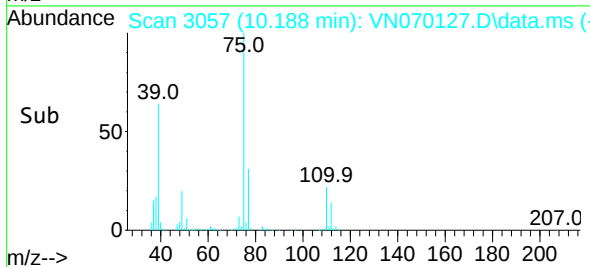
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

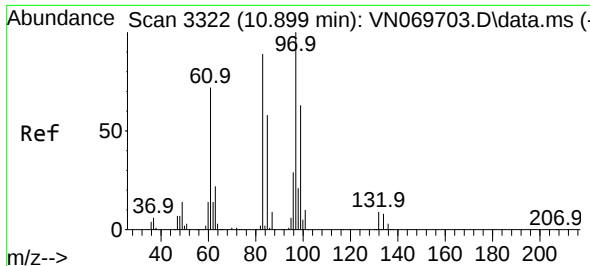


#54
cis-1,3-Dichloropropene
Concen: 50.895 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17



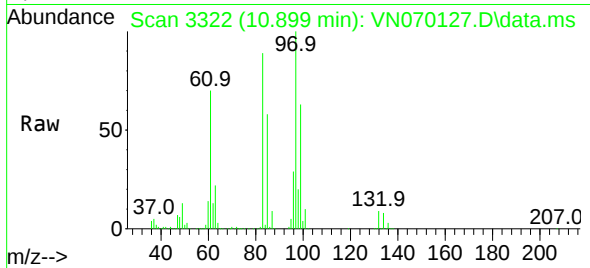
Tgt Ion: 75 Resp: 989287
Ion Ratio Lower Upper
75 100
77 31.5 26.4 39.6
39 63.8 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 53.917 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

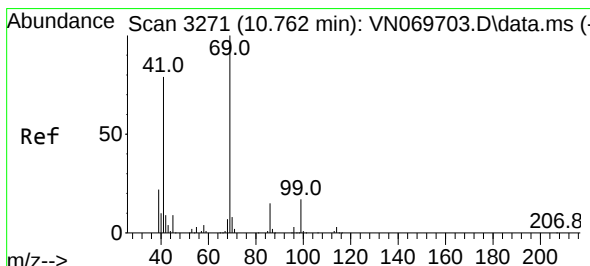
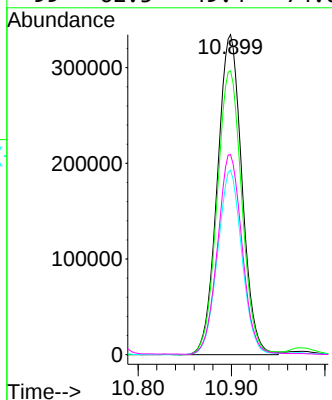
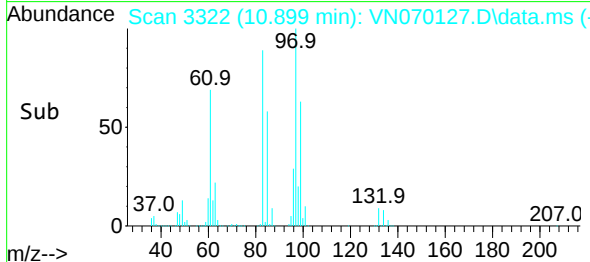
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



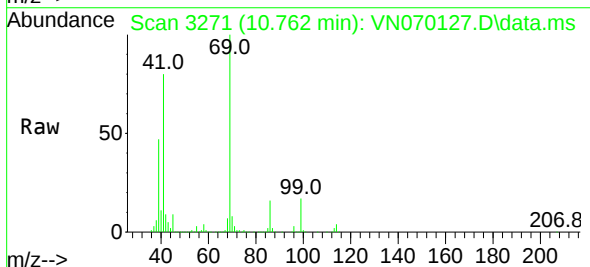
Tgt Ion: 97 Resp: 612812
Ion Ratio Lower Upper
97 100
83 88.7 67.8 101.6
85 57.6 45.4 68.2
99 62.3 49.4 74.0

Manual Integrations
APPROVED

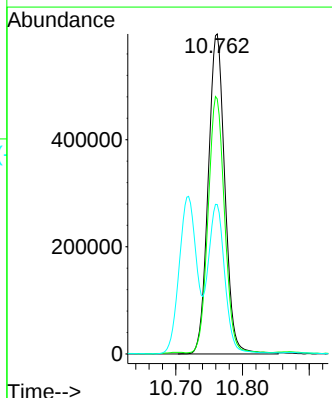
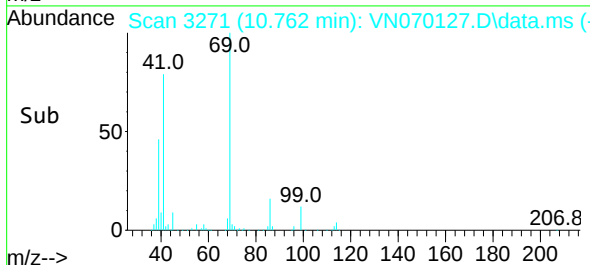
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

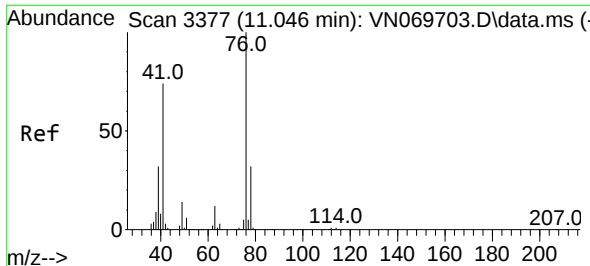


#56
Ethyl methacrylate
Concen: 48.281 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17



Tgt Ion: 69 Resp: 1033645
Ion Ratio Lower Upper
69 100
41 79.0 51.4 77.0#
39 45.5 34.6 52.0





#57

1,3-Dichloropropane

Concen: 54.444 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070127.D

Acq: 16 Dec 2021 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 108956

Ion Ratio Lower Upper

76 100

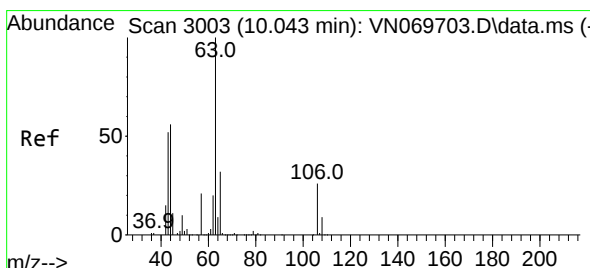
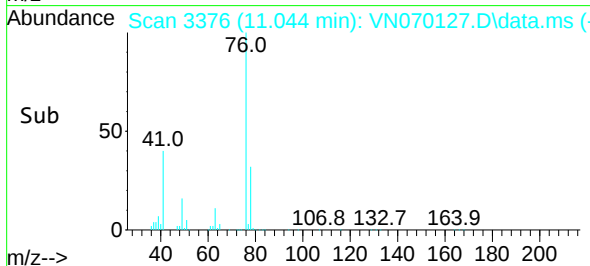
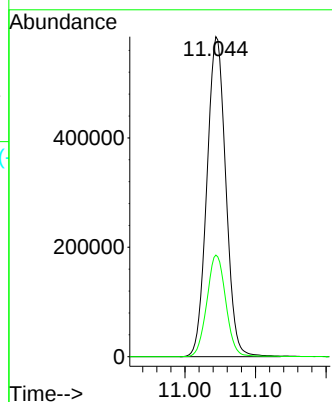
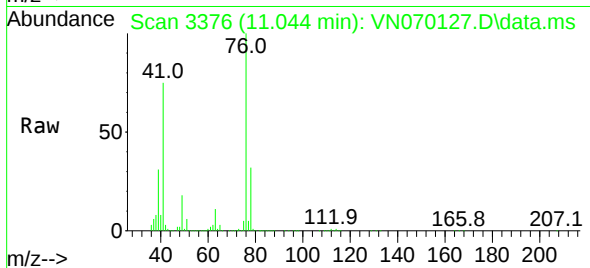
78 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/23/2021



#58

2-Chloroethyl Vinyl ether

Concen: 214.010 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN070127.D

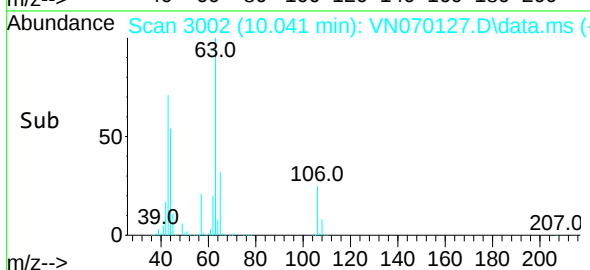
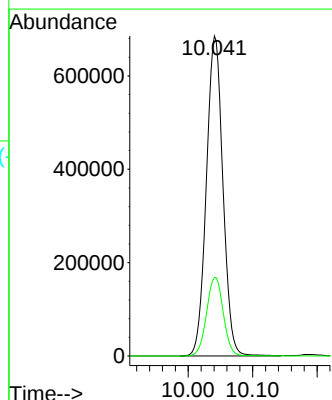
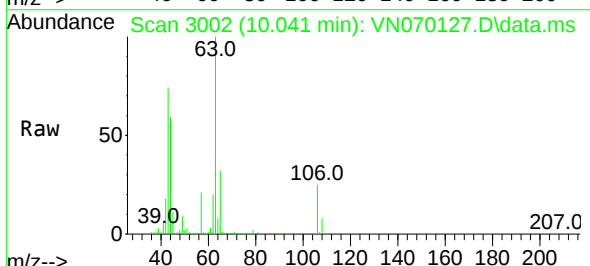
Acq: 16 Dec 2021 10:17

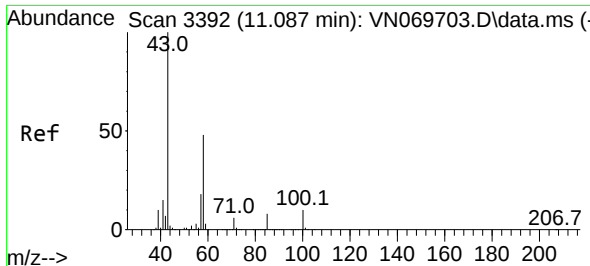
Tgt Ion: 63 Resp: 1222844

Ion Ratio Lower Upper

63 100

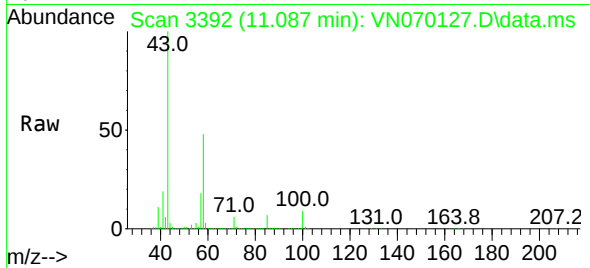
106 24.9 23.9 35.9





#59
2-Hexanone
Concen: 270.018 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

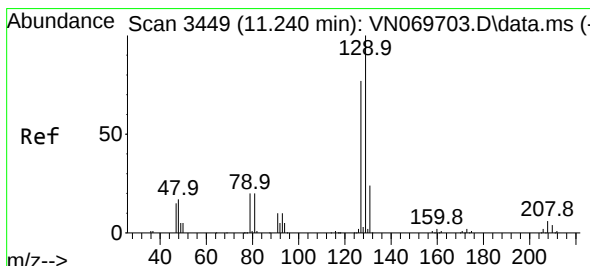
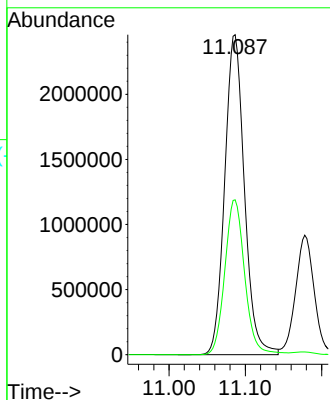
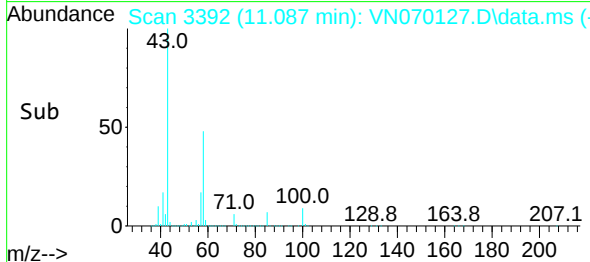
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 440566
Ion Ratio Lower Upper
43 100
58 48.9 26.9 80.7

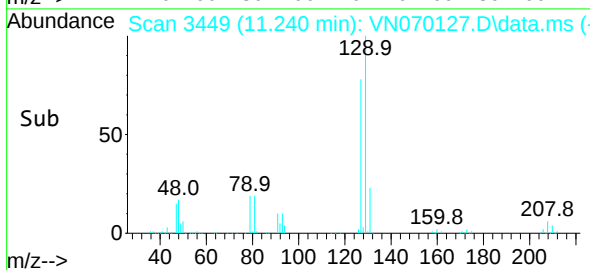
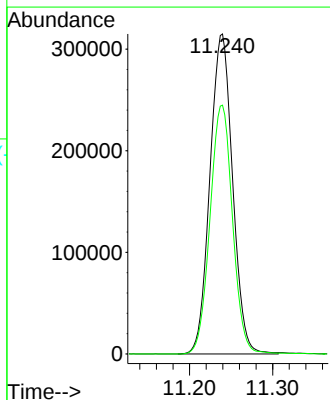
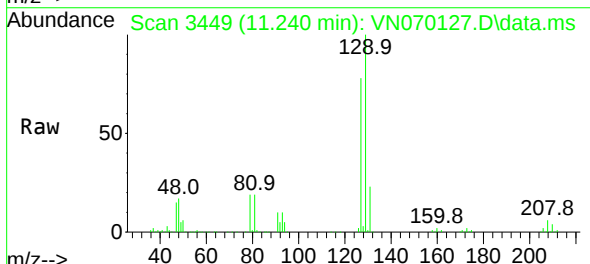
Manual Integrations
APPROVED

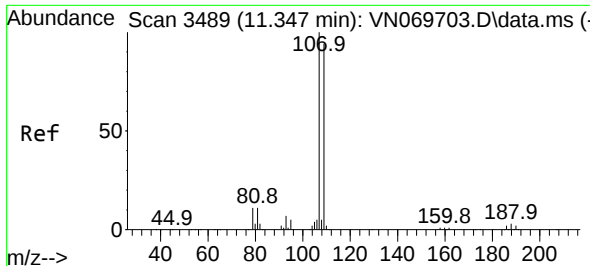
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#60
Dibromochloromethane
Concen: 49.049 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

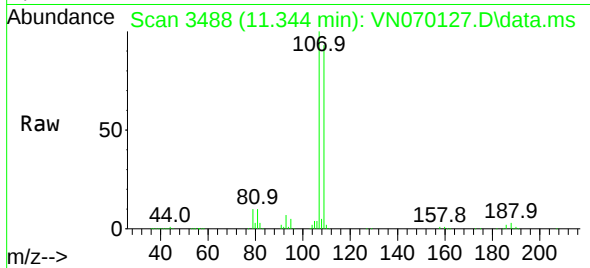
Tgt Ion:129 Resp: 596743
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 52.506 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

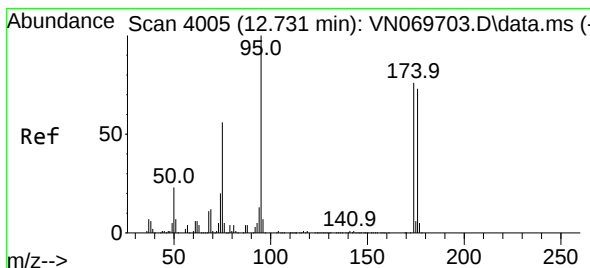
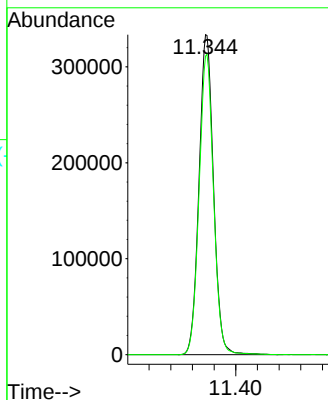
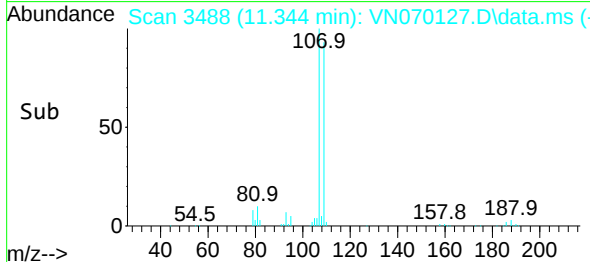
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 618108
Ion Ratio Lower Upper
107 100
109 94.0 75.7 113.5

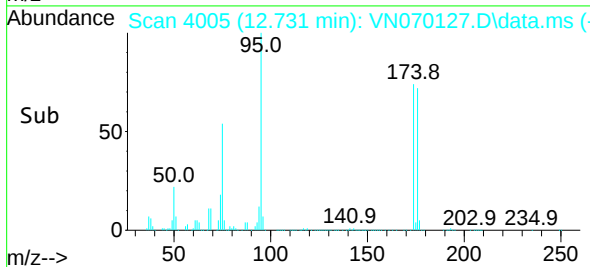
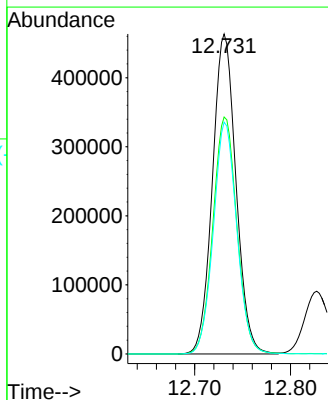
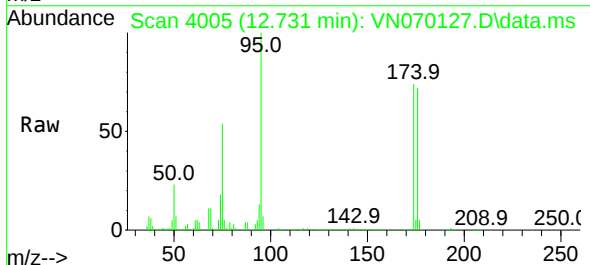
Manual Integrations
APPROVED

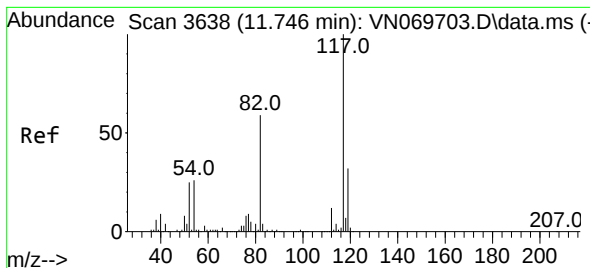
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#62
4-Bromofluorobenzene
Concen: 54.619 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

Tgt Ion: 95 Resp: 789147
Ion Ratio Lower Upper
95 100
174 75.5 0.0 187.2
176 72.2 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 30

Delta R.T. -0.002 min

Lab File: VN070127.D

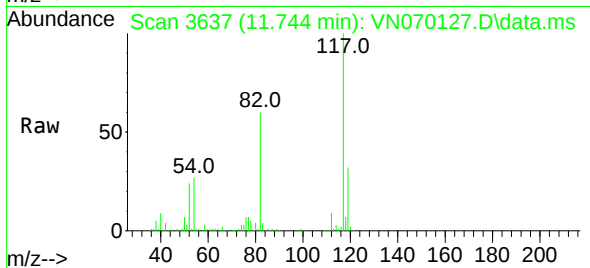
Acq: 16 Dec 2021 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:117 Resp: 149517

Ion Ratio Lower Upper

117 100

82 60.4 42.4 63.6

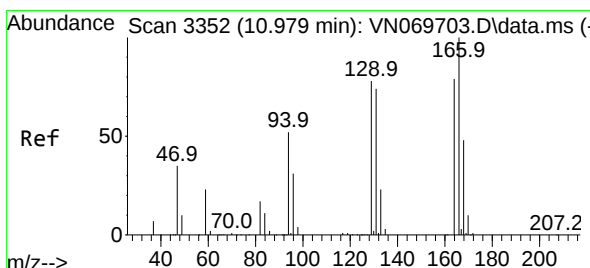
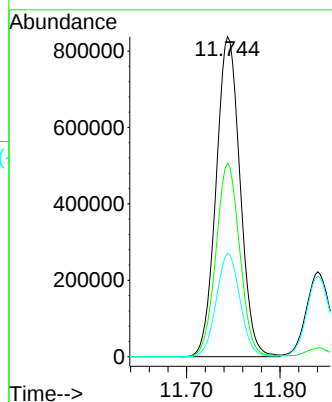
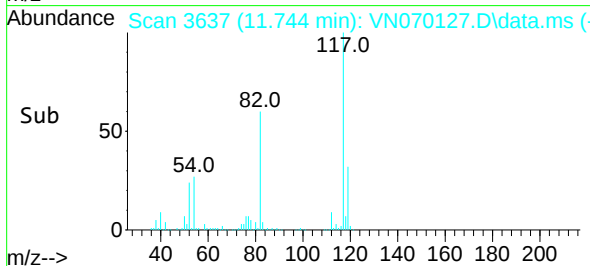
119 32.3 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/23/2021



#64

Tetrachloroethene

Concen: 50.886 ug/l

RT: 10.977 min Scan# 3351

Delta R.T. -0.002 min

Lab File: VN070127.D

Acq: 16 Dec 2021 10:17

Tgt Ion:164 Resp: 515901

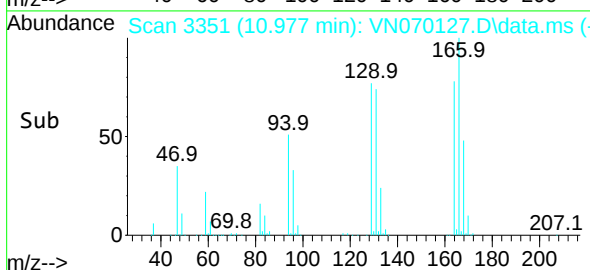
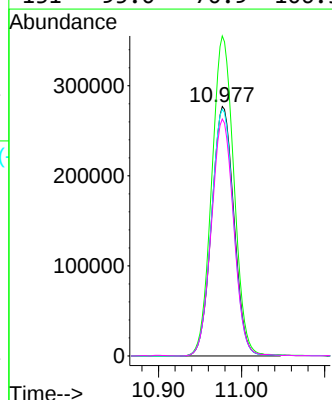
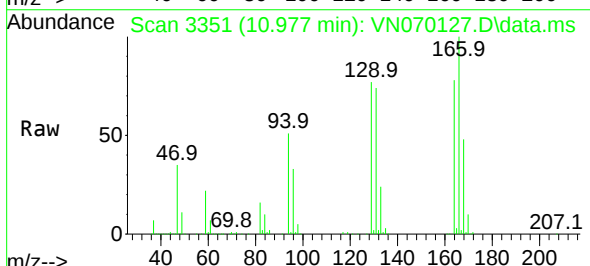
Ion Ratio Lower Upper

164 100

166 128.3 101.9 152.9

129 98.9 72.0 108.0

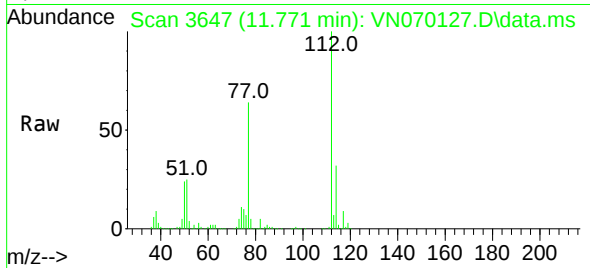
131 95.0 70.9 106.3





#65
Chlorobenzene
Concen: 52.796 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

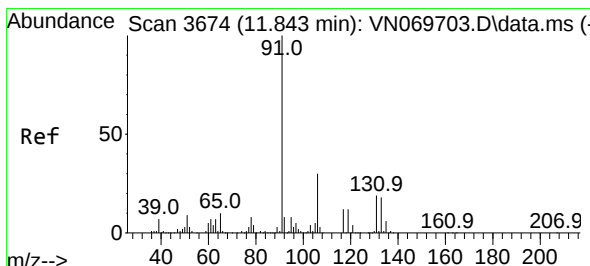
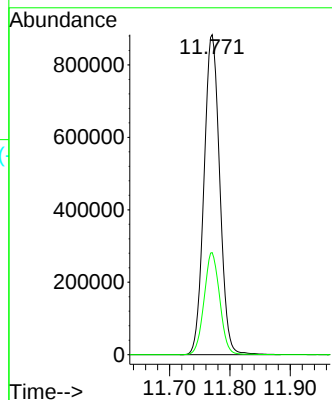
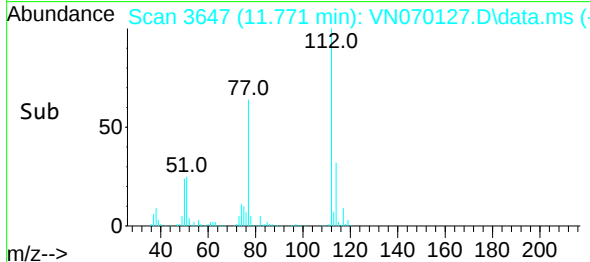
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



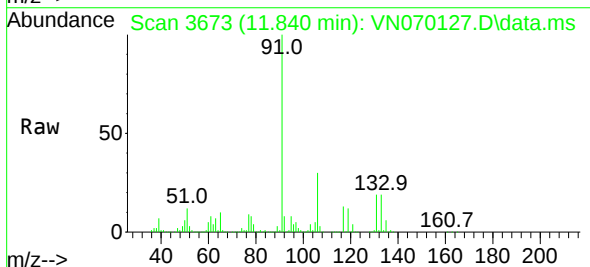
Tgt Ion:112 Resp: 160143
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0

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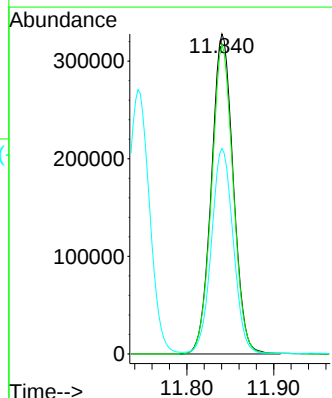
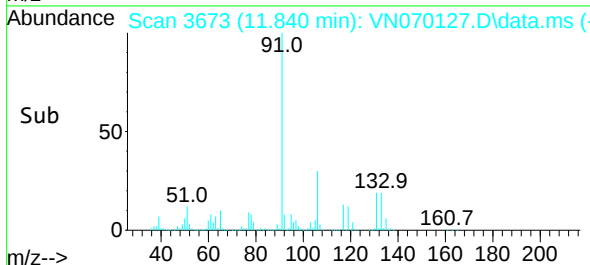
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

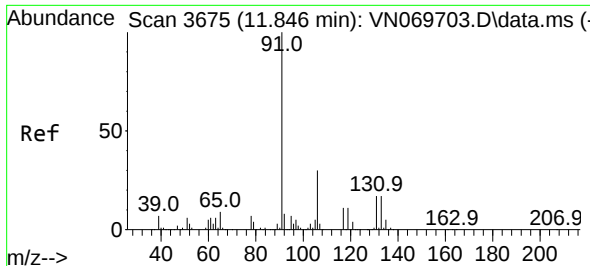


#66
1,1,1,2-Tetrachloroethane
Concen: 53.664 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17



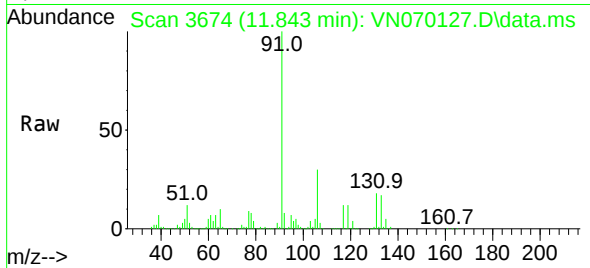
Tgt Ion:131 Resp: 572929
Ion Ratio Lower Upper
131 100
133 95.5 47.9 143.7
119 64.2 32.1 96.5





#67
Ethyl Benzene
Concen: 54.837 ug/l
RT: 11.843 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

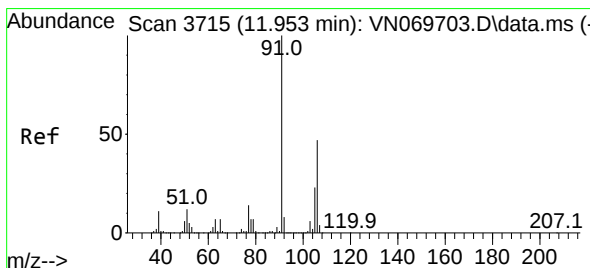
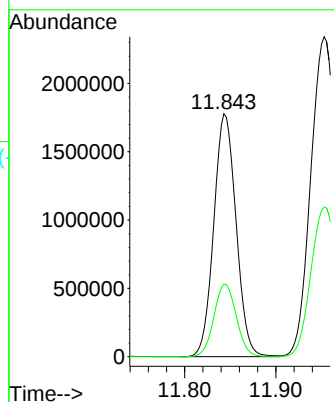
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 302146
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5

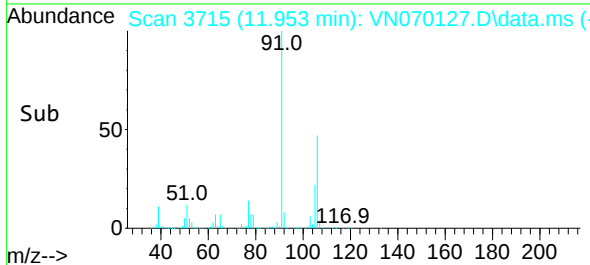
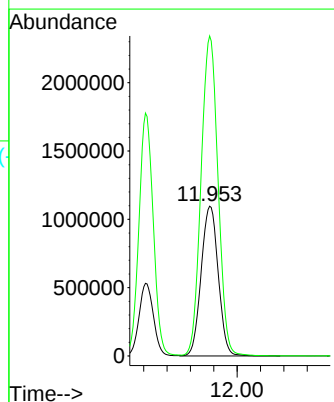
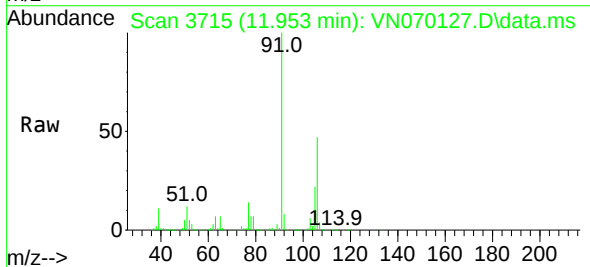
Manual Integrations
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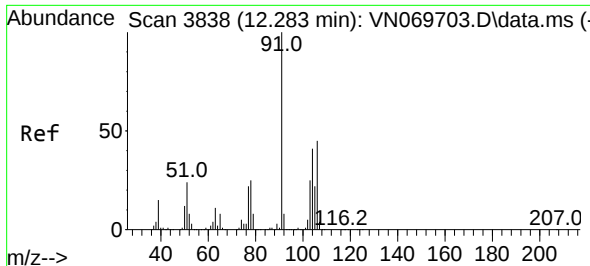
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#68
m/p-Xylenes
Concen: 110.582 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

Tgt Ion:106 Resp: 2218468
Ion Ratio Lower Upper
106 100
91 212.7 160.6 240.8





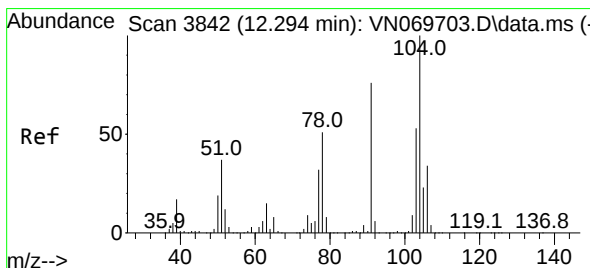
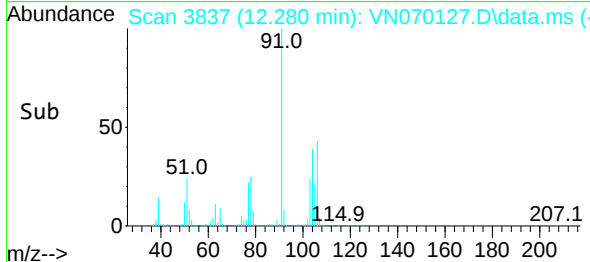
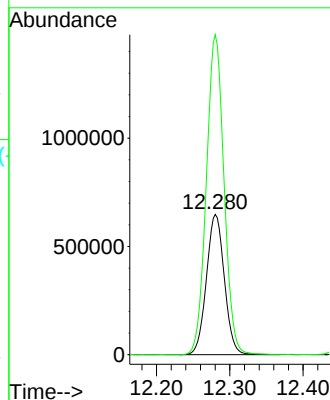
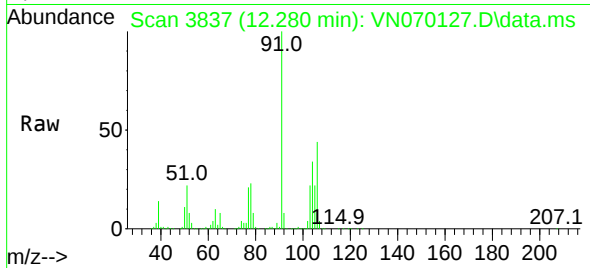
#69
o-Xylene
Concen: 54.524 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 1101798
Ion Ratio Lower Upper
106 100
91 225.2 105.8 317.3

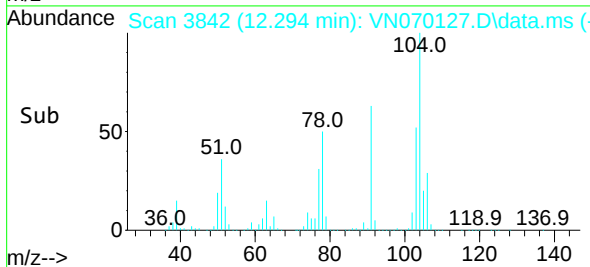
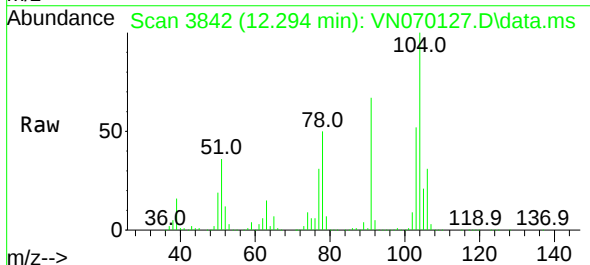
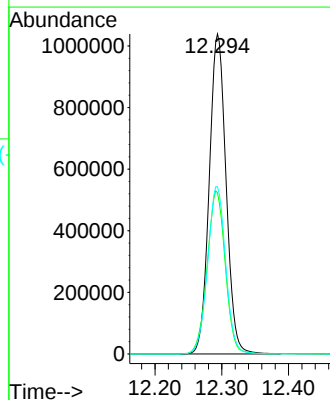
Manual Integrations
APPROVED

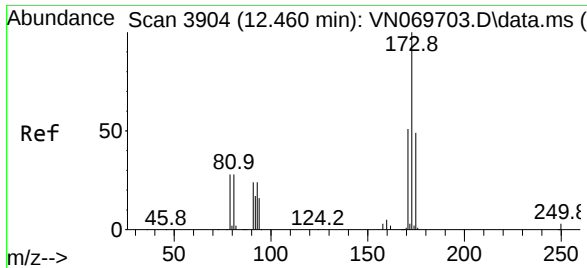
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#70
Styrene
Concen: 56.797 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

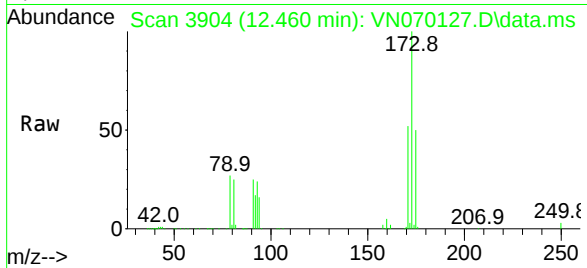
Tgt Ion:104 Resp: 1819966
Ion Ratio Lower Upper
104 100
78 54.9 38.7 58.1
103 56.1 45.0 67.6





#71
Bromoform
Concen: 47.936 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

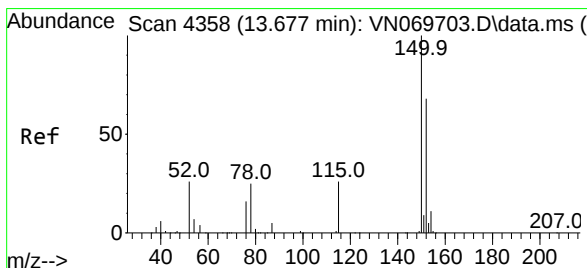
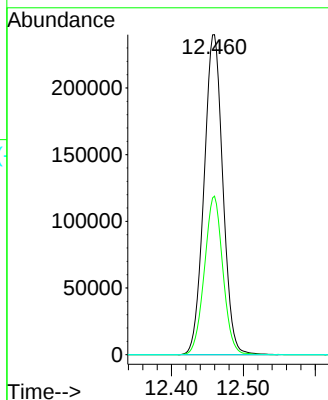
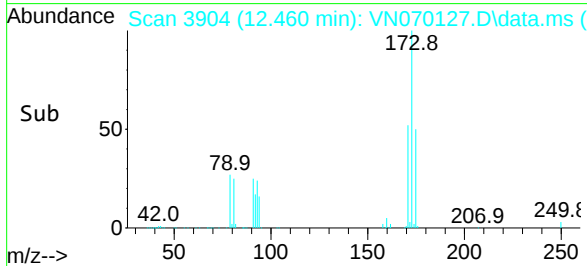
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



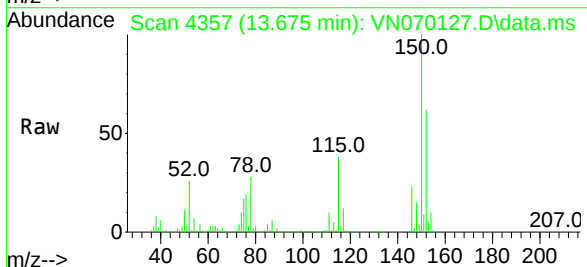
Tgt Ion:173 Resp: 436632
Ion Ratio Lower Upper
173 100
175 48.7 24.2 72.6
254 0.0 0.0 0.0

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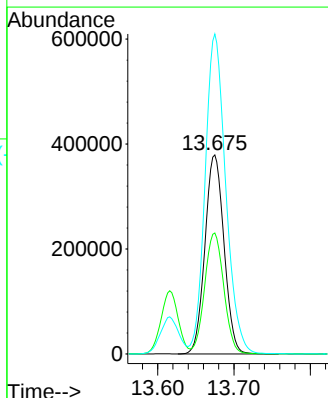
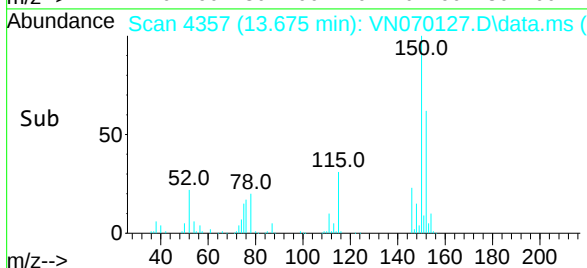
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

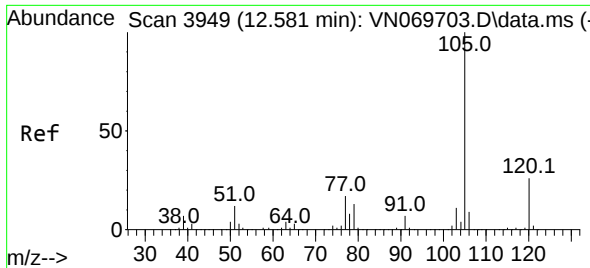


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17



Tgt Ion:152 Resp: 659136
Ion Ratio Lower Upper
152 100
115 60.7 27.5 82.5
150 174.0 0.0 344.4





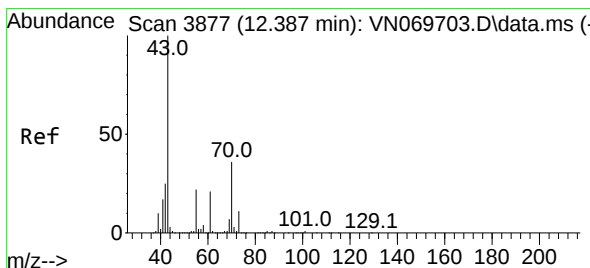
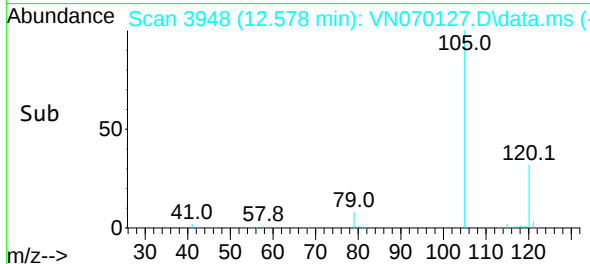
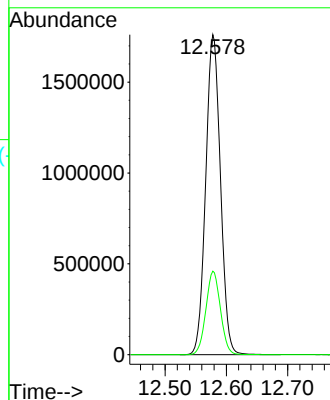
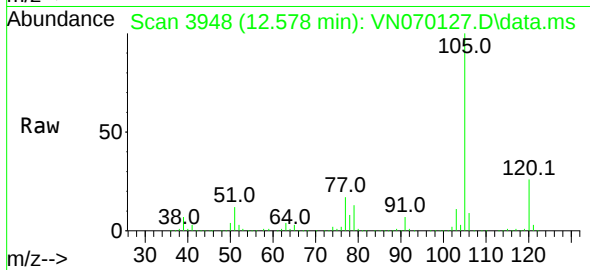
#73
Isopropylbenzene
Concen: 50.185 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 2943070
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

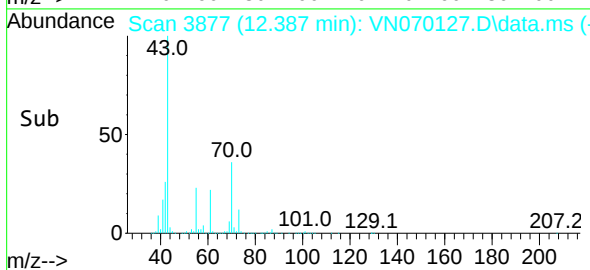
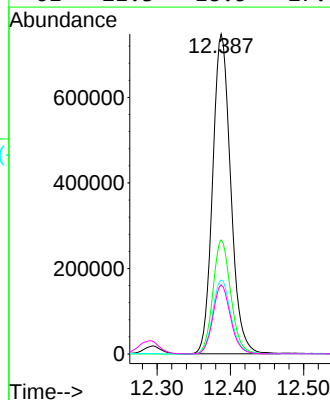
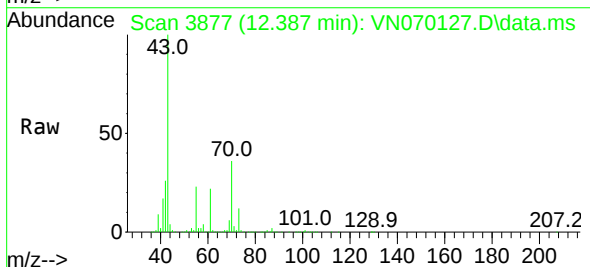
Manual Integrations
APPROVED

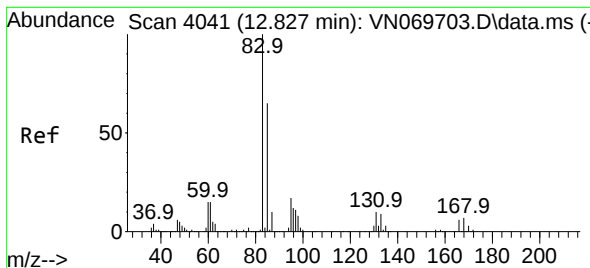
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#74
N-ethyl acetate
Concen: 49.337 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

Tgt Ion: 43 Resp: 1279553
Ion Ratio Lower Upper
43 100
70 35.4 33.4 50.0
55 23.5 19.3 28.9
61 21.3 18.5 27.7





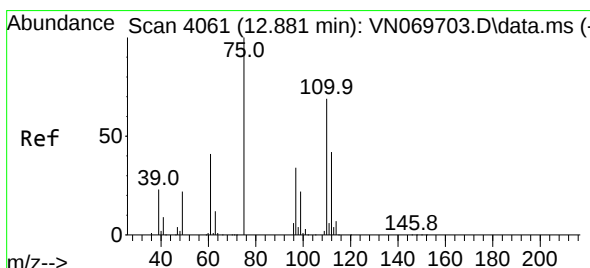
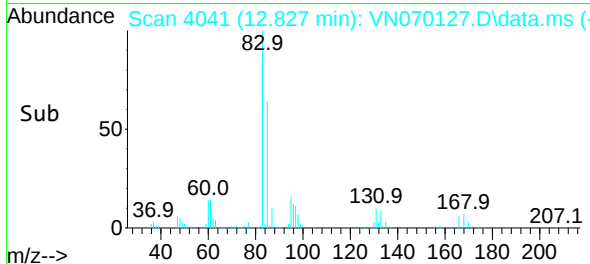
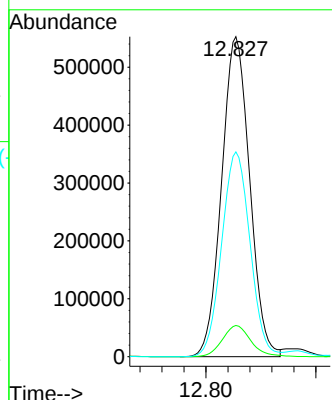
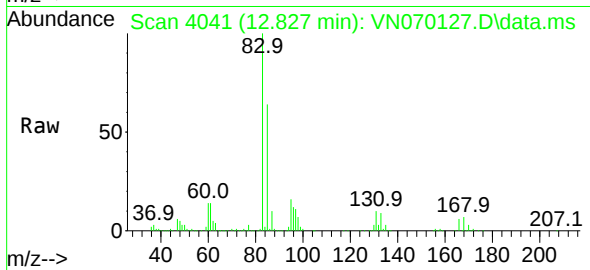
#75
1,1,2,2-Tetrachloroethane
Concen: 48.336 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 98022
Ion Ratio Lower Upper
83 100
131 9.9 5.5 16.5
85 64.8 32.4 97.2

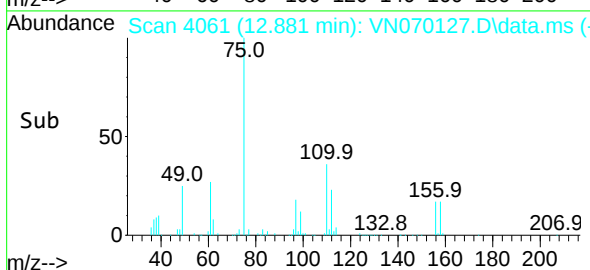
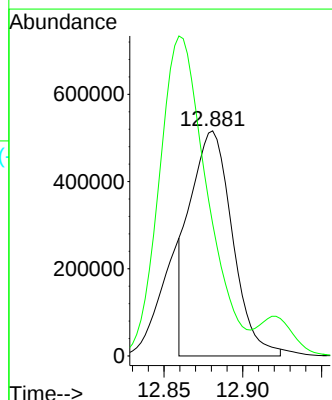
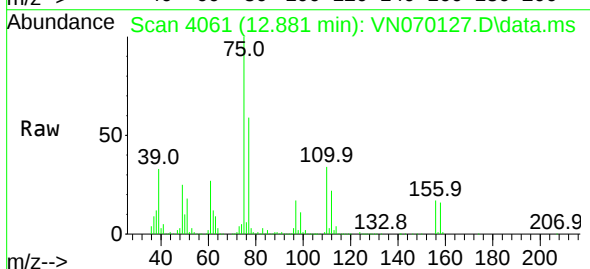
Manual Integrations
APPROVED

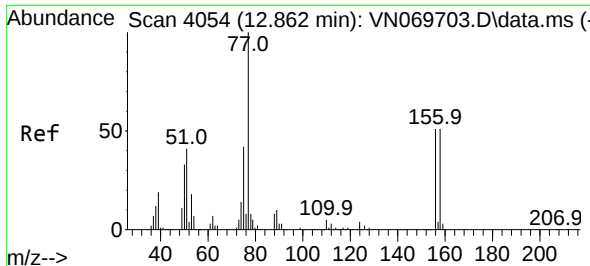
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#76
1,2,3-Trichloropropane
Concen: 50.830 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

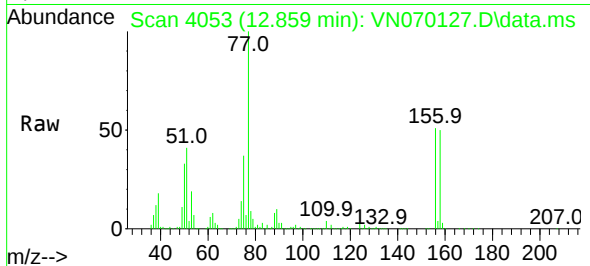
Tgt Ion: 75 Resp: 960812
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 49.003 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

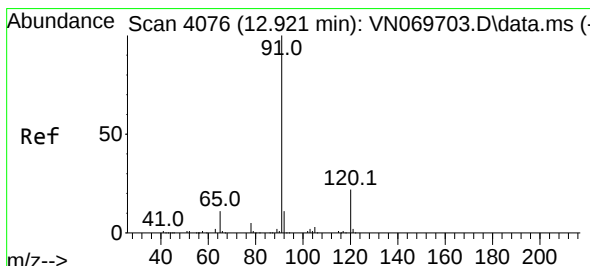
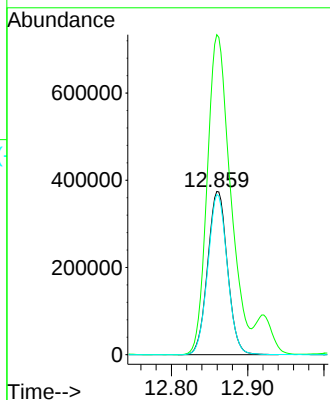
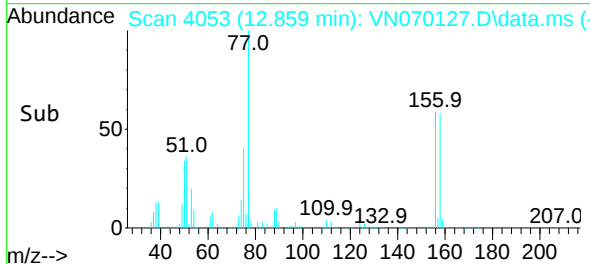
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 675015
Ion Ratio Lower Upper
156 100
77 229.8 90.6 271.8
158 96.9 48.9 146.7

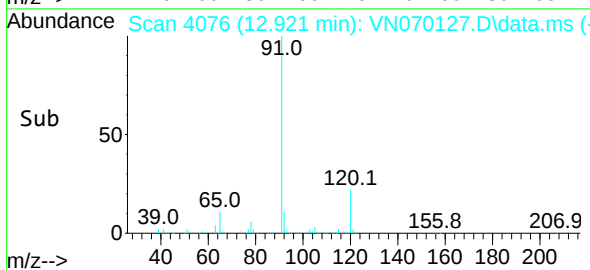
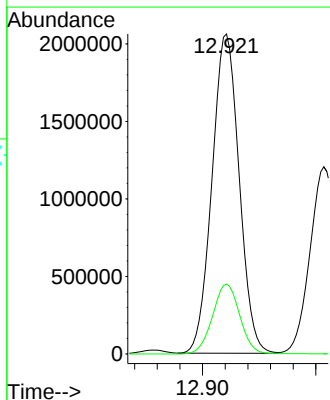
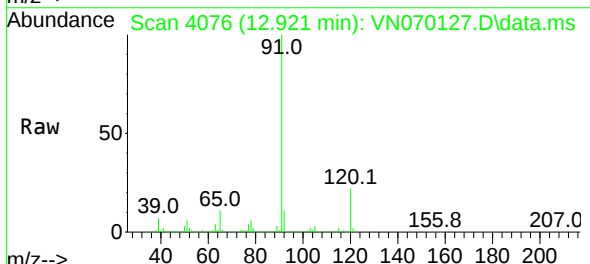
Manual Integrations
APPROVED

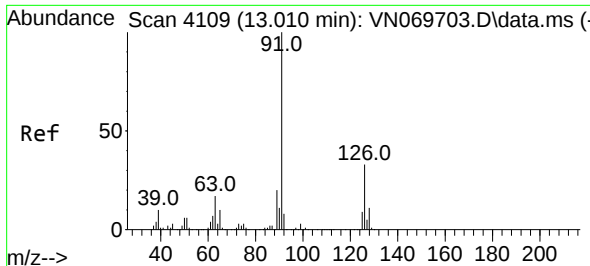
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#78
n-propylbenzene
Concen: 52.473 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

Tgt Ion: 91 Resp: 3424323
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9





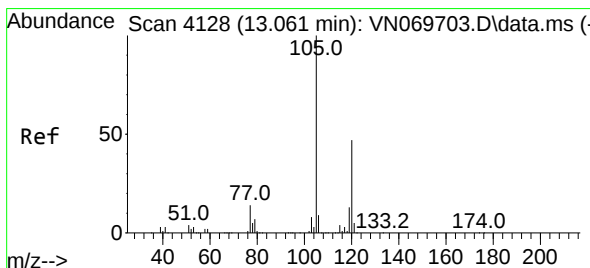
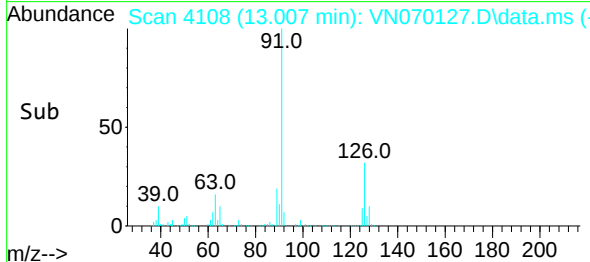
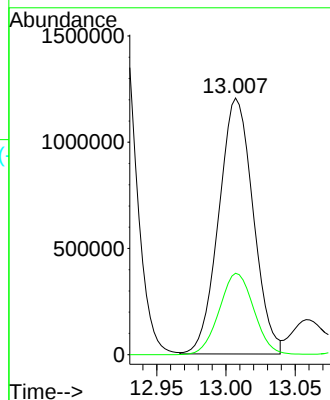
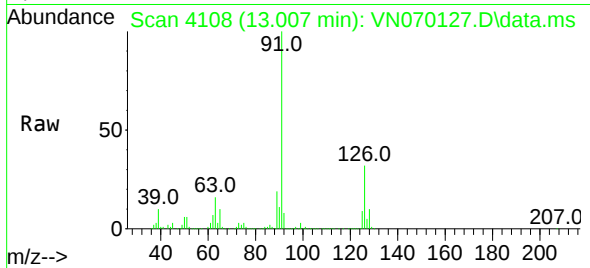
#79
2-Chlorotoluene
Concen: 50.558 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 2084768
Ion Ratio Lower Upper
91 100
126 32.0 18.3 54.8

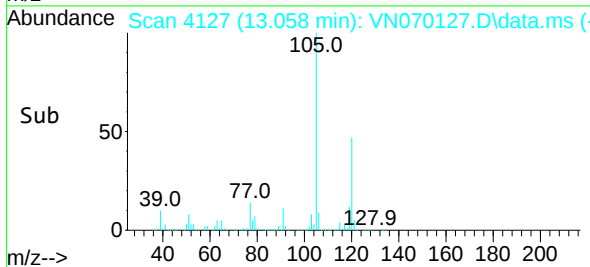
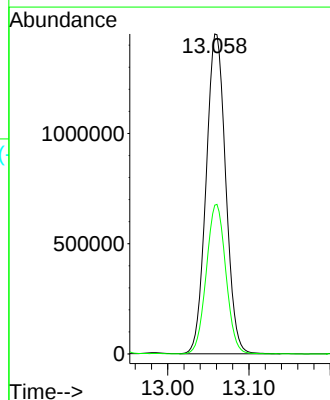
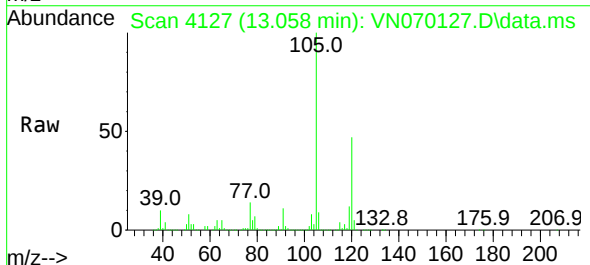
Manual Integrations
APPROVED

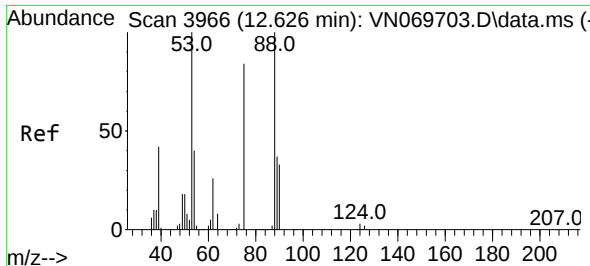
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#80
1,3,5-Trimethylbenzene
Concen: 51.292 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

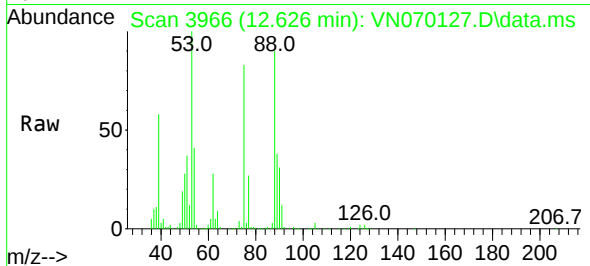
Tgt Ion:105 Resp: 2421083
Ion Ratio Lower Upper
105 100
120 46.6 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 46.904 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

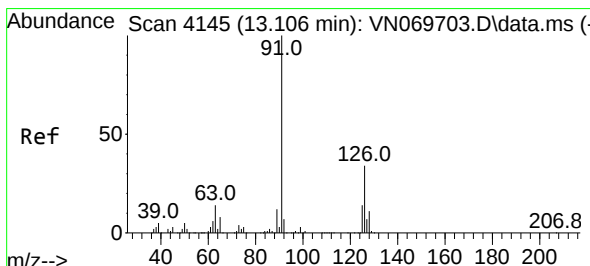
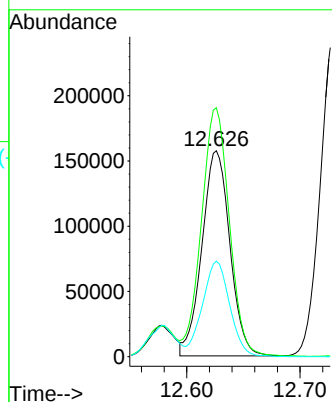
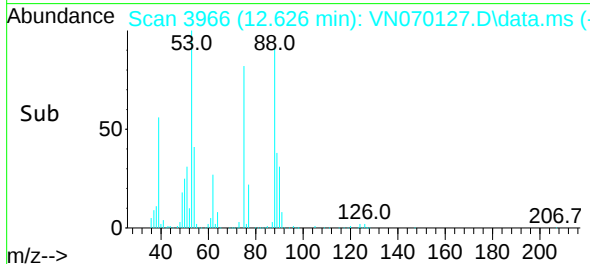
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 269314
Ion Ratio Lower Upper
75 100
53 121.0 90.5 135.7
89 45.4 38.2 57.4

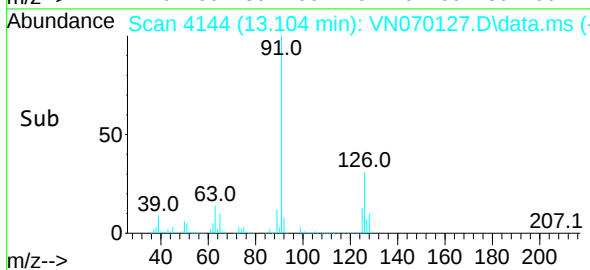
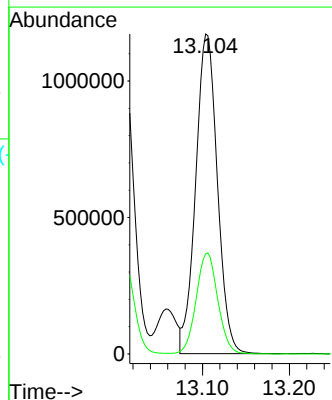
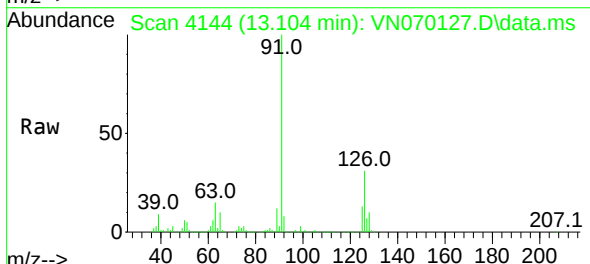
Manual Integrations
APPROVED

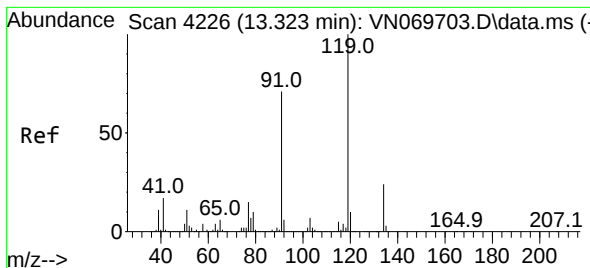
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#82
4-Chlorotoluene
Concen: 52.200 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

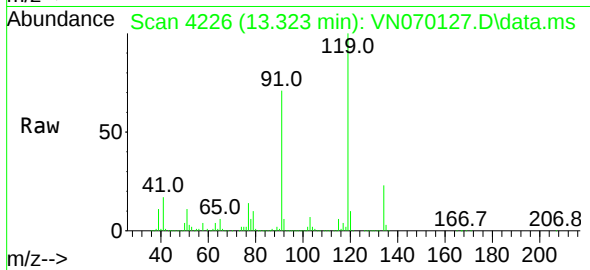
Tgt Ion: 91 Resp: 2024240
Ion Ratio Lower Upper
91 100
126 31.6 18.2 54.6





#83
tert-Butylbenzene
Concen: 51.111 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

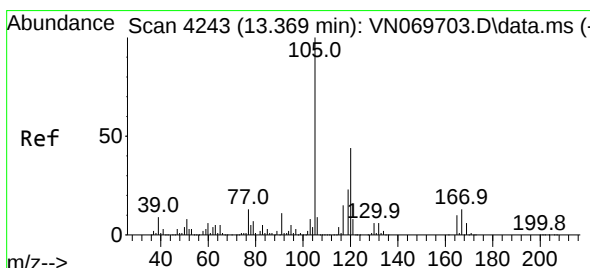
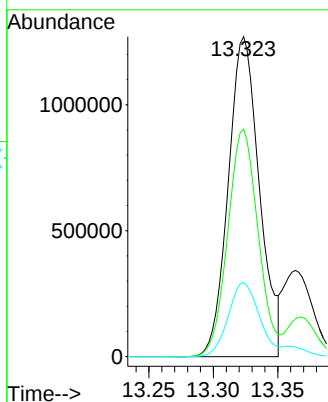
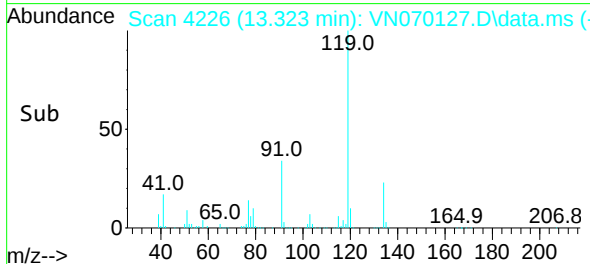
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



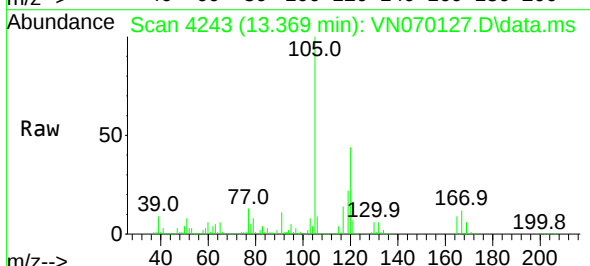
Tgt Ion:119 Resp: 213624
Ion Ratio Lower Upper
119 100
91 69.8 31.5 94.5
134 23.4 12.4 37.4

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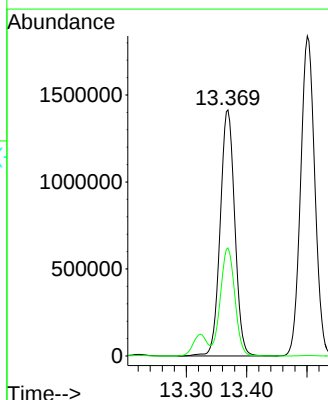
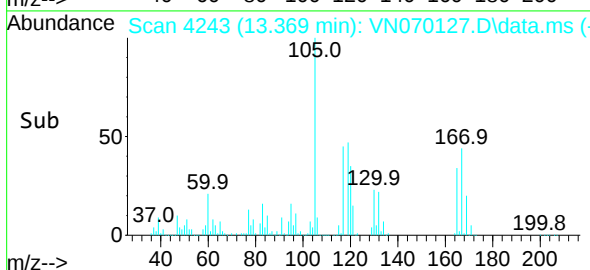
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

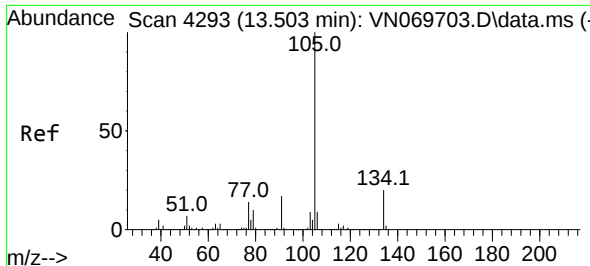


#84
1,2,4-Trimethylbenzene
Concen: 52.826 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17



Tgt Ion:105 Resp: 2374708
Ion Ratio Lower Upper
105 100
120 43.7 22.8 68.4





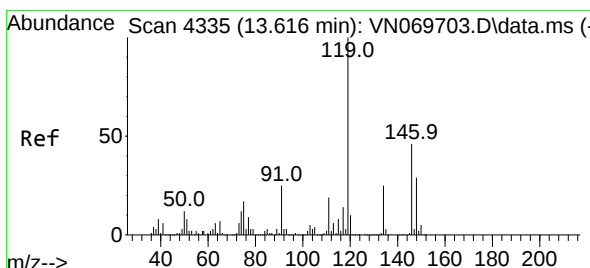
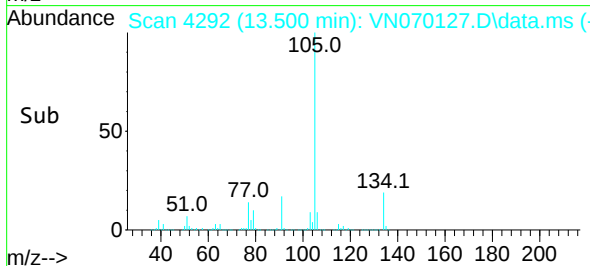
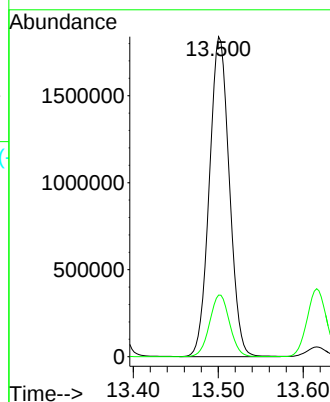
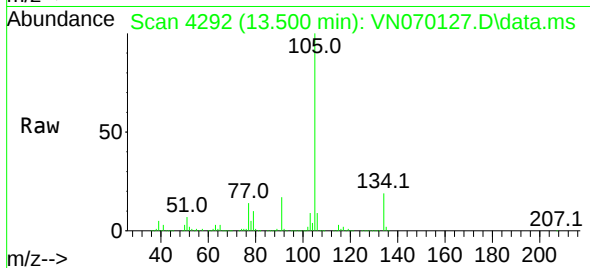
#85
 sec-Butylbenzene
 Concen: 52.914 ug/l
 RT: 13.500 min Scan# 4292
 Delta R.T. -0.003 min
 Lab File: VN070127.D
 Acq: 16 Dec 2021 10:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 299982
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1

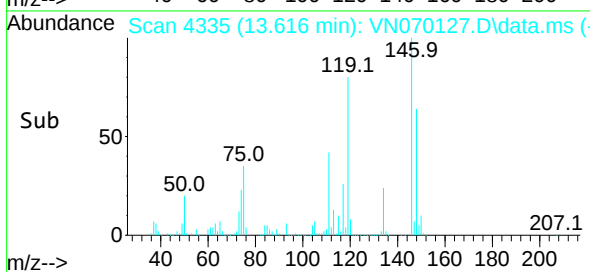
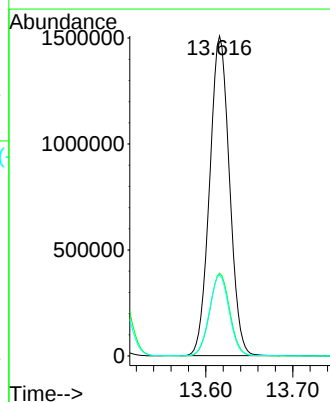
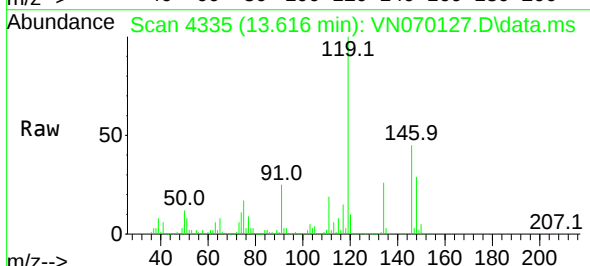
Manual Integrations
 APPROVED

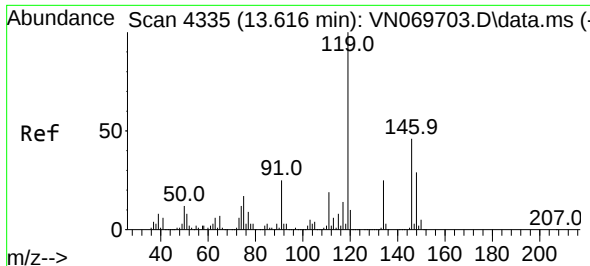
Reviewed By :John Carlone 12/17/2021
 Supervised By :Mahesh Dadoda 12/23/2021



#86
 p-Isopropyltoluene
 Concen: 53.973 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070127.D
 Acq: 16 Dec 2021 10:17

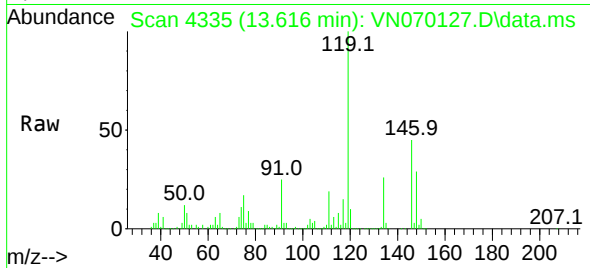
Tgt Ion:119 Resp: 2391765
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.6 40.7
 91 25.2 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 51.640 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

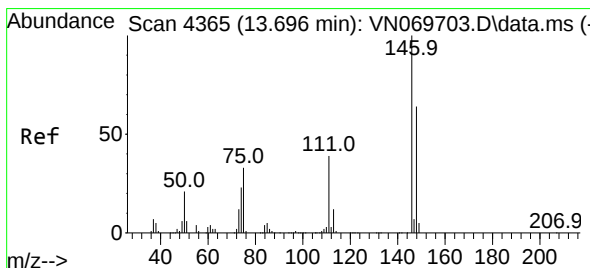
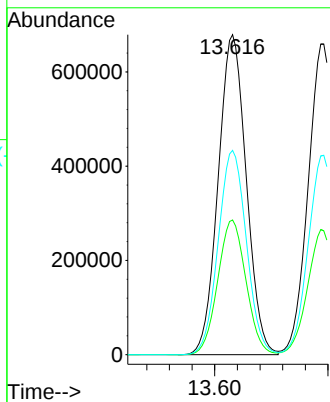
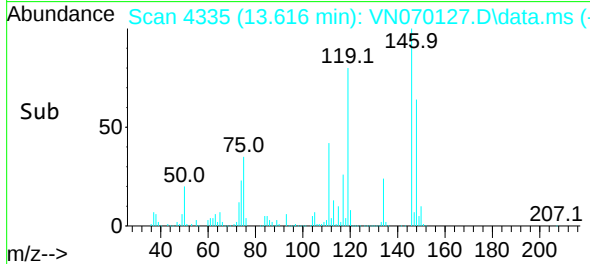
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



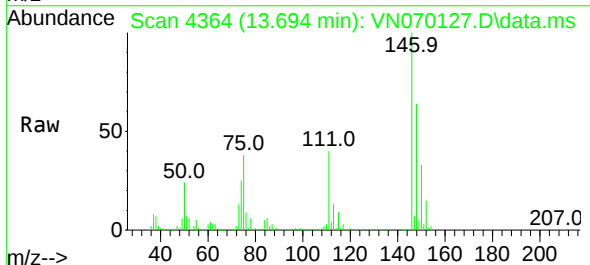
Tgt Ion:146 Resp: 1168600
Ion Ratio Lower Upper
146 100
111 42.3 18.6 55.6
148 64.2 31.6 95.0

Manual Integrations
APPROVED

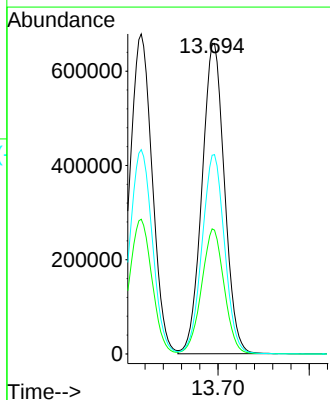
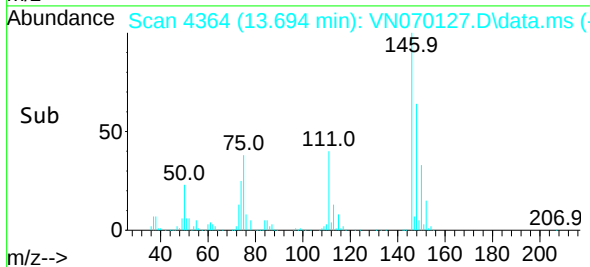
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

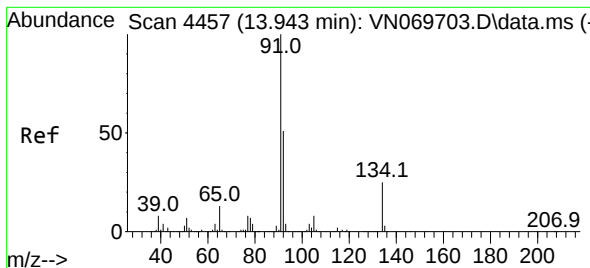


#88
1,4-Dichlorobenzene
Concen: 50.762 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17



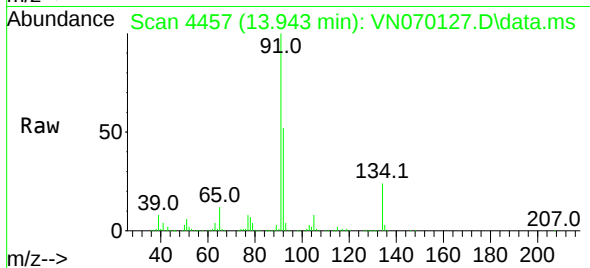
Tgt Ion:146 Resp: 1128883
Ion Ratio Lower Upper
146 100
111 40.3 18.3 54.8
148 64.5 31.8 95.4





#89
n-Butylbenzene
Concen: 55.591 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

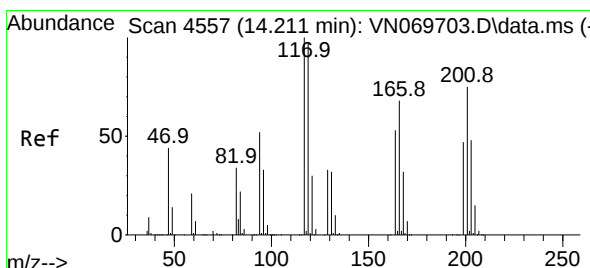
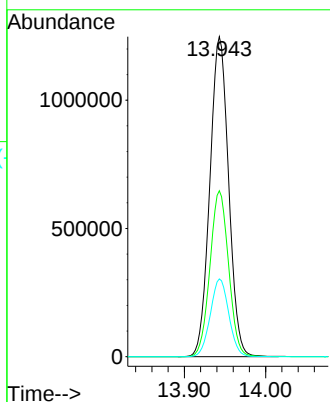
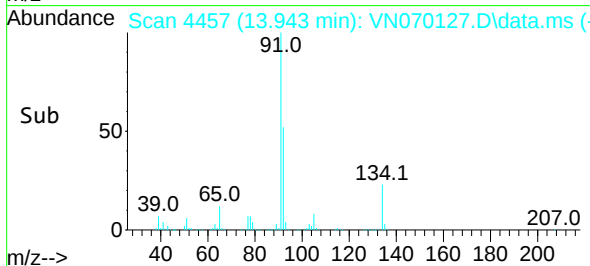
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 199835
Ion Ratio Lower Upper
91 100
92 51.6 25.4 76.0
134 24.0 13.6 40.8

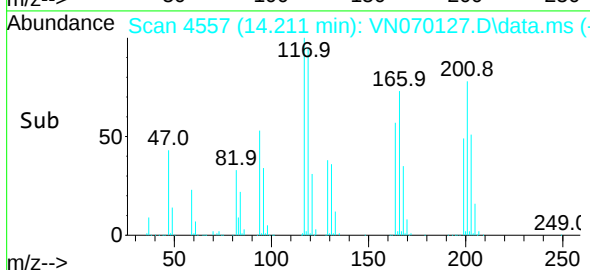
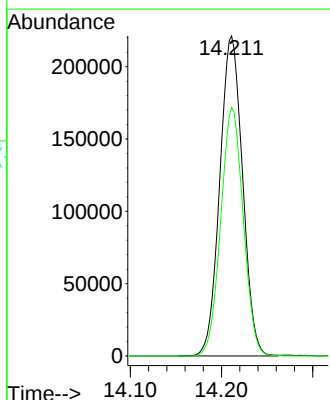
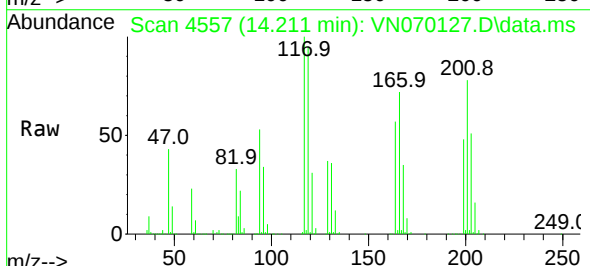
Manual Integrations
APPROVED

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



#90
Hexachloroethane
Concen: 49.294 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

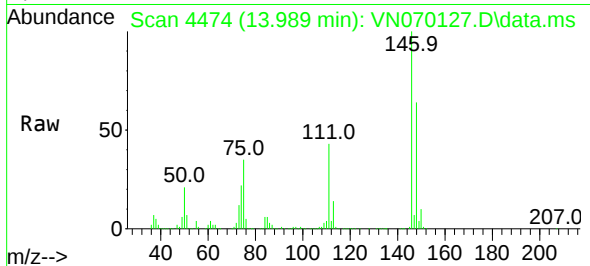
Tgt Ion:117 Resp: 383516
Ion Ratio Lower Upper
117 100
201 76.8 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 50.858 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

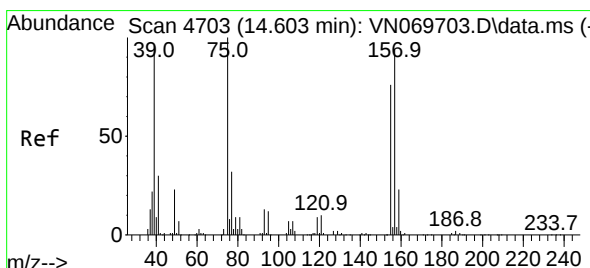
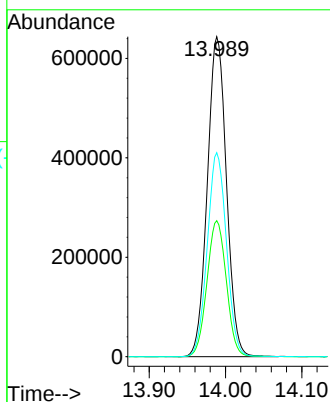
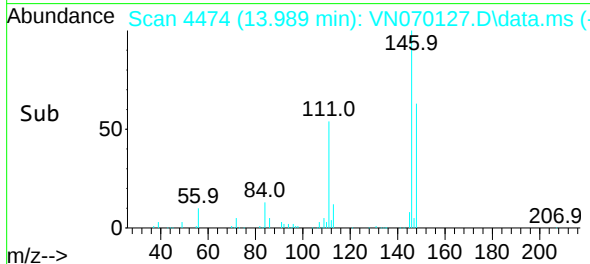
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



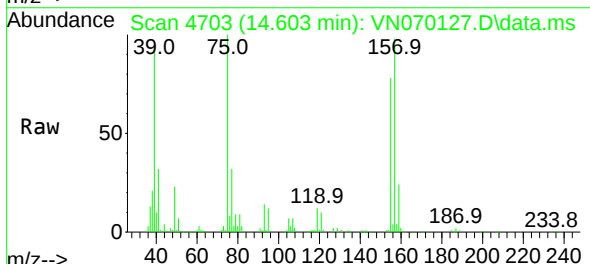
Tgt Ion:146 Resp: 1121390
Ion Ratio Lower Upper
146 100
111 43.0 19.1 57.3
148 64.1 32.1 96.3

Manual Integrations
APPROVED

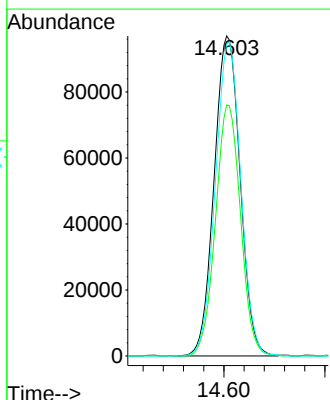
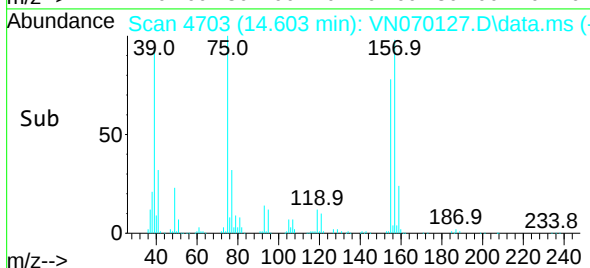
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

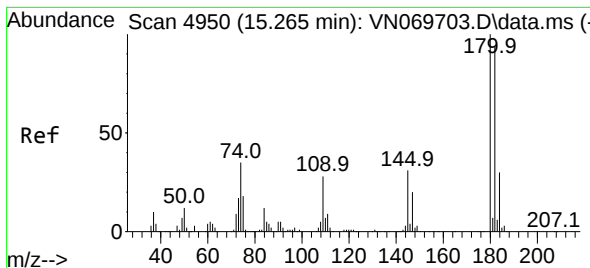


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.252 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17



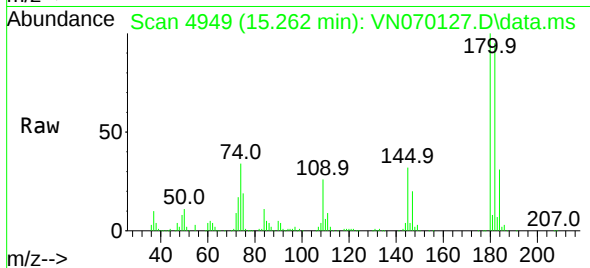
Tgt Ion: 75 Resp: 173156
Ion Ratio Lower Upper
75 100
155 75.5 46.9 140.7
157 95.8 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 49.352 ug/l
RT: 15.262 min Scan# 4950
Delta R.T. -0.003 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

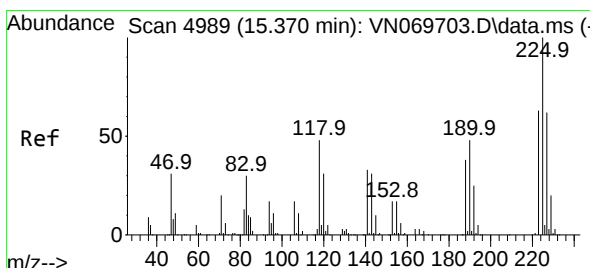
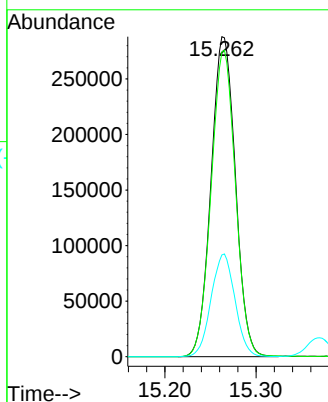
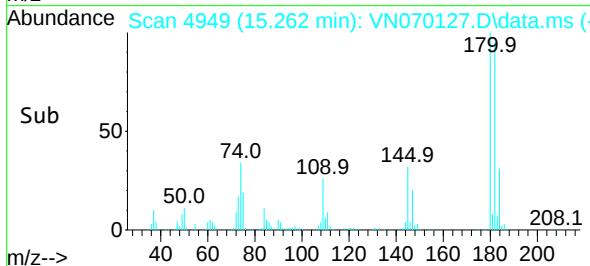
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



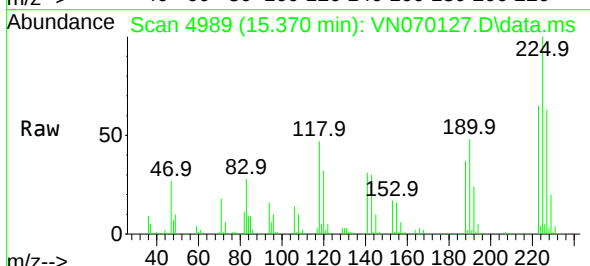
Tgt Ion:180 Resp: 533284
Ion Ratio Lower Upper
180 100
182 95.9 48.3 144.9
145 31.6 14.5 43.5

Manual Integrations
APPROVED

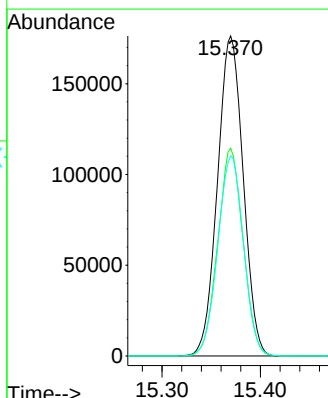
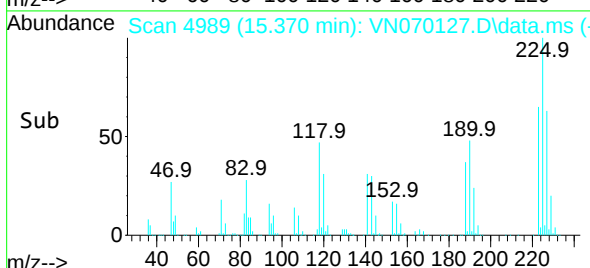
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

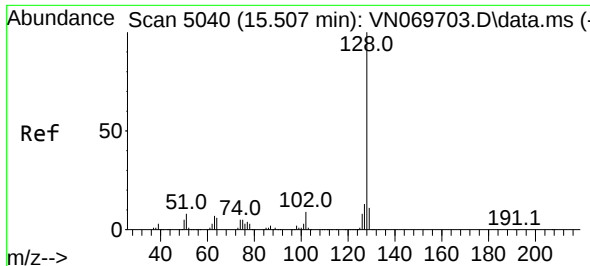


#94
Hexachlorobutadiene
Concen: 54.814 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17



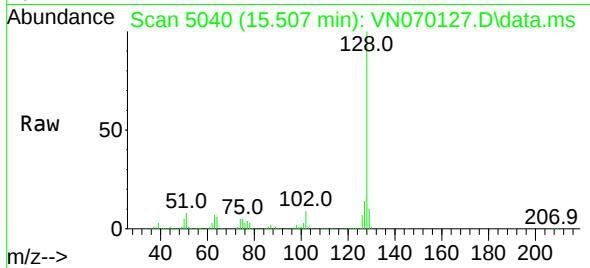
Tgt Ion:225 Resp: 320310
Ion Ratio Lower Upper
225 100
223 63.7 31.9 95.7
227 62.8 32.1 96.3





#95
Naphthalene
Concen: 43.122 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17

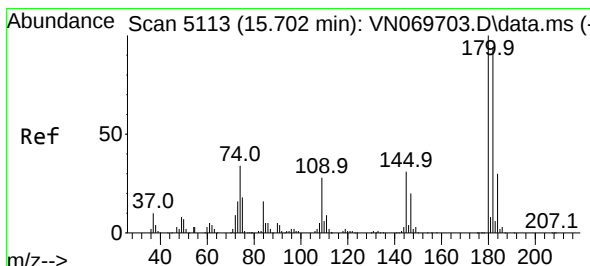
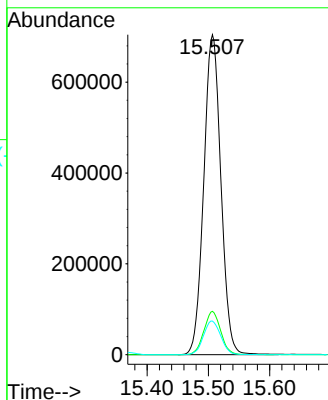
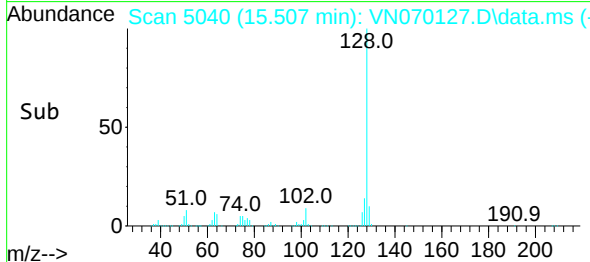
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



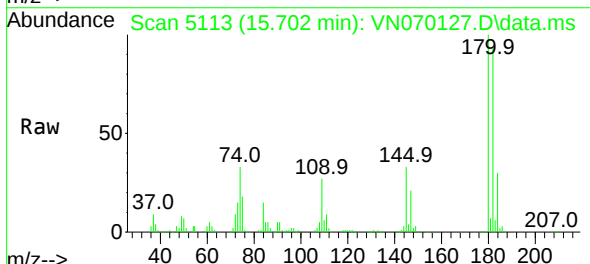
Tgt Ion:128 Resp: 136987
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.6 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 49.206 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN070127.D
Acq: 16 Dec 2021 10:17



Tgt Ion:180 Resp: 518172
Ion Ratio Lower Upper
180 100
182 94.4 47.4 142.2
145 33.0 15.0 45.1

