

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122821\
 Data File : VN070324.D
 Acq On : 28 Dec 2021 10:25
 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 12/29/2021
 Supervised By : Mahesh Dadoda 12/30/2021

Quant Time: Dec 28 17:18:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1148203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1839357	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1701816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	750685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	690988	41.855	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	83.720%		
35) Dibromofluoromethane	8.021	113	498139	44.760	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	89.520%		
50) Toluene-d8	10.440	98	1994402	43.868	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	87.740%		
62) 4-Bromofluorobenzene	12.728	95	740451	45.093	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.180%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	649094	49.849	ug/l	100
3) Chloromethane	2.303	50	821477	46.377	ug/l	100
4) Vinyl Chloride	2.448	62	766334	47.519	ug/l	98
5) Bromomethane	2.850	94	420225	50.485	ug/l	99
6) Chloroethane	3.019	64	453108	46.655	ug/l	98
7) Trichlorofluoromethane	3.379	101	915462	47.163	ug/l	98
8) Diethyl Ether	3.824	74	406654	47.524	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.210	101	581292	48.962	ug/l	96
10) Methyl Iodide	4.419	142	781500	48.640	ug/l	99
11) Tert butyl alcohol	5.374	59	603898	219.693	ug/l	98
12) 1,1-Dichloroethene	4.183	96	560934	47.968	ug/l	93
13) Acrolein	4.038	56	511676	229.414	ug/l	99
14) Allyl chloride	4.840	41	1288326	48.592	ug/l	89
15) Acrylonitrile	5.554	53	2026642	236.266	ug/l	99
16) Acetone	4.282	43	2599859	242.595	ug/l	100
17) Carbon Disulfide	4.529	76	1645693	51.556	ug/l	99
18) Methyl Acetate	4.854	43	1407434	45.400	ug/l	91
19) Methyl tert-butyl Ether	5.615	73	2076519	47.816	ug/l	95
20) Methylene Chloride	5.092	84	679323	45.815	ug/l	87
21) trans-1,2-Dichloroethene	5.599	96	603571	48.748	ug/l	89
22) Diisopropyl ether	6.495	45	2501776	48.446	ug/l	93
23) Vinyl Acetate	6.433	43	9909492	247.327	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1277012	47.692	ug/l	98
25) 2-Butanone	7.335	43	3200480	237.180	ug/l	91
26) 2,2-Dichloropropane	7.324	77	1034926	48.994	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	711826	48.182	ug/l	86
28) Bromochloromethane	7.656	49	578910	44.209	ug/l #	78
29) Tetrahydrofuran	7.683	42	1884068	234.019	ug/l	88
30) Chloroform	7.817	83	1225477	47.441	ug/l	100
31) Cyclohexane	8.094	56	1244212	47.759	ug/l	86
32) 1,1,1-Trichloroethane	8.013	97	1059658	48.651	ug/l	97
36) 1,1-Dichloropropene	8.220	75	929838	50.506	ug/l	96
37) Ethyl Acetate	7.412	43	1153894	48.354	ug/l	97
38) Carbon Tetrachloride	8.206	117	905758	51.523	ug/l	100
39) Methylcyclohexane	9.456	83	1161791	52.125	ug/l	89
40) Benzene	8.458	78	2799091	49.592	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	609223	51.040	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	1030488	48.573	ug/l	98
43) Isopropyl Acetate	8.560	43	1835494	48.785	ug/l #	95
44) Trichloroethene	9.215	130	664099	49.518	ug/l	92
45) 1,2-Dichloropropane	9.488	63	764492	50.306	ug/l	99
46) Dibromomethane	9.577	93	468638	49.593	ug/l	94
47) Bromodichloromethane	9.759	83	989630	52.742	ug/l	100
48) Methyl methacrylate	9.558	41	930772	51.864	ug/l #	78
49) 1,4-Dioxane	9.569	88	252397	960.775	ug/l #	80
51) 4-Methyl-2-Pentanone	10.328	43	5796264	245.173	ug/l	97
52) Toluene	10.505	92	1717894	50.284	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	1083935	53.362	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	1177261	53.576	ug/l	94
55) 1,1,2-Trichloroethane	10.896	97	671308	49.663	ug/l	98
56) Ethyl methacrylate	10.759	69	1144120	51.225	ug/l	90
57) 1,3-Dichloropropane	11.044	76	1185495	49.585	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	1161339	207.001	ug/l	91
59) 2-Hexanone	11.084	43	4366639	253.278	ug/l	95
60) Dibromochloromethane	11.237	129	711065	53.915	ug/l	99
61) 1,2-Dibromoethane	11.344	107	684148	49.846	ug/l	100
64) Tetrachloroethene	10.977	164	603455	48.968	ug/l	96
65) Chlorobenzene	11.768	112	1800550	49.864	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.838	131	657925	51.039	ug/l	99
67) Ethyl Benzene	11.843	91	3399087	51.377	ug/l	96
68) m/p-Xylenes	11.953	106	2508865	104.178	ug/l	93
69) o-Xylene	12.277	106	1241214	51.817	ug/l	92
70) Styrene	12.294	104	2056966	54.256	ug/l	96
71) Bromoform	12.457	173	539110	56.351	ug/l #	100
73) Isopropylbenzene	12.578	105	3267221	46.867	ug/l	98
74) N-amyl acetate	12.387	43	1364777	46.561	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.825	83	1028972	44.534	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	916293m	41.709	ug/l	
77) Bromobenzene	12.859	156	741530	46.332	ug/l	78
78) n-propylbenzene	12.918	91	3833439	49.630	ug/l	96
79) 2-Chlorotoluene	13.007	91	2310027	46.611	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2696614	48.271	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.623	75	320202	52.114	ug/l	95
82) 4-Chlorotoluene	13.104	91	2253293	48.538	ug/l	92
83) tert-Butylbenzene	13.323	119	2319825	47.160	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	2614577	48.604	ug/l	99
85) sec-Butylbenzene	13.500	105	3312587	49.602	ug/l	97
86) p-Isopropyltoluene	13.613	119	2670460	50.904	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	1307176	48.789	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1267936	47.976	ug/l	97
89) n-Butylbenzene	13.940	91	2259525	51.637	ug/l	97
90) Hexachloroethane	14.208	117	491127	53.889	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	1239584	47.194	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	191500	47.420	ug/l	80
93) 1,2,4-Trichlorobenzene	15.262	180	623879	50.411	ug/l	99
94) Hexachlorobutadiene	15.367	225	364526	50.681	ug/l	99
95) Naphthalene	15.507	128	1616828	47.369	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	589058	49.765	ug/l	98

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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

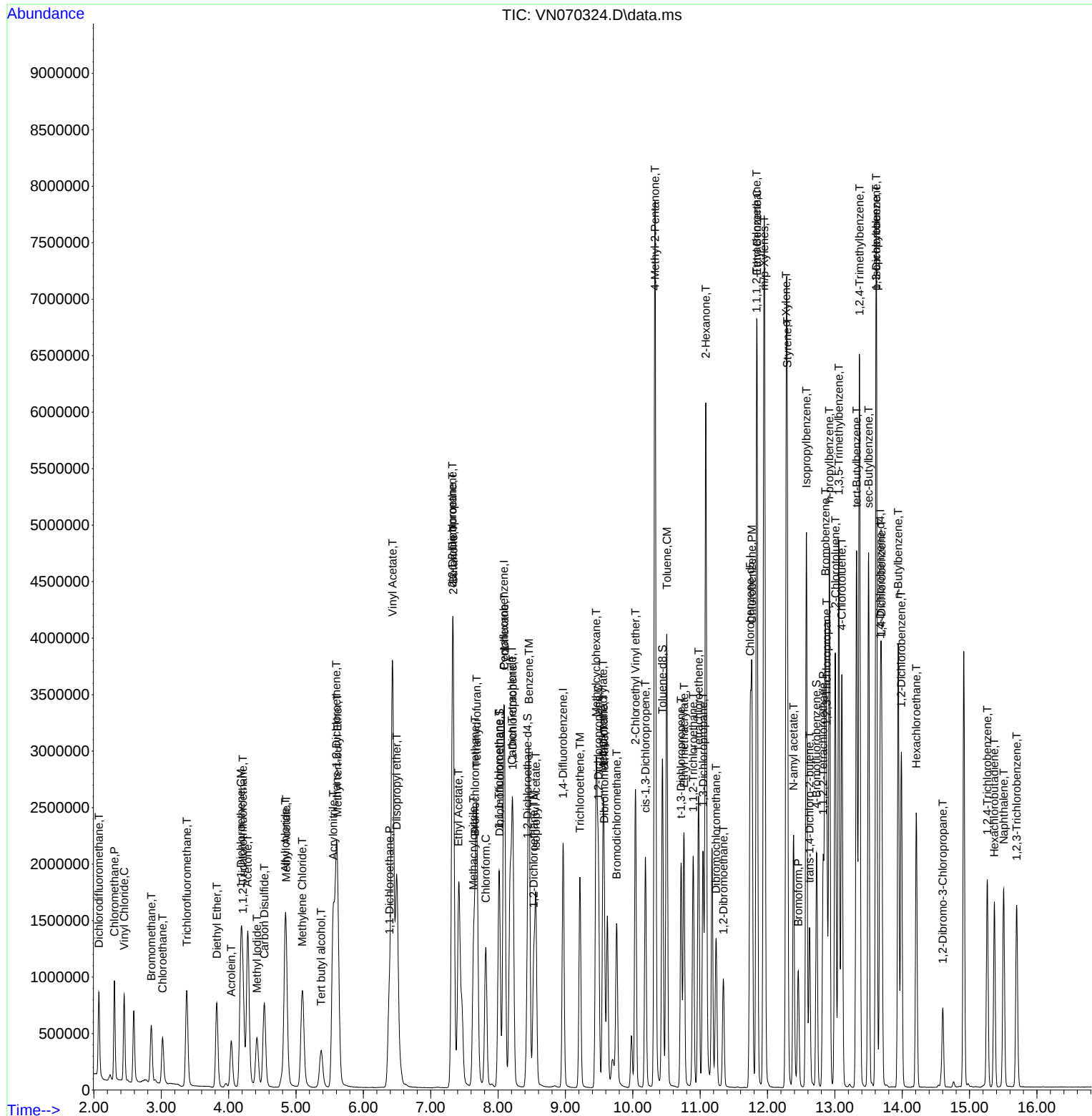
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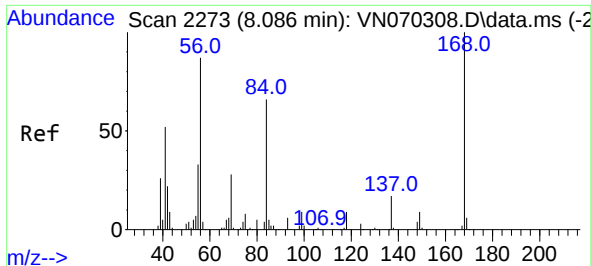
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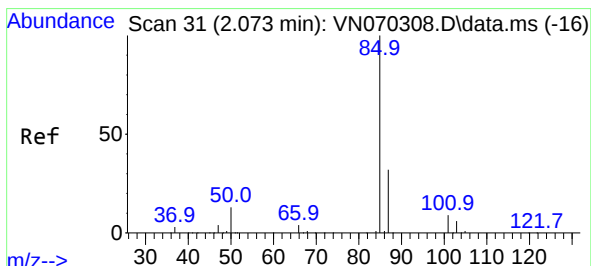
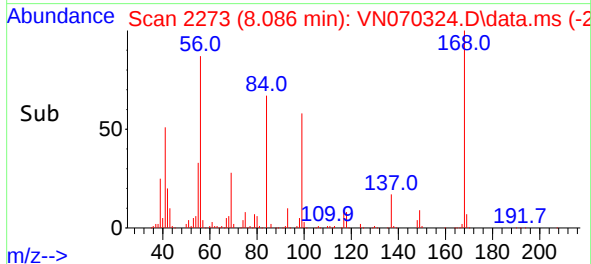
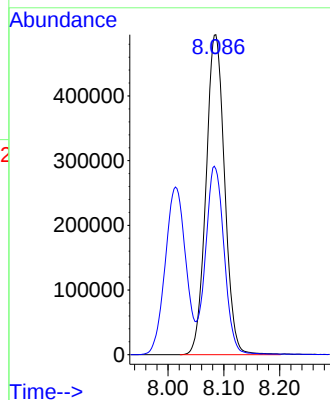
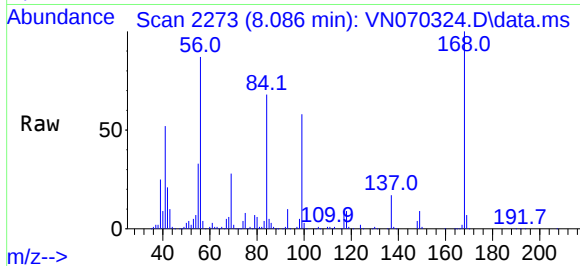
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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Tgt Ion:168 Resp: 114820
Ion Ratio Lower Upper
168 100
99 57.8 41.3 61.9

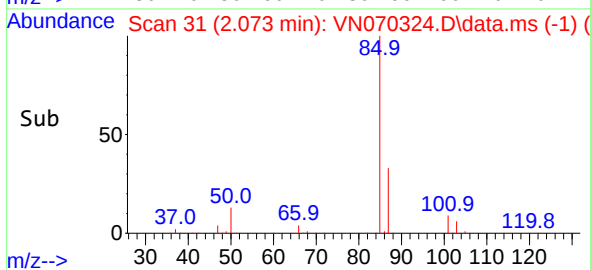
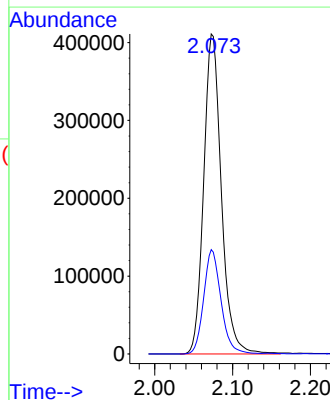
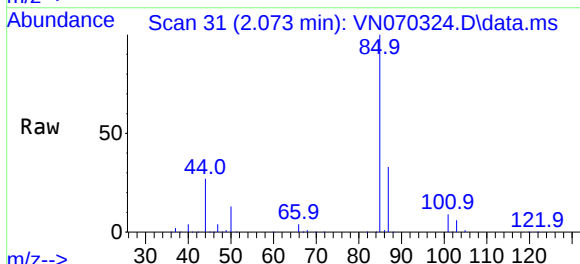
Manual Integrations
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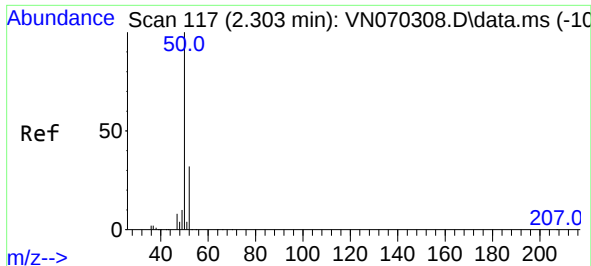
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#2
Dichlorodifluoromethane
Concen: 49.849 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

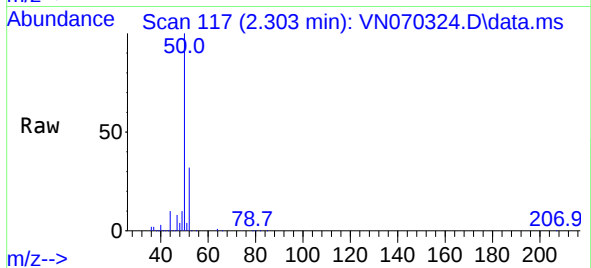
Tgt Ion: 85 Resp: 649094
Ion Ratio Lower Upper
85 100
87 32.6 16.3 48.9





#3
Chloromethane
Concen: 46.377 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

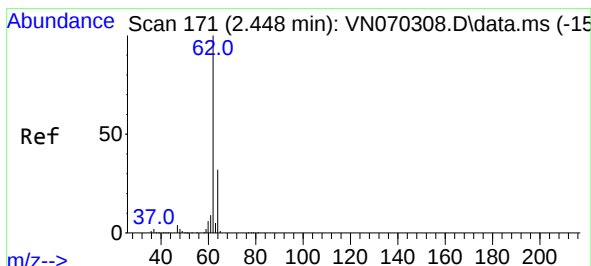
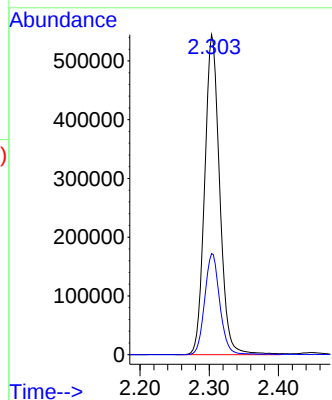
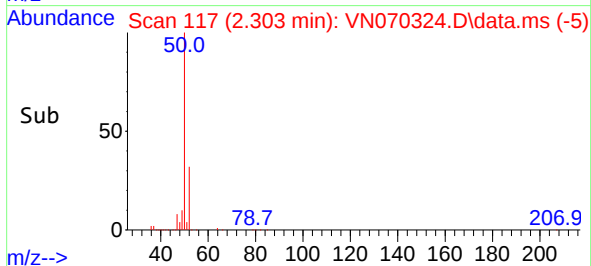
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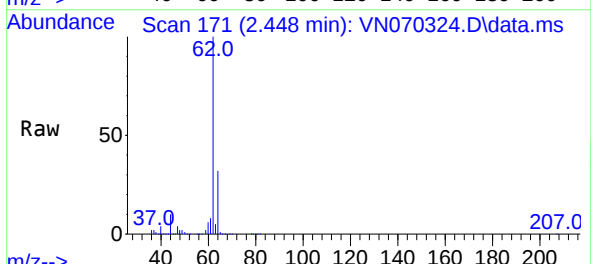
Tgt Ion: 50 Resp: 821477
Ion Ratio Lower Upper
50 100
52 31.6 25.4 38.0

Manual Integrations
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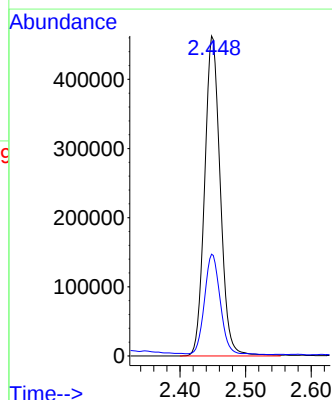
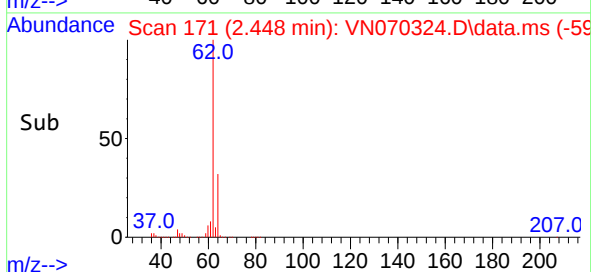
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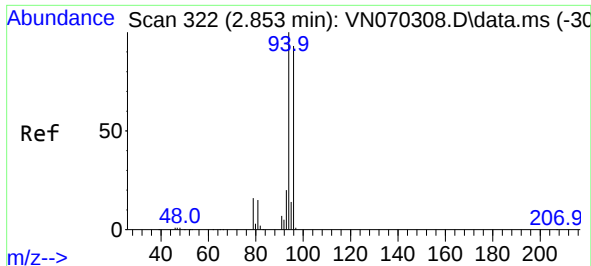


#4
Vinyl Chloride
Concen: 47.519 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25



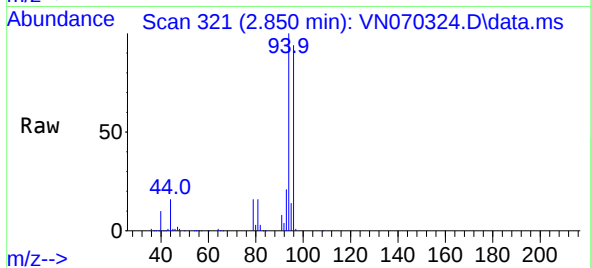
Tgt Ion: 62 Resp: 766334
Ion Ratio Lower Upper
62 100
64 31.3 25.8 38.6





#5
Bromomethane
Concen: 50.485 ug/l
RT: 2.850 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

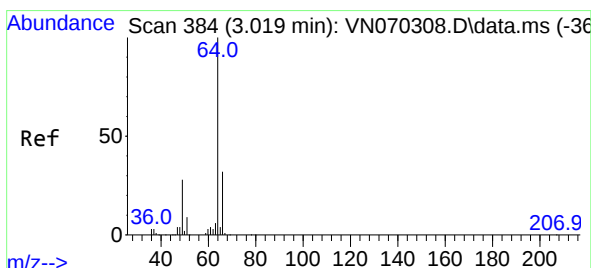
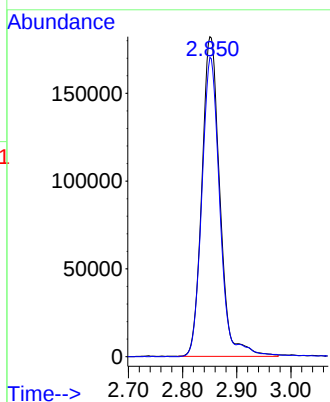
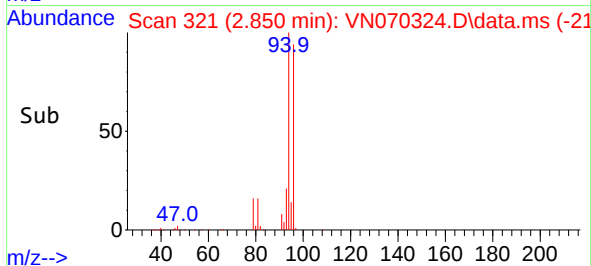
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Tgt Ion: 94 Resp: 420225
Ion Ratio Lower Upper
94 100
96 93.6 73.8 110.8

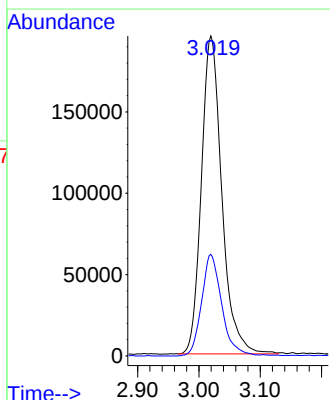
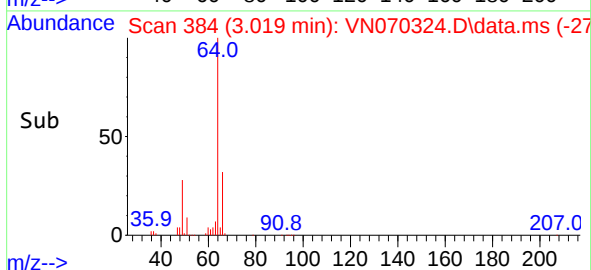
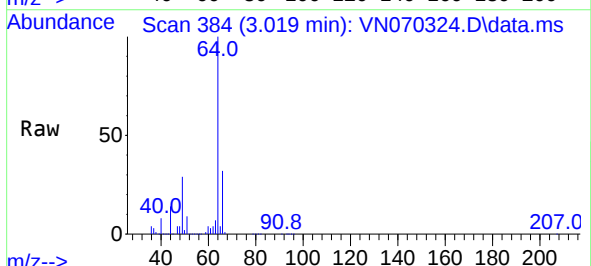
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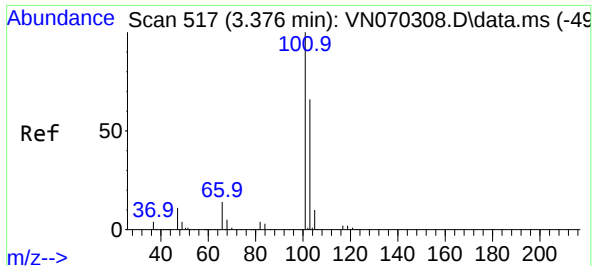
Reviewed By :John Carlone 12/29/2021
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#6
Chloroethane
Concen: 46.655 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

Tgt Ion: 64 Resp: 453108
Ion Ratio Lower Upper
64 100
66 32.0 26.3 39.5





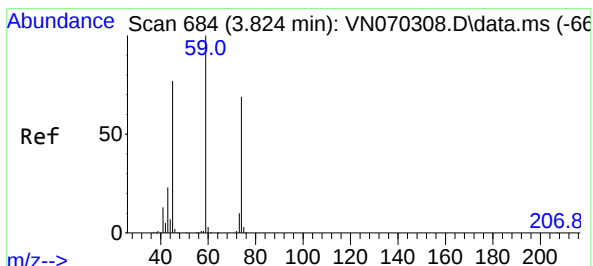
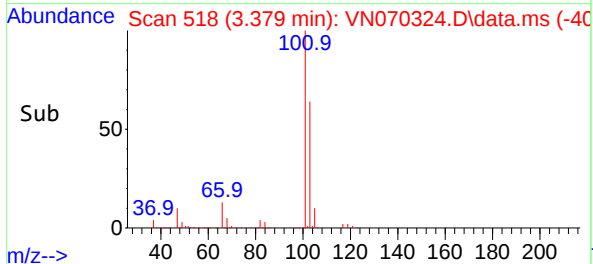
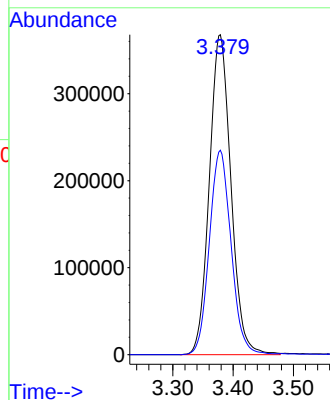
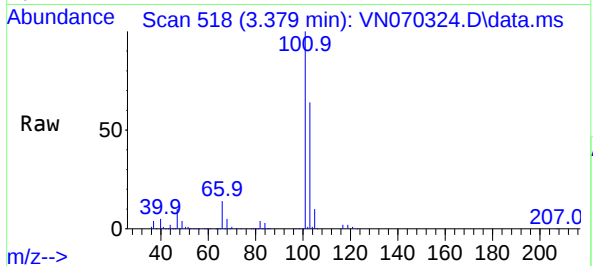
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 Trichlorofluoromethane
 Concen: 47.163 ug/l
 RT: 3.379 min Scan# 517
 Delta R.T. 0.003 min
 Lab File: VN070324.D
 Acq: 28 Dec 2021 10:25

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 ClientSampleId :
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Tgt Ion:101 Resp: 915462
 Ion Ratio Lower Upper
 101 100
 103 63.9 50.1 75.1

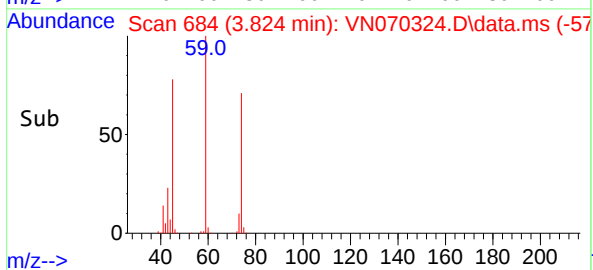
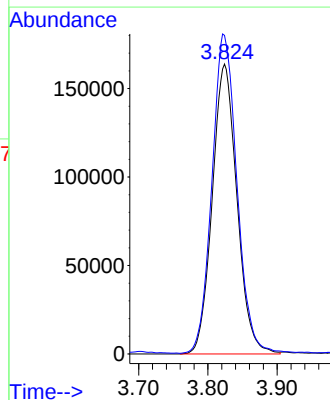
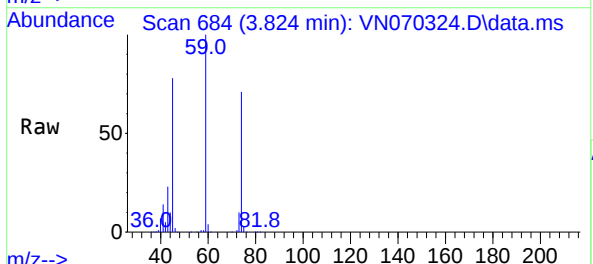
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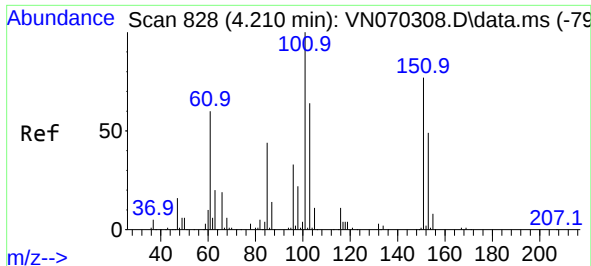
Reviewed By :John Carlone 12/29/2021
 Supervised By :Mahesh Dadoda 12/30/2021



#8
 Diethyl Ether
 Concen: 47.524 ug/l
 RT: 3.824 min Scan# 684
 Delta R.T. -0.000 min
 Lab File: VN070324.D
 Acq: 28 Dec 2021 10:25

Tgt Ion: 74 Resp: 406654
 Ion Ratio Lower Upper
 74 100
 45 111.4 47.0 141.2





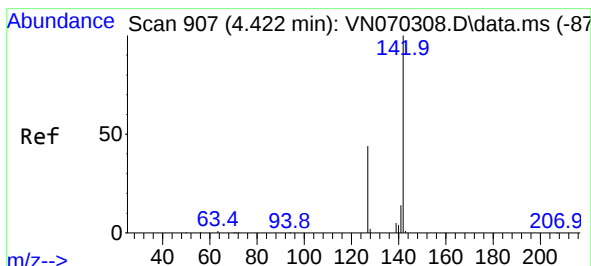
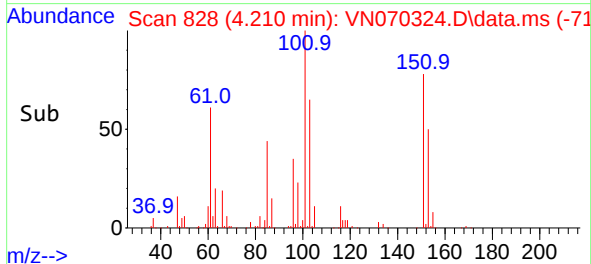
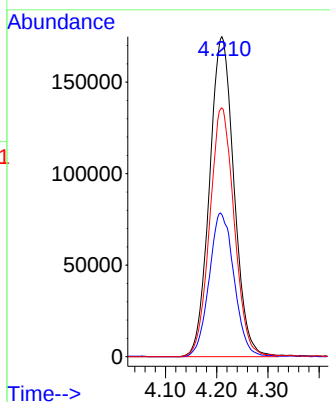
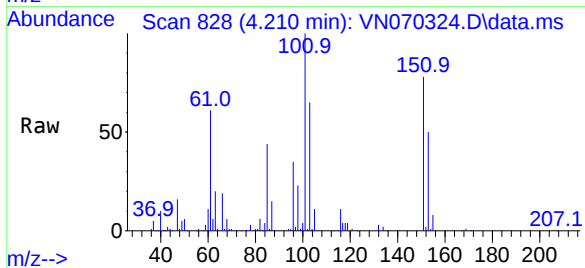
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.962 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 58129
Ion Ratio Lower Upper
101 100
85 45.6 37.2 55.8
151 77.6 65.9 98.9

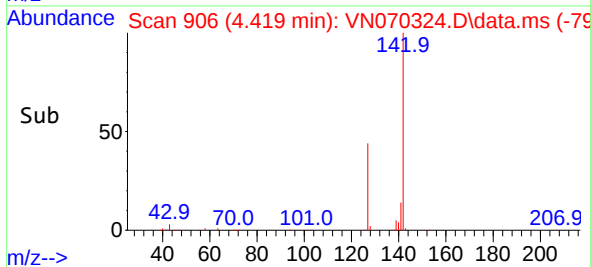
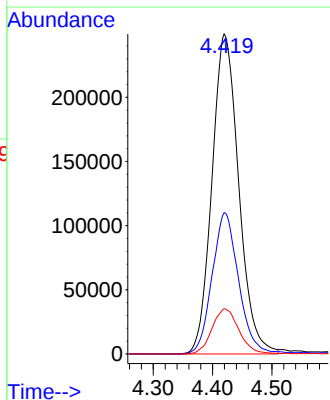
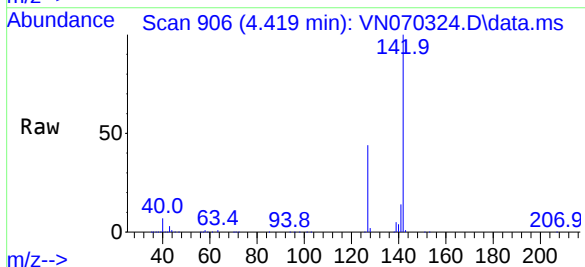
Manual Integrations
APPROVED

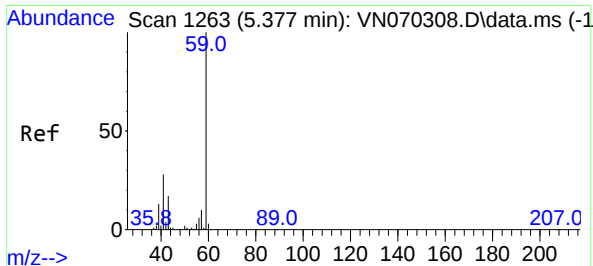
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#10
Methyl Iodide
Concen: 48.640 ug/l
RT: 4.419 min Scan# 906
Delta R.T. -0.003 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

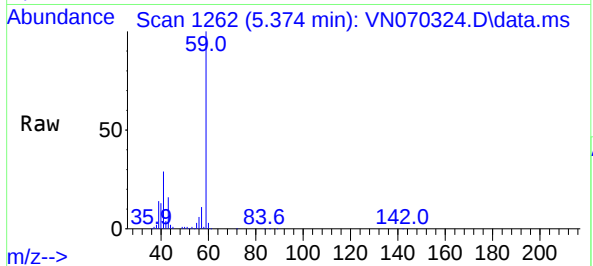
Tgt Ion:142 Resp: 781500
Ion Ratio Lower Upper
142 100
127 43.8 35.4 53.0
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 219.693 ug/l
RT: 5.374 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

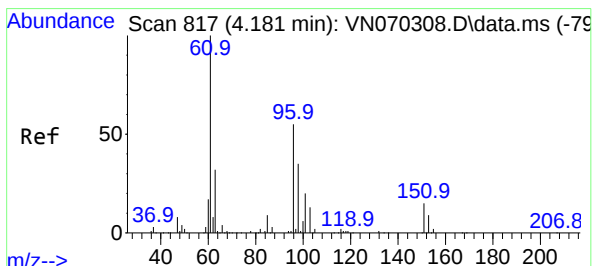
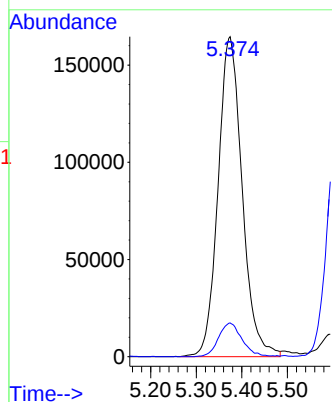
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



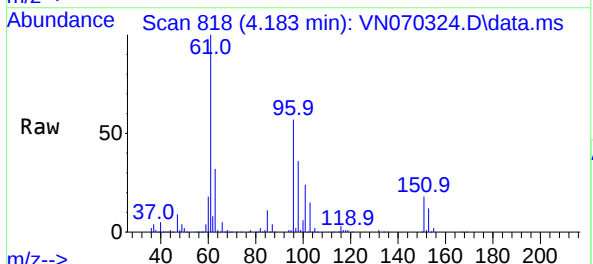
Tgt Ion: 59 Resp: 603898
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1

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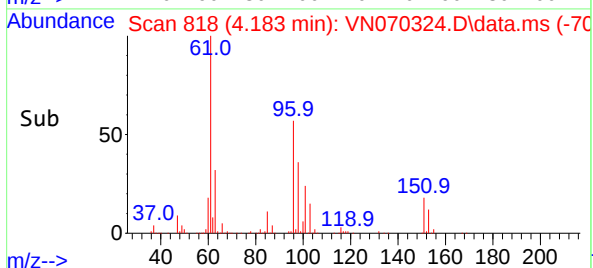
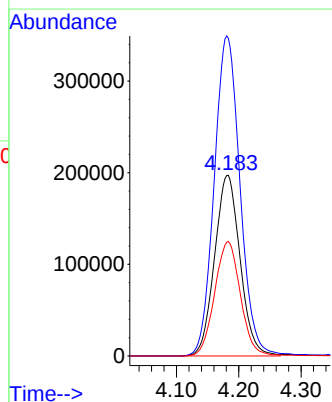
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

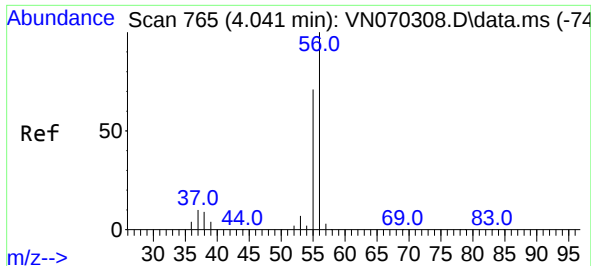


#12
1,1-Dichloroethene
Concen: 47.968 ug/l
RT: 4.183 min Scan# 818
Delta R.T. 0.002 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25



Tgt Ion: 96 Resp: 560934
Ion Ratio Lower Upper
96 100
61 175.7 131.0 196.6
98 63.3 52.4 78.6





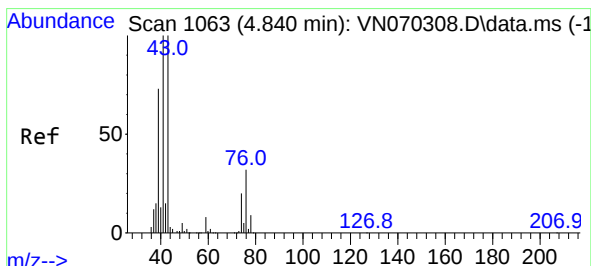
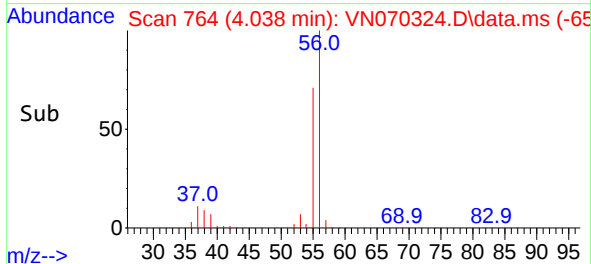
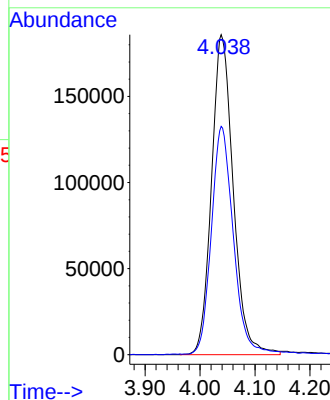
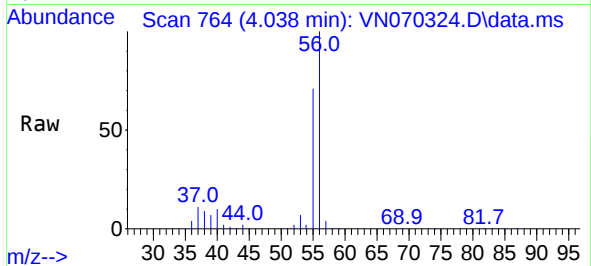
#13
Acrolein
Concen: 229.414 ug/l
RT: 4.038 min Scan# 764
Delta R.T. -0.003 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 511670
Ion Ratio Lower Upper
56 100
55 71.5 56.6 85.0

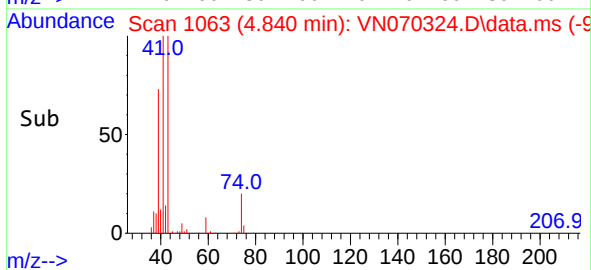
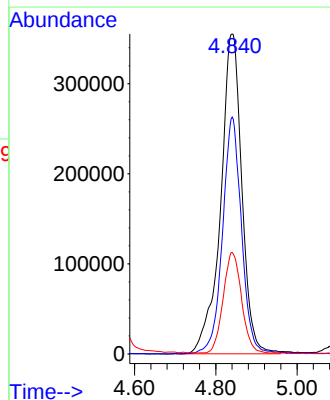
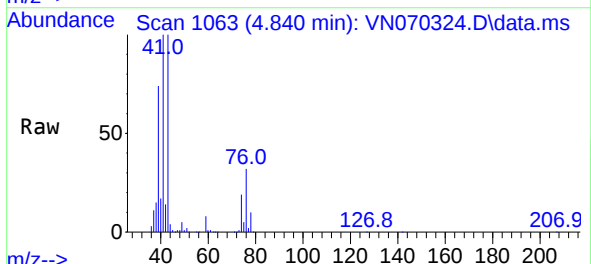
Manual Integrations
APPROVED

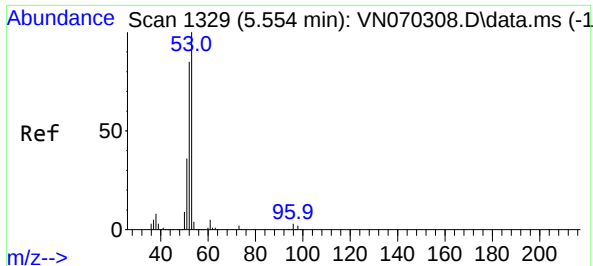
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#14
Allyl chloride
Concen: 48.592 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

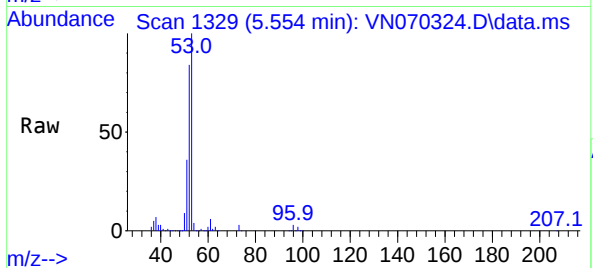
Tgt Ion: 41 Resp: 1288326
Ion Ratio Lower Upper
41 100
39 66.2 61.2 91.8
76 27.1 26.0 39.0





#15
Acrylonitrile
Concen: 236.266 ug/l
RT: 5.554 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

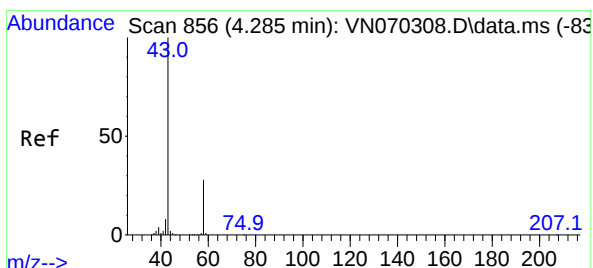
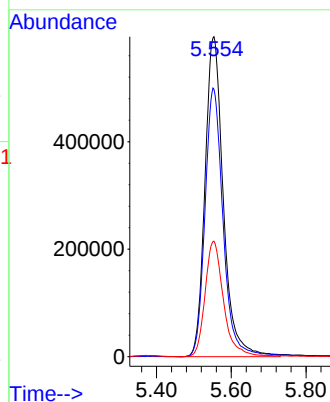
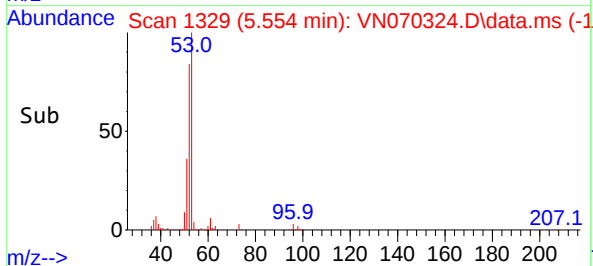
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



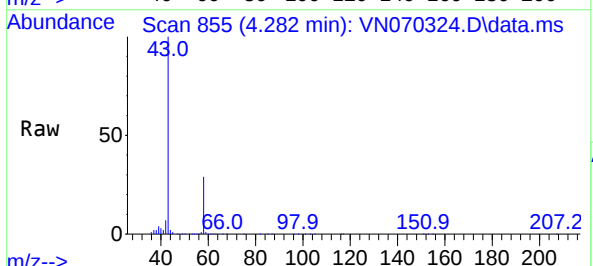
Tgt Ion: 53 Resp: 202664
Ion Ratio Lower Upper
53 100
52 82.3 66.2 99.2
51 36.2 29.6 44.4

Manual Integrations
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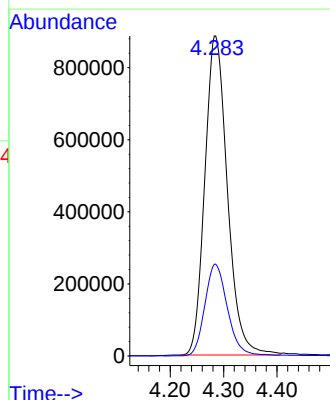
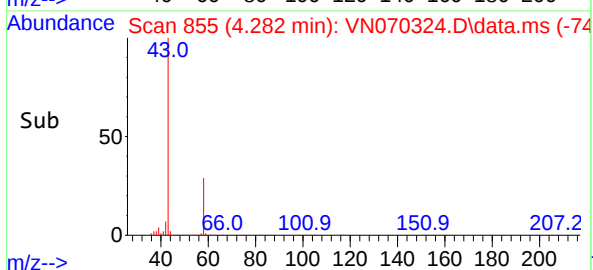
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

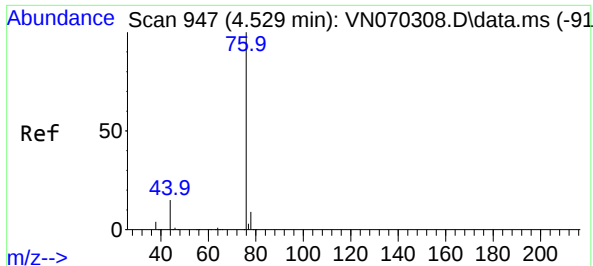


#16
Acetone
Concen: 242.595 ug/l
RT: 4.282 min Scan# 855
Delta R.T. -0.003 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25



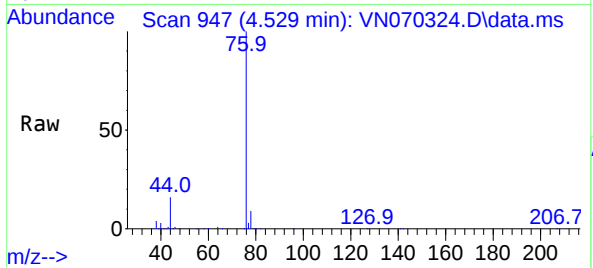
Tgt Ion: 43 Resp: 2599859
Ion Ratio Lower Upper
43 100
58 28.7 23.1 34.7





#17
Carbon Disulfide
Concen: 51.556 ug/l
RT: 4.529 min Scan# 947
Delta R.T. 0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

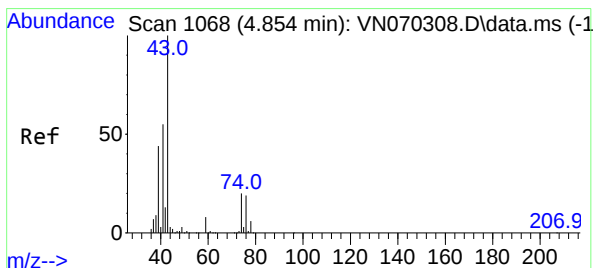
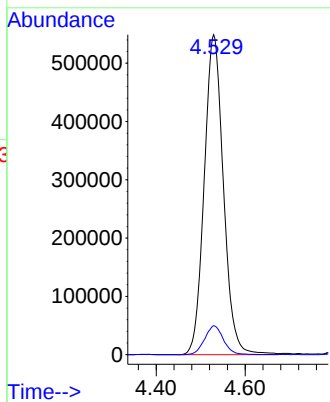
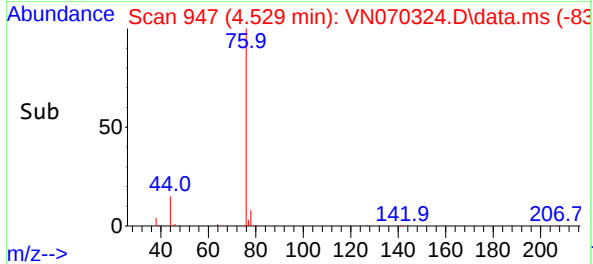
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



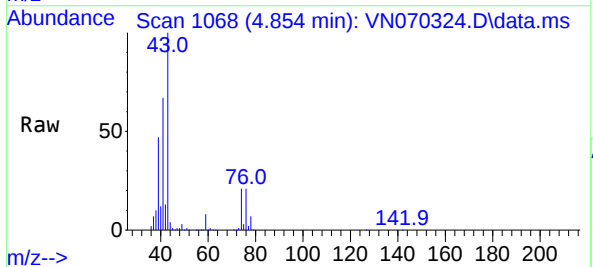
Tgt Ion: 76 Resp: 164569
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

Manual Integrations
APPROVED

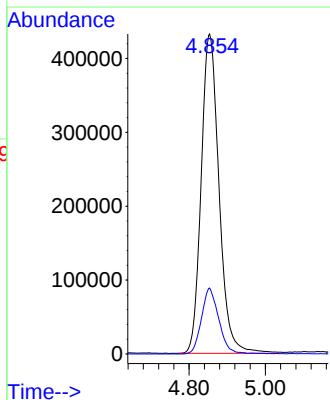
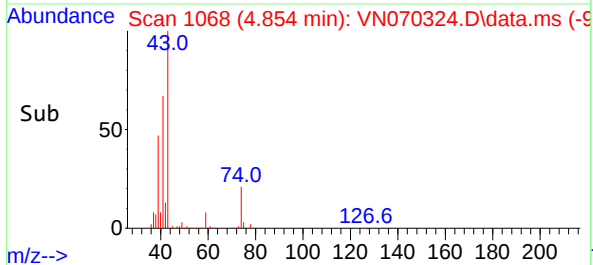
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

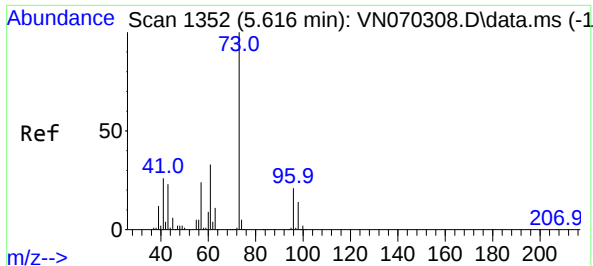


#18
Methyl Acetate
Concen: 45.400 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25



Tgt Ion: 43 Resp: 1407434
Ion Ratio Lower Upper
43 100
74 19.9 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 47.816 ug/l

RT: 5.615 min Scan# 1157

Delta R.T. -0.001 min

Lab File: VN070324.D

Acq: 28 Dec 2021 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 2076519

Ion Ratio Lower Upper

73 100

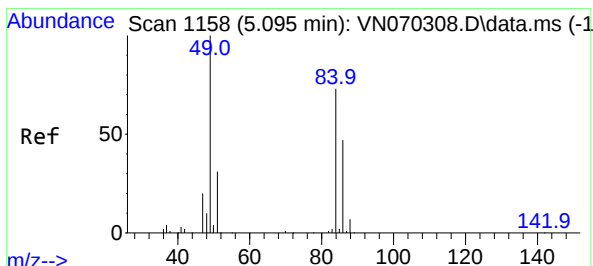
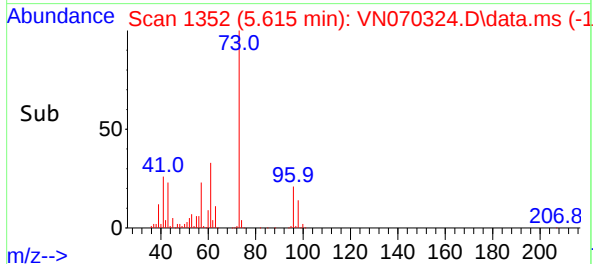
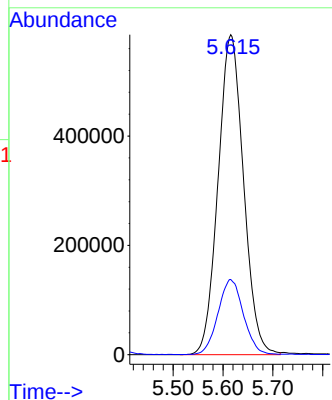
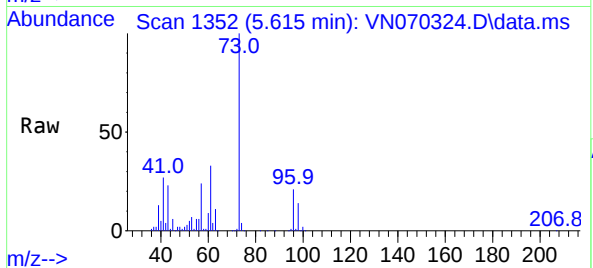
57 23.5 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2021

Supervised By :Mahesh Dadoda 12/30/2021



#20

Methylene Chloride

Concen: 45.815 ug/l

RT: 5.092 min Scan# 1157

Delta R.T. -0.003 min

Lab File: VN070324.D

Acq: 28 Dec 2021 10:25

Tgt Ion: 84 Resp: 679323

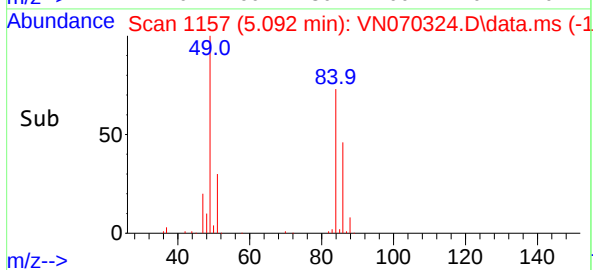
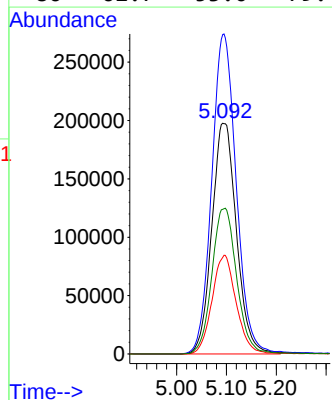
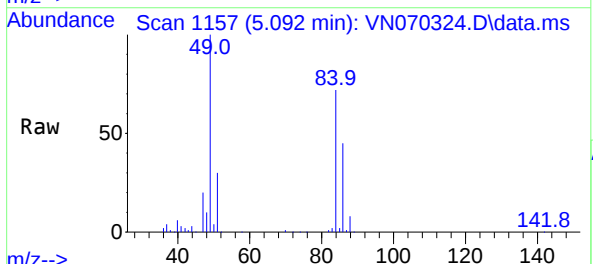
Ion Ratio Lower Upper

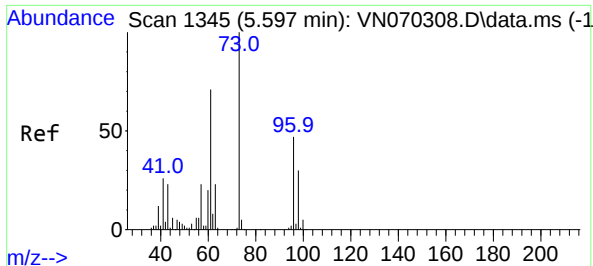
84 100

49 138.5 93.5 140.3

51 41.9 29.4 44.2

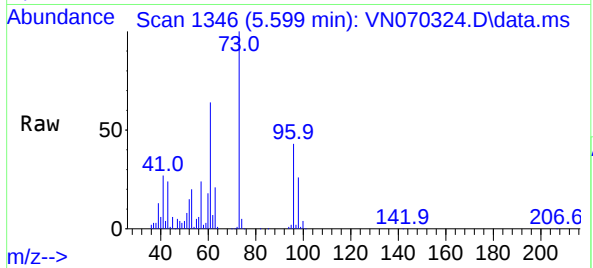
86 62.7 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 48.748 ug/l
RT: 5.599 min Scan# 11
Delta R.T. 0.002 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

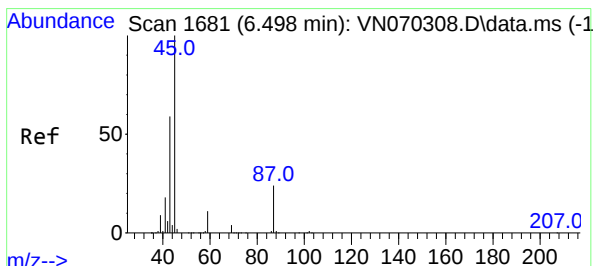
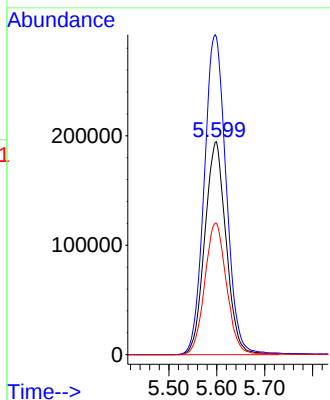
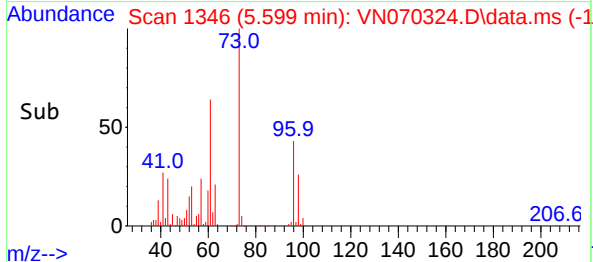
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



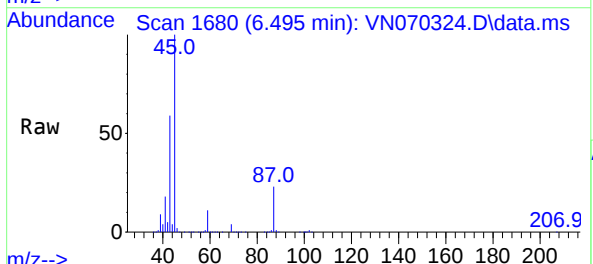
Tgt Ion: 96 Resp: 60357
Ion Ratio Lower Upper
96 100
61 149.0 105.8 158.6
98 61.7 52.0 78.0

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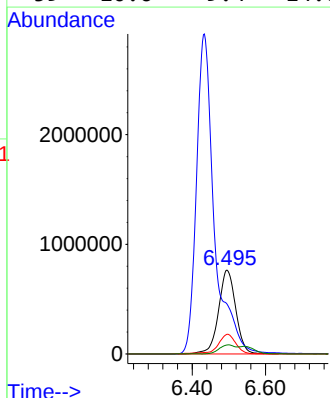
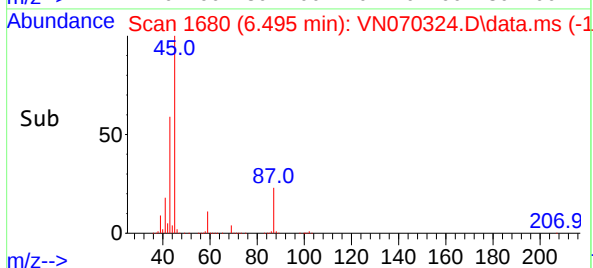
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

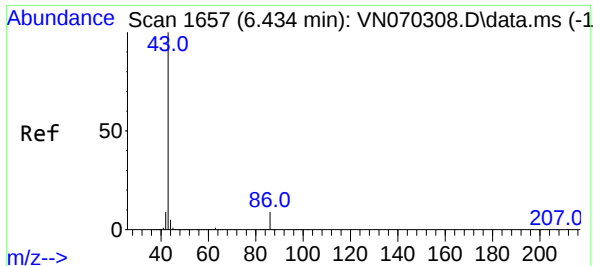


#22
Diisopropyl ether
Concen: 48.446 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25



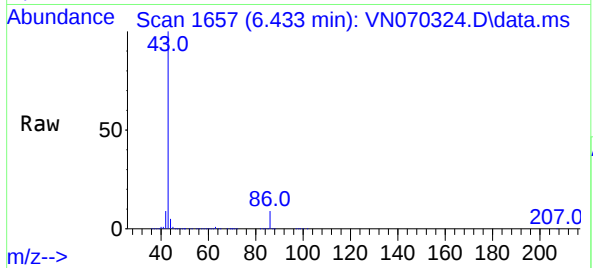
Tgt Ion: 45 Resp: 2501776
Ion Ratio Lower Upper
45 100
43 59.3 51.7 77.5
87 23.3 23.2 34.8
59 10.6 9.4 14.0





#23
 Vinyl Acetate
 Concen: 247.327 ug/l
 RT: 6.433 min Scan# 1657
 Delta R.T. -0.001 min
 Lab File: VN070324.D
 Acq: 28 Dec 2021 10:25

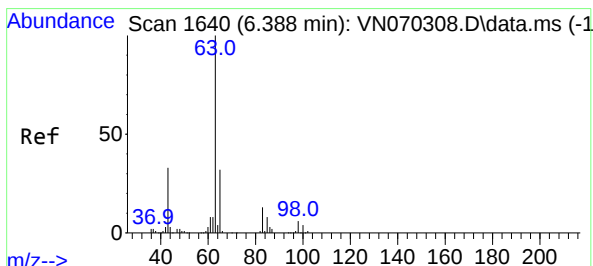
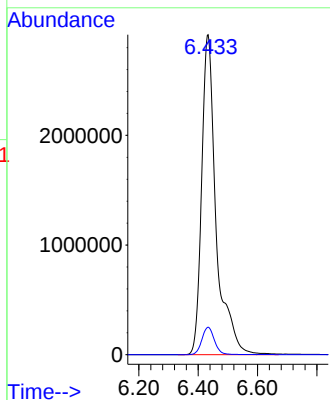
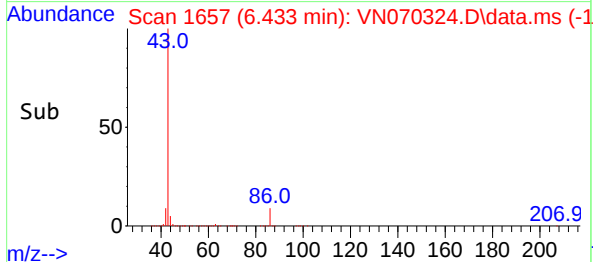
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



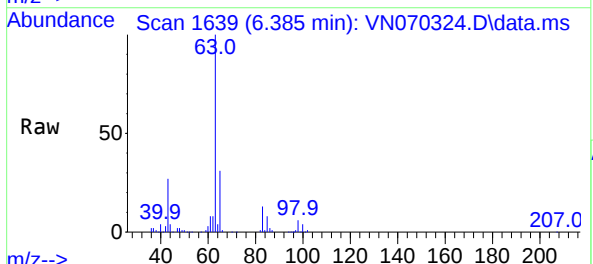
Tgt Ion: 43 Resp: 990949
 Ion Ratio Lower Upper
 43 100
 86 8.6 8.5 12.7

Manual Integrations
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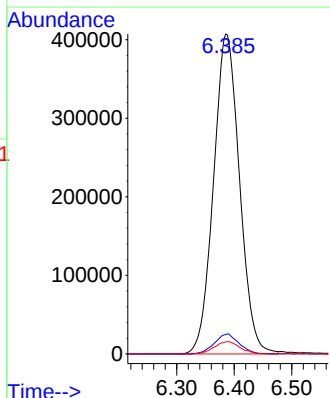
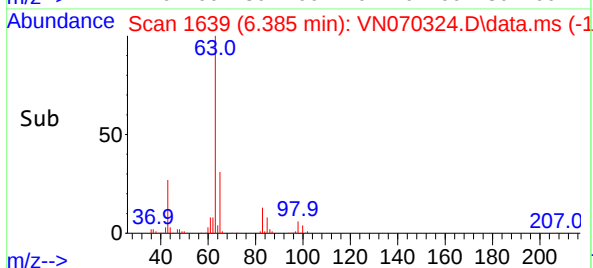
Reviewed By :John Carlone 12/29/2021
 Supervised By :Mahesh Dadoda 12/30/2021



#24
 1,1-Dichloroethane
 Concen: 47.692 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.003 min
 Lab File: VN070324.D
 Acq: 28 Dec 2021 10:25



Tgt Ion: 63 Resp: 1277012
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.9
 100 3.8 2.1 6.5





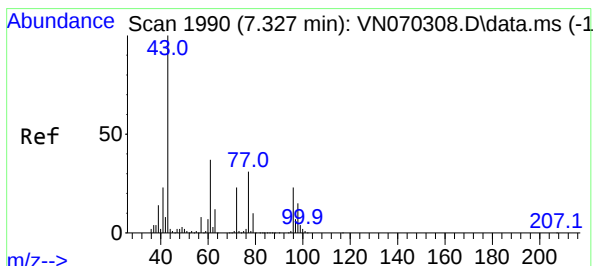
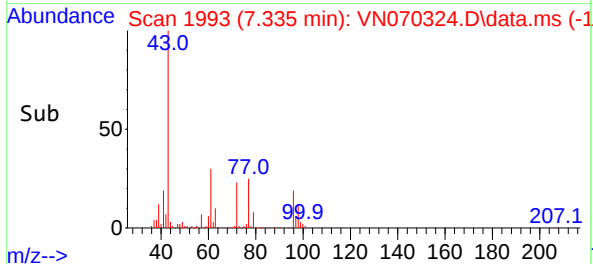
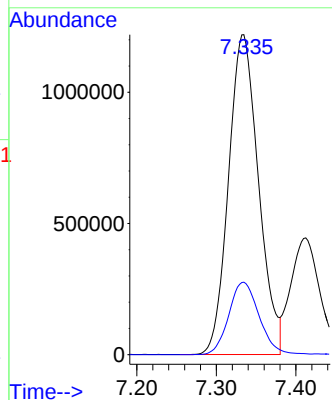
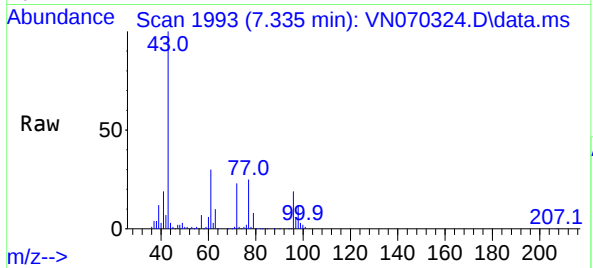
#25
2-Butanone
Concen: 237.180 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 3200480
Ion Ratio Lower Upper
43 100
72 22.7 21.7 32.5

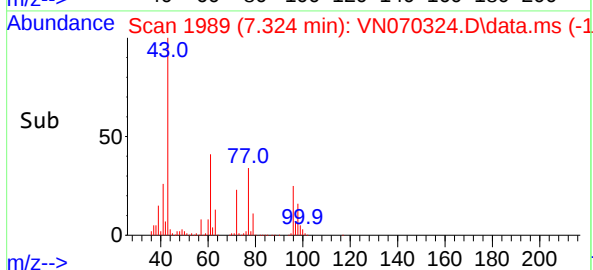
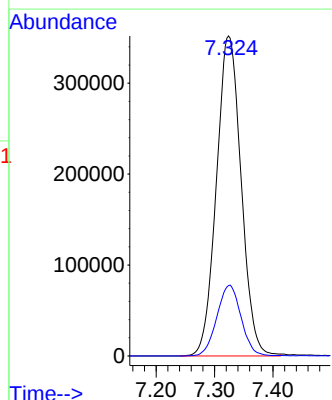
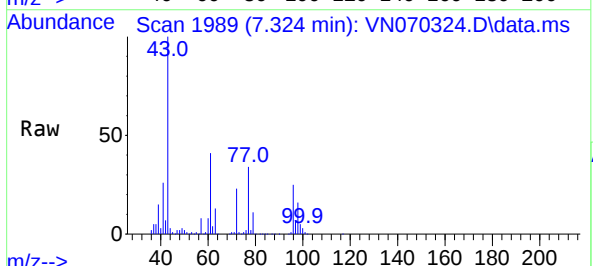
Manual Integrations
APPROVED

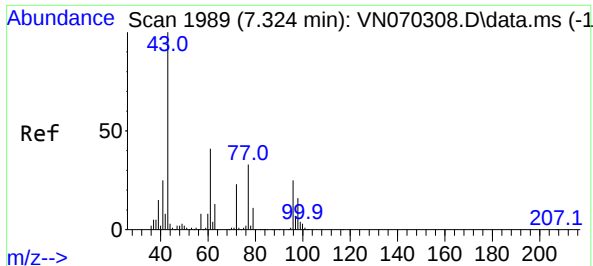
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#26
2,2-Dichloropropane
Concen: 48.994 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

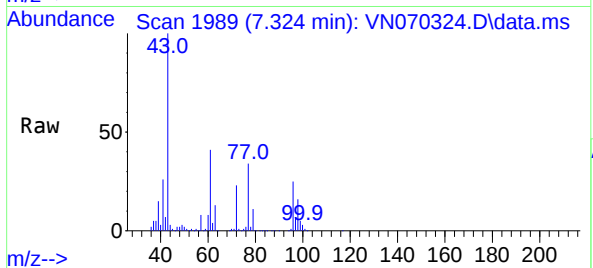
Tgt Ion: 77 Resp: 1034926
Ion Ratio Lower Upper
77 100
97 21.7 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 48.182 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

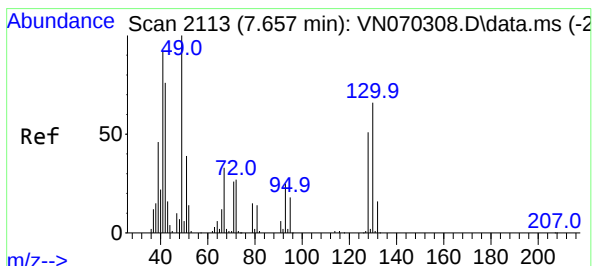
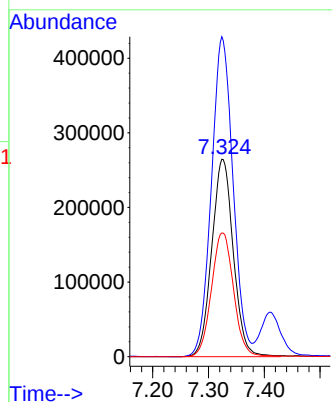
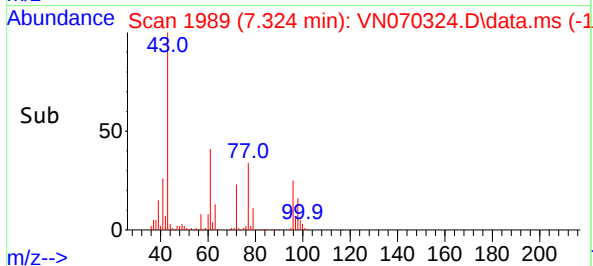
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 711820
Ion Ratio Lower Upper
96 100
61 162.2 0.0 275.0
98 64.4 0.0 129.6

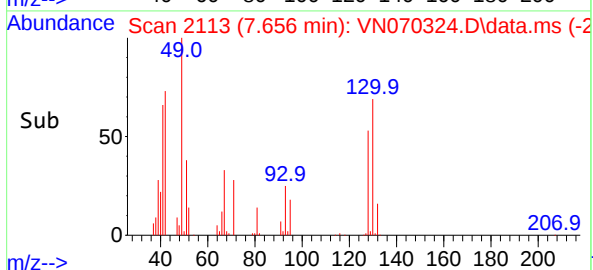
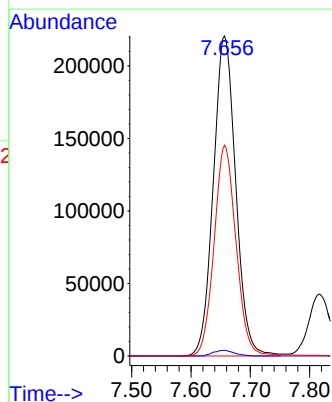
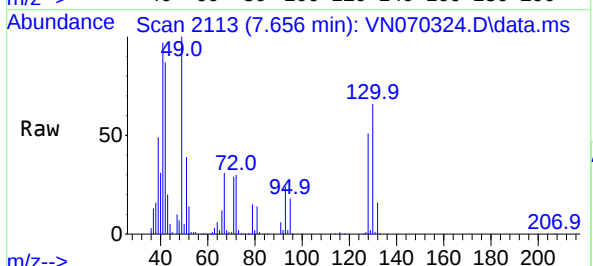
Manual Integrations
APPROVED

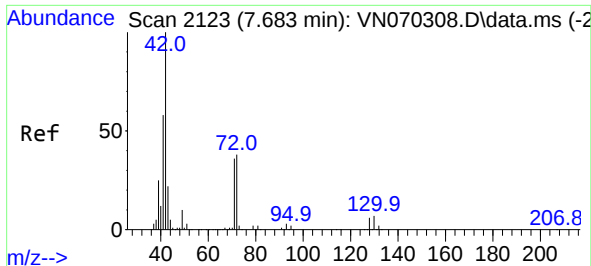
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#28
Bromochloromethane
Concen: 44.209 ug/l
RT: 7.656 min Scan# 2113
Delta R.T. -0.001 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

Tgt Ion: 49 Resp: 578910
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.0
130 64.5 67.8 101.8#





#29

Tetrahydrofuran

Concen: 234.019 ug/l

RT: 7.683 min Scan# 2123

Delta R.T. 0.000 min

Lab File: VN070324.D

Acq: 28 Dec 2021 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 188406

Ion Ratio Lower Upper

42 100

72 37.2 36.3 54.5

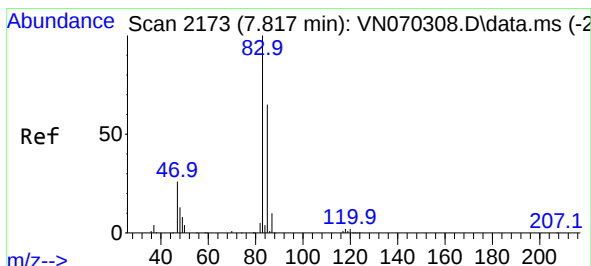
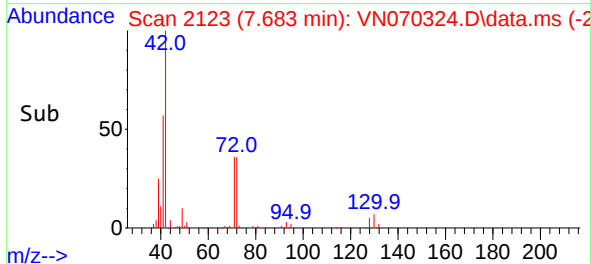
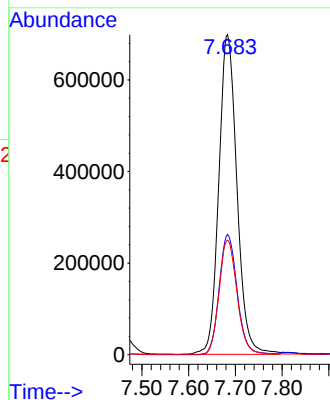
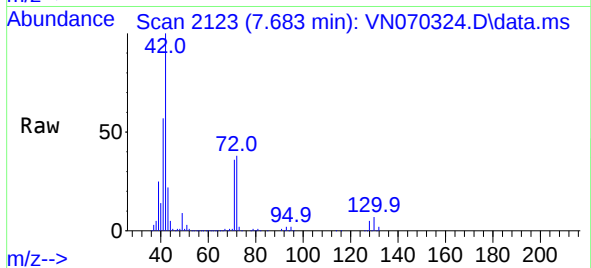
71 35.5 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2021

Supervised By :Mahesh Dadoda 12/30/2021



#30

Chloroform

Concen: 47.441 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. 0.000 min

Lab File: VN070324.D

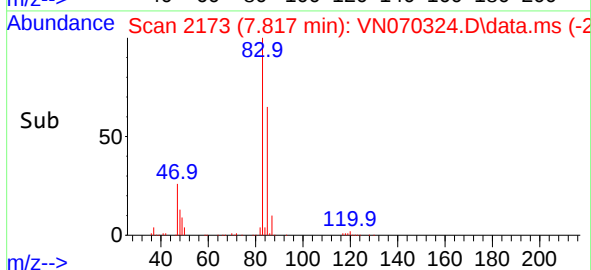
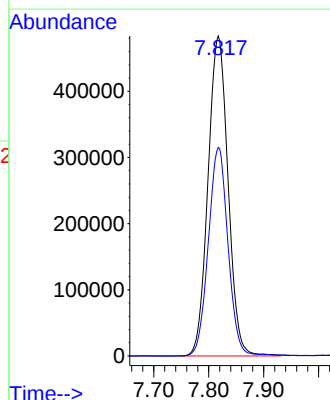
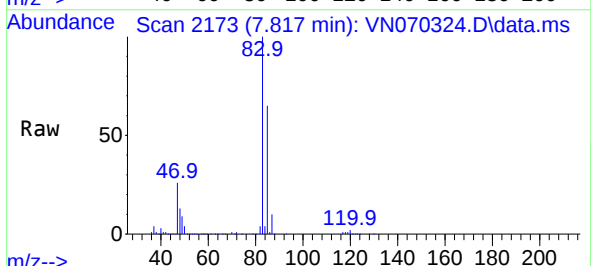
Acq: 28 Dec 2021 10:25

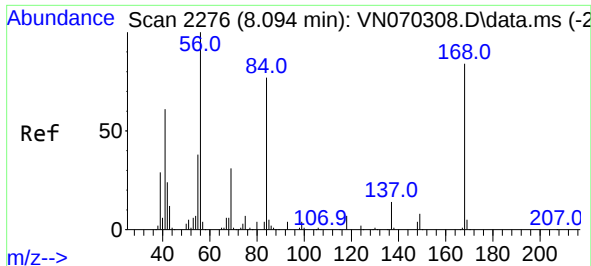
Tgt Ion: 83 Resp: 1225477

Ion Ratio Lower Upper

83 100

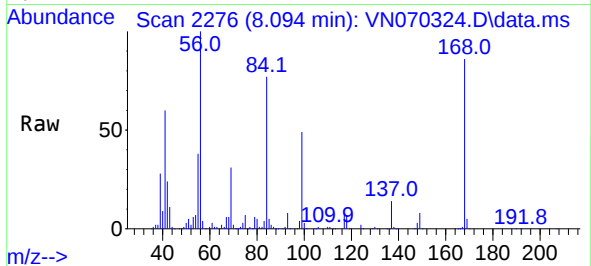
85 65.1 51.9 77.9





#31
Cyclohexane
Concen: 47.759 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

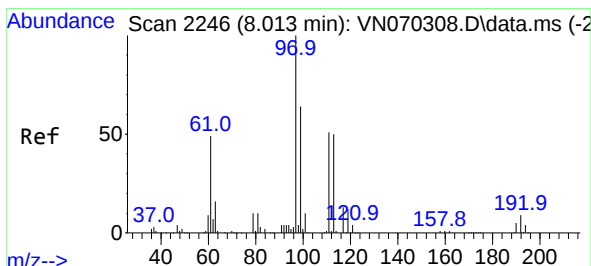
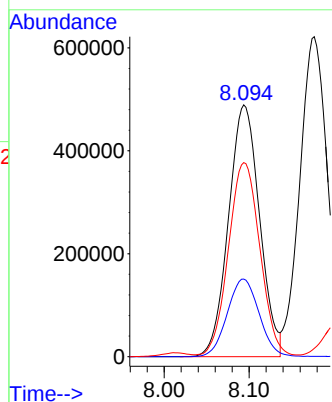
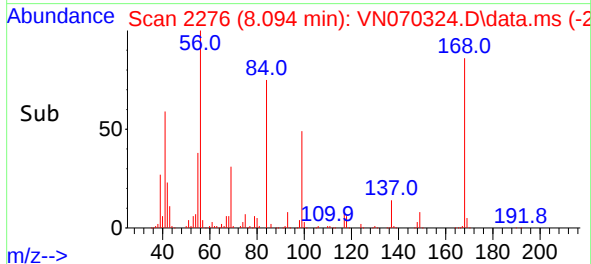
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



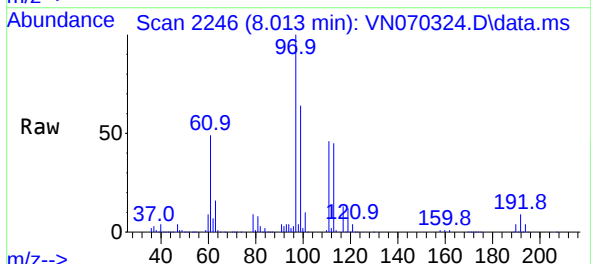
Tgt Ion: 56 Resp: 124421
Ion Ratio Lower Upper
56 100
69 30.8 27.1 40.7
84 75.6 73.4 110.0

Manual Integrations
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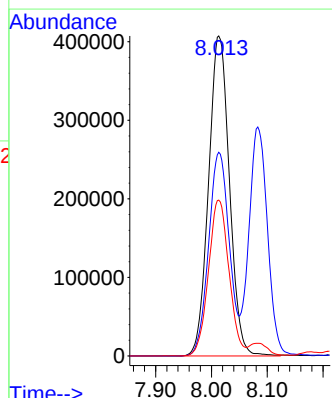
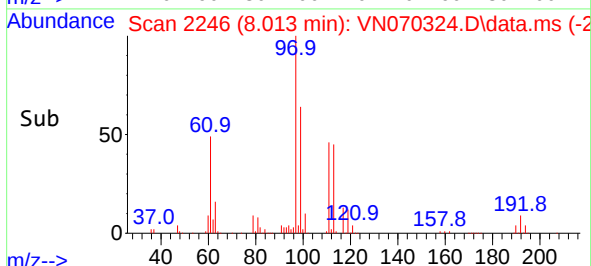
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

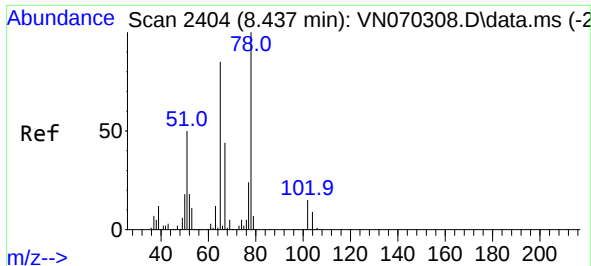


#32
1,1,1-Trichloroethane
Concen: 48.651 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25



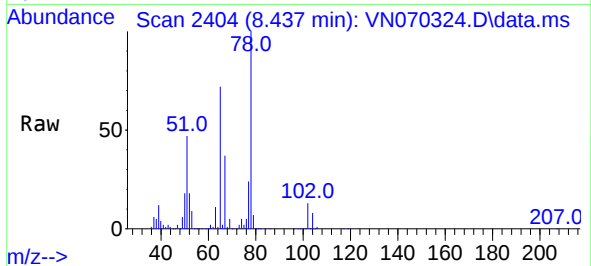
Tgt Ion: 97 Resp: 1059658
Ion Ratio Lower Upper
97 100
99 63.2 50.1 75.1
61 48.0 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 41.855 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

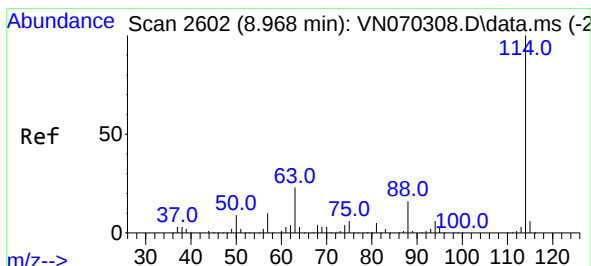
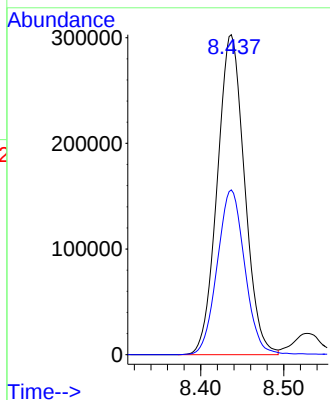
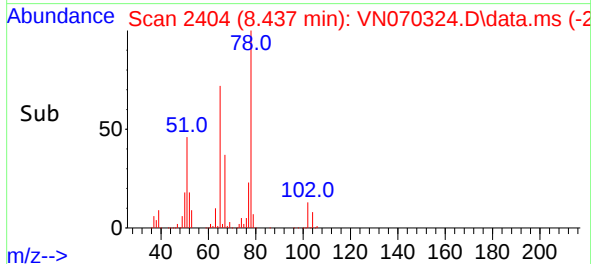
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



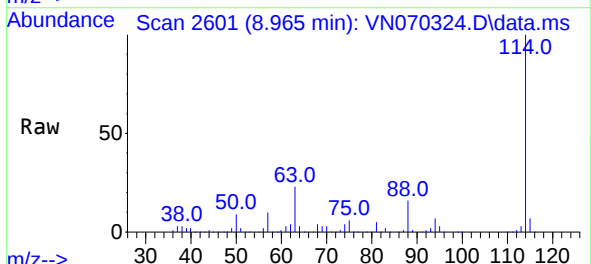
Tgt Ion: 65 Resp: 690988
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.0

Manual Integrations
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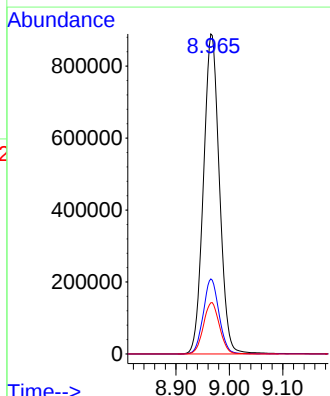
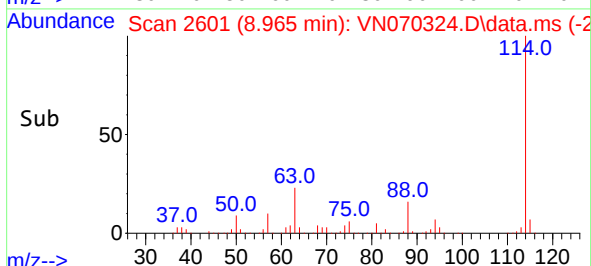
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

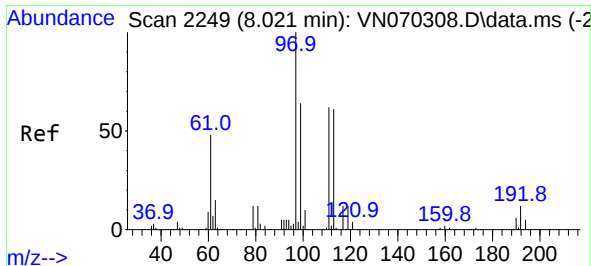


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25



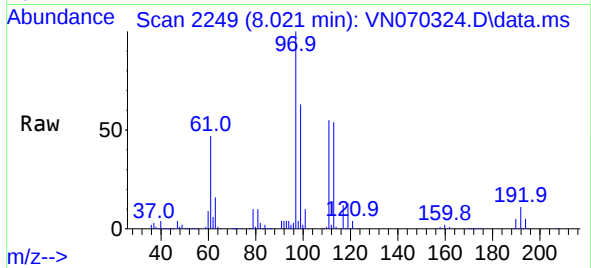
Tgt Ion:114 Resp: 1839357
Ion Ratio Lower Upper
114 100
63 23.4 0.0 37.8
88 16.0 0.0 27.4





#35
Dibromofluoromethane
Concen: 44.760 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

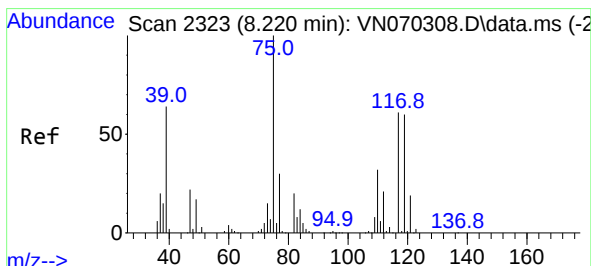
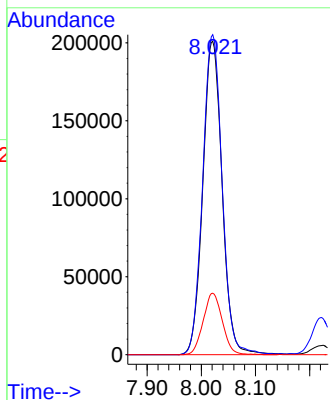
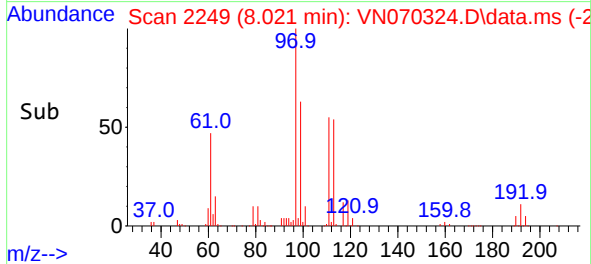
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



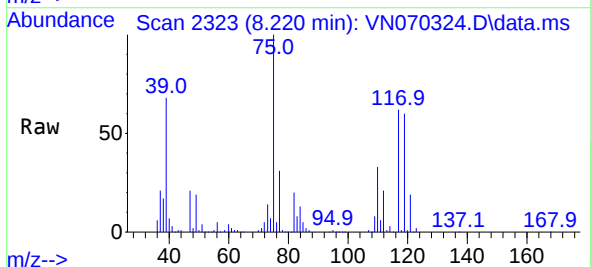
Tgt Ion: 113 Resp: 498139
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 19.4 16.9 25.3

Manual Integrations
APPROVED

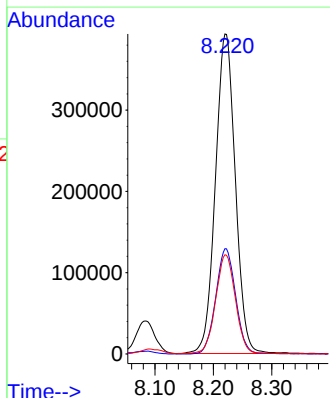
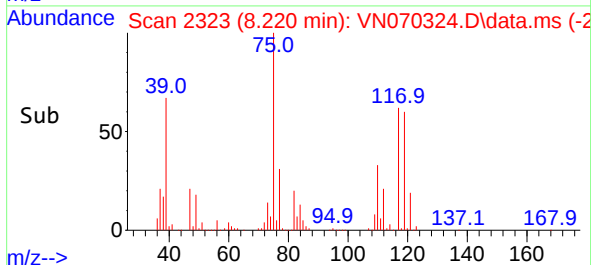
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

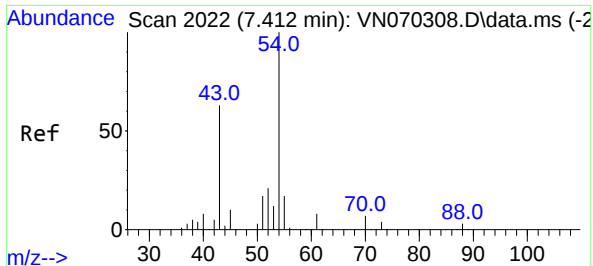


#36
1,1-Dichloropropene
Concen: 50.506 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25



Tgt Ion: 75 Resp: 929838
Ion Ratio Lower Upper
75 100
110 32.8 18.4 55.2
77 30.7 24.4 36.6





#37
Ethyl Acetate
Concen: 48.354 ug/l
RT: 7.412 min Scan# 2022
Delta R.T. 0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

Instrument :

MSVOA_N

ClientSampleId :

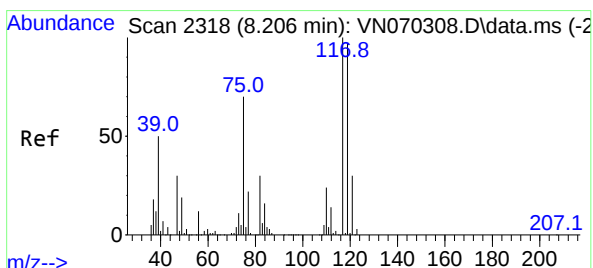
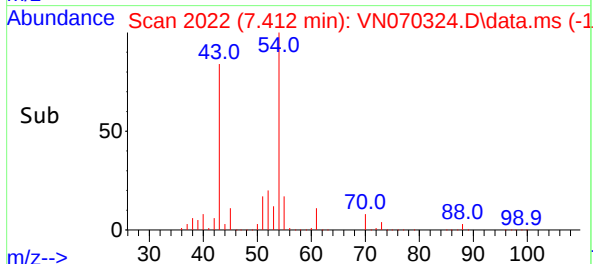
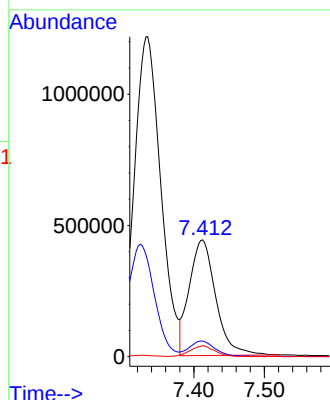
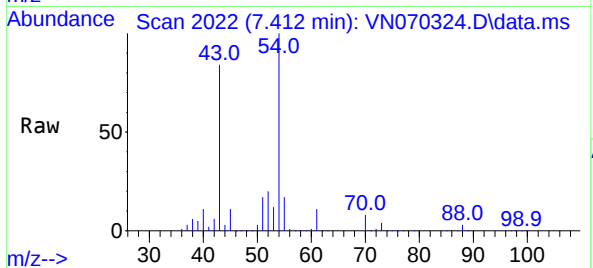
VSTDCCC050

Tgt Ion: 43 Resp: 1153894
Ion Ratio Lower Upper
43 100
61 13.0 11.5 17.3
70 8.7 7.9 11.9

Manual Integrations

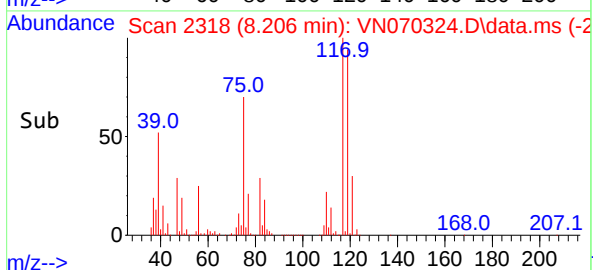
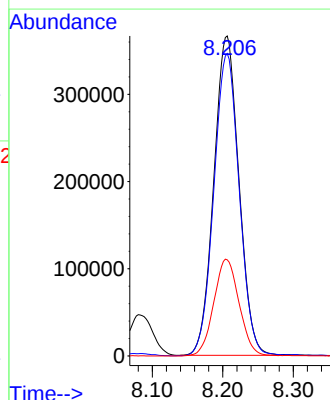
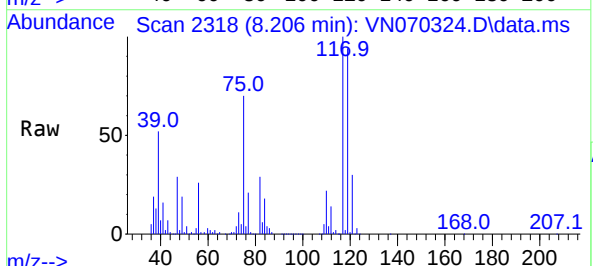
APPROVED

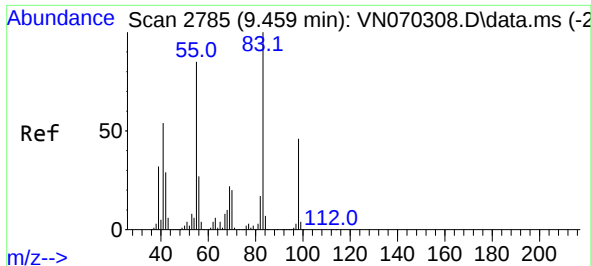
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#38
Carbon Tetrachloride
Concen: 51.523 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

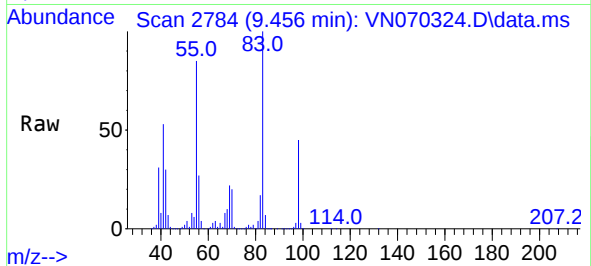
Tgt Ion:117 Resp: 905758
Ion Ratio Lower Upper
117 100
119 94.6 76.1 114.1
121 30.1 24.2 36.2





#39
Methylcyclohexane
Concen: 52.125 ug/l
RT: 9.456 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

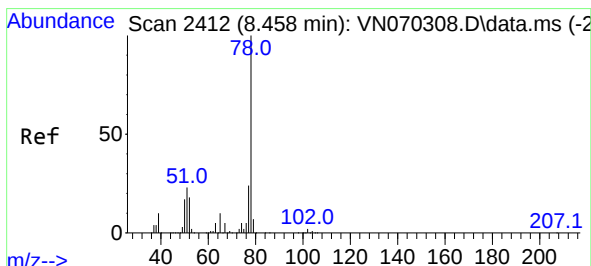
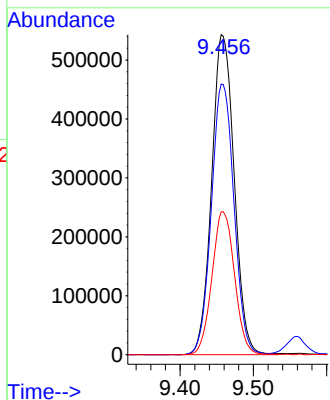
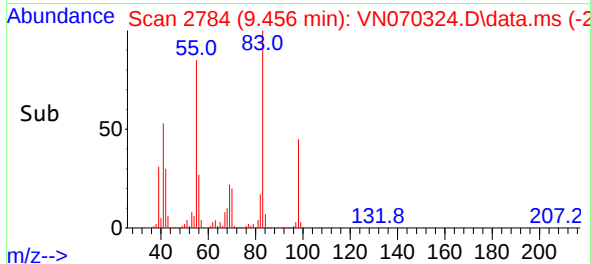
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 116179
Ion Ratio Lower Upper
83 100
55 84.6 58.1 87.1
98 44.6 38.4 57.6

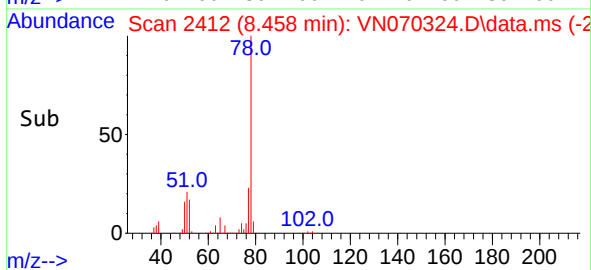
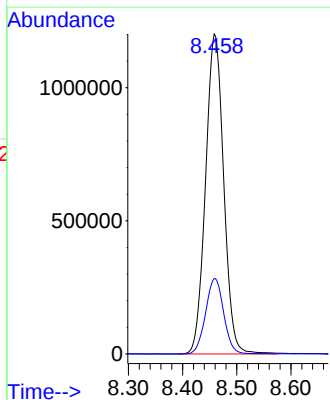
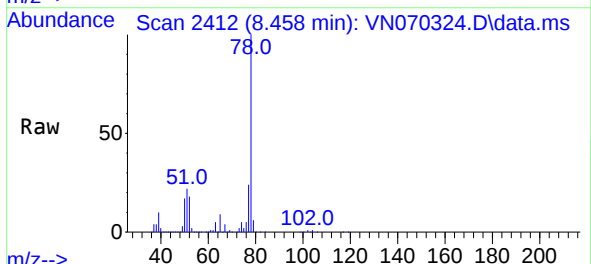
Manual Integrations
APPROVED

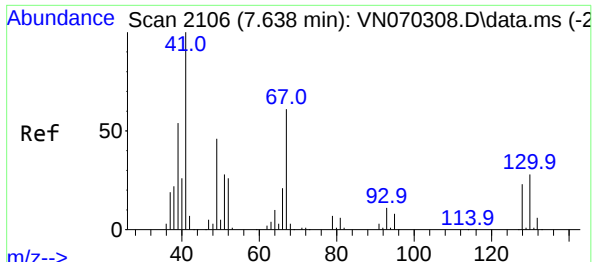
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#40
Benzene
Concen: 49.592 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. 0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

Tgt Ion: 78 Resp: 2799091
Ion Ratio Lower Upper
78 100
77 23.5 18.6 27.8





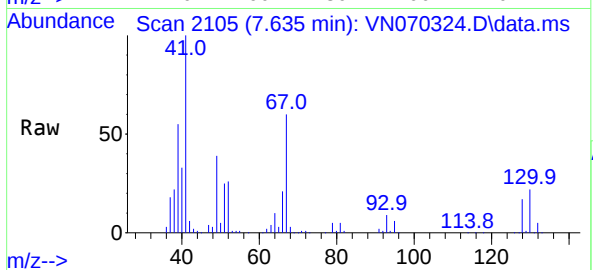
#41
Methacrylonitrile
Concen: 51.040 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.003 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

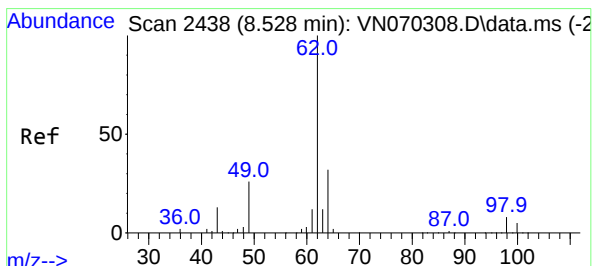
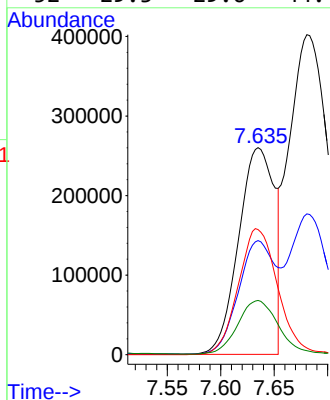
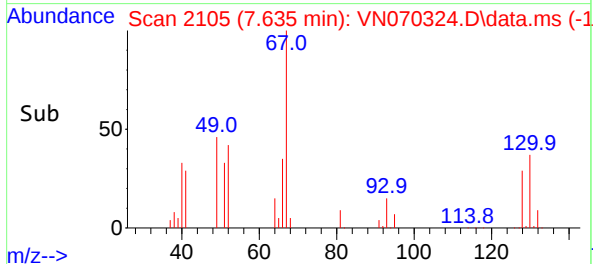


Tgt Ion: 41 Resp: 609223
Ion Ratio Lower Upper
41 100
39 57.5 48.1 72.1
67 67.2 68.3 102.5
52 29.3 29.6 44.4#

Manual Integrations

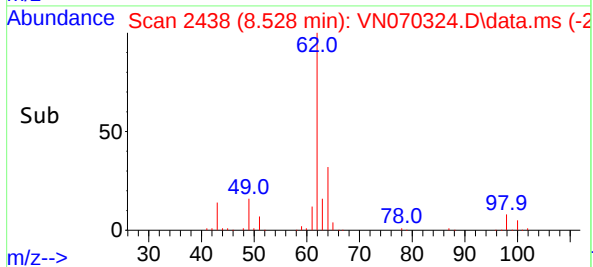
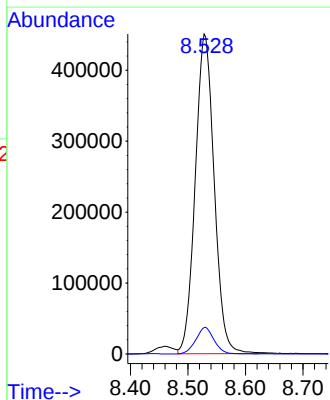
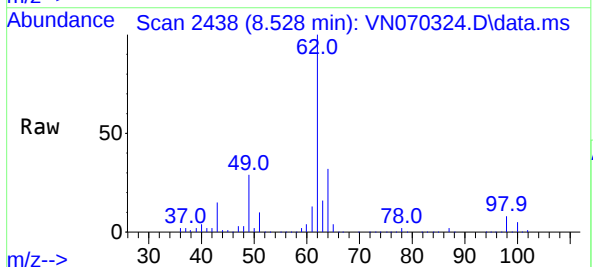
APPROVED

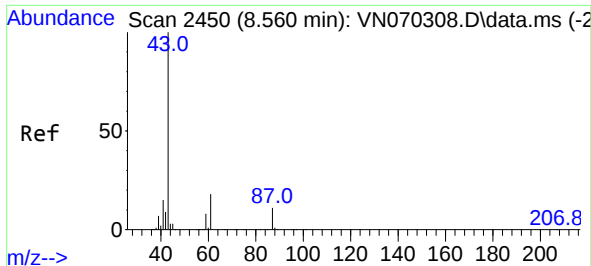
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#42
1,2-Dichloroethane
Concen: 48.573 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

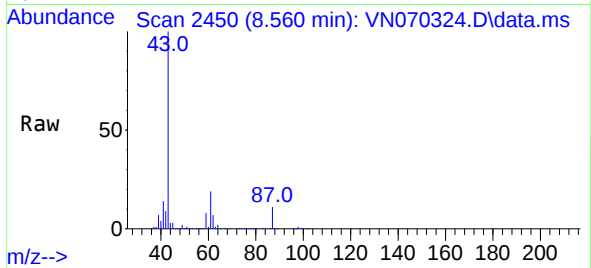
Tgt Ion: 62 Resp: 1030488
Ion Ratio Lower Upper
62 100
98 8.0 0.0 17.6





#43
Isopropyl Acetate
Concen: 48.785 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

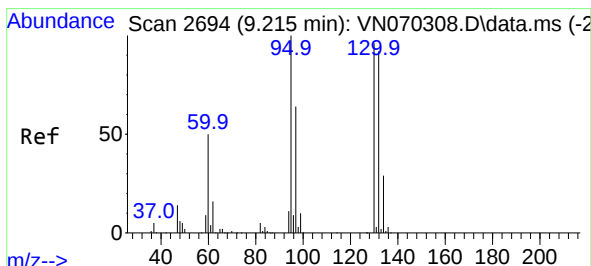
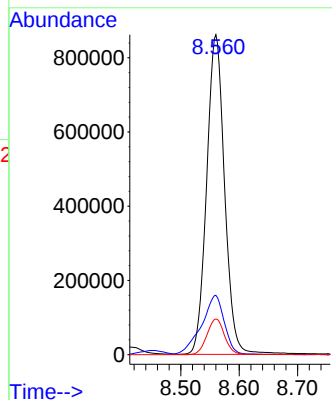
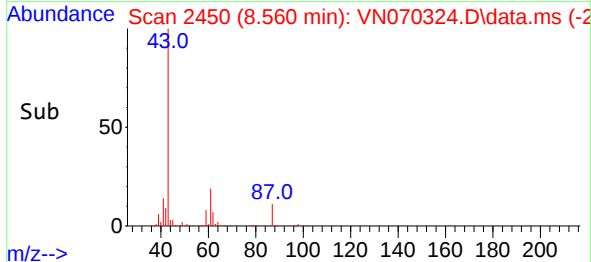
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1835494
Ion Ratio Lower Upper
43 100
61 23.4 20.4 30.6
87 11.0 11.2 16.8

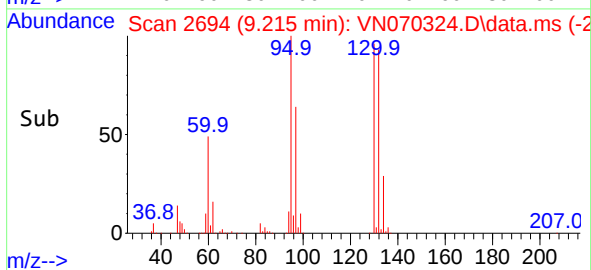
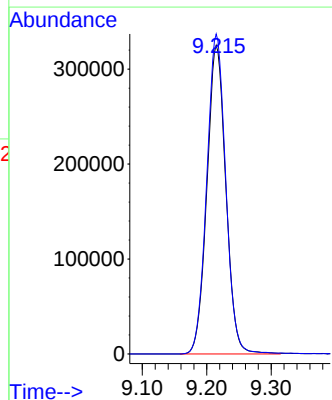
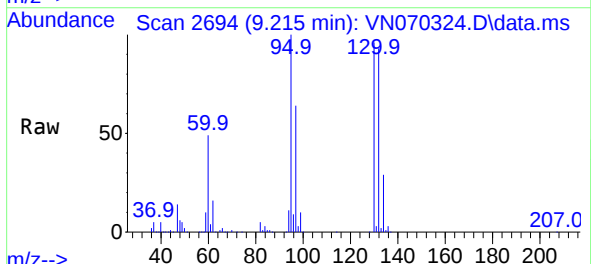
Manual Integrations
APPROVED

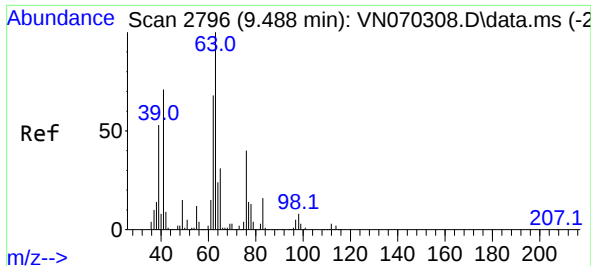
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#44
Trichloroethene
Concen: 49.518 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

Tgt Ion:130 Resp: 664099
Ion Ratio Lower Upper
130 100
95 103.7 0.0 191.2





#45

1,2-Dichloropropane

Concen: 50.306 ug/l

RT: 9.488 min Scan# 2796

Delta R.T. 0.000 min

Lab File: VN070324.D

Acq: 28 Dec 2021 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 76449

Ion Ratio Lower Upper

63 100

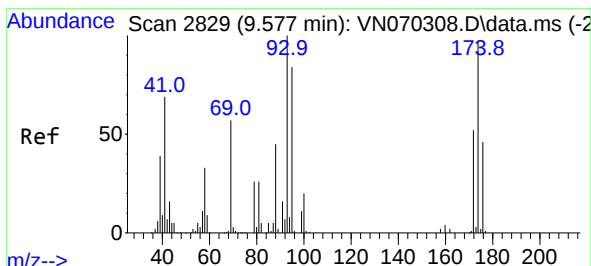
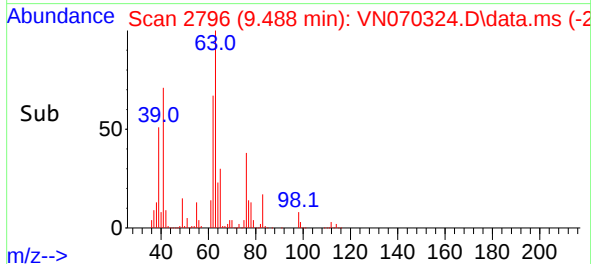
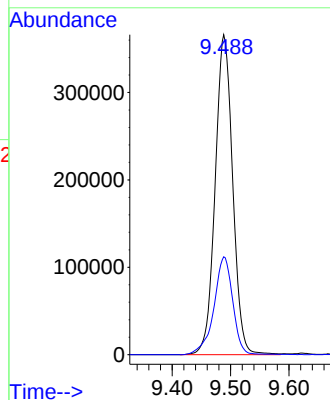
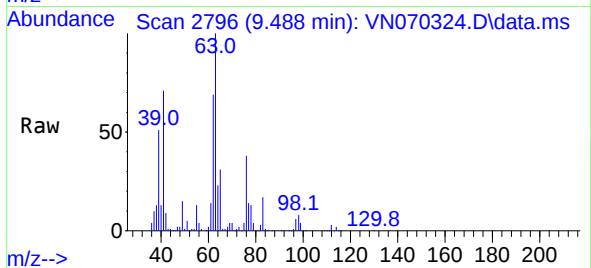
65 30.6 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2021

Supervised By :Mahesh Dadoda 12/30/2021



#46

Dibromomethane

Concen: 49.593 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN070324.D

Acq: 28 Dec 2021 10:25

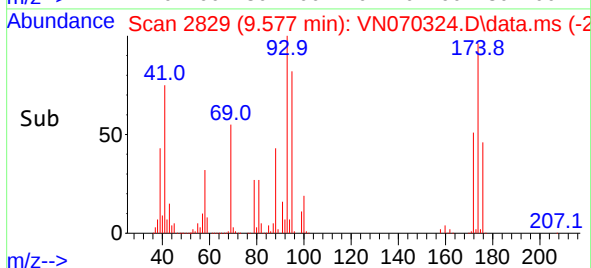
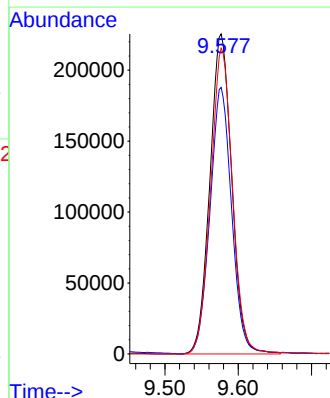
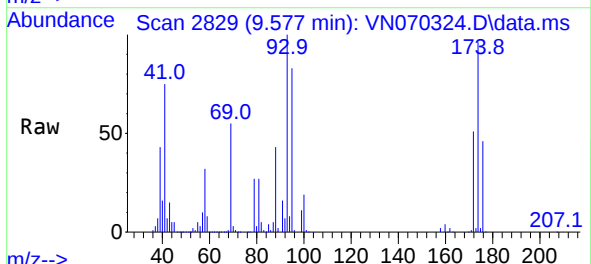
Tgt Ion: 93 Resp: 468638

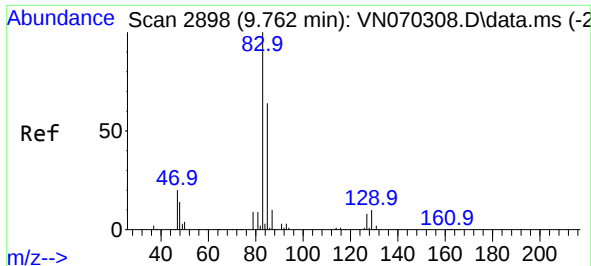
Ion Ratio Lower Upper

93 100

95 82.5 65.9 98.9

174 95.6 84.6 127.0





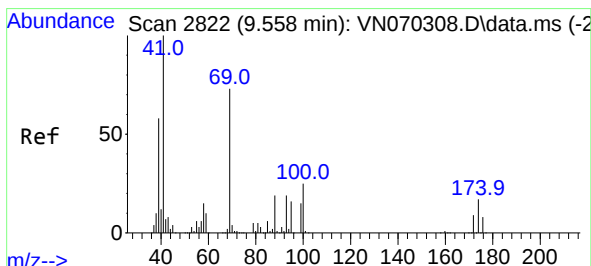
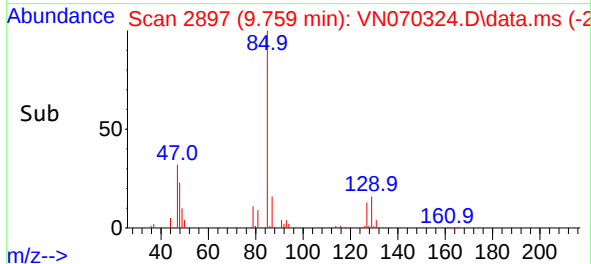
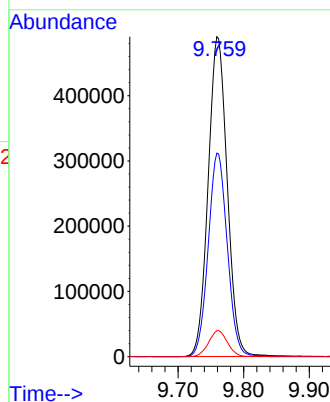
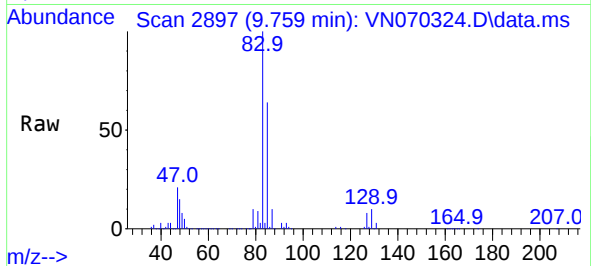
#47
Bromodichloromethane
Concen: 52.742 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. -0.003 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 989630
Ion Ratio Lower Upper
83 100
85 63.6 50.9 76.3
127 8.1 7.1 10.7

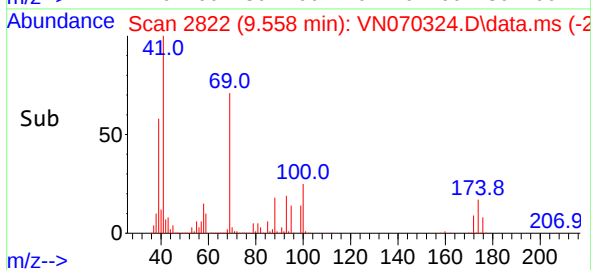
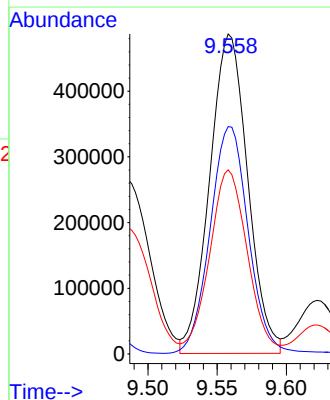
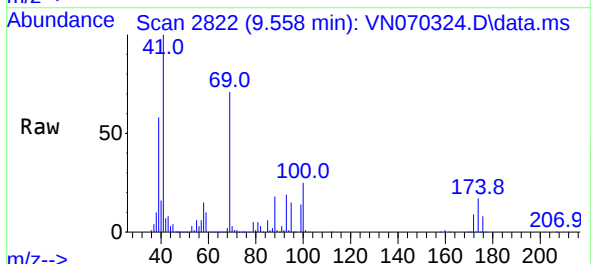
Manual Integrations
APPROVED

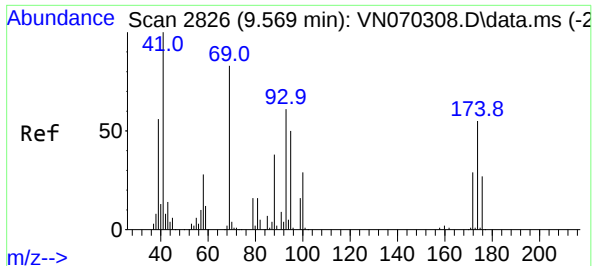
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#48
Methyl methacrylate
Concen: 51.864 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

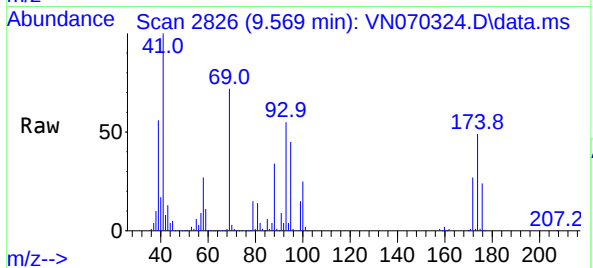
Tgt Ion: 41 Resp: 930772
Ion Ratio Lower Upper
41 100
69 71.7 72.4 108.6#
39 52.3 58.4 87.6#





#49
1,4-Dioxane
Concen: 960.775 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

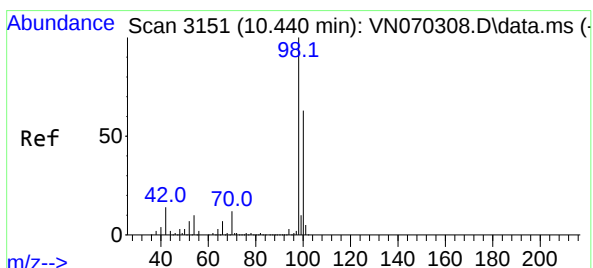
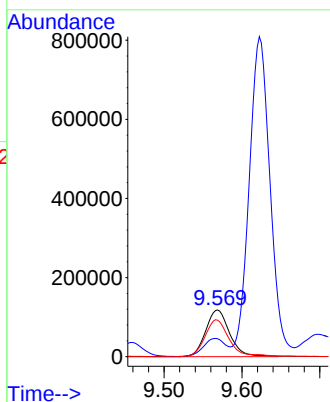
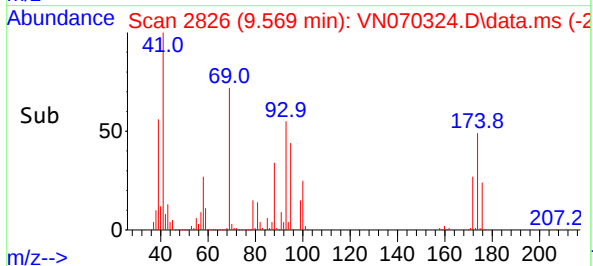
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 252397
Ion Ratio Lower Upper
88 100
43 35.7 23.4 35.2
58 81.2 50.6 75.8

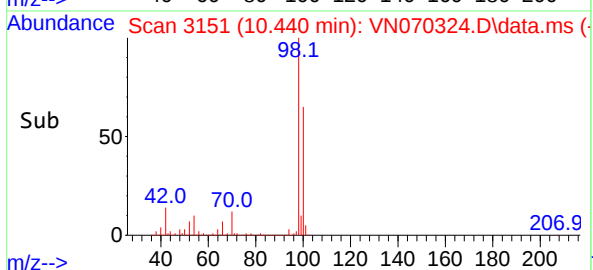
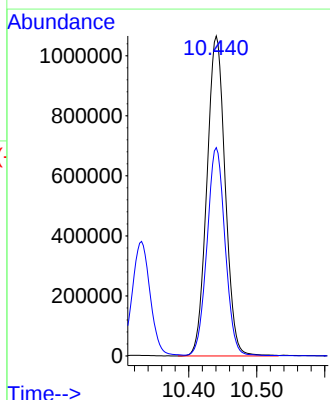
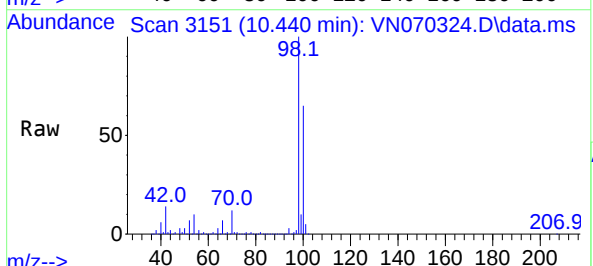
Manual Integrations
APPROVED

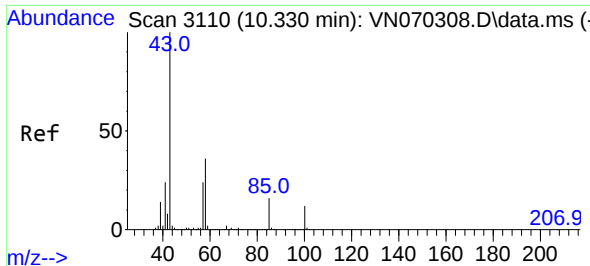
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#50
Toluene-d8
Concen: 43.868 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

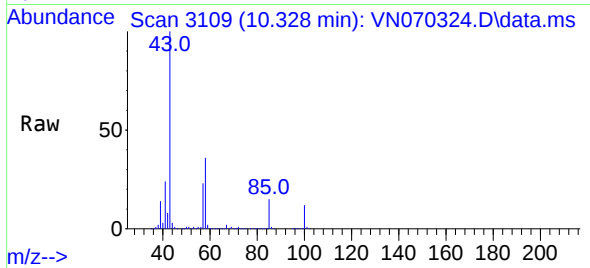
Tgt Ion: 98 Resp: 1994402
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 245.173 ug/l
RT: 10.328 min Scan# 3110
Delta R.T. -0.002 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

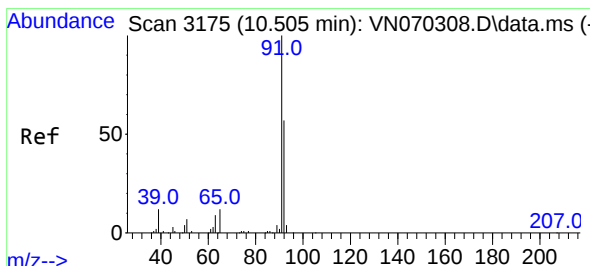
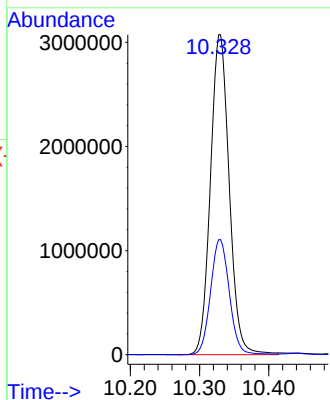
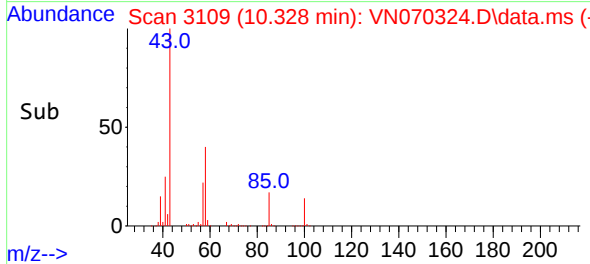
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 5796264
Ion Ratio Lower Upper
43 100
58 36.0 30.4 45.6

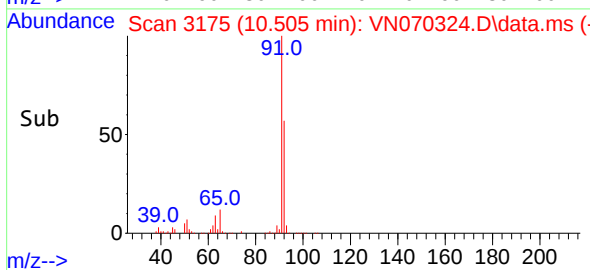
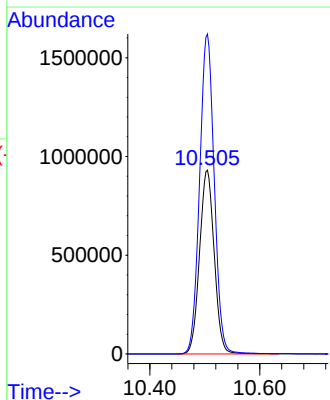
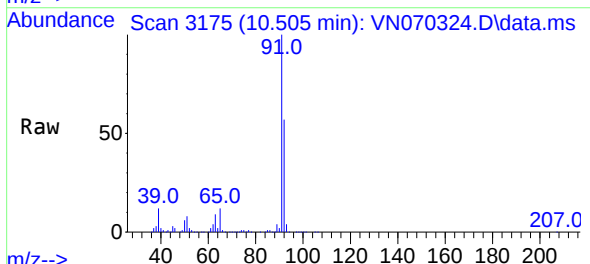
Manual Integrations
APPROVED

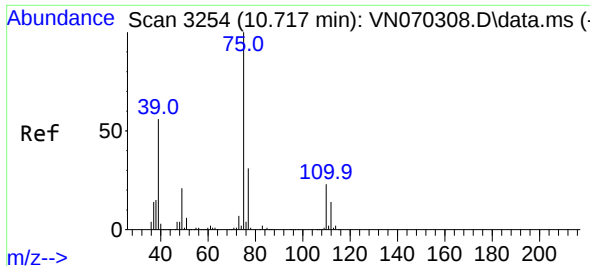
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#52
Toluene
Concen: 50.284 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

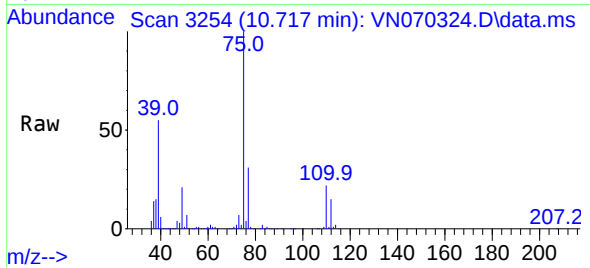
Tgt Ion: 92 Resp: 1717894
Ion Ratio Lower Upper
92 100
91 174.0 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 53.362 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

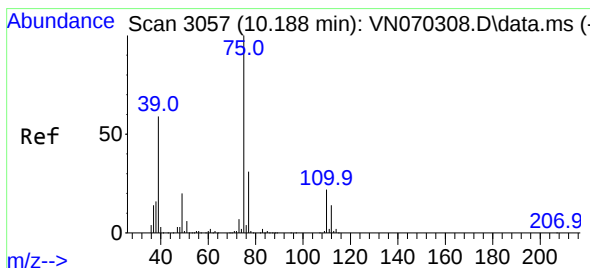
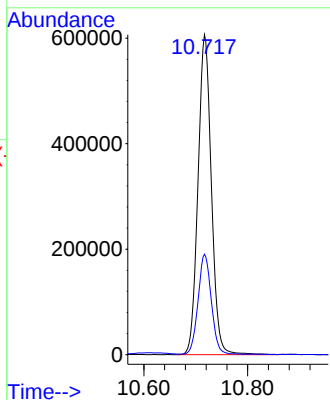
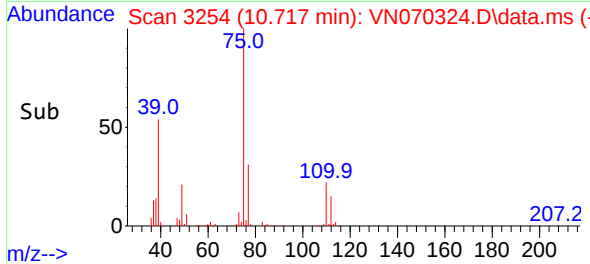
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



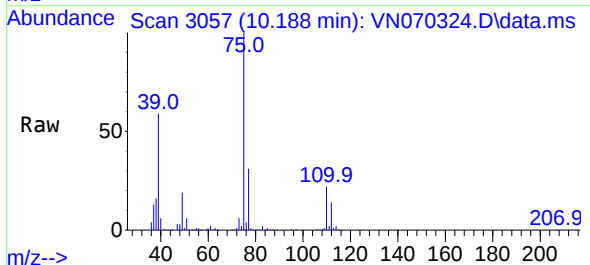
Tgt Ion: 75 Resp: 108393
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4

Manual Integrations
APPROVED

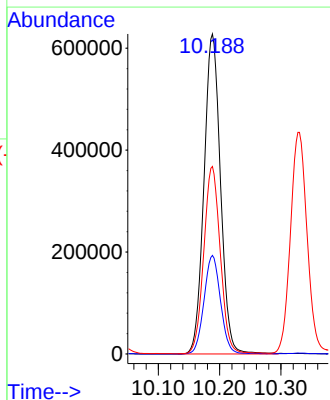
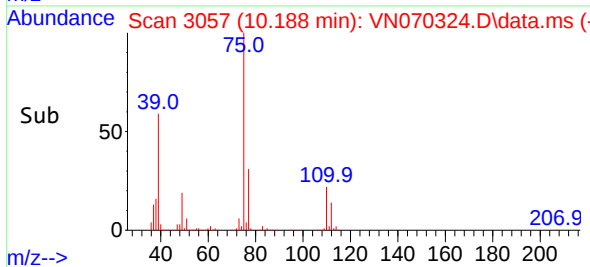
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

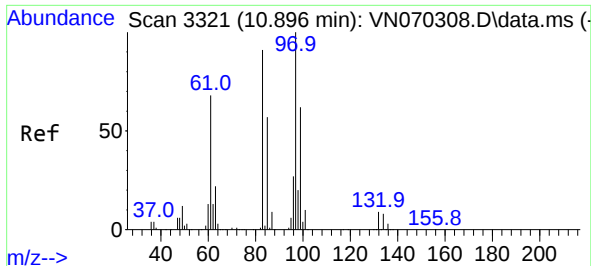


#54
cis-1,3-Dichloropropene
Concen: 53.576 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25



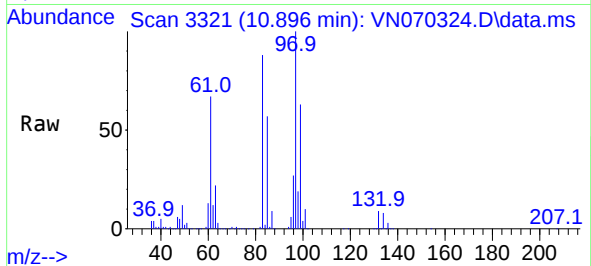
Tgt Ion: 75 Resp: 1177261
Ion Ratio Lower Upper
75 100
77 30.8 26.4 39.6
39 58.5 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 49.663 ug/l
RT: 10.896 min Scan# 3321
Delta R.T. 0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

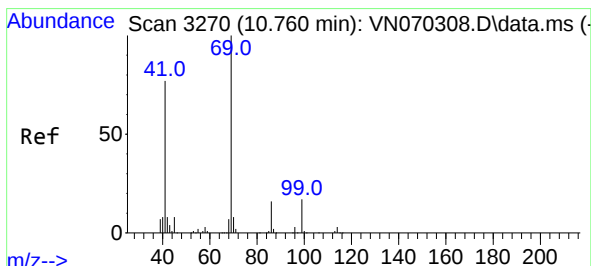
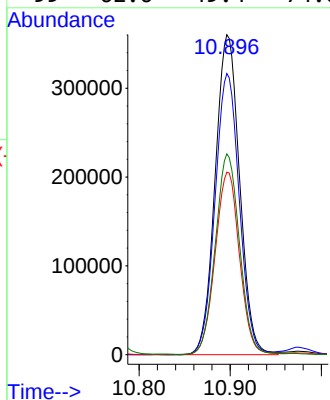
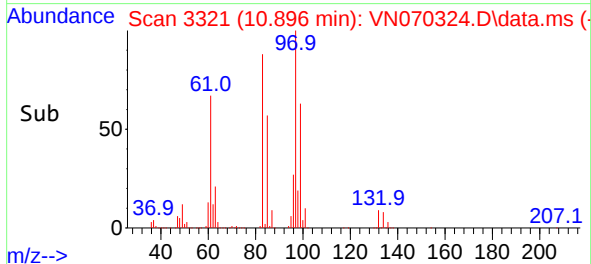
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



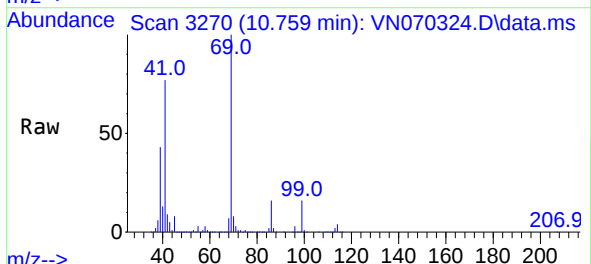
Tgt Ion: 97 Resp: 671308
Ion Ratio Lower Upper
97 100
83 87.9 67.8 101.6
85 57.0 45.4 68.2
99 62.6 49.4 74.0

Manual Integrations
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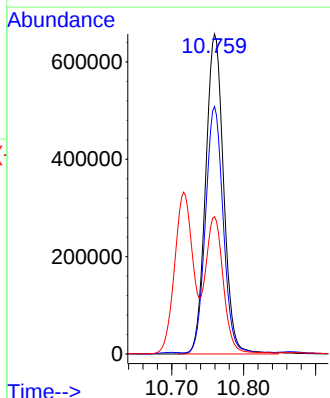
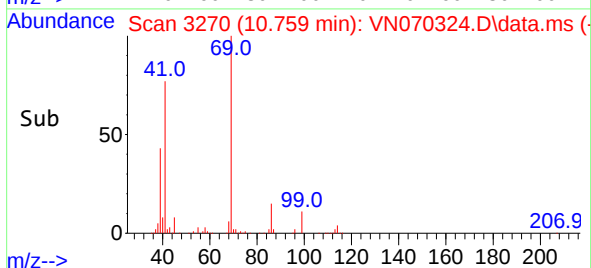
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

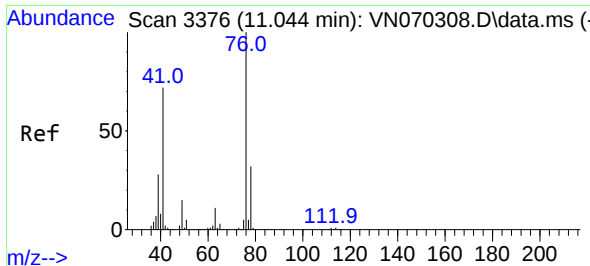


#56
Ethyl methacrylate
Concen: 51.225 ug/l
RT: 10.759 min Scan# 3270
Delta R.T. -0.001 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25



Tgt Ion: 69 Resp: 1144120
Ion Ratio Lower Upper
69 100
41 75.8 51.4 77.0
39 40.8 34.6 52.0





#57

1,3-Dichloropropane

Concen: 49.585 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN070324.D

Acq: 28 Dec 2021 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 118549

Ion Ratio Lower Upper

76 100

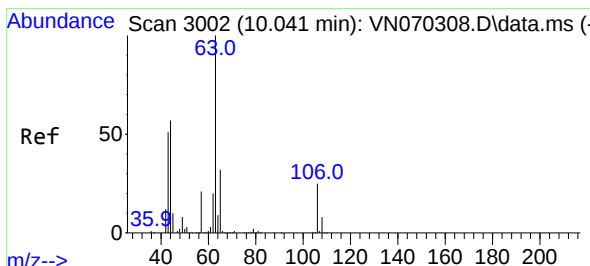
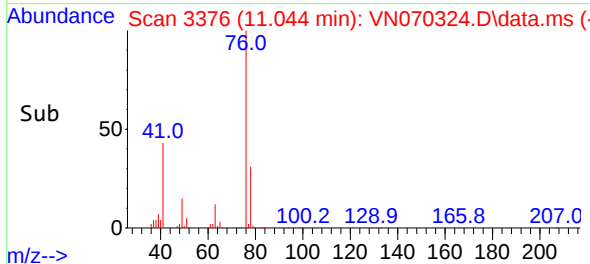
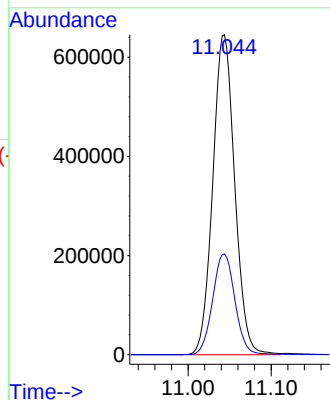
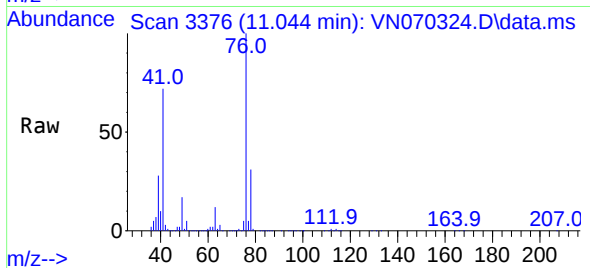
78 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/29/2021

Supervised By :Mahesh Dadoda 12/30/2021



#58

2-Chloroethyl Vinyl ether

Concen: 207.001 ug/l

RT: 10.038 min Scan# 3001

Delta R.T. -0.003 min

Lab File: VN070324.D

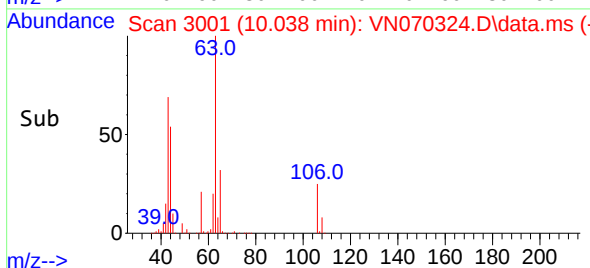
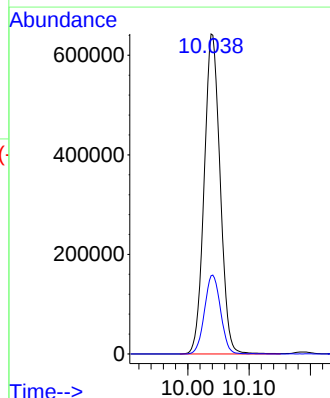
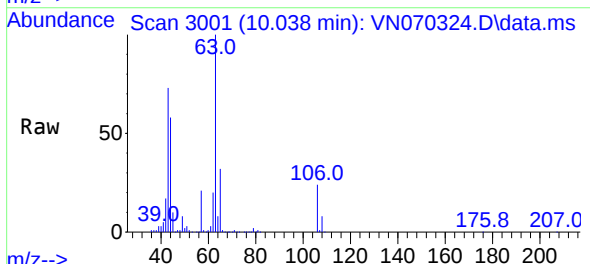
Acq: 28 Dec 2021 10:25

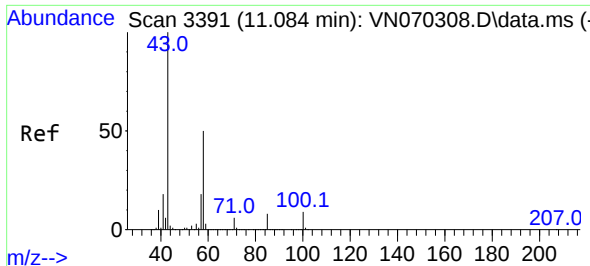
Tgt Ion: 63 Resp: 1161339

Ion Ratio Lower Upper

63 100

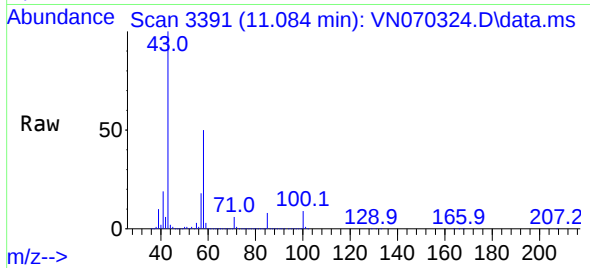
106 24.8 23.9 35.9





#59
2-Hexanone
Concen: 253.278 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. -0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

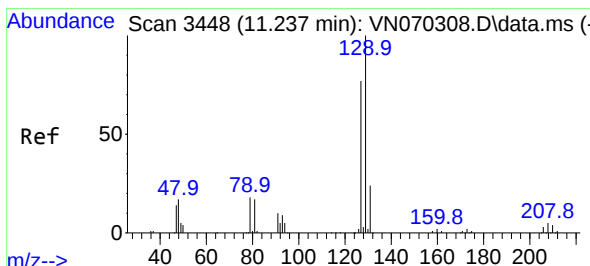
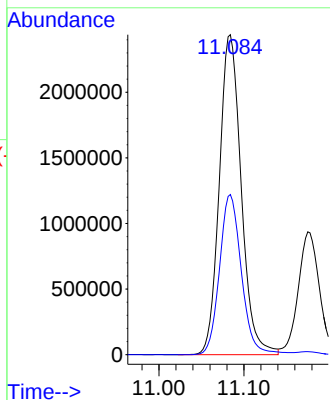
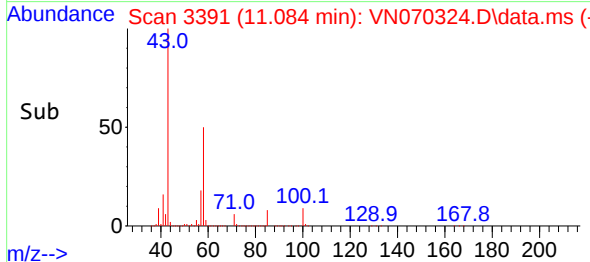
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 4366639
Ion Ratio Lower Upper
43 100
58 50.0 26.9 80.7

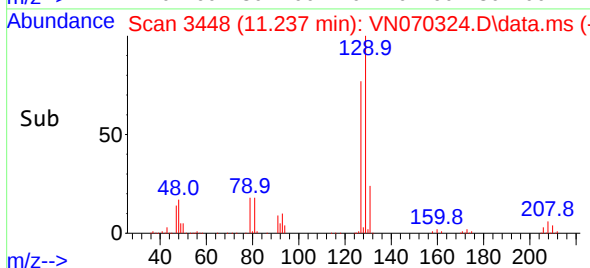
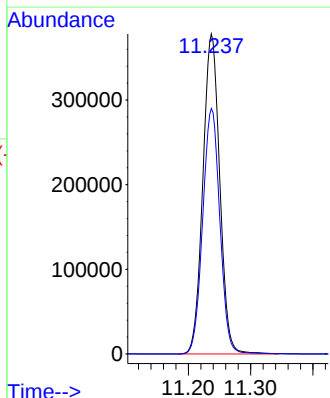
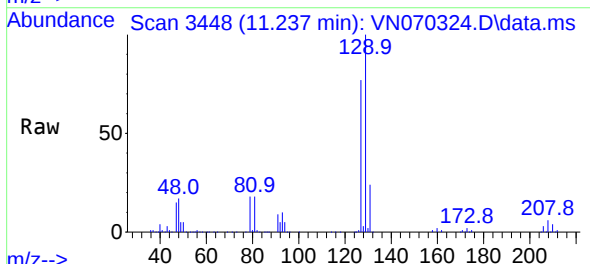
Manual Integrations
APPROVED

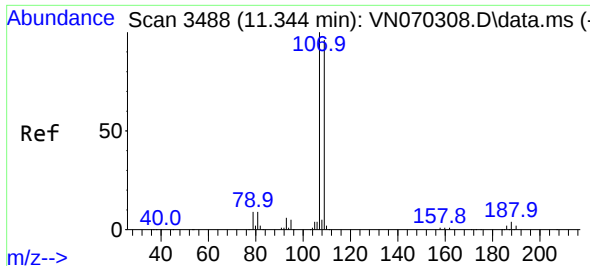
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#60
Dibromochloromethane
Concen: 53.915 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

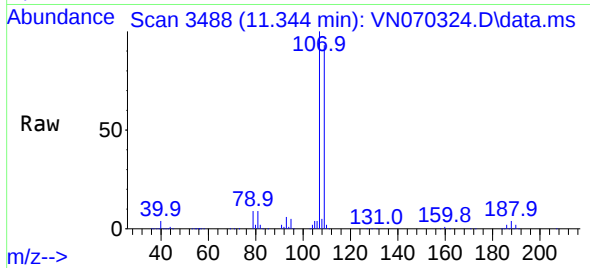
Tgt Ion:129 Resp: 711065
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 49.846 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. 0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

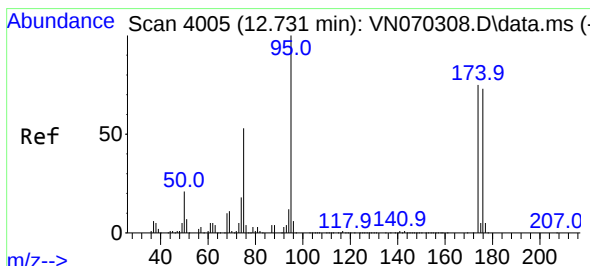
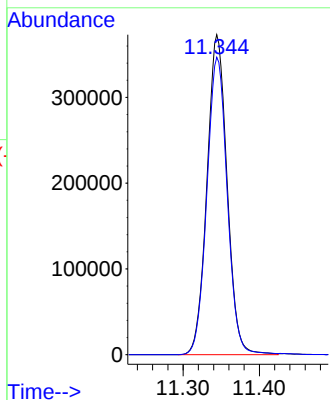
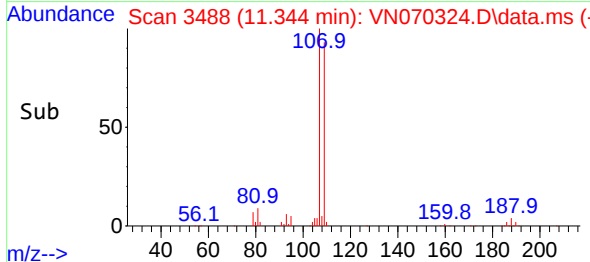
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



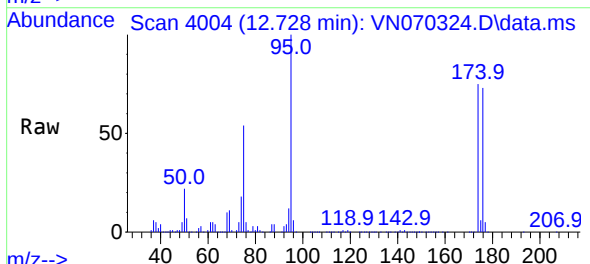
Tgt Ion:107 Resp: 68414
Ion Ratio Lower Upper
107 100
109 94.5 75.7 113.5

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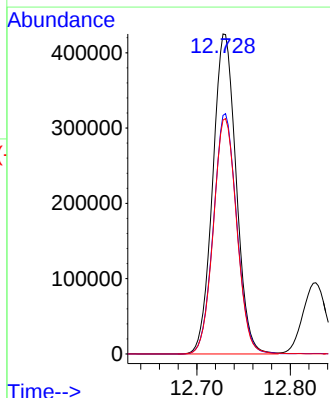
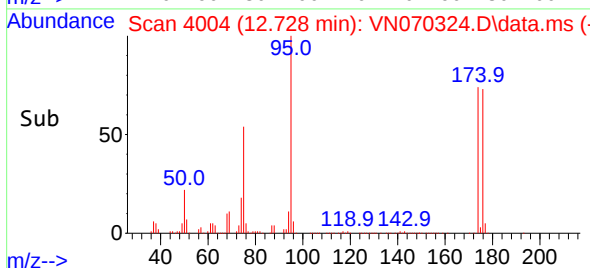
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

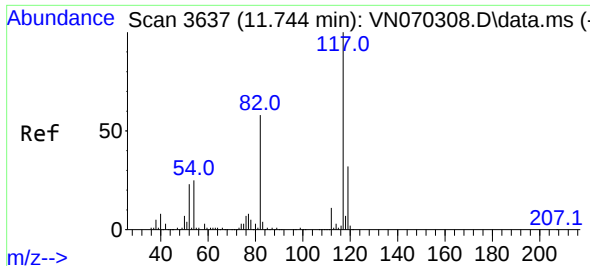


#62
4-Bromofluorobenzene
Concen: 45.093 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25



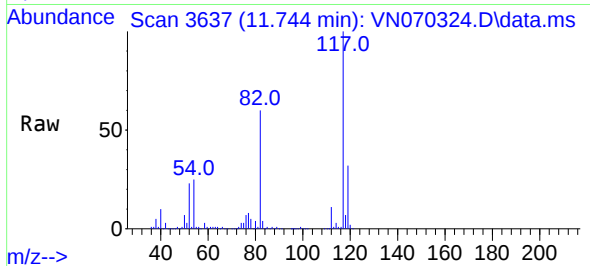
Tgt Ion: 95 Resp: 740451
Ion Ratio Lower Upper
95 100
174 74.7 0.0 187.2
176 73.6 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

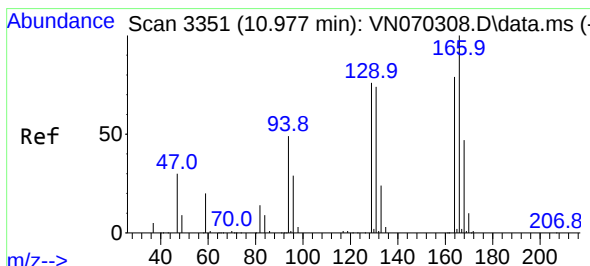
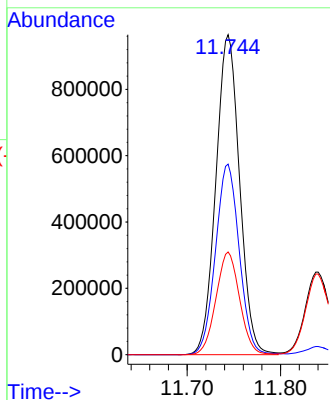
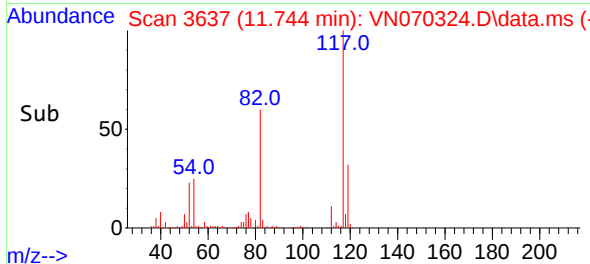
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



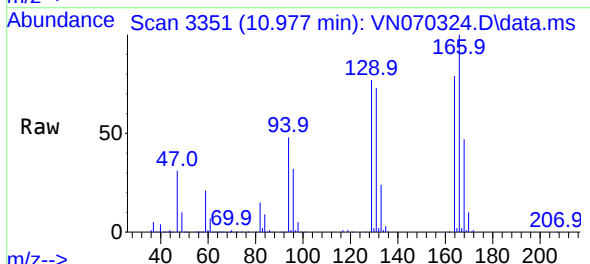
Tgt Ion:117 Resp: 1701810
Ion Ratio Lower Upper
117 100
82 59.5 42.4 63.6
119 32.1 25.4 38.2

Manual Integrations
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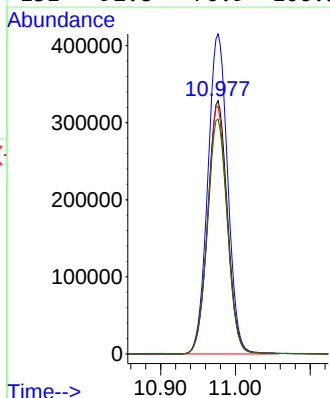
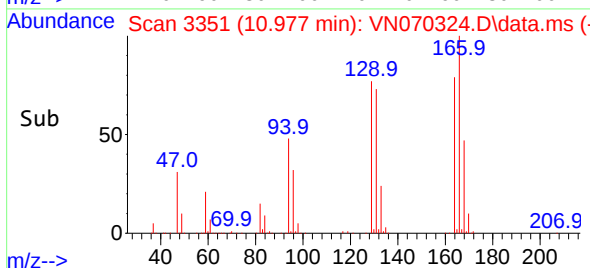
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

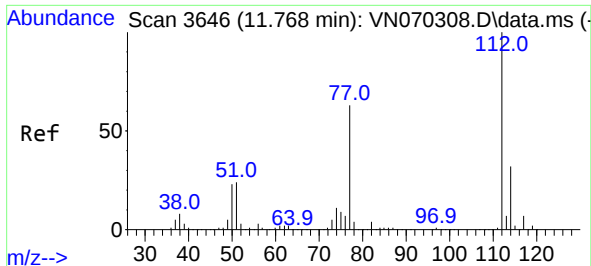


#64
Tetrachloroethene
Concen: 48.968 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25



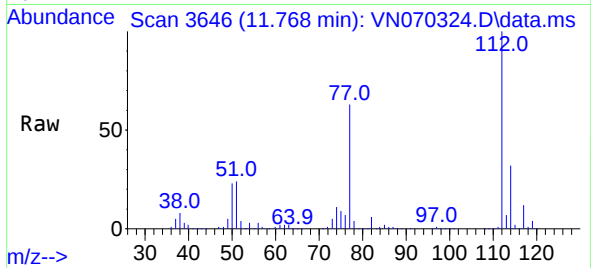
Tgt Ion:164 Resp: 603455
Ion Ratio Lower Upper
164 100
166 126.4 101.9 152.9
129 97.9 72.0 108.0
131 92.8 70.9 106.3





#65
Chlorobenzene
Concen: 49.864 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

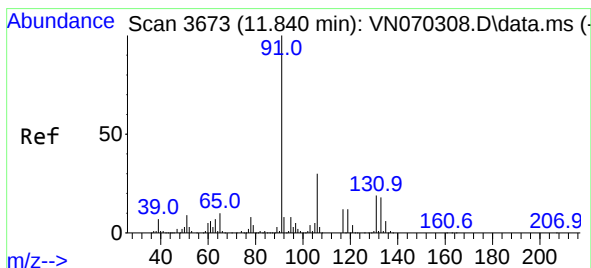
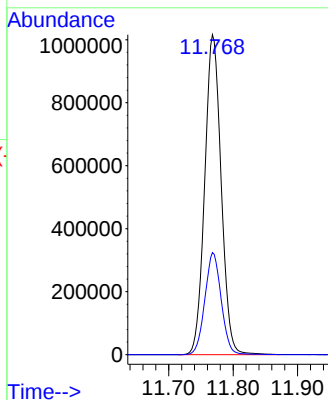
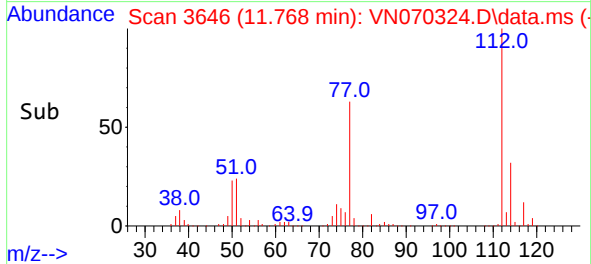
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



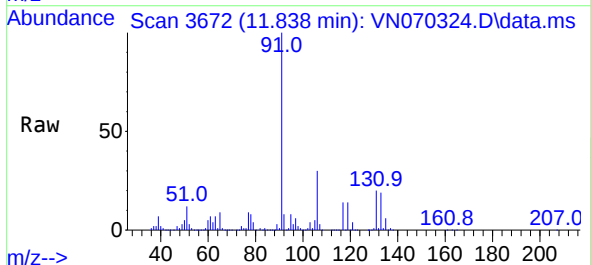
Tgt Ion:112 Resp: 1800550
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0

Manual Integrations
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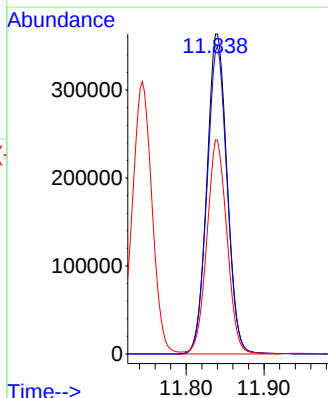
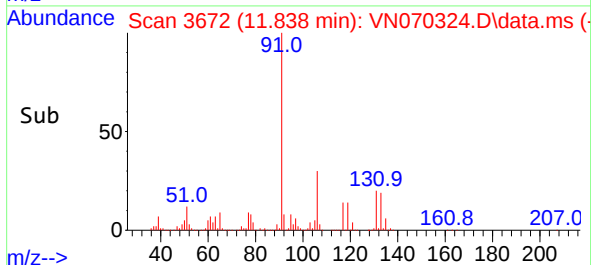
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

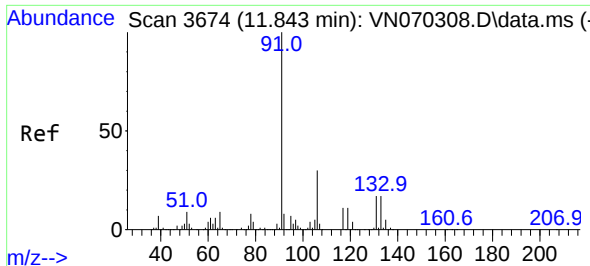


#66
1,1,1,2-Tetrachloroethane
Concen: 51.039 ug/l
RT: 11.838 min Scan# 3672
Delta R.T. -0.002 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25



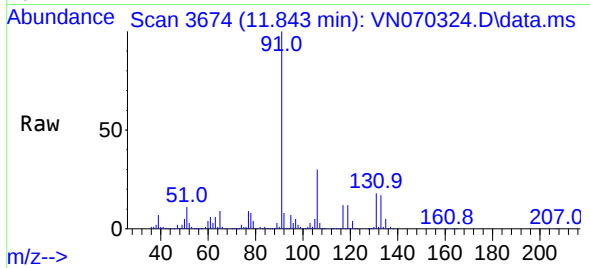
Tgt Ion:131 Resp: 657925
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.7
119 66.3 32.1 96.5





#67
Ethyl Benzene
Concen: 51.377 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

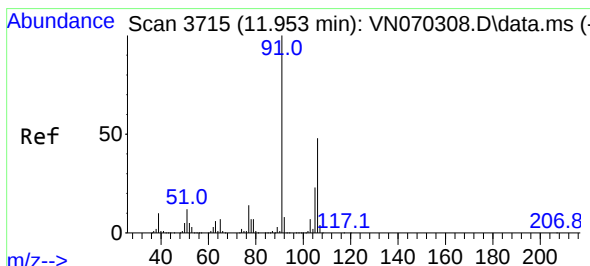
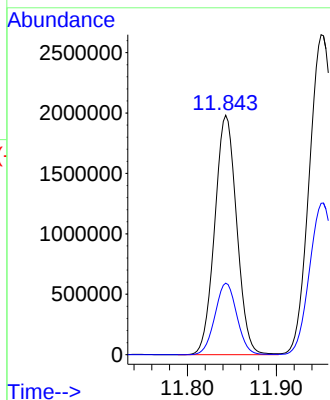
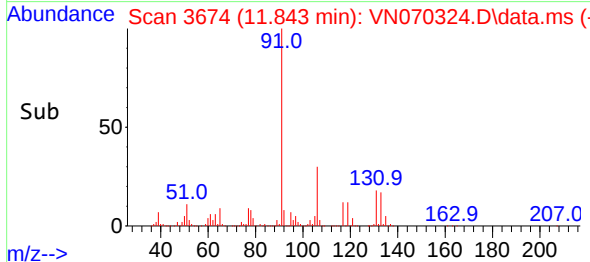
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



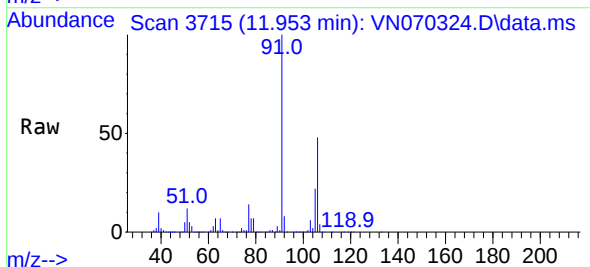
Tgt Ion: 91 Resp: 339908
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5

Manual Integrations
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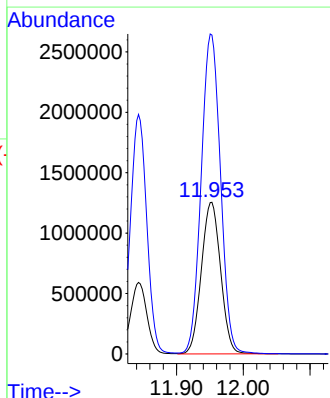
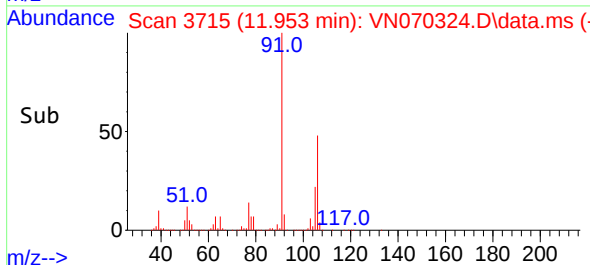
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

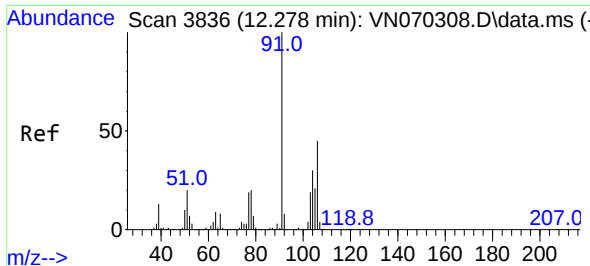


#68
m/p-Xylenes
Concen: 104.178 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25



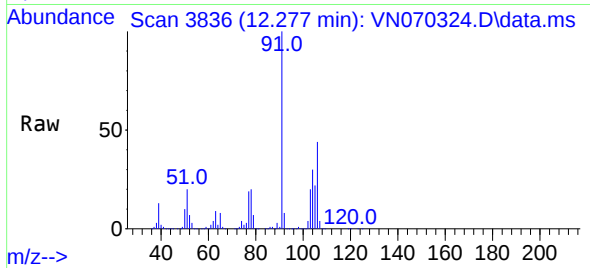
Tgt Ion:106 Resp: 2508865
Ion Ratio Lower Upper
106 100
91 211.8 160.6 240.8





#69
o-Xylene
Concen: 51.817 ug/l
RT: 12.277 min Scan# 3836
Delta R.T. -0.001 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

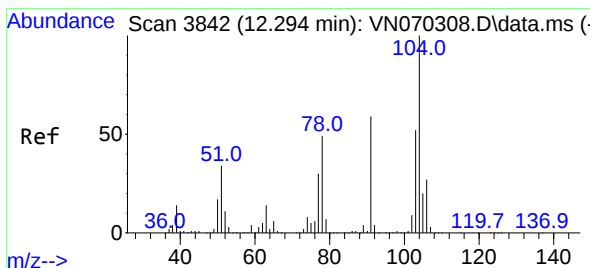
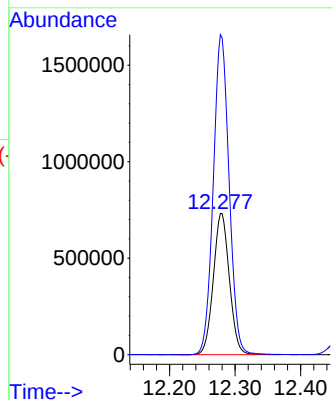
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 1241214
Ion Ratio Lower Upper
106 100
91 223.8 105.8 317.3

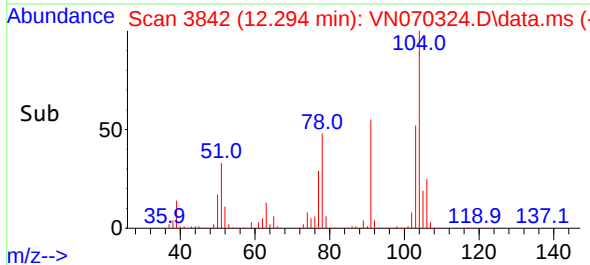
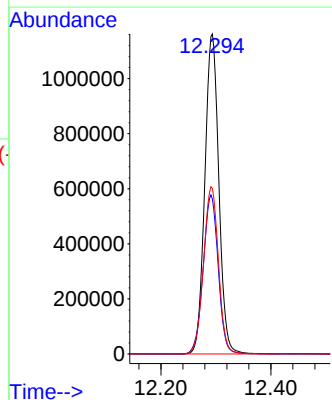
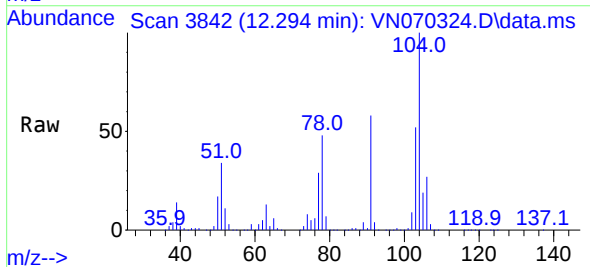
Manual Integrations
APPROVED

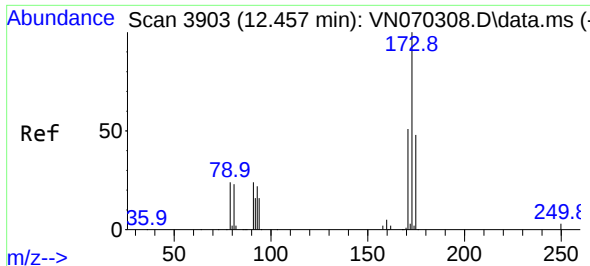
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#70
Styrene
Concen: 54.256 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

Tgt Ion:104 Resp: 2056966
Ion Ratio Lower Upper
104 100
78 53.2 38.7 58.1
103 55.7 45.0 67.6





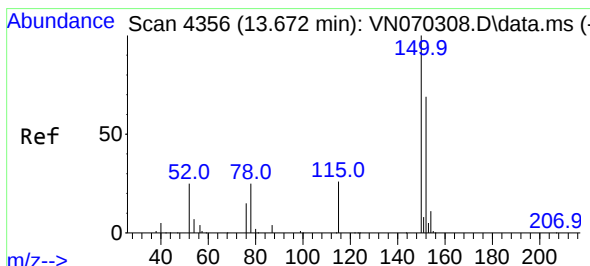
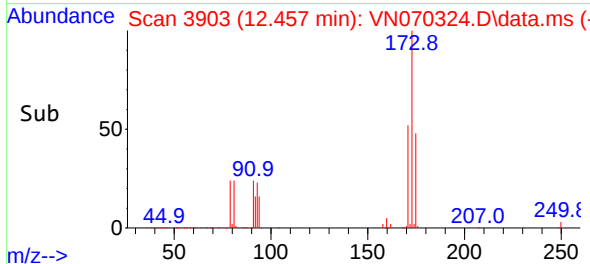
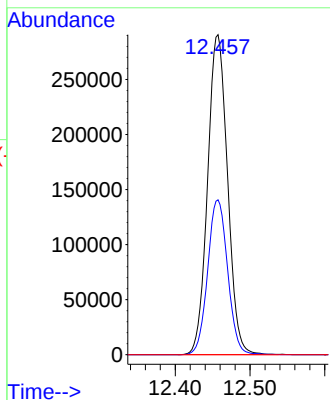
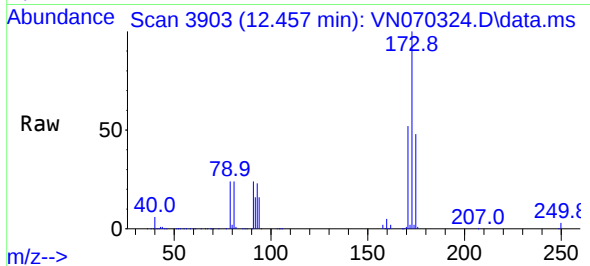
#71
Bromoform
Concen: 56.351 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. 0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 539110
Ion Ratio Lower Upper
173 100
175 48.5 24.2 72.6
254 0.0 0.0 0.0

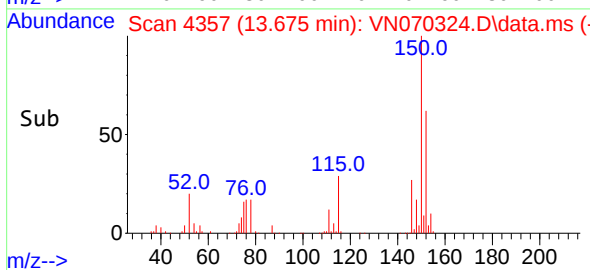
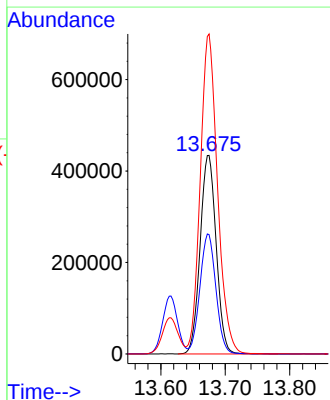
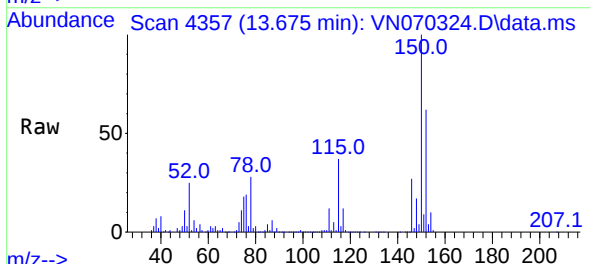
Manual Integrations
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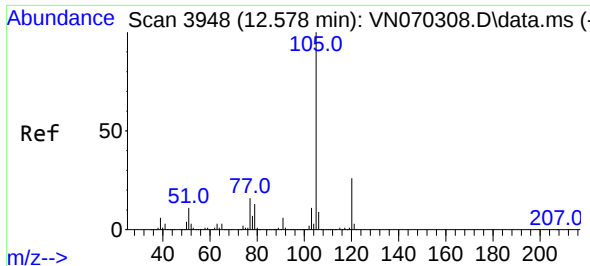
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

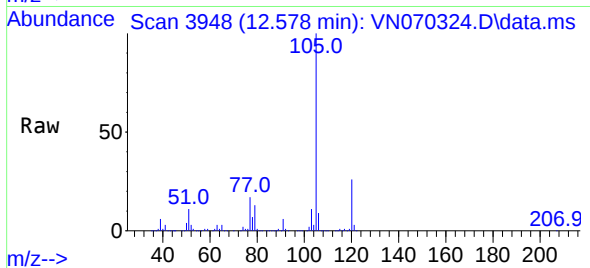
Tgt Ion:152 Resp: 750685
Ion Ratio Lower Upper
152 100
115 60.1 27.5 82.5
150 173.1 0.0 344.4





#73
Isopropylbenzene
Concen: 46.867 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

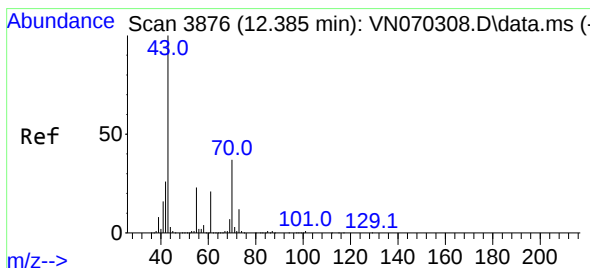
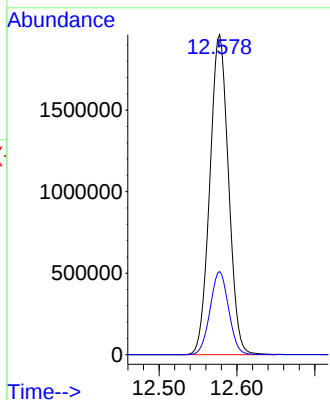
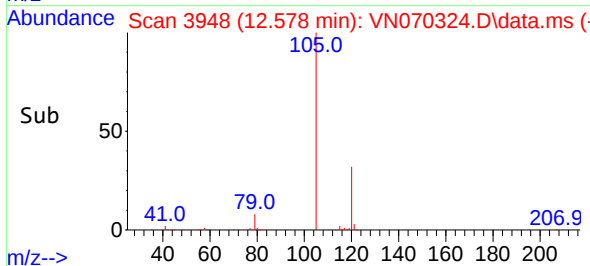
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



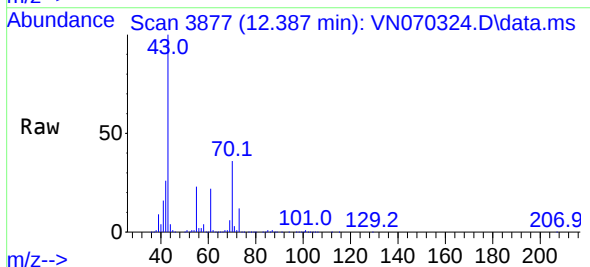
Tgt Ion:105 Resp: 326722
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1

Manual Integrations
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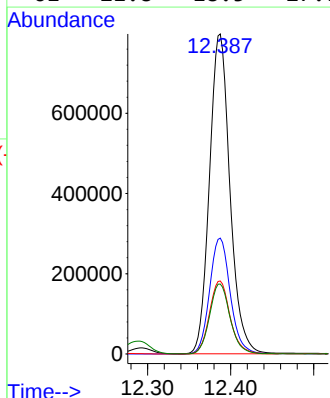
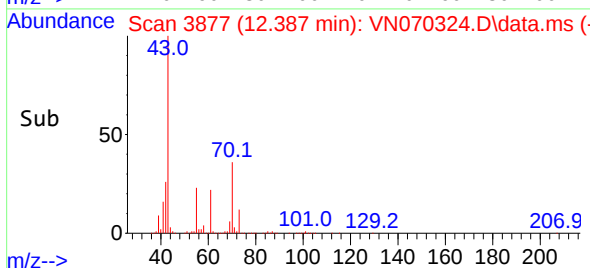
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

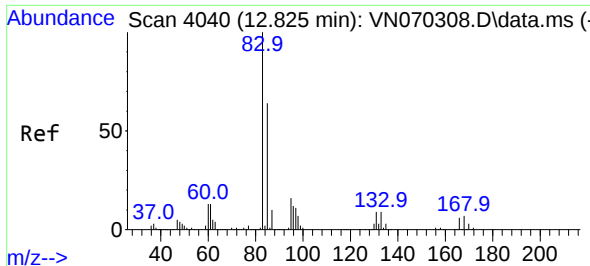


#74
N-ethyl acetate
Concen: 46.561 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.002 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25



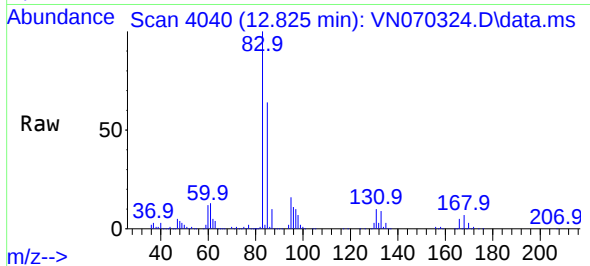
Tgt Ion: 43 Resp: 1364777
Ion Ratio Lower Upper
43 100
70 36.7 33.4 50.0
55 23.1 19.3 28.9
61 21.8 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 44.534 ug/l
RT: 12.825 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

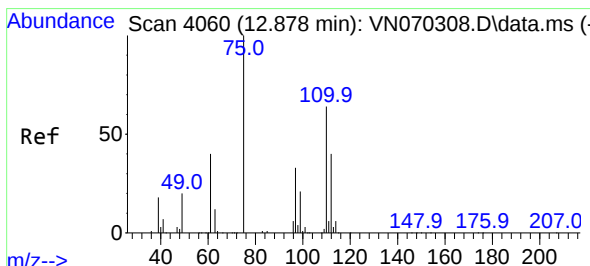
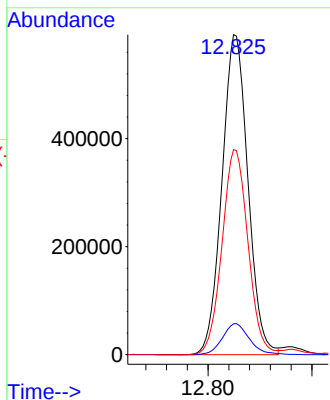
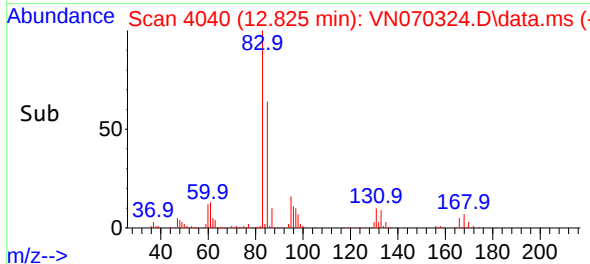
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



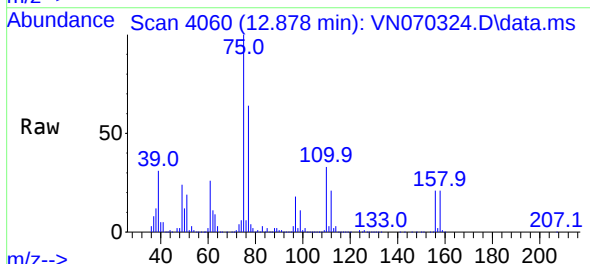
Tgt Ion: 83 Resp: 1028972
Ion Ratio Lower Upper
83 100
131 10.1 5.5 16.5
85 63.9 32.4 97.2

Manual Integrations
APPROVED

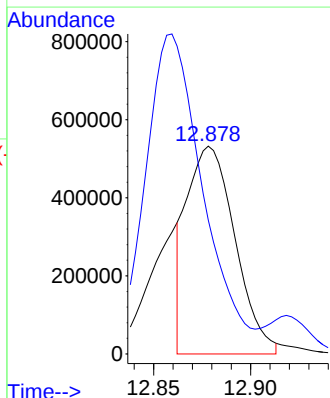
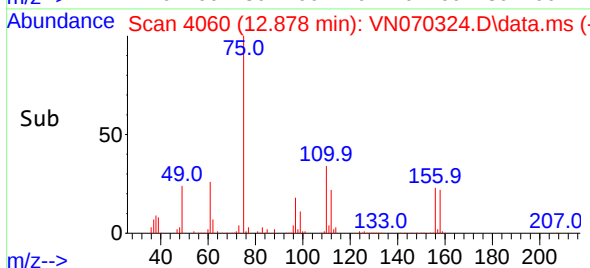
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

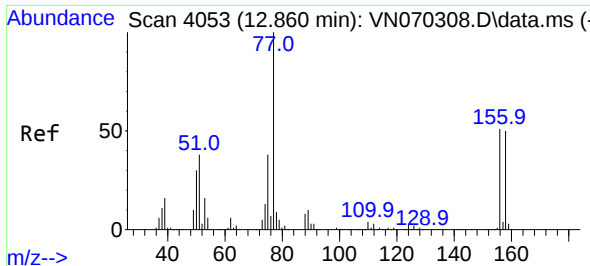


#76
1,2,3-Trichloropropane
Concen: 41.709 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. 0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25



Tgt Ion: 75 Resp: 916293
Ion Ratio Lower Upper
75 100
77 184.9 82.6 247.8





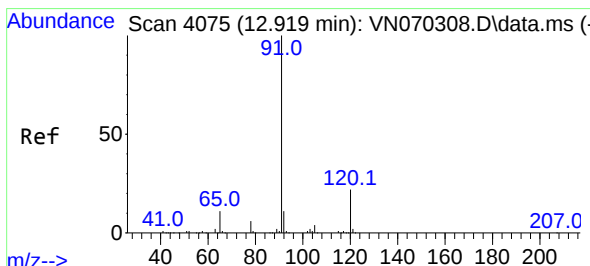
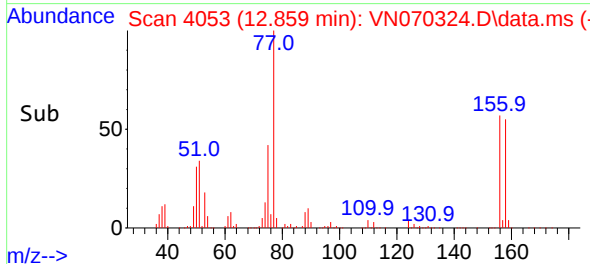
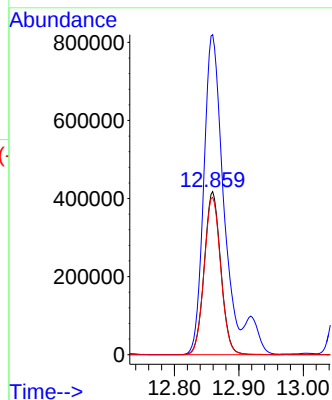
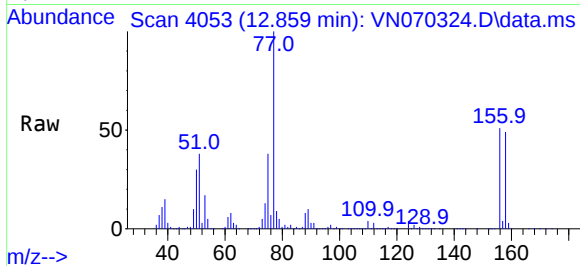
#77
Bromobenzene
Concen: 46.332 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.001 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 741530
Ion Ratio Lower Upper
156 100
77 228.5 90.6 271.8
158 97.5 48.9 146.7

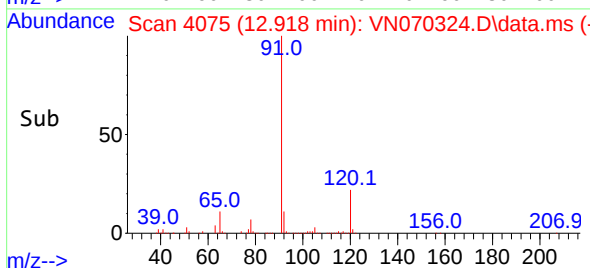
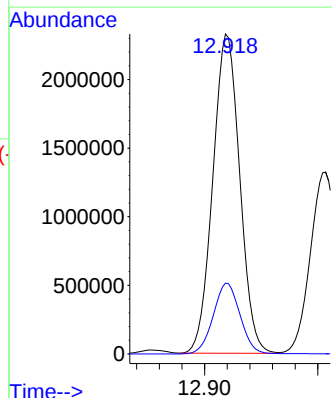
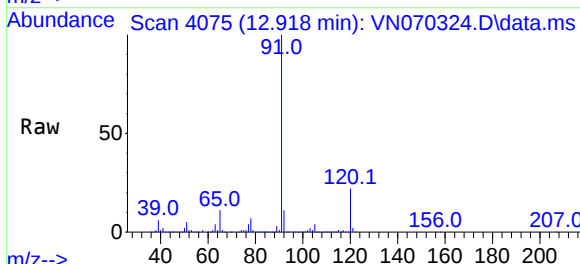
Manual Integrations
APPROVED

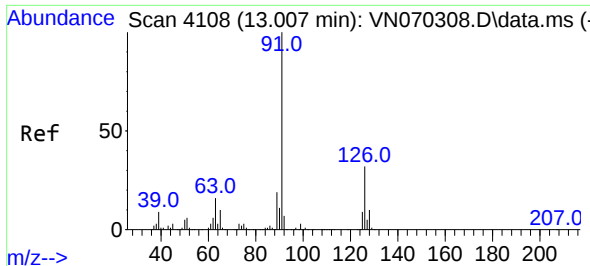
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#78
n-propylbenzene
Concen: 49.630 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.001 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

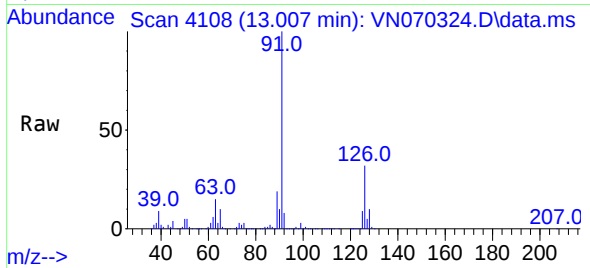
Tgt Ion: 91 Resp: 3833439
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9





#79
2-Chlorotoluene
Concen: 46.611 ug/l
RT: 13.007 min Scan# 4108
Delta R.T. -0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

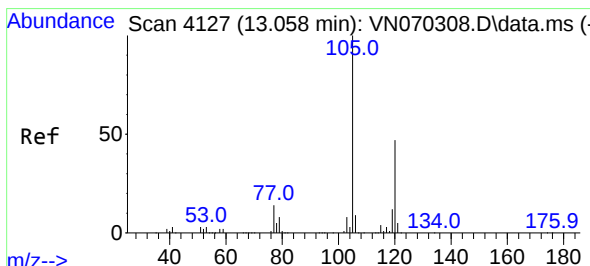
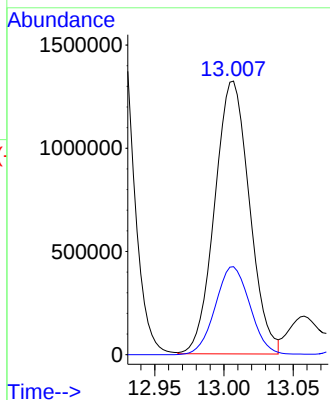
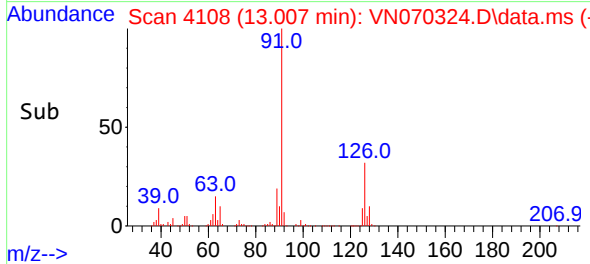
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



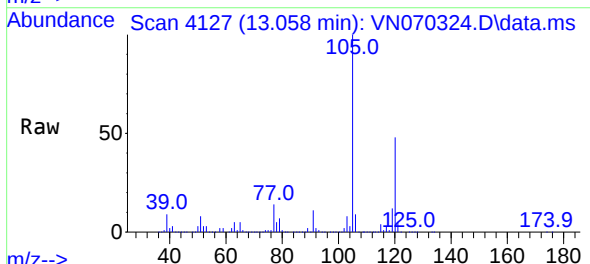
Tgt Ion: 91 Resp: 231002
Ion Ratio Lower Upper
91 100
126 32.3 18.3 54.8

Manual Integrations
APPROVED

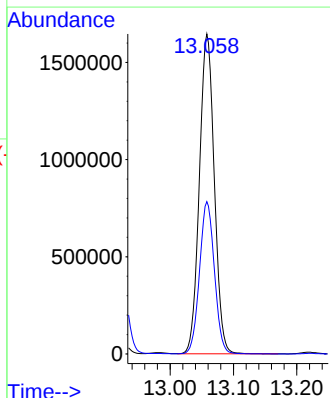
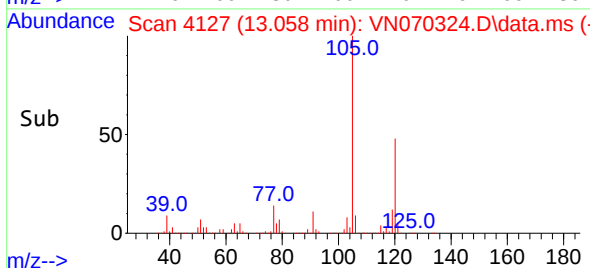
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

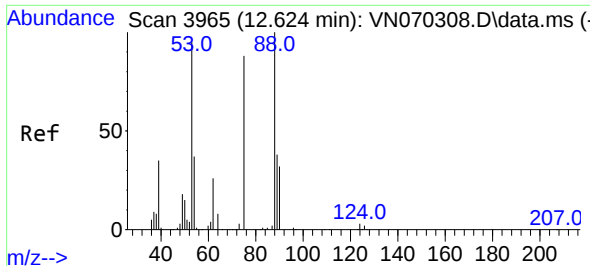


#80
1,3,5-Trimethylbenzene
Concen: 48.271 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25



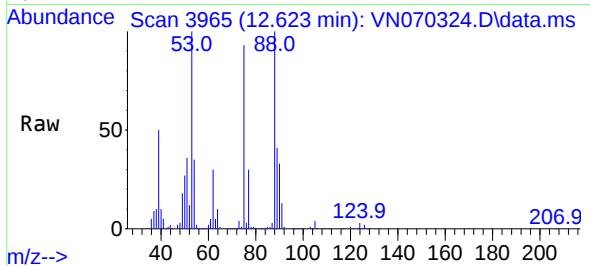
Tgt Ion:105 Resp: 2696614
Ion Ratio Lower Upper
105 100
120 47.4 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 52.114 ug/l
RT: 12.623 min Scan# 3965
Delta R.T. -0.001 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

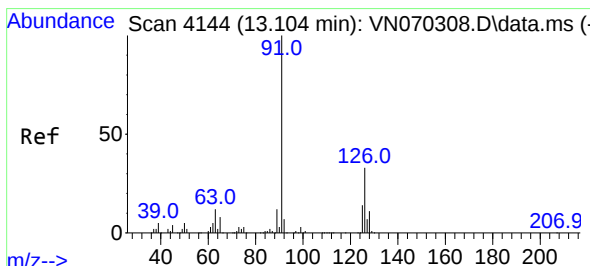
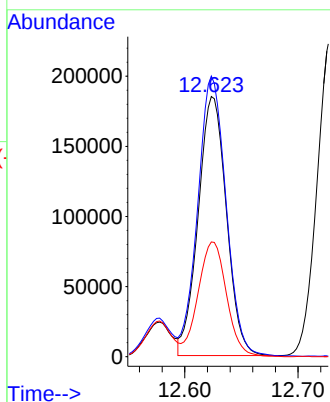
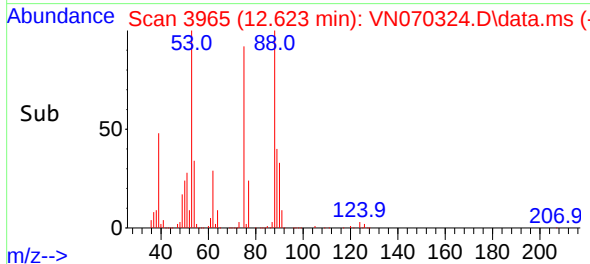
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



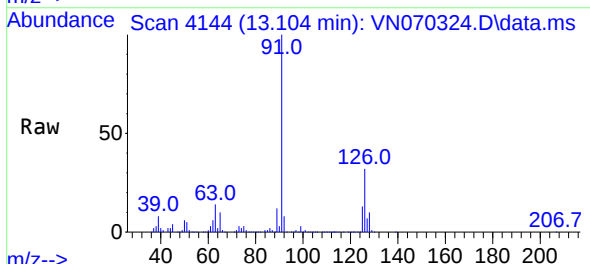
Tgt Ion: 75 Resp: 32020
Ion Ratio Lower Upper
75 100
53 108.2 90.5 135.7
89 44.5 38.2 57.4

Manual Integrations
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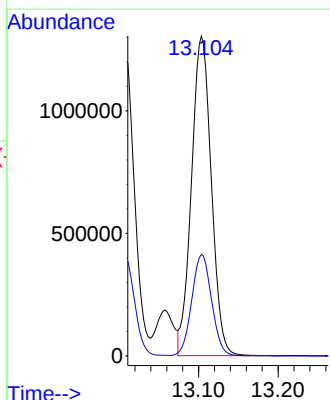
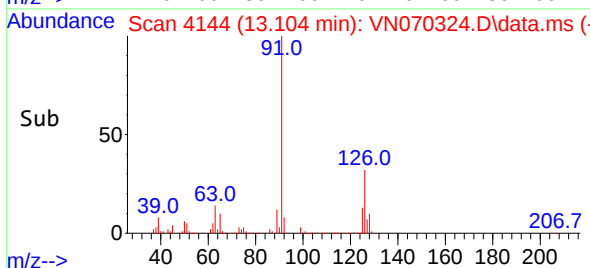
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

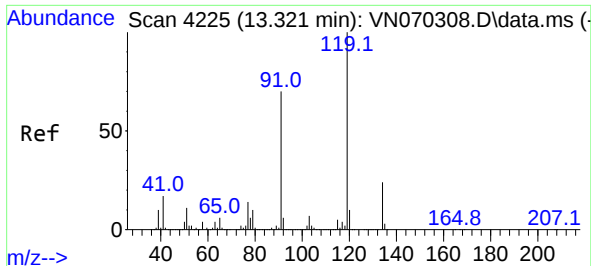


#82
4-Chlorotoluene
Concen: 48.538 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25



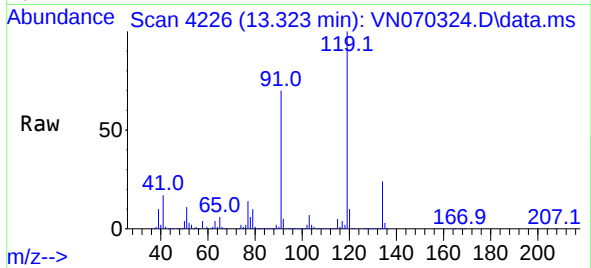
Tgt Ion: 91 Resp: 2253293
Ion Ratio Lower Upper
91 100
126 31.7 18.2 54.6





#83
tert-Butylbenzene
Concen: 47.160 ug/l
RT: 13.323 min Scan# 41
Delta R.T. 0.002 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

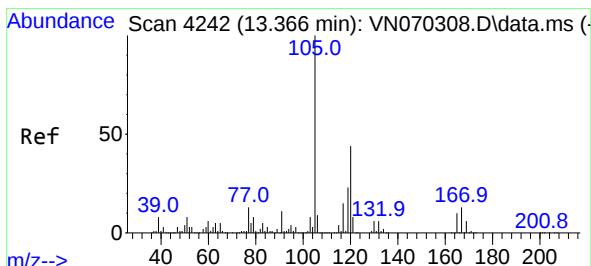
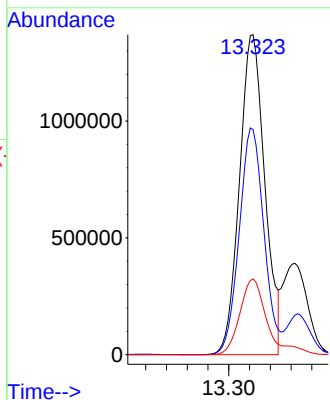
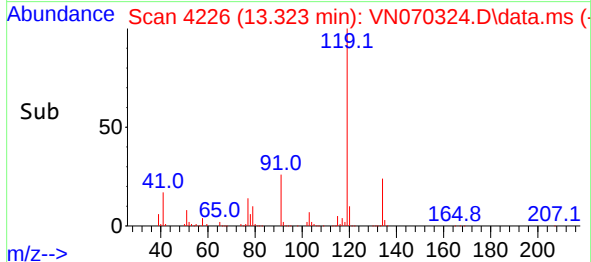
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



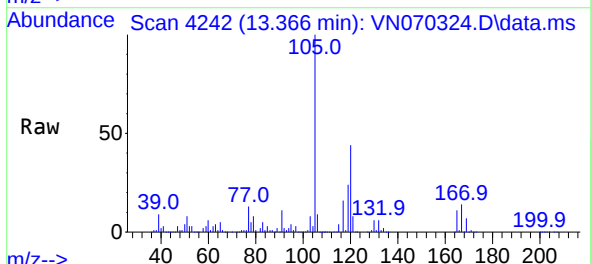
Tgt Ion:119 Resp: 231982
Ion Ratio Lower Upper
119 100
91 69.2 31.5 94.5
134 25.6 12.4 37.4

Manual Integrations
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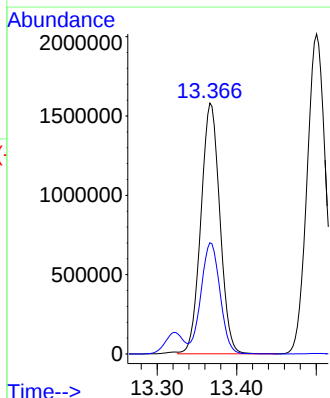
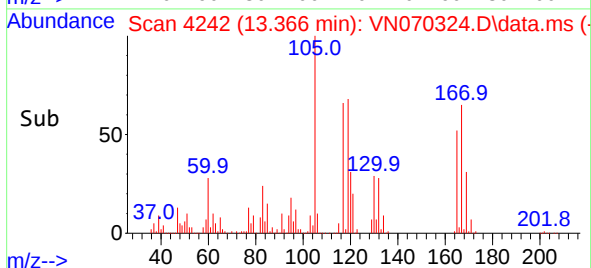
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

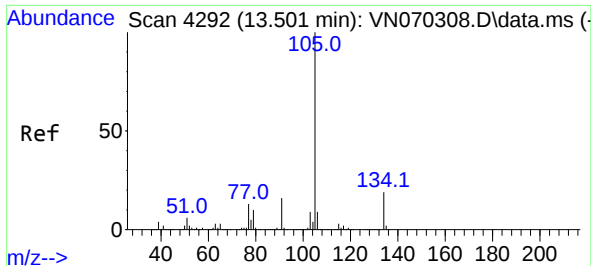


#84
1,2,4-Trimethylbenzene
Concen: 48.604 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. 0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25



Tgt Ion:105 Resp: 2614577
Ion Ratio Lower Upper
105 100
120 44.6 22.8 68.4





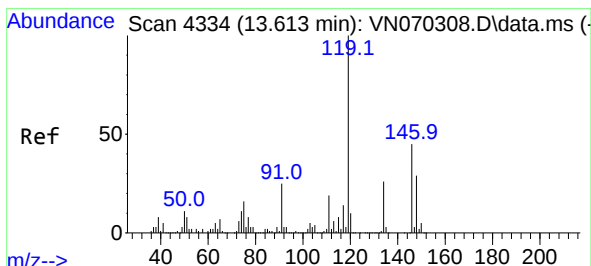
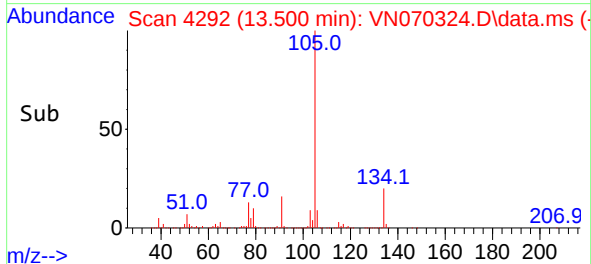
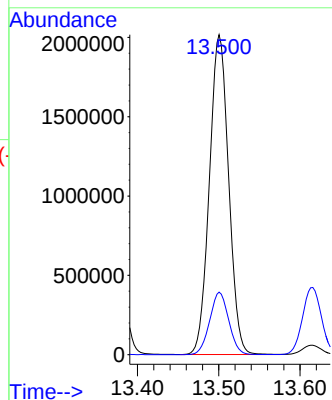
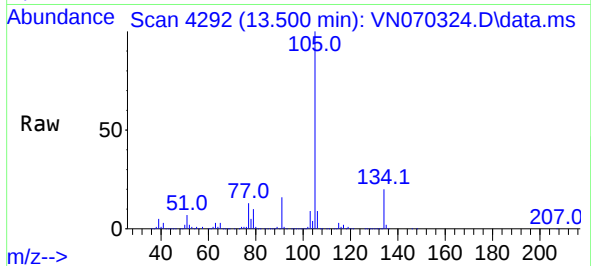
#85
 sec-Butylbenzene
 Concen: 49.602 ug/l
 RT: 13.500 min Scan# 4292
 Delta R.T. -0.001 min
 Lab File: VN070324.D
 Acq: 28 Dec 2021 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 331258
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

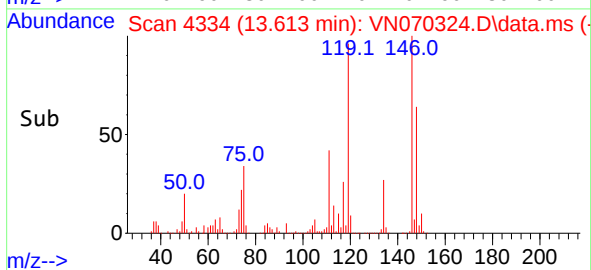
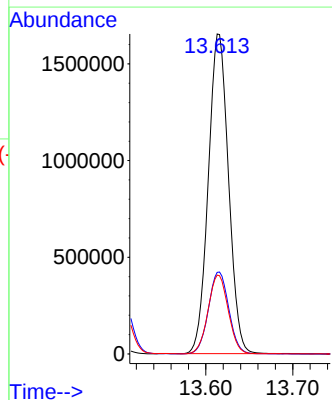
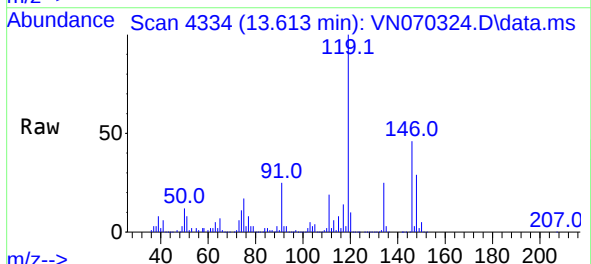
Manual Integrations
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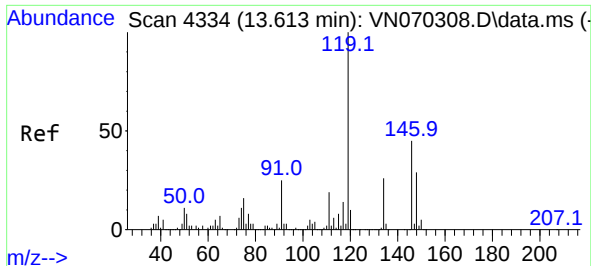
Reviewed By :John Carlone 12/29/2021
 Supervised By :Mahesh Dadoda 12/30/2021



#86
 p-Isopropyltoluene
 Concen: 50.904 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070324.D
 Acq: 28 Dec 2021 10:25

Tgt Ion:119 Resp: 2670460
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 24.6 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 48.789 ug/l

RT: 13.613 min Scan# 4334

Delta R.T. 0.000 min

Lab File: VN070324.D

Acq: 28 Dec 2021 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 1307170

Ion Ratio Lower Upper

146 100

111 41.7 18.6 55.6

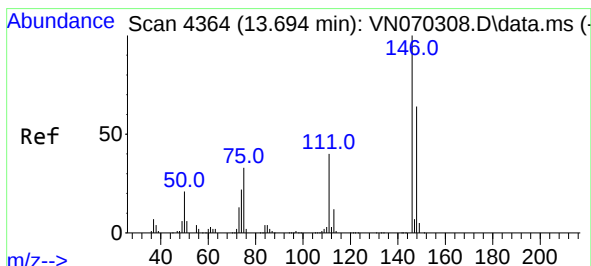
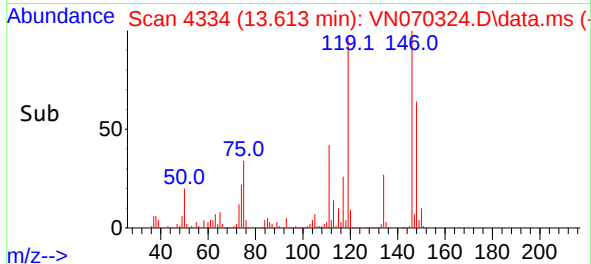
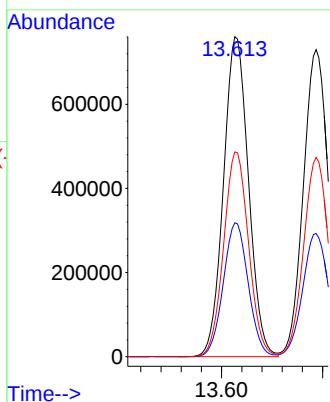
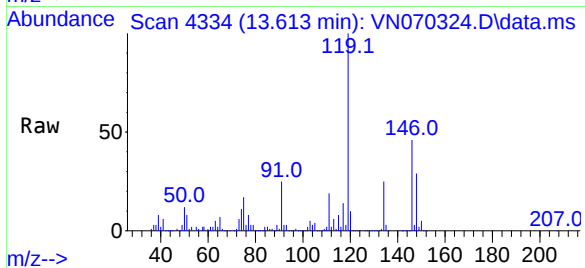
148 63.9 31.6 95.0

Manual Integrations

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Reviewed By :John Carlone 12/29/2021

Supervised By :Mahesh Dadoda 12/30/2021



#88

1,4-Dichlorobenzene

Concen: 47.976 ug/l

RT: 13.694 min Scan# 4364

Delta R.T. -0.000 min

Lab File: VN070324.D

Acq: 28 Dec 2021 10:25

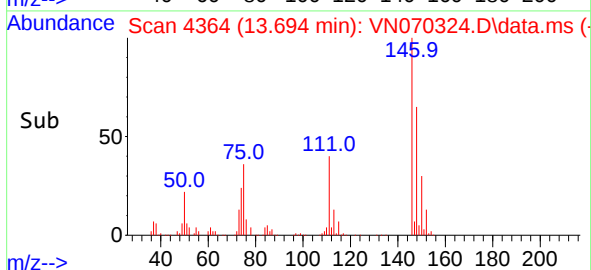
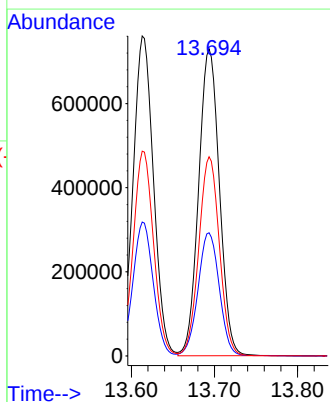
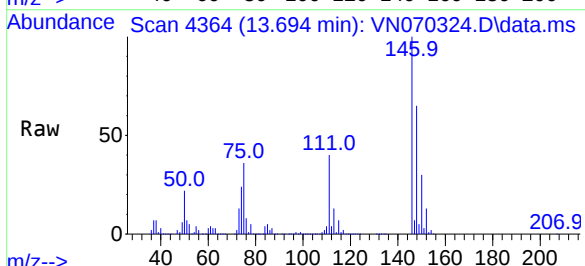
Tgt Ion:146 Resp: 1267936

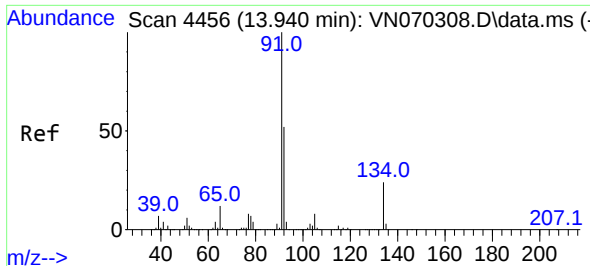
Ion Ratio Lower Upper

146 100

111 40.8 18.3 54.8

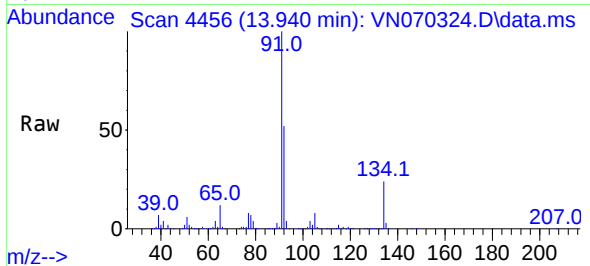
148 64.2 31.8 95.4





#89
n-Butylbenzene
Concen: 51.637 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. 0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

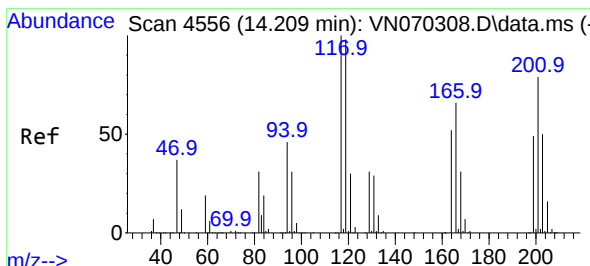
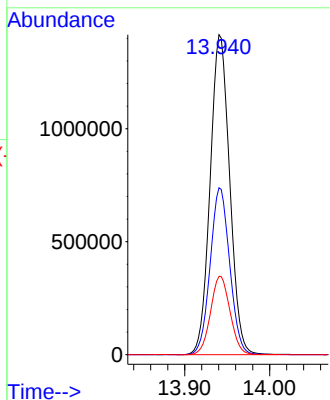
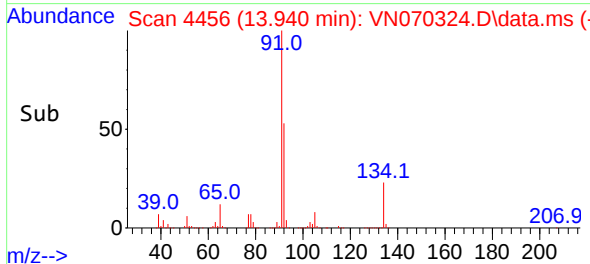
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



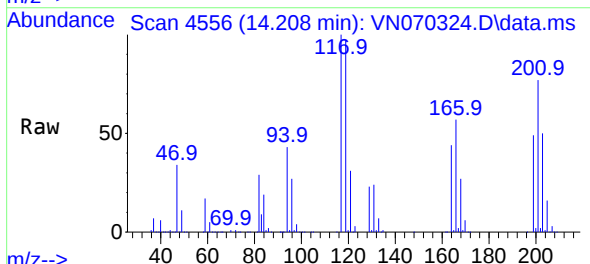
Tgt Ion: 91 Resp: 225952
Ion Ratio Lower Upper
91 100
92 52.2 25.4 76.0
134 24.5 13.6 40.8

Manual Integrations
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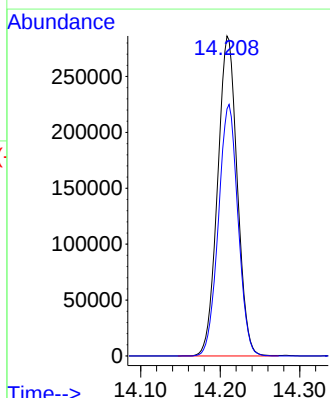
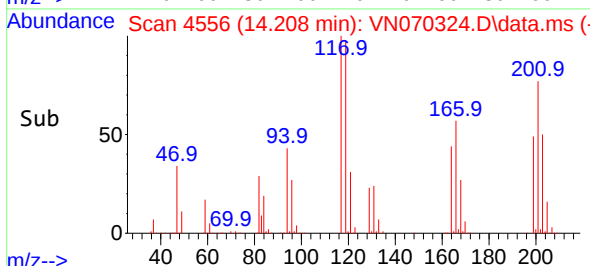
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

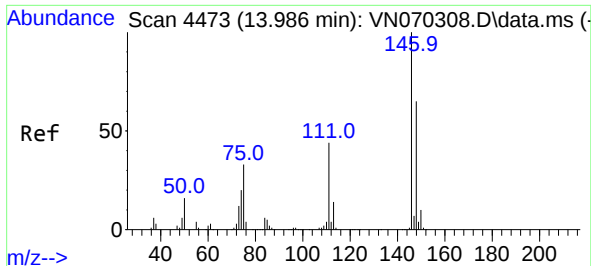


#90
Hexachloroethane
Concen: 53.889 ug/l
RT: 14.208 min Scan# 4556
Delta R.T. -0.001 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25



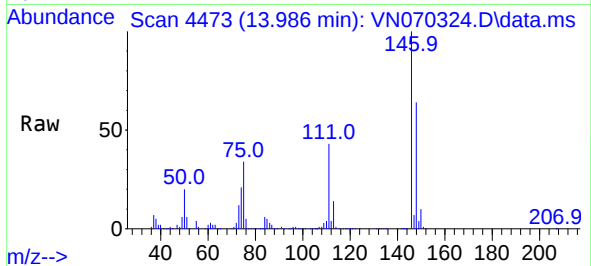
Tgt Ion:117 Resp: 491127
Ion Ratio Lower Upper
117 100
201 78.4 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 47.194 ug/l
RT: 13.986 min Scan# 4473
Delta R.T. -0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

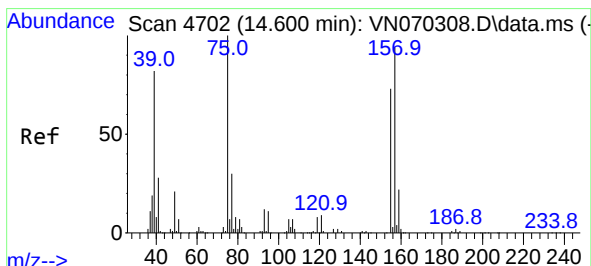
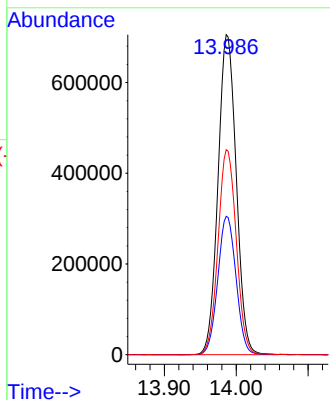
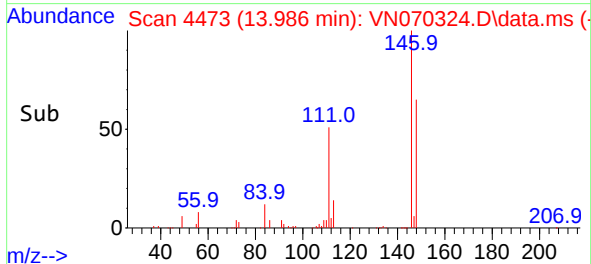
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



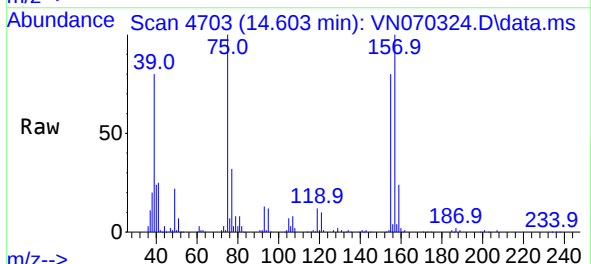
Tgt Ion:146 Resp: 1239584
Ion Ratio Lower Upper
146 100
111 43.2 19.1 57.3
148 64.1 32.1 96.3

Manual Integrations
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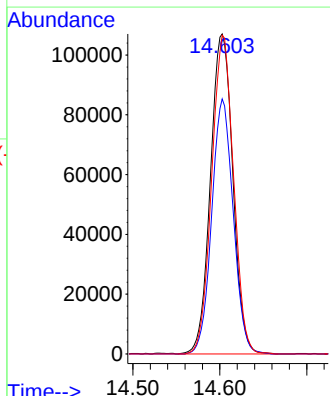
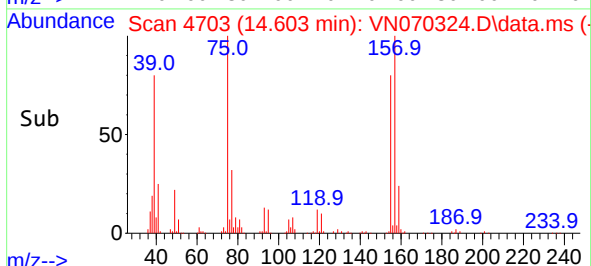
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

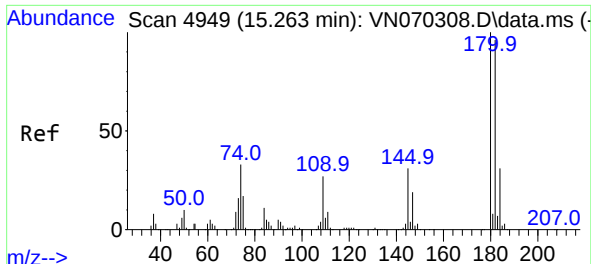


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.420 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.003 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25



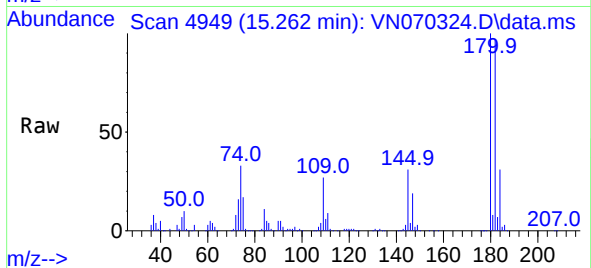
Tgt Ion: 75 Resp: 191500
Ion Ratio Lower Upper
75 100
155 76.6 46.9 140.7
157 97.1 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 50.411 ug/l
RT: 15.262 min Scan# 4949
Delta R.T. -0.001 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

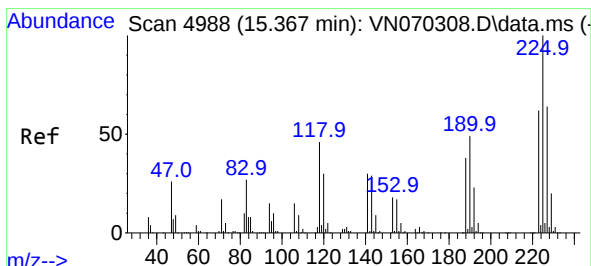
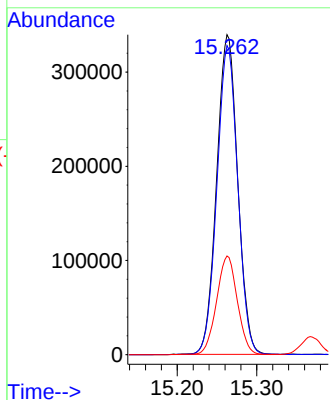
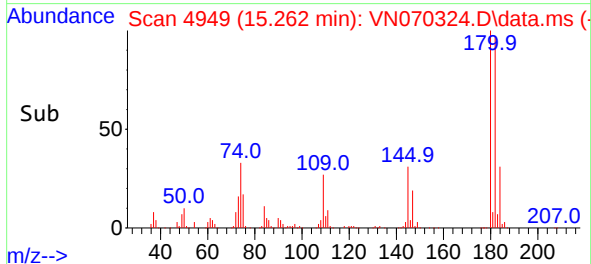
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



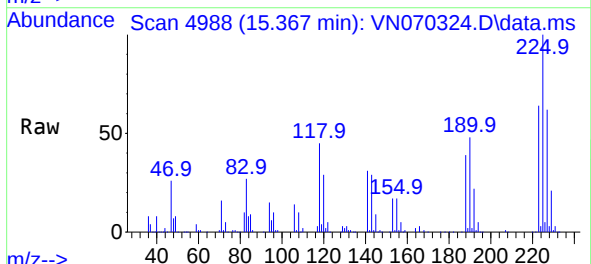
Tgt Ion:180 Resp: 623879
Ion Ratio Lower Upper
180 100
182 95.8 48.3 144.9
145 30.6 14.5 43.5

Manual Integrations
APPROVED

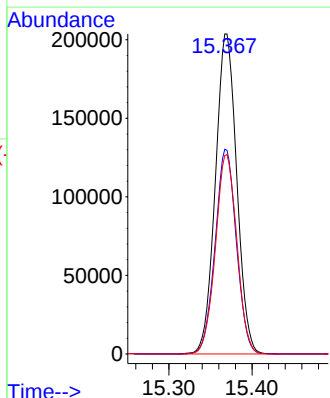
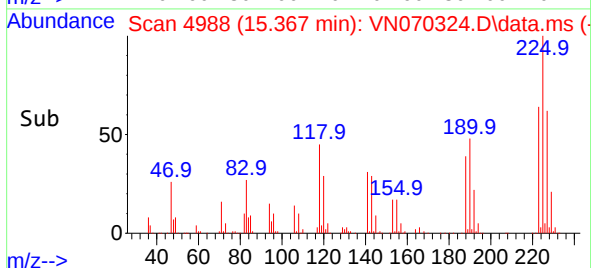
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

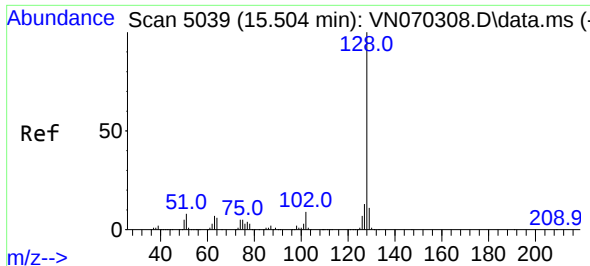


#94
Hexachlorobutadiene
Concen: 50.681 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. 0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25



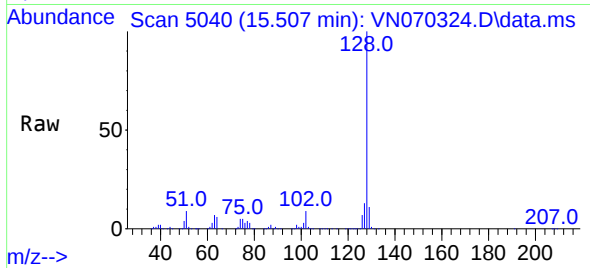
Tgt Ion:225 Resp: 364526
Ion Ratio Lower Upper
225 100
223 63.5 31.9 95.7
227 62.4 32.1 96.3





#95
Naphthalene
Concen: 47.369 ug/l
RT: 15.507 min Scan# 5039
Delta R.T. 0.003 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25

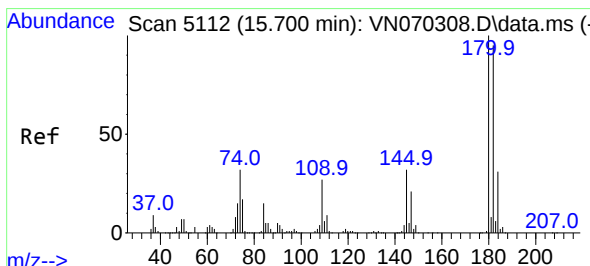
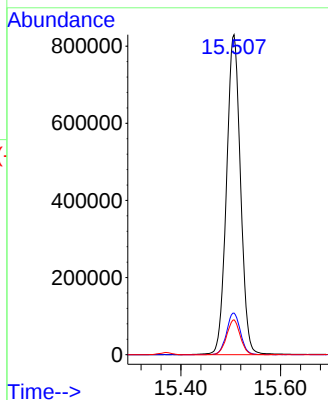
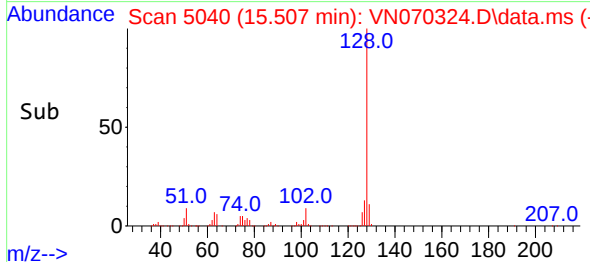
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



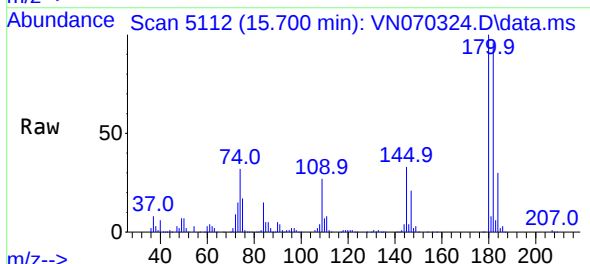
Tgt Ion:128 Resp: 1616828
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#96
1,2,3-Trichlorobenzene
Concen: 49.765 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN070324.D
Acq: 28 Dec 2021 10:25



Tgt Ion:180 Resp: 589058
Ion Ratio Lower Upper
180 100
182 95.7 47.4 142.2
145 33.0 15.0 45.1

