

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011422\
 Data File : VN070614.D
 Acq On : 14 Jan 2022 10:57
 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 01/17/2022
 Supervised By : Mahesh Dadoda 01/18/2022

Quant Time: Jan 14 13:35:26 2022
 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	8.083	168	804117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1270367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1200698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	540142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	549295	47.510	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.020%		
35) Dibromofluoromethane	8.019	113	403482	52.493	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.980%		
50) Toluene-d8	10.440	98	1600441	50.970	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.940%		
62) 4-Bromofluorobenzene	12.731	95	629670	55.522	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	111.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	390848	42.860	ug/l	98
3) Chloromethane	2.301	50	531883	42.877	ug/l	99
4) Vinyl Chloride	2.446	62	489942	43.380	ug/l	99
5) Bromomethane	2.832	94	275500	47.261	ug/l	96
6) Chloroethane	3.006	64	335031	49.258	ug/l	98
7) Trichlorofluoromethane	3.368	101	652407	47.993	ug/l	97
8) Diethyl Ether	3.819	74	297721	49.681	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.202	101	419612	50.468	ug/l	96
10) Methyl Iodide	4.417	142	518193	46.053	ug/l	99
11) Tert butyl alcohol	5.377	59	532590	276.659	ug/l	99
12) 1,1-Dichloroethene	4.175	96	384424	46.941	ug/l	92
13) Acrolein	4.036	56	364485	233.348	ug/l	99
14) Allyl chloride	4.832	41	945607	50.928	ug/l #	83
15) Acrylonitrile	5.551	53	1682538	280.084	ug/l	99
16) Acetone	4.283	43	1812500	241.495	ug/l	98
17) Carbon Disulfide	4.524	76	964569	43.148	ug/l	100
18) Methyl Acetate	4.854	43	1149512	52.947	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	1594072	52.413	ug/l	94
20) Methylene Chloride	5.090	84	494194	47.591	ug/l	86
21) trans-1,2-Dichloroethene	5.591	96	416758	48.063	ug/l	86
22) Diisopropyl ether	6.493	45	1926316	53.265	ug/l	91
23) Vinyl Acetate	6.431	43	7536644	268.595	ug/l	94
24) 1,1-Dichloroethane	6.383	63	937442	49.991	ug/l	99
25) 2-Butanone	7.332	43	2532713	268.009	ug/l	92
26) 2,2-Dichloropropane	7.321	77	733183	49.562	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	520704	50.327	ug/l	86
28) Bromochloromethane	7.654	49	470054	51.256	ug/l #	76
29) Tetrahydrofuran	7.683	42	1568709	278.225	ug/l	87
30) Chloroform	7.815	83	899047	49.697	ug/l	99
31) Cyclohexane	8.091	56	869920	47.681	ug/l	86
32) 1,1,1-Trichloroethane	8.011	97	734937	48.181	ug/l	96
36) 1,1-Dichloropropene	8.220	75	656737	51.649	ug/l	96
37) Ethyl Acetate	7.410	43	907005	55.031	ug/l	98
38) Carbon Tetrachloride	8.204	117	605886	49.901	ug/l	99
39) Methylcyclohexane	9.459	83	800743	52.017	ug/l	88
40) Benzene	8.458	78	2032896	52.149	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.632	41	469574	56.961	ug/l	88
42) 1,2-Dichloroethane	8.528	62	733881	50.086	ug/l	99
43) Isopropyl Acetate	8.560	43	1421240	54.694	ug/l #	96
44) Trichloroethene	9.215	130	465653	50.273	ug/l	90
45) 1,2-Dichloropropane	9.488	63	585239	55.759	ug/l	98
46) Dibromomethane	9.574	93	341956	52.395	ug/l	95
47) Bromodichloromethane	9.762	83	702825	54.234	ug/l	99
48) Methyl methacrylate	9.558	41	705631	56.930	ug/l #	77
49) 1,4-Dioxane	9.569	88	227094	1251.641	ug/l #	85
51) 4-Methyl-2-Pentanone	10.330	43	4813002	294.767	ug/l	98
52) Toluene	10.502	92	1262228	53.494	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	781455	55.702	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	851156	56.085	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	512884	54.937	ug/l	98
56) Ethyl methacrylate	10.760	69	886464	57.466	ug/l	88
57) 1,3-Dichloropropane	11.044	76	908200	55.000	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	1353361	336.549	ug/l	90
59) 2-Hexanone	11.084	43	3642495	305.905	ug/l	96
60) Dibromochloromethane	11.237	129	508130	55.784	ug/l	99
61) 1,2-Dibromoethane	11.344	107	515820	54.415	ug/l	97
64) Tetrachloroethene	10.977	164	421345	48.460	ug/l	95
65) Chlorobenzene	11.768	112	1326038	52.050	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	477941	52.550	ug/l	98
67) Ethyl Benzene	11.843	91	2497679	53.508	ug/l	96
68) m/p-Xylenes	11.950	106	1853415	109.081	ug/l	91
69) o-Xylene	12.280	106	917539	54.291	ug/l	91
70) Styrene	12.294	104	1561767	58.387	ug/l	96
71) Bromoform	12.457	173	388440	57.548	ug/l #	100
73) Isopropylbenzene	12.578	105	2450417	48.852	ug/l	98
74) N-amyl acetate	12.388	43	1092871	51.818	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	829094	50.458	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	693474m	43.730	ug/l	
77) Bromobenzene	12.860	156	562161	48.816	ug/l	76
78) n-propylbenzene	12.919	91	2905467	52.279	ug/l	96
79) 2-Chlorotoluene	13.007	91	1770024	49.637	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	2058715	51.217	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	250591	56.682	ug/l	93
82) 4-Chlorotoluene	13.104	91	1719847	51.488	ug/l	92
83) tert-Butylbenzene	13.324	119	1773317	50.102	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	2006594	51.842	ug/l	97
85) sec-Butylbenzene	13.501	105	2552002	53.108	ug/l	97
86) p-Isopropyltoluene	13.616	119	2029240	53.758	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	984185	51.052	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	952539	50.090	ug/l	97
89) n-Butylbenzene	13.943	91	1733639	55.062	ug/l	97
90) Hexachloroethane	14.211	117	347830	53.042	ug/l	92
91) 1,2-Dichlorobenzene	13.989	146	935912	49.522	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	147336	50.705	ug/l	81
93) 1,2,4-Trichlorobenzene	15.265	180	491906	55.240	ug/l	98
94) Hexachlorobutadiene	15.370	225	305170	58.966	ug/l	100
95) Naphthalene	15.507	128	1250435	50.780	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	473282	55.473	ug/l	98

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VSTDCCC050

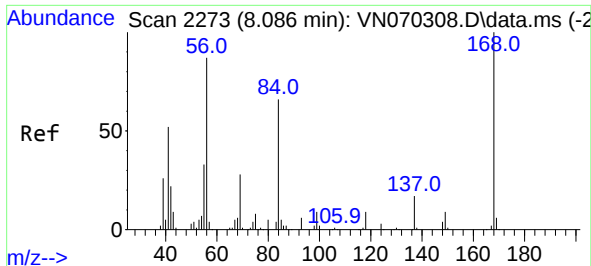
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
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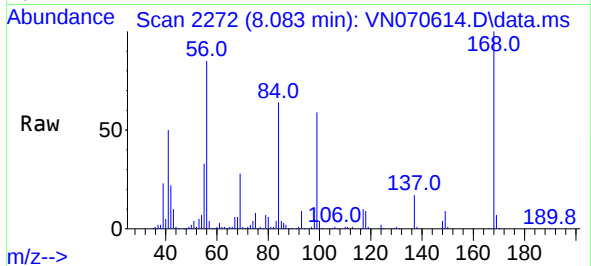
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
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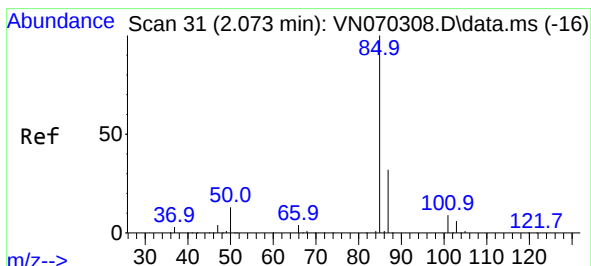
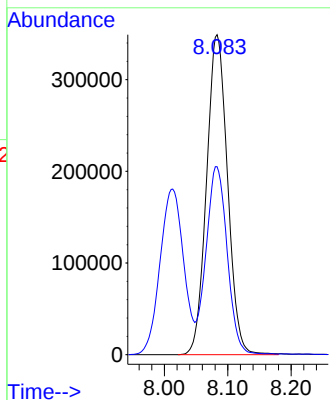
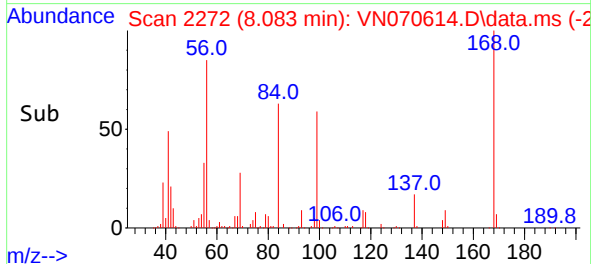
Instrument :
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VSTDCCC050



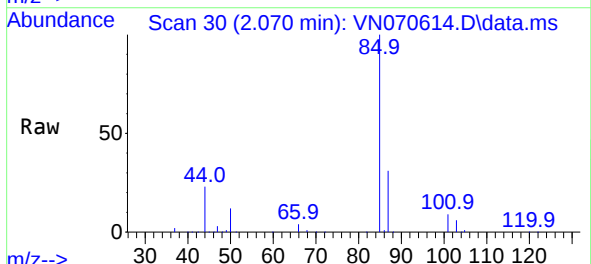
Tgt Ion:168 Resp: 80411
Ion Ratio Lower Upper
168 100
99 58.5 41.3 61.9

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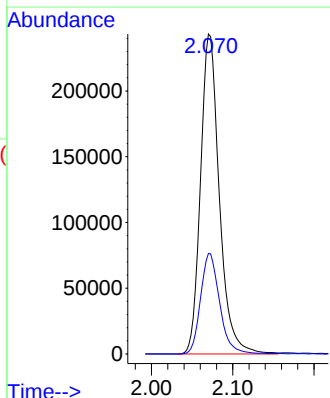
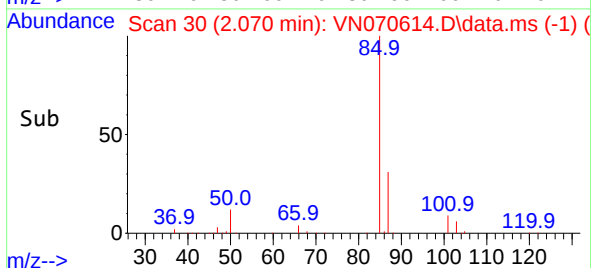
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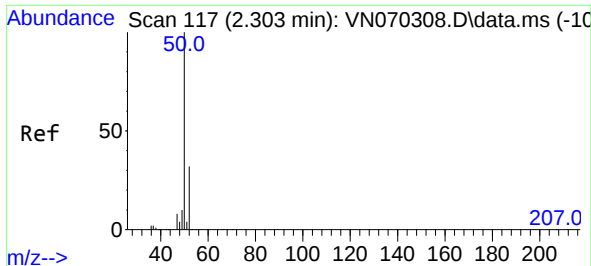


#2
Dichlorodifluoromethane
Concen: 42.860 ug/l
RT: 2.070 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57



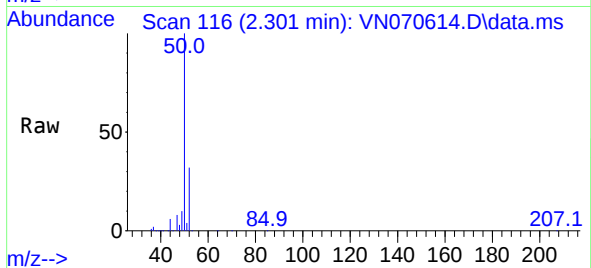
Tgt Ion: 85 Resp: 390848
Ion Ratio Lower Upper
85 100
87 31.4 16.3 48.9





#3
Chloromethane
Concen: 42.877 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.002 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

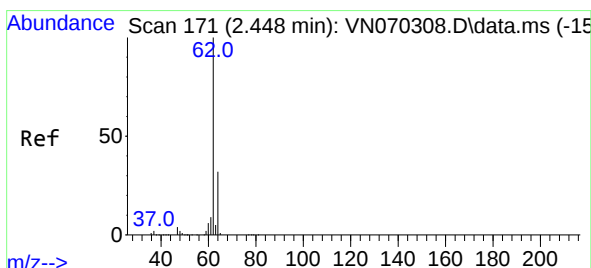
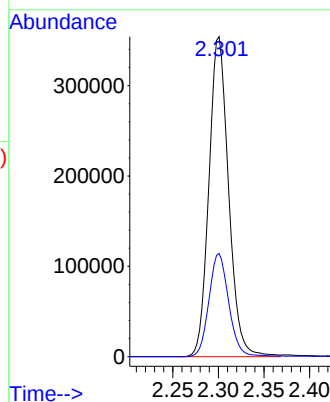
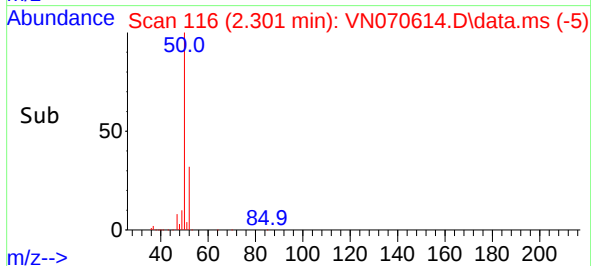
Instrument :
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Tgt Ion: 50 Resp: 53188
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.0

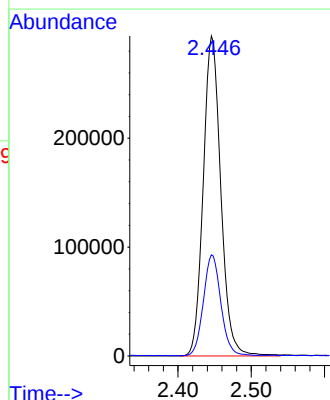
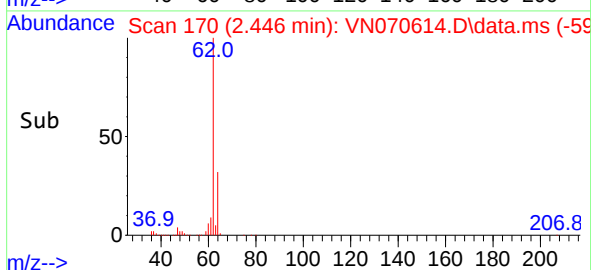
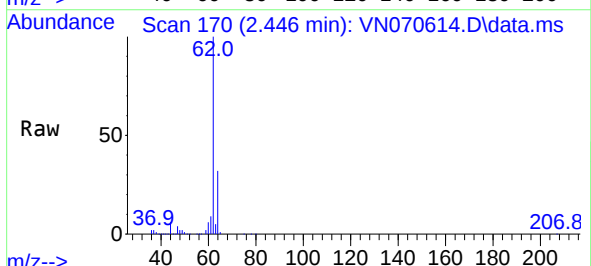
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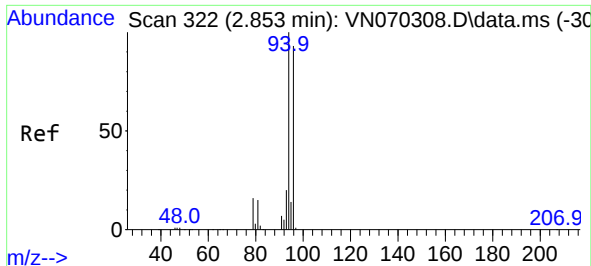
Reviewed By :John Carlone 01/17/2022
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#4
Vinyl Chloride
Concen: 43.380 ug/l
RT: 2.446 min Scan# 170
Delta R.T. -0.002 min
Lab File: VN070614.D
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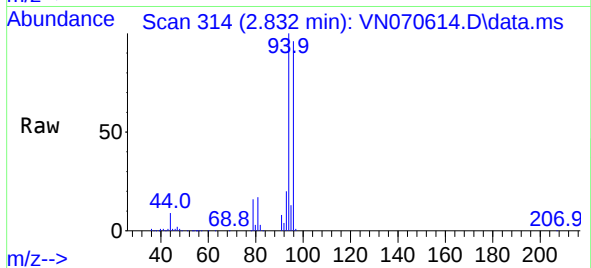
Tgt Ion: 62 Resp: 489942
Ion Ratio Lower Upper
62 100
64 31.5 25.8 38.6





#5
Bromomethane
Concen: 47.261 ug/l
RT: 2.832 min Scan# 311
Delta R.T. -0.021 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

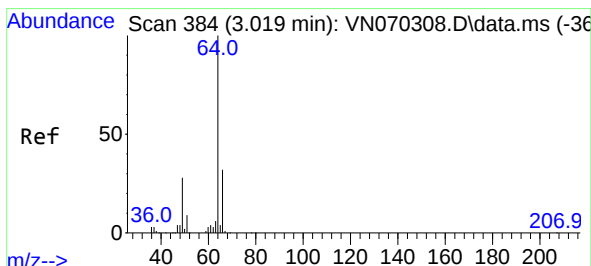
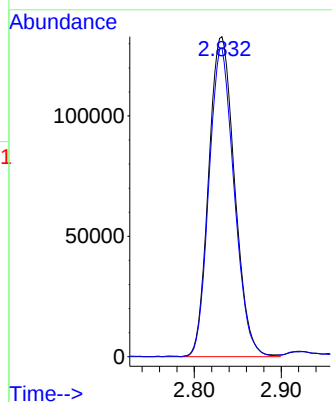
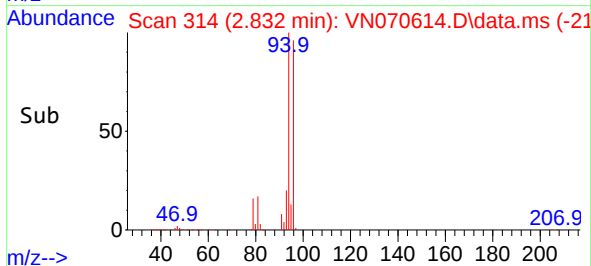
Instrument :
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Tgt Ion: 94 Resp: 275500
Ion Ratio Lower Upper
94 100
96 96.5 73.8 110.8

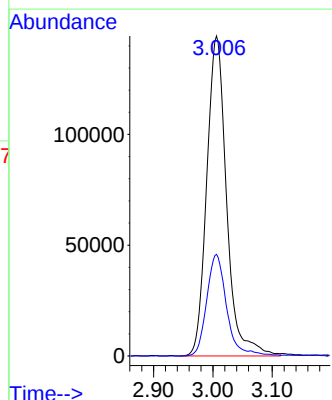
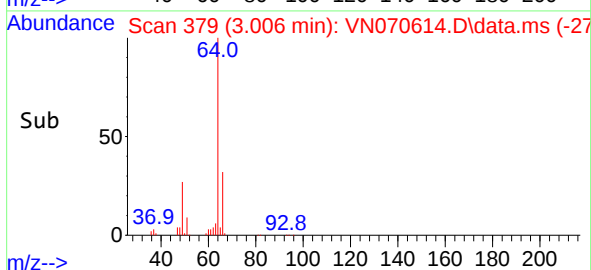
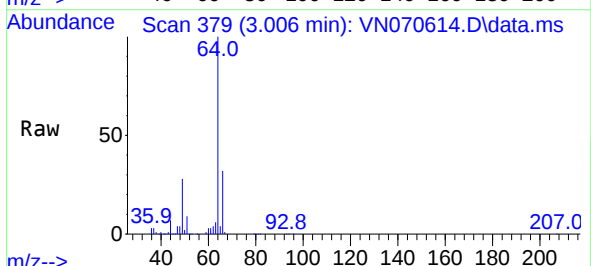
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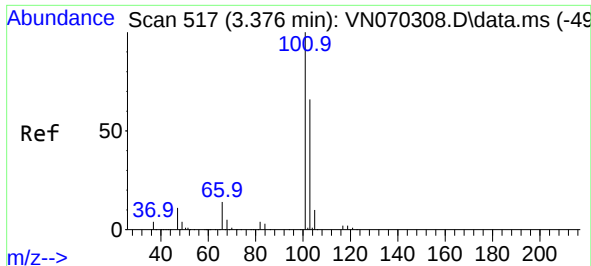
Reviewed By :John Carlone 01/17/2022
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#6
Chloroethane
Concen: 49.258 ug/l
RT: 3.006 min Scan# 379
Delta R.T. -0.013 min
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Tgt Ion: 64 Resp: 335031
Ion Ratio Lower Upper
64 100
66 31.7 26.3 39.5





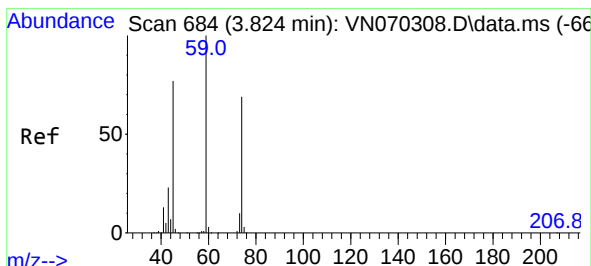
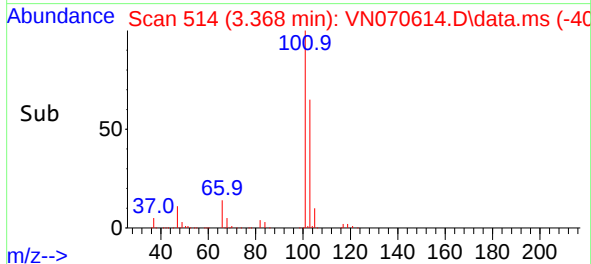
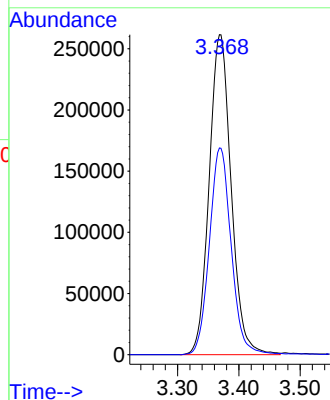
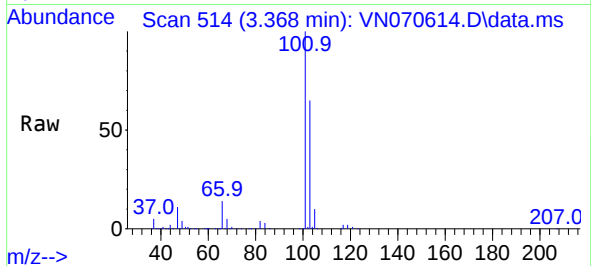
#7
Trichlorofluoromethane
Concen: 47.993 ug/l
RT: 3.368 min Scan# 517
Delta R.T. -0.008 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 65240
Ion Ratio Lower Upper
101 100
103 64.6 50.1 75.1

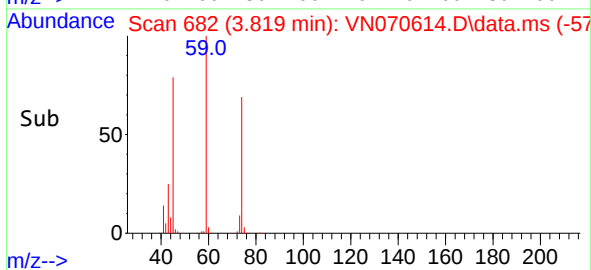
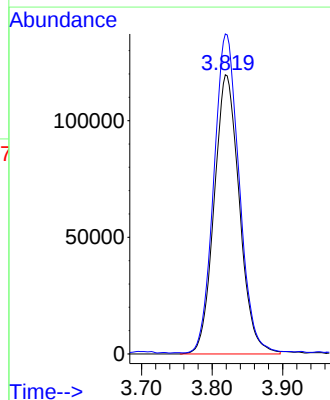
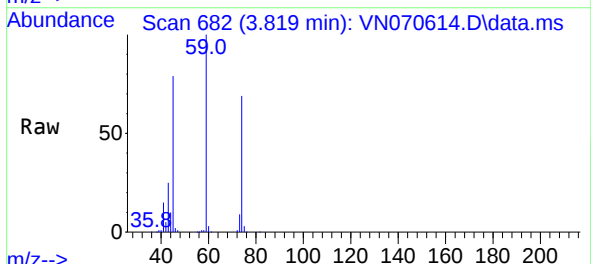
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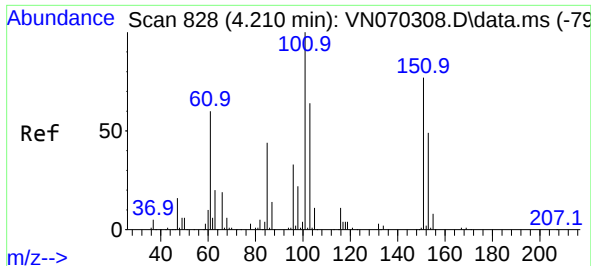
Reviewed By :John Carlone 01/17/2022
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#8
Diethyl Ether
Concen: 49.681 ug/l
RT: 3.819 min Scan# 682
Delta R.T. -0.005 min
Lab File: VN070614.D
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Tgt Ion: 74 Resp: 297721
Ion Ratio Lower Upper
74 100
45 114.3 47.0 141.2





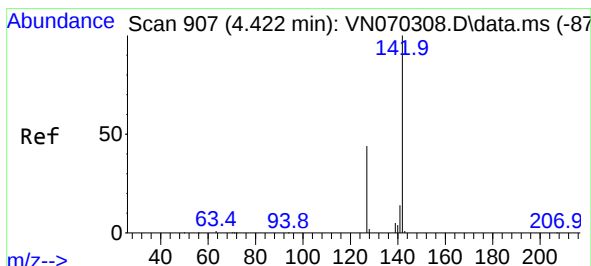
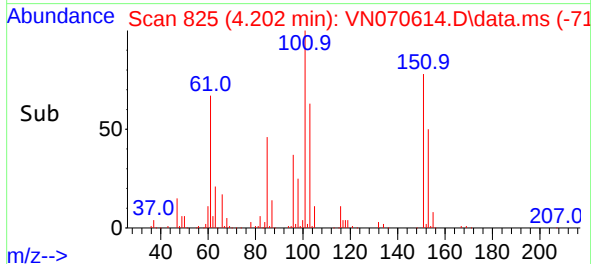
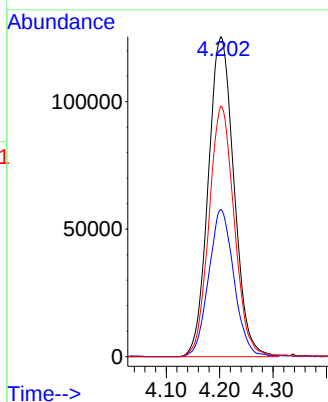
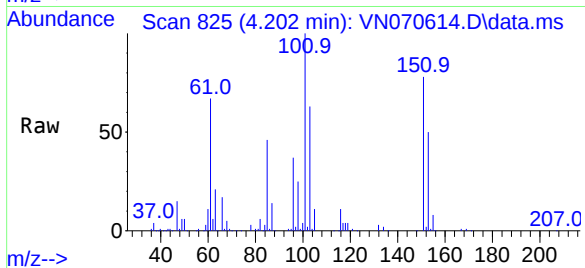
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.468 ug/l
RT: 4.202 min Scan# 81
Delta R.T. -0.008 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 41961
Ion Ratio Lower Upper
101 100
85 45.2 37.2 55.8
151 77.2 65.9 98.9

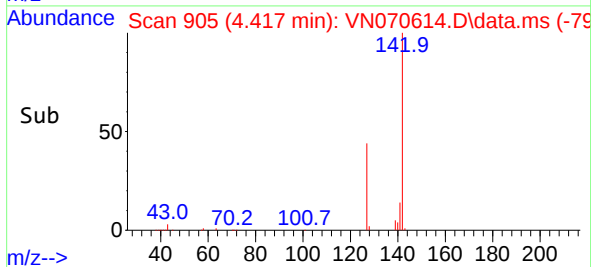
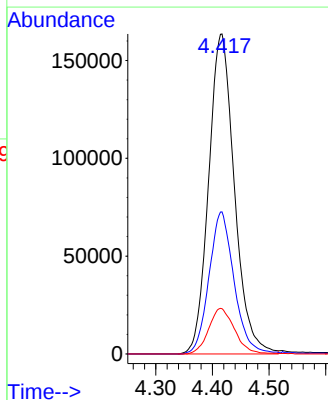
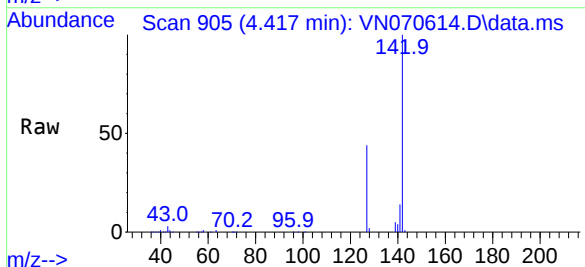
Manual Integrations
APPROVED

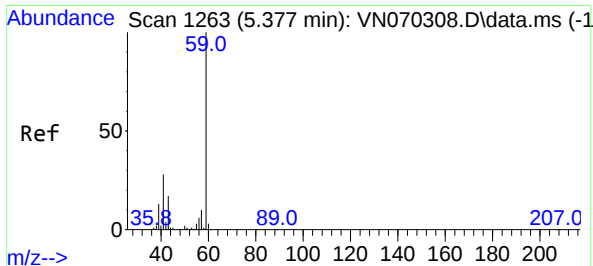
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#10
Methyl Iodide
Concen: 46.053 ug/l
RT: 4.417 min Scan# 905
Delta R.T. -0.005 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

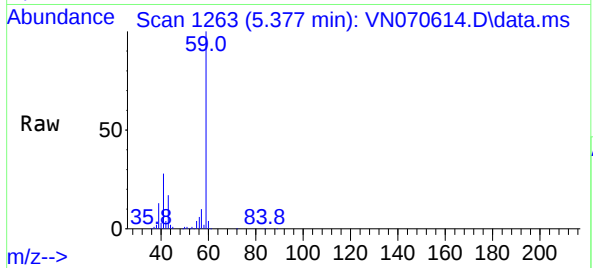
Tgt Ion:142 Resp: 518193
Ion Ratio Lower Upper
142 100
127 43.1 35.4 53.0
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 276.659 ug/l
RT: 5.377 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

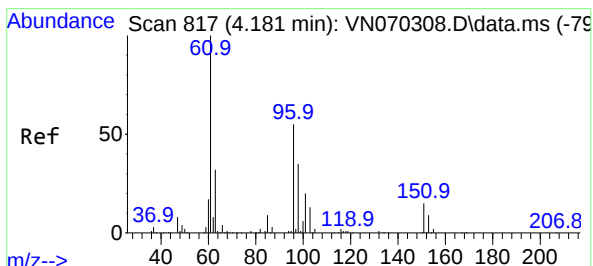
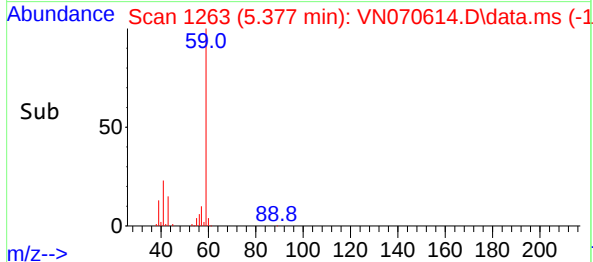
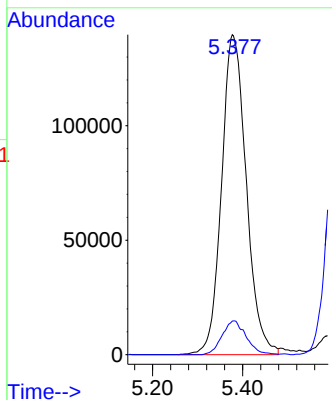
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 532590
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1

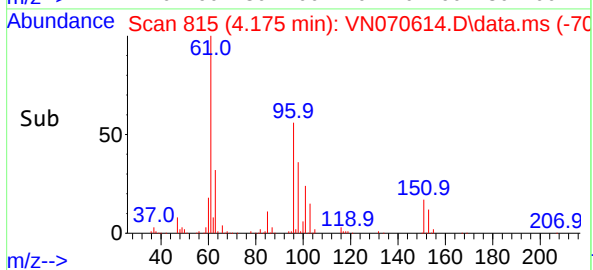
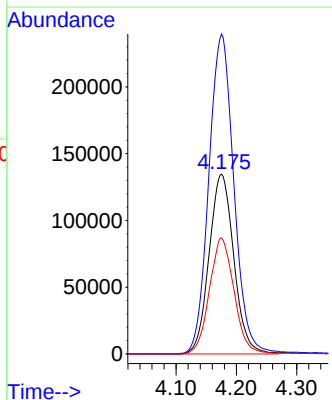
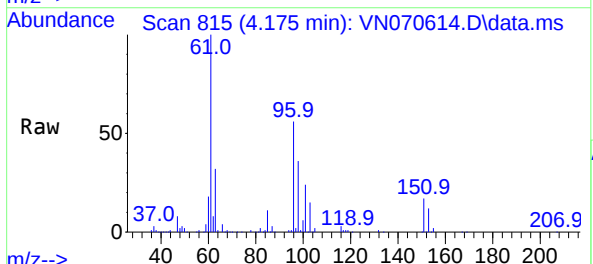
Manual Integrations
APPROVED

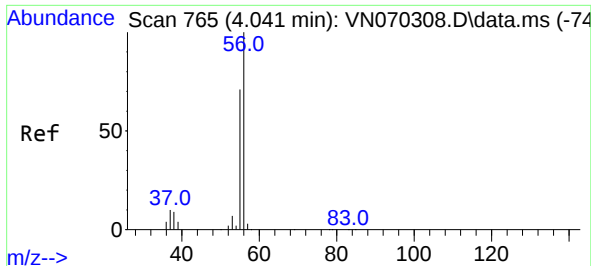
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#12
1,1-Dichloroethene
Concen: 46.941 ug/l
RT: 4.175 min Scan# 815
Delta R.T. -0.006 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

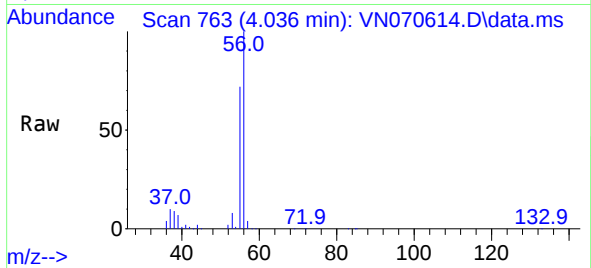
Tgt Ion: 96 Resp: 384424
Ion Ratio Lower Upper
96 100
61 177.7 131.0 196.6
98 64.5 52.4 78.6





#13
Acrolein
Concen: 233.348 ug/l
RT: 4.036 min Scan# 70
Delta R.T. -0.005 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

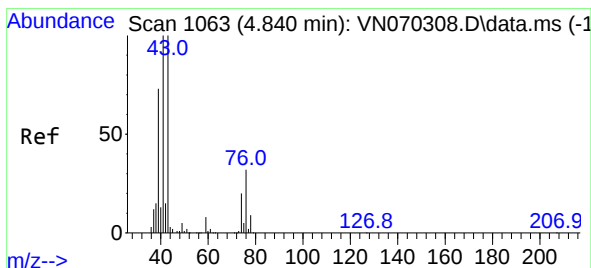
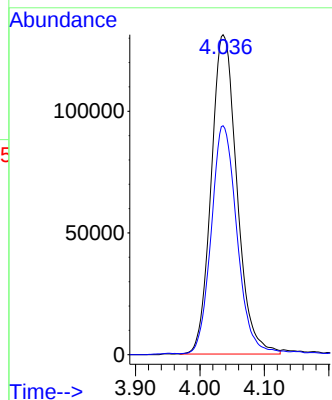
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



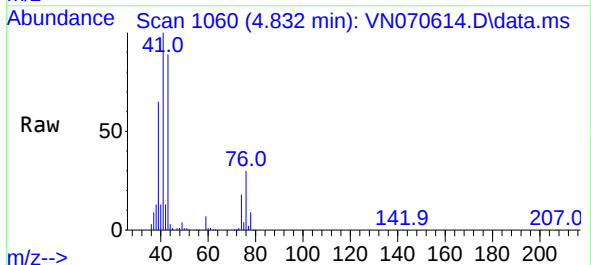
Tgt Ion: 56 Resp: 364485
Ion Ratio Lower Upper
56 100
55 71.3 56.6 85.0

Manual Integrations
APPROVED

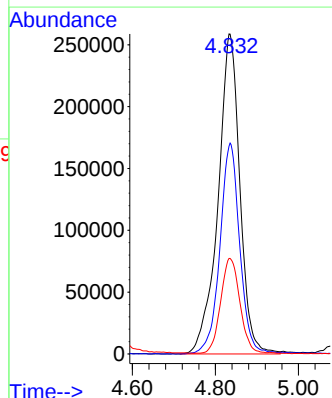
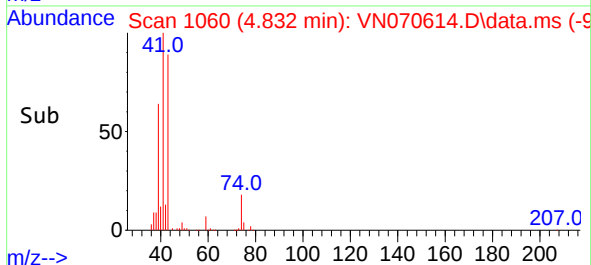
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

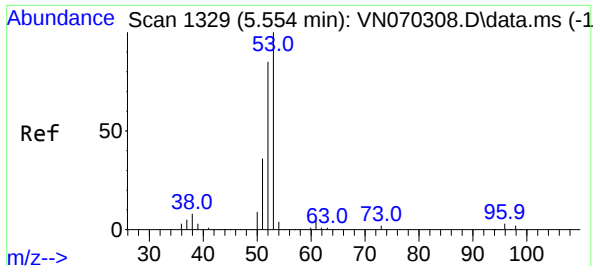


#14
Allyl chloride
Concen: 50.928 ug/l
RT: 4.832 min Scan# 1060
Delta R.T. -0.008 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57



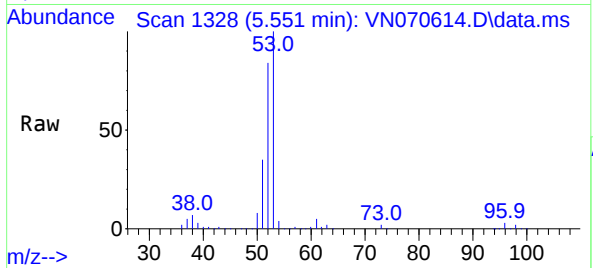
Tgt Ion: 41 Resp: 945607
Ion Ratio Lower Upper
41 100
39 59.8 61.2 91.8#
76 25.9 26.0 39.0#





#15
Acrylonitrile
Concen: 280.084 ug/l
RT: 5.551 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

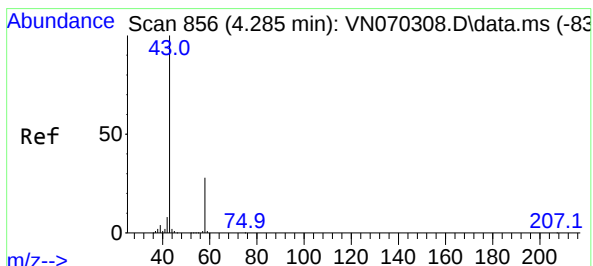
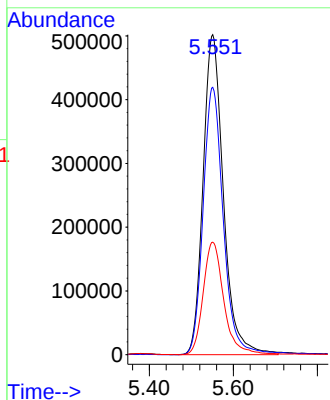
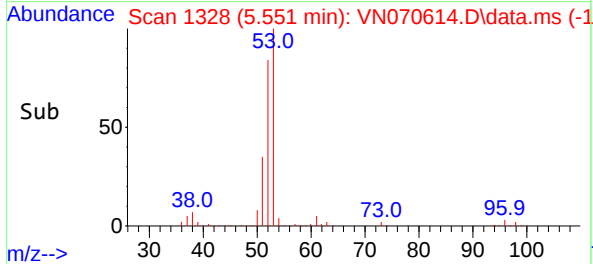
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



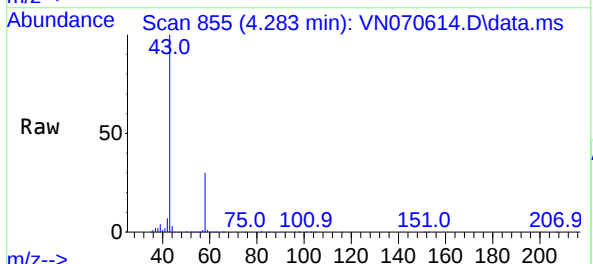
Tgt Ion: 53 Resp: 1682538
Ion Ratio Lower Upper
53 100
52 82.8 66.2 99.2
51 35.8 29.6 44.4

Manual Integrations
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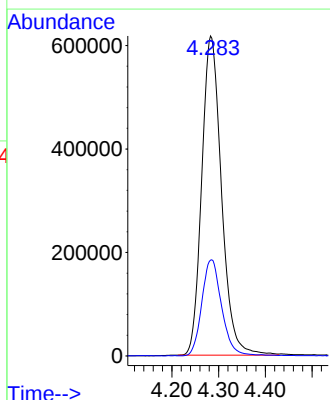
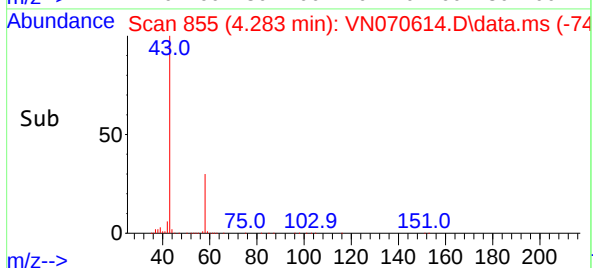
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

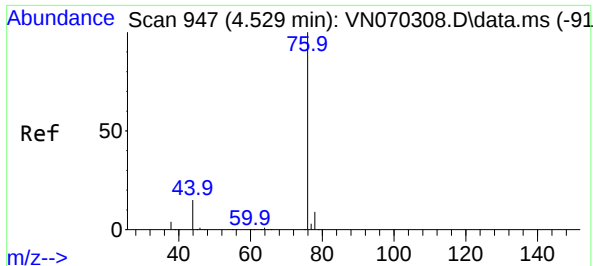


#16
Acetone
Concen: 241.495 ug/l
RT: 4.283 min Scan# 855
Delta R.T. -0.002 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57



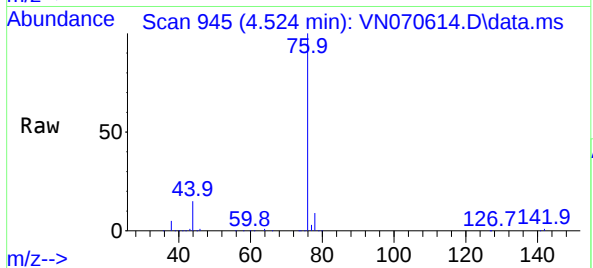
Tgt Ion: 43 Resp: 1812500
Ion Ratio Lower Upper
43 100
58 30.0 23.1 34.7





#17
Carbon Disulfide
Concen: 43.148 ug/l
RT: 4.524 min Scan# 947
Delta R.T. -0.005 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

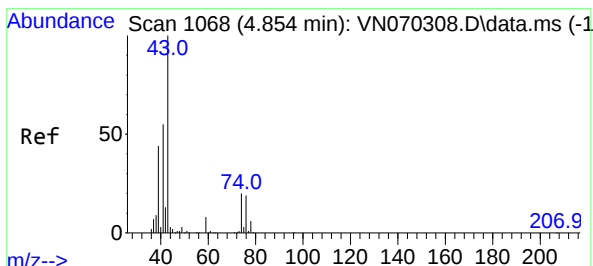
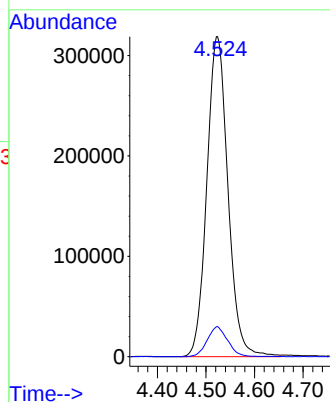
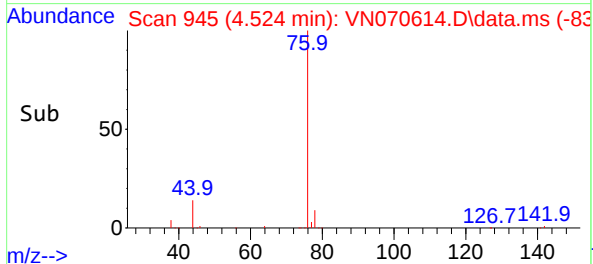
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 964569
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

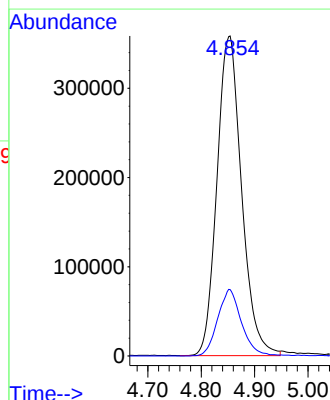
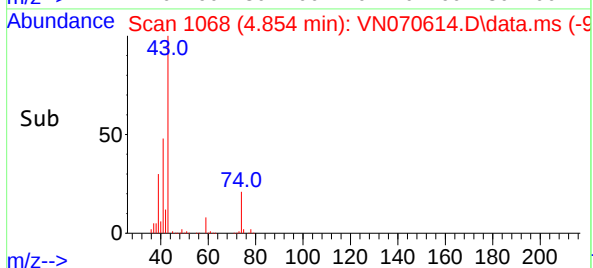
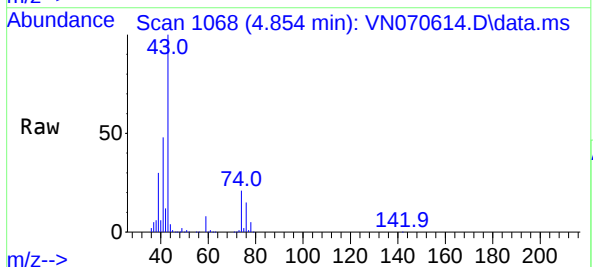
Manual Integrations
APPROVED

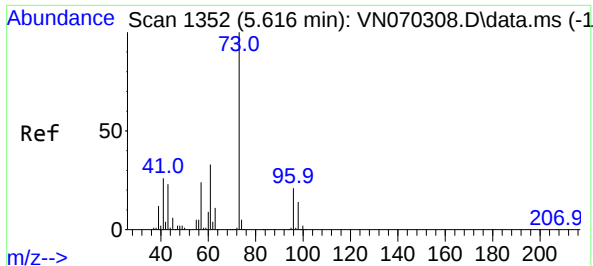
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#18
Methyl Acetate
Concen: 52.947 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

Tgt Ion: 43 Resp: 1149512
Ion Ratio Lower Upper
43 100
74 20.1 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 52.413 ug/l

RT: 5.616 min Scan# 1156

Delta R.T. -0.000 min

Lab File: VN070614.D

Acq: 14 Jan 2022 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 159407

Ion Ratio Lower Upper

73 100

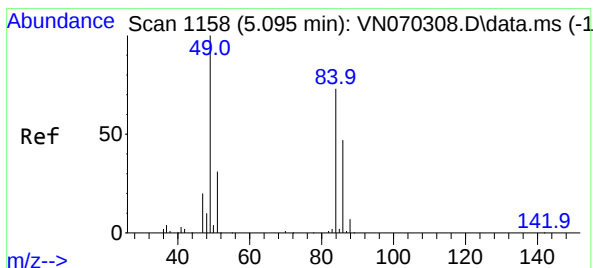
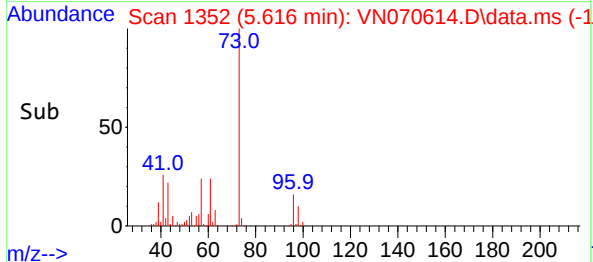
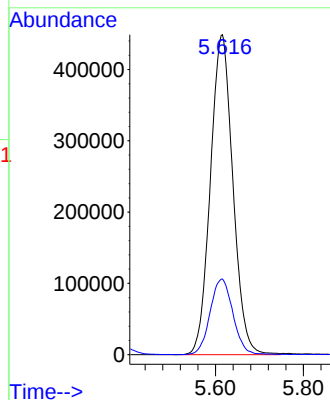
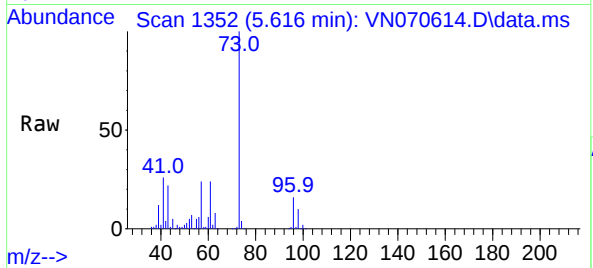
57 23.6 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/18/2022



#20

Methylene Chloride

Concen: 47.591 ug/l

RT: 5.090 min Scan# 1156

Delta R.T. -0.005 min

Lab File: VN070614.D

Acq: 14 Jan 2022 10:57

Tgt Ion: 84 Resp: 494194

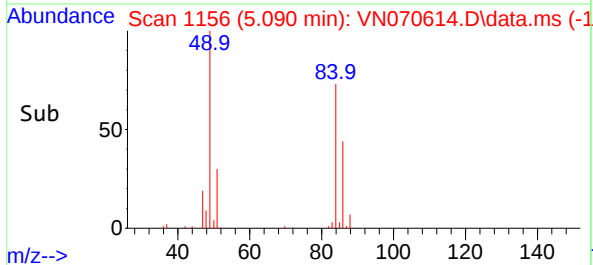
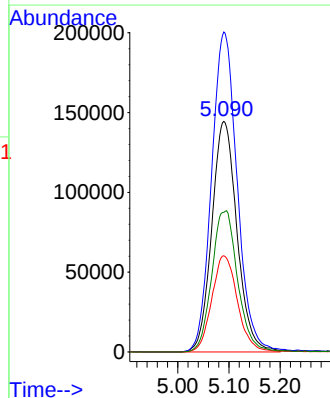
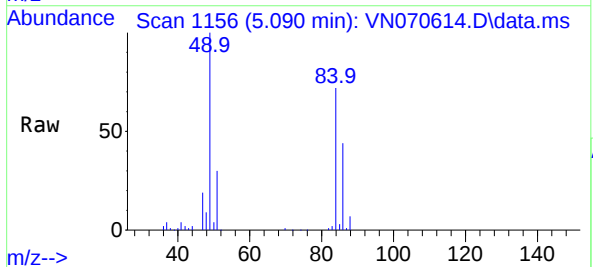
Ion Ratio Lower Upper

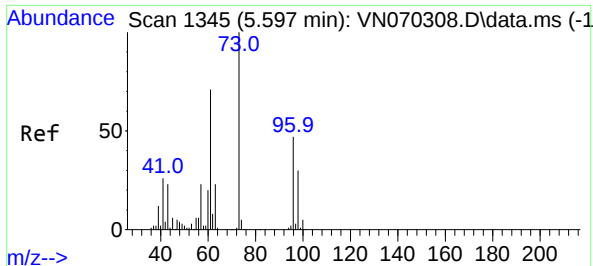
84 100

49 138.8 93.5 140.3

51 41.7 29.4 44.2

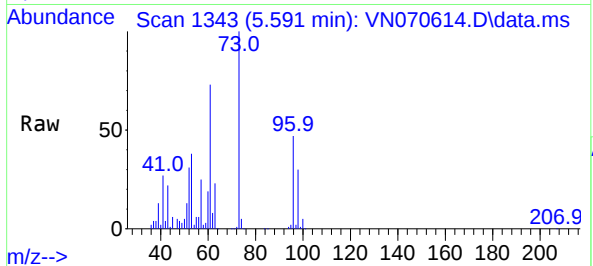
86 60.6 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 48.063 ug/l
RT: 5.591 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

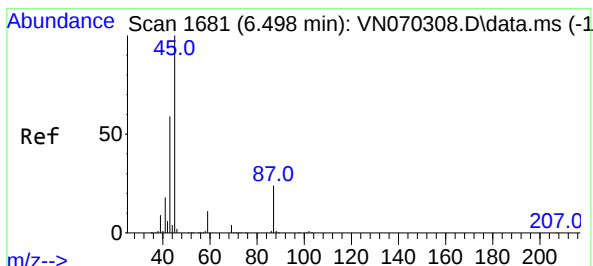
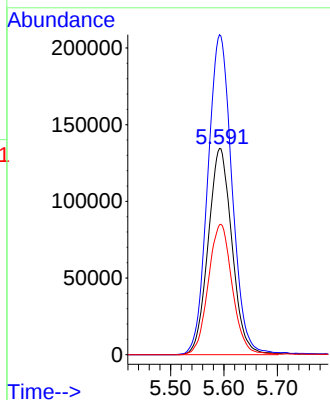
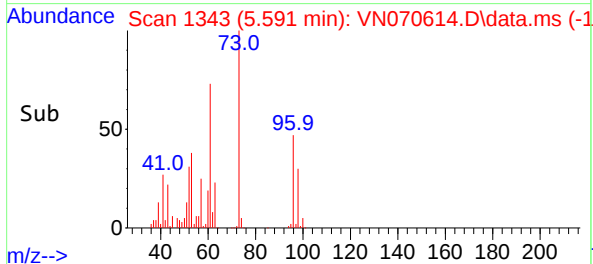
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



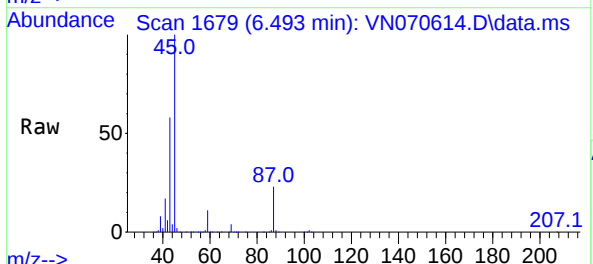
Tgt Ion: 96 Resp: 416758
Ion Ratio Lower Upper
96 100
61 155.1 105.8 158.6
98 63.0 52.0 78.0

Manual Integrations
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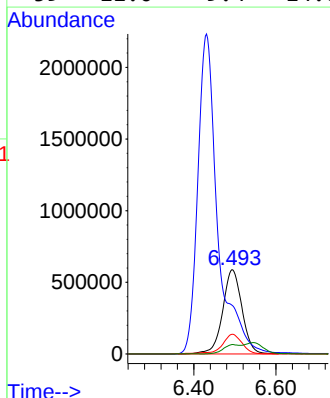
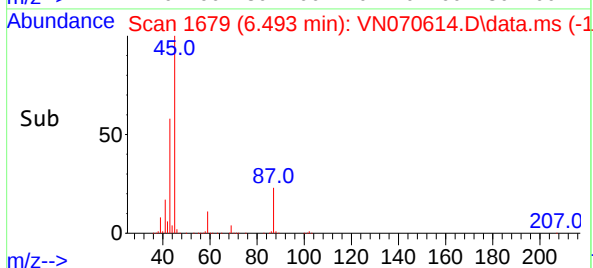
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

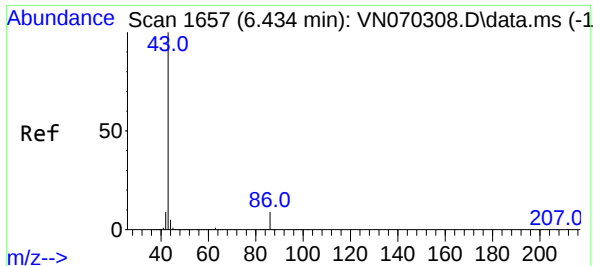


#22
Diisopropyl ether
Concen: 53.265 ug/l
RT: 6.493 min Scan# 1679
Delta R.T. -0.005 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57



Tgt Ion: 45 Resp: 1926316
Ion Ratio Lower Upper
45 100
43 57.6 51.7 77.5
87 23.3 23.2 34.8
59 11.0 9.4 14.0





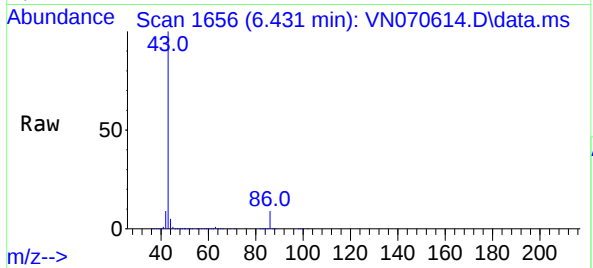
#23
 Vinyl Acetate
 Concen: 268.595 ug/l
 RT: 6.431 min Scan# 1656
 Delta R.T. -0.003 min
 Lab File: VN070614.D
 Acq: 14 Jan 2022 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



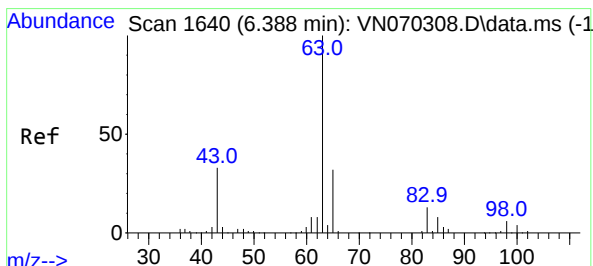
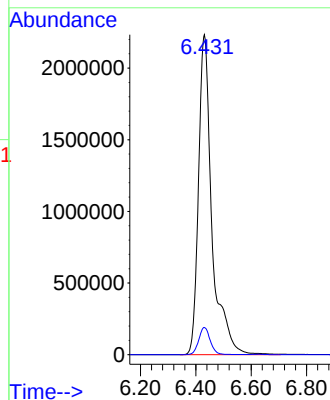
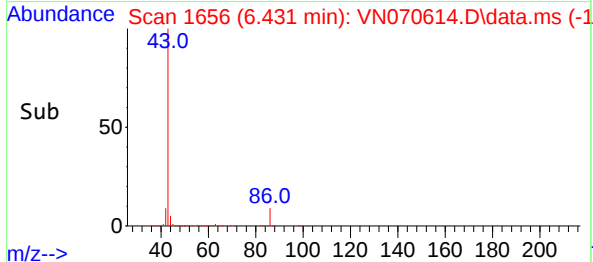
Tgt Ion: 43 Resp: 753664
 Ion Ratio Lower Upper
 43 100
 86 8.5 8.5 12.7

Manual Integrations

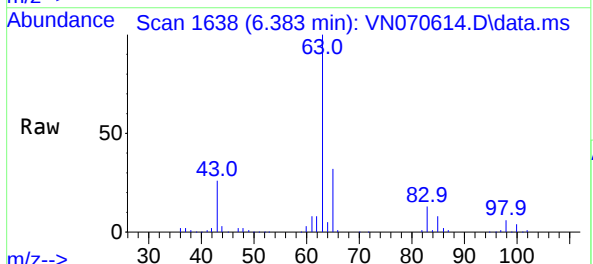
APPROVED

Reviewed By :John Carlone 01/17/2022

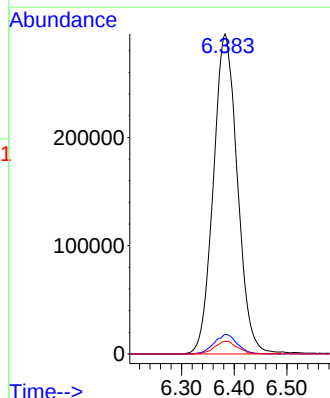
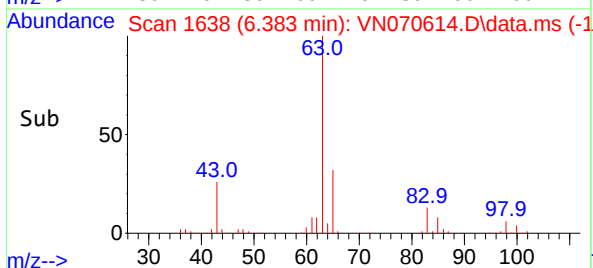
Supervised By :Mahesh Dadoda 01/18/2022

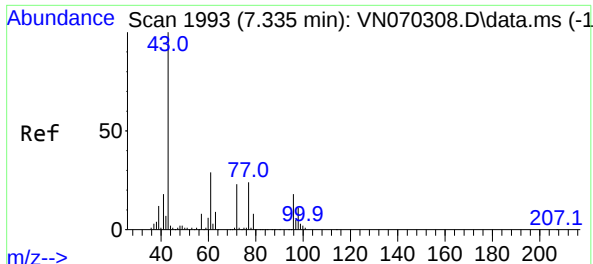


#24
 1,1-Dichloroethane
 Concen: 49.991 ug/l
 RT: 6.383 min Scan# 1638
 Delta R.T. -0.005 min
 Lab File: VN070614.D
 Acq: 14 Jan 2022 10:57



Tgt Ion: 63 Resp: 937442
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.9
 100 3.9 2.1 6.5





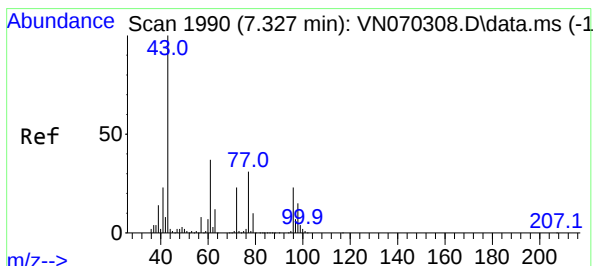
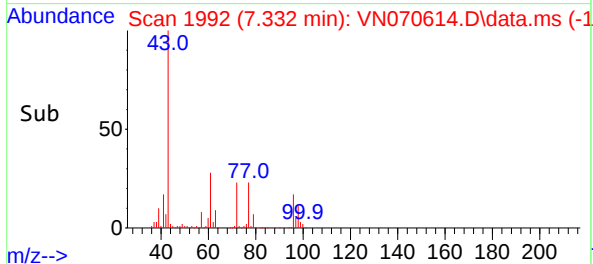
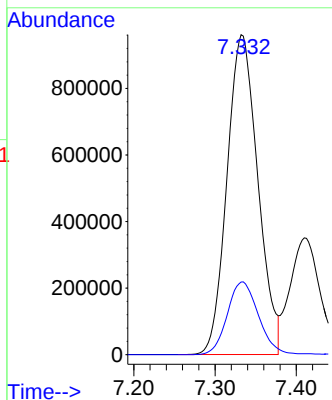
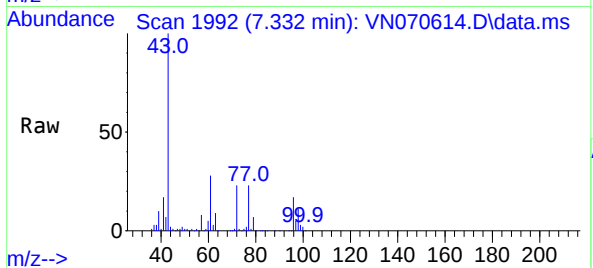
#25
2-Butanone
Concen: 268.009 ug/l
RT: 7.332 min Scan# 1993
Delta R.T. -0.003 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 253271
Ion Ratio Lower Upper
43 100
72 22.7 21.7 32.5

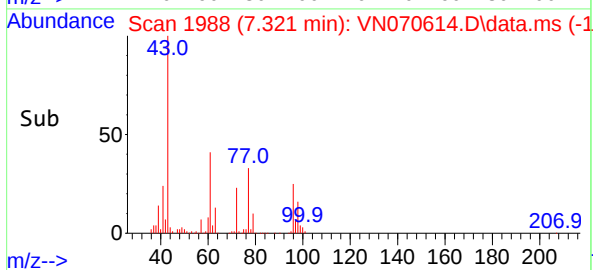
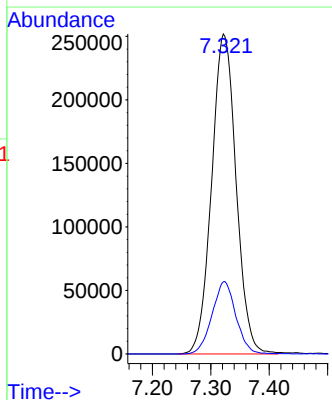
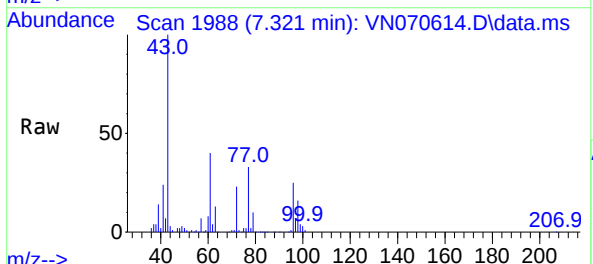
Manual Integrations
APPROVED

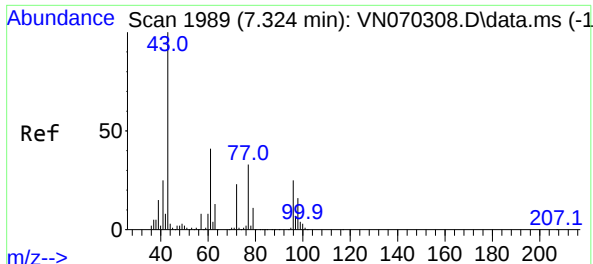
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#26
2,2-Dichloropropane
Concen: 49.562 ug/l
RT: 7.321 min Scan# 1988
Delta R.T. -0.006 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

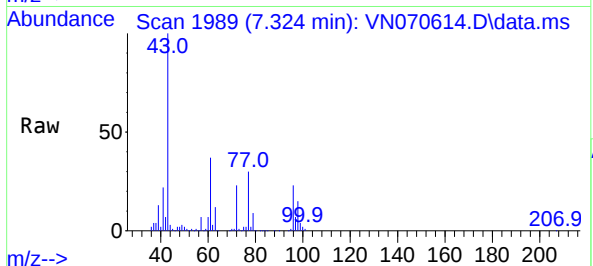
Tgt Ion: 77 Resp: 733183
Ion Ratio Lower Upper
77 100
97 22.0 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 50.327 ug/l
 RT: 7.324 min Scan# 1989
 Delta R.T. 0.000 min
 Lab File: VN070614.D
 Acq: 14 Jan 2022 10:57

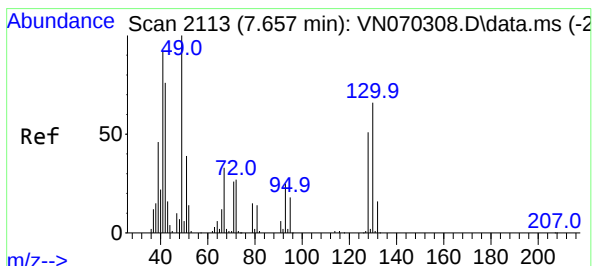
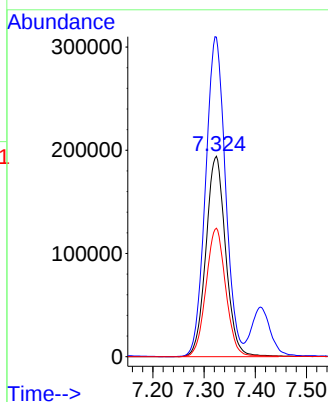
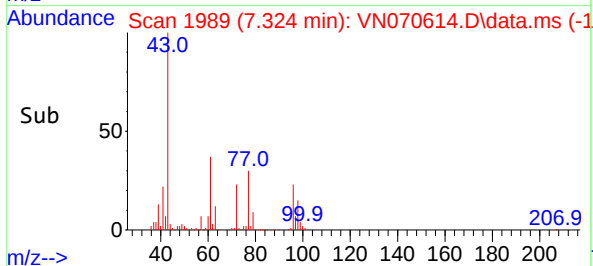
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 520704
 Ion Ratio Lower Upper
 96 100
 61 161.1 0.0 275.0
 98 64.2 0.0 129.6

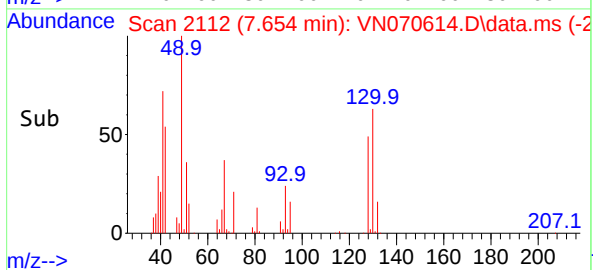
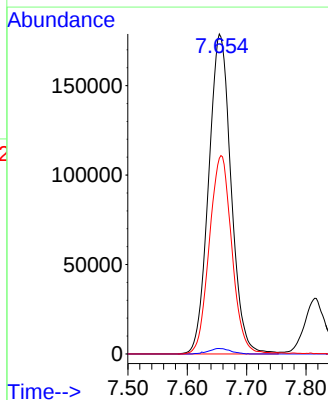
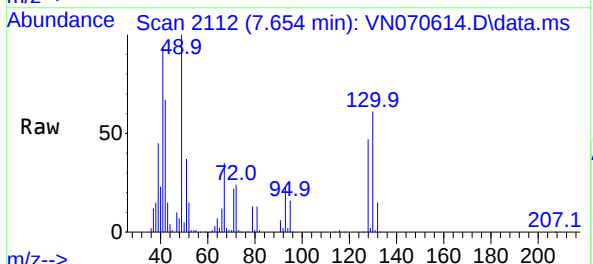
Manual Integrations
 APPROVED

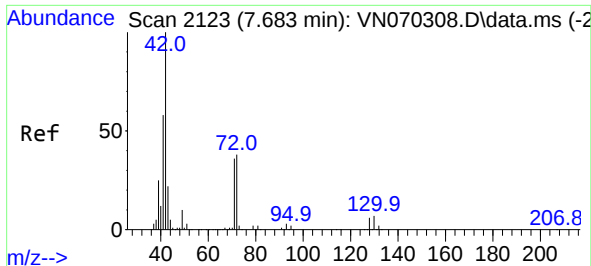
Reviewed By :John Carlone 01/17/2022
 Supervised By :Mahesh Dadoda 01/18/2022



#28
 Bromochloromethane
 Concen: 51.256 ug/l
 RT: 7.654 min Scan# 2112
 Delta R.T. -0.003 min
 Lab File: VN070614.D
 Acq: 14 Jan 2022 10:57

Tgt Ion: 49 Resp: 470054
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.0
 130 62.1 67.8 101.8#





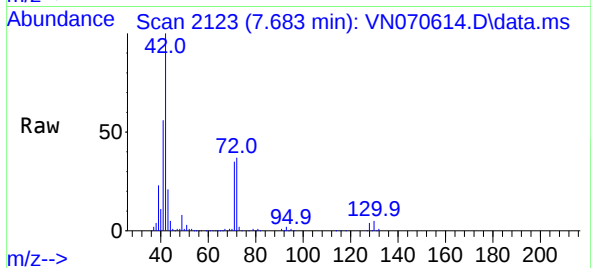
#29
Tetrahydrofuran
Concen: 278.225 ug/l
RT: 7.683 min Scan# 2123
Delta R.T. 0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



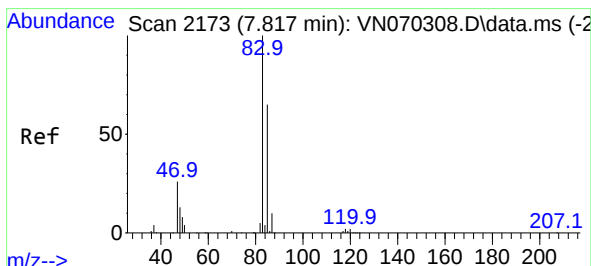
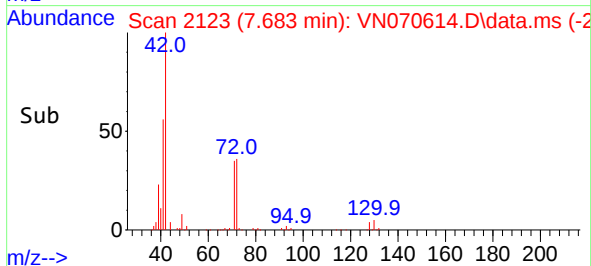
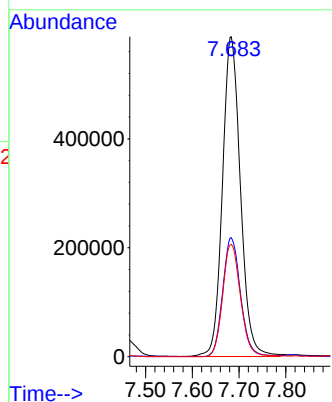
Tgt Ion: 42 Resp: 1568709
Ion Ratio Lower Upper
42 100
72 36.9 36.3 54.5
71 34.8 34.7 52.1

Manual Integrations

APPROVED

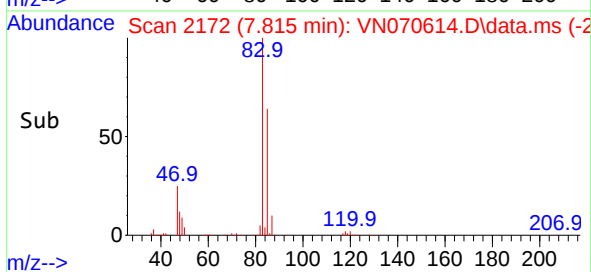
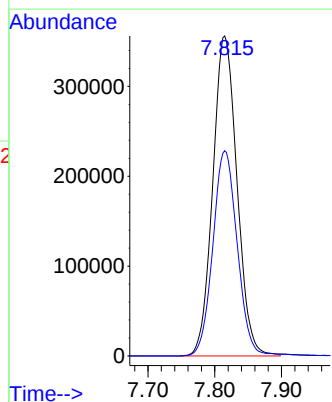
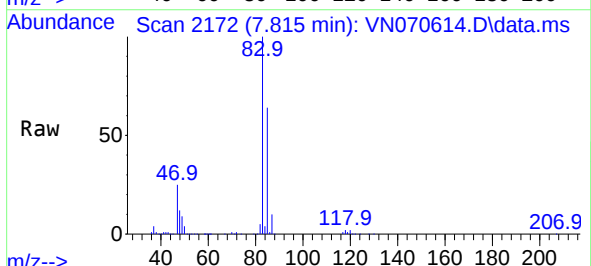
Reviewed By :John Carlone 01/17/2022

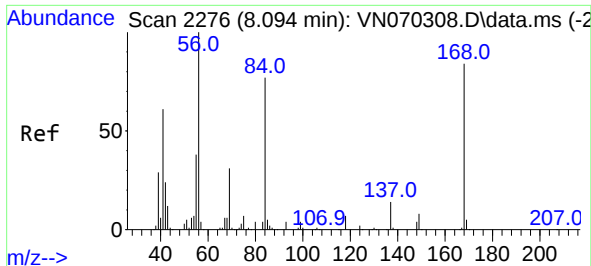
Supervised By :Mahesh Dadoda 01/18/2022



#30
Chloroform
Concen: 49.697 ug/l
RT: 7.815 min Scan# 2172
Delta R.T. -0.002 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

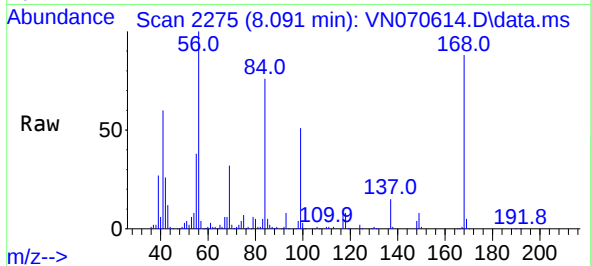
Tgt Ion: 83 Resp: 899047
Ion Ratio Lower Upper
83 100
85 64.2 51.9 77.9





#31
Cyclohexane
Concen: 47.681 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.003 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

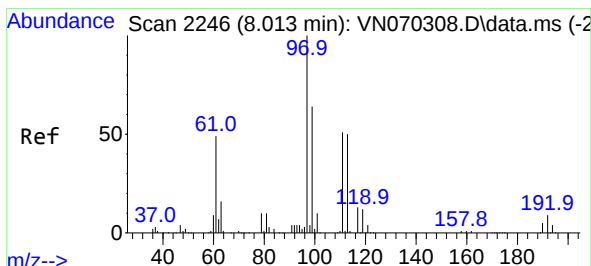
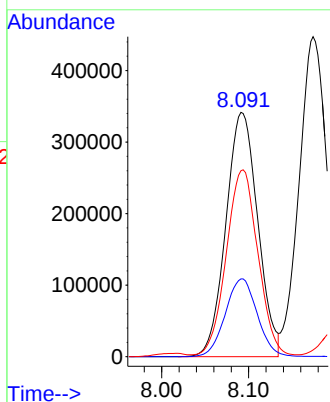
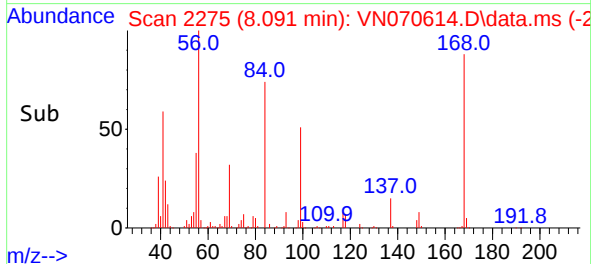
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



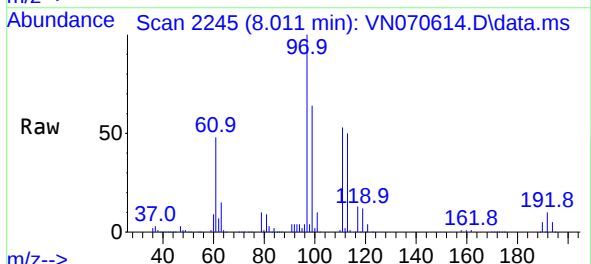
Tgt Ion: 56 Resp: 869920
Ion Ratio Lower Upper
56 100
69 31.8 27.1 40.7
84 74.7 73.4 110.0

Manual Integrations
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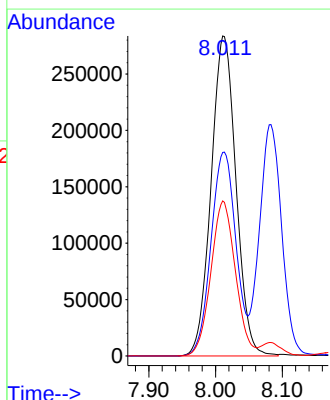
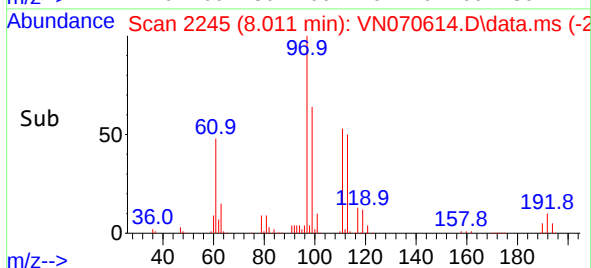
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

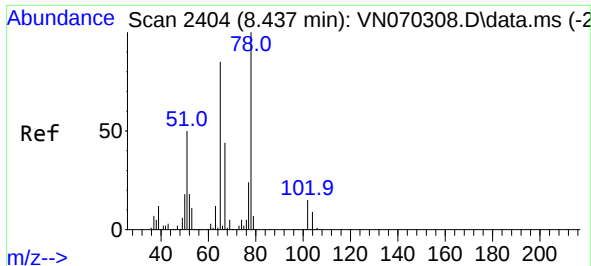


#32
1,1,1-Trichloroethane
Concen: 48.181 ug/l
RT: 8.011 min Scan# 2245
Delta R.T. -0.002 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57



Tgt Ion: 97 Resp: 734937
Ion Ratio Lower Upper
97 100
99 64.0 50.1 75.1
61 47.9 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 47.510 ug/l

RT: 8.434 min Scan# 2404

Delta R.T. -0.003 min

Lab File: VN070614.D

Acq: 14 Jan 2022 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 54929

Ion Ratio Lower Upper

65 100

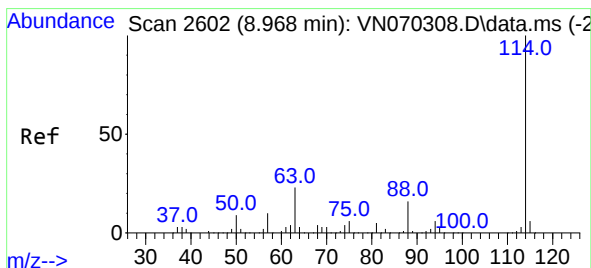
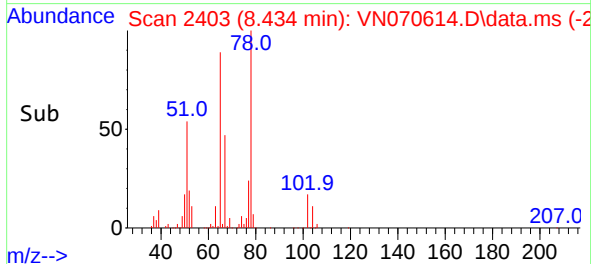
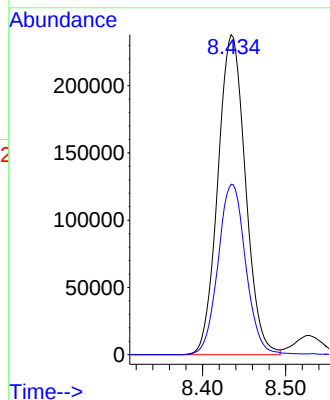
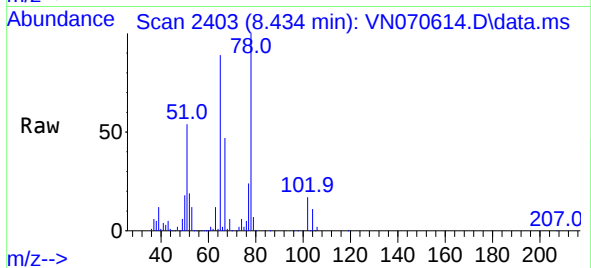
67 53.5 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/18/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070614.D

Acq: 14 Jan 2022 10:57

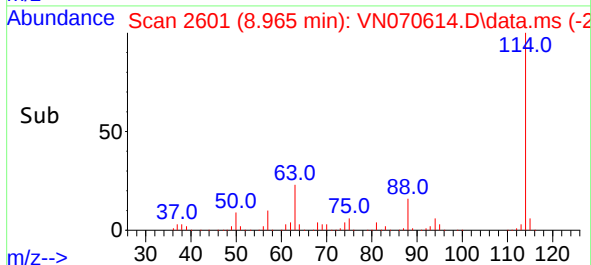
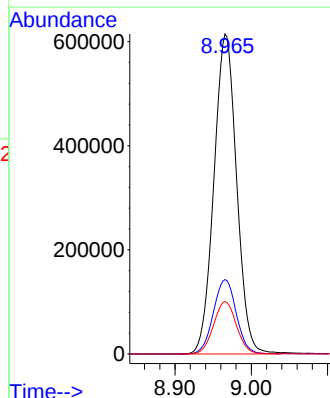
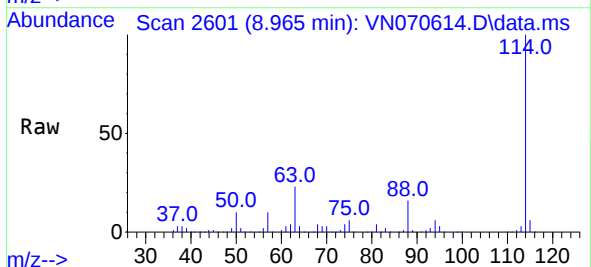
Tgt Ion:114 Resp: 1270367

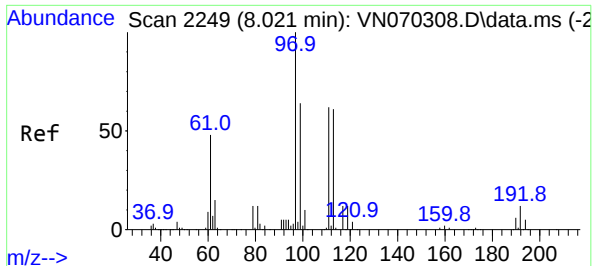
Ion Ratio Lower Upper

114 100

63 23.3 0.0 37.8

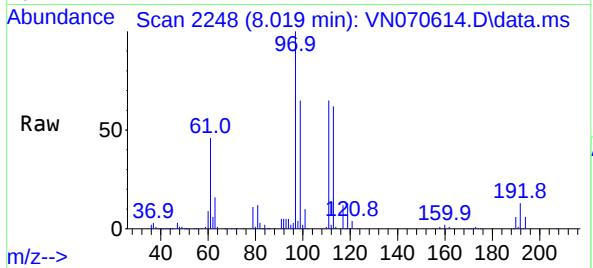
88 16.4 0.0 27.4





#35
Dibromofluoromethane
Concen: 52.493 ug/l
RT: 8.019 min Scan# 2113
Delta R.T. -0.002 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

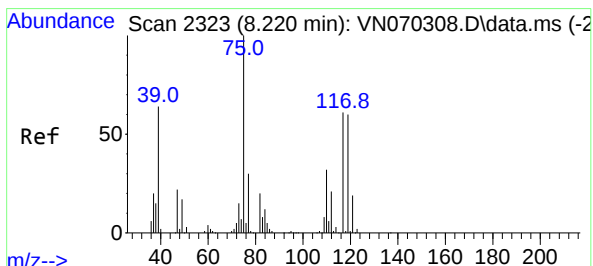
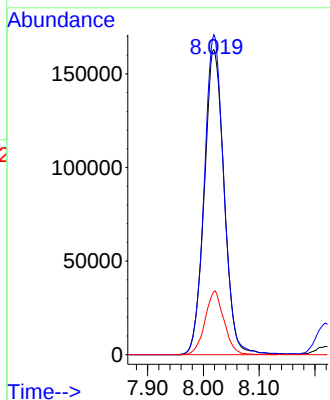
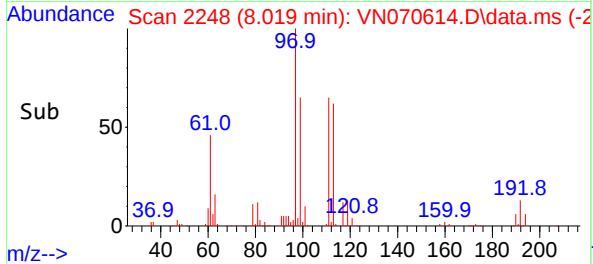
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



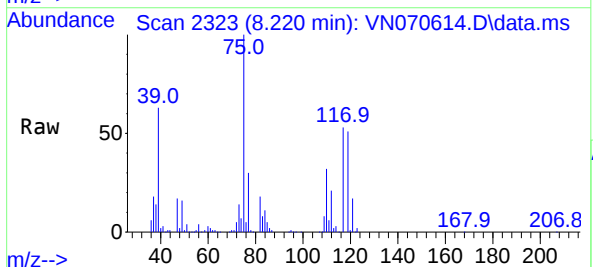
Tgt Ion:113 Resp: 40348
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 19.9 16.9 25.3

Manual Integrations
APPROVED

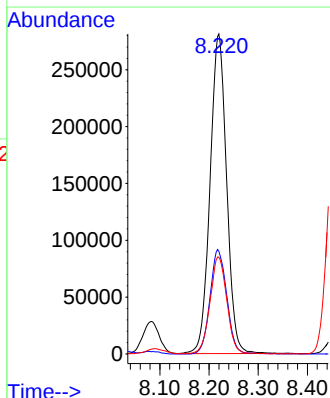
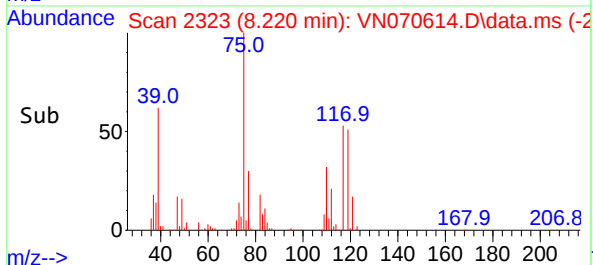
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

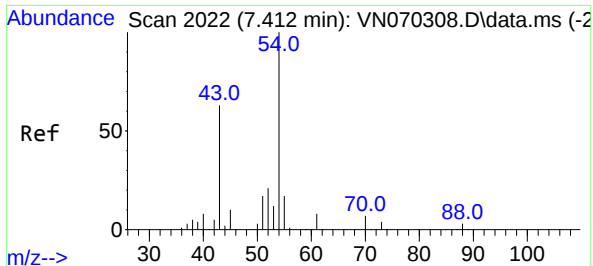


#36
1,1-Dichloropropene
Concen: 51.649 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57



Tgt Ion: 75 Resp: 656737
Ion Ratio Lower Upper
75 100
110 33.0 18.4 55.2
77 30.5 24.4 36.6





#37
Ethyl Acetate
Concen: 55.031 ug/l
RT: 7.410 min Scan# 2021
Delta R.T. -0.002 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

Instrument :

MSVOA_N

ClientSampleId :

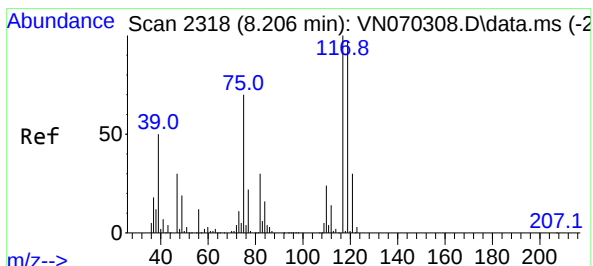
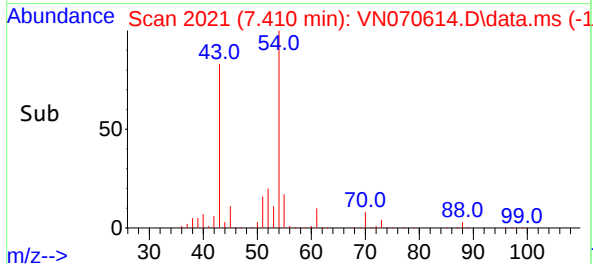
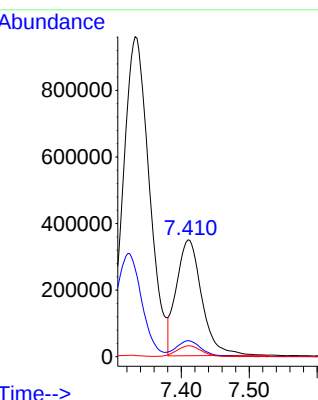
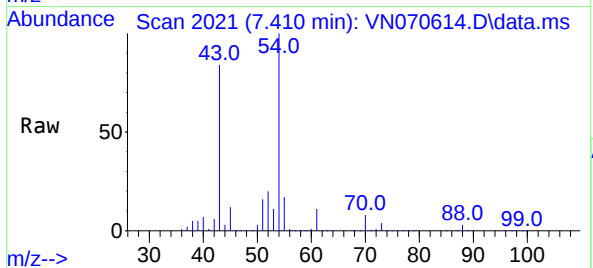
VSTDCCC050

Tgt Ion: 43 Resp: 907005
Ion Ratio Lower Upper
43 100
61 13.4 11.5 17.3
70 9.0 7.9 11.9

Manual Integrations

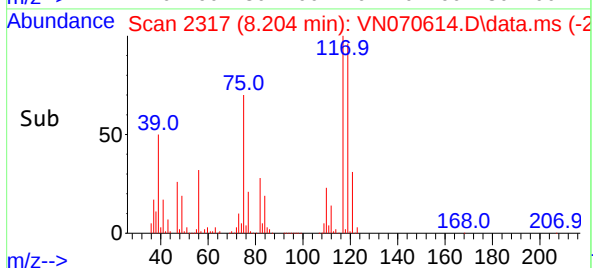
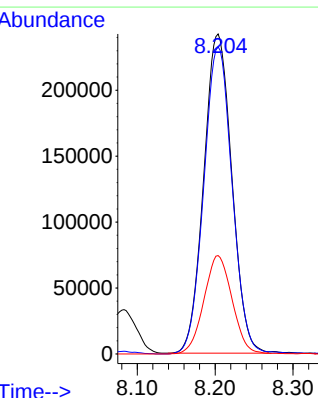
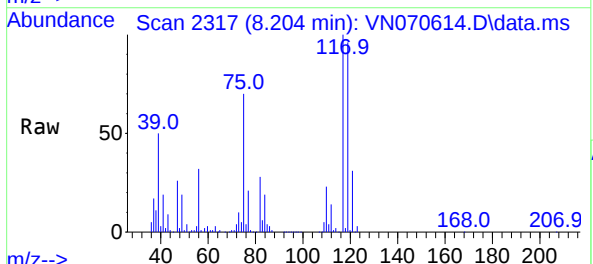
APPROVED

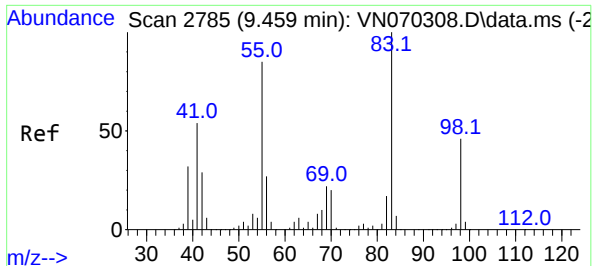
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#38
Carbon Tetrachloride
Concen: 49.901 ug/l
RT: 8.204 min Scan# 2317
Delta R.T. -0.002 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

Tgt Ion:117 Resp: 605886
Ion Ratio Lower Upper
117 100
119 96.2 76.1 114.1
121 30.8 24.2 36.2





#39
Methylcyclohexane
Concen: 52.017 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

Instrument :

MSVOA_N

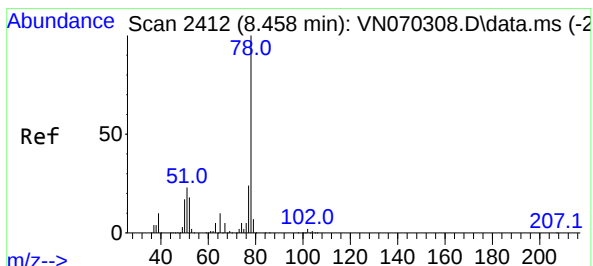
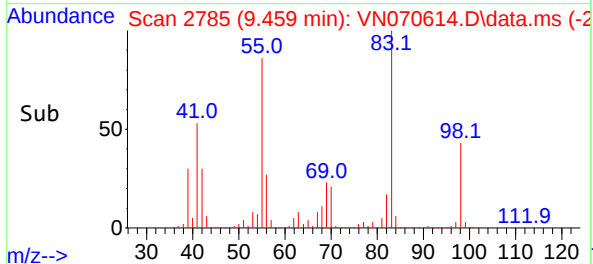
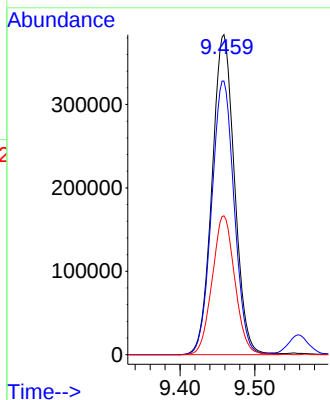
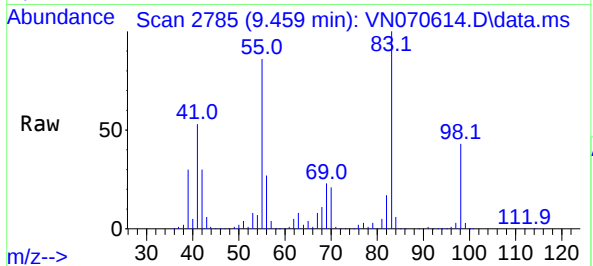
ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 80074
Ion Ratio Lower Upper
83 100
55 85.5 58.1 87.1
98 43.4 38.4 57.6

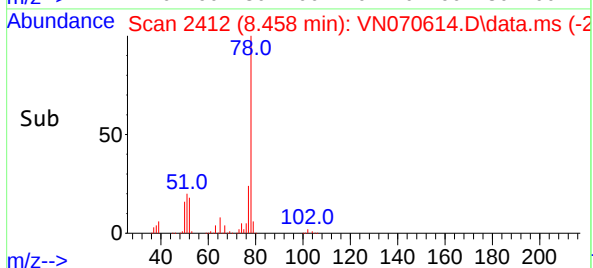
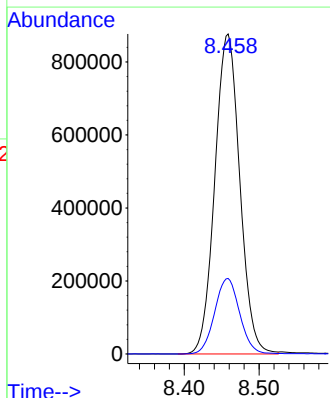
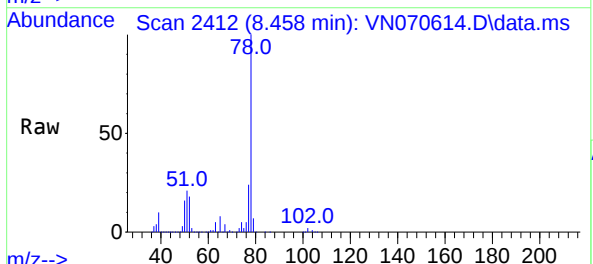
Manual Integrations
APPROVED

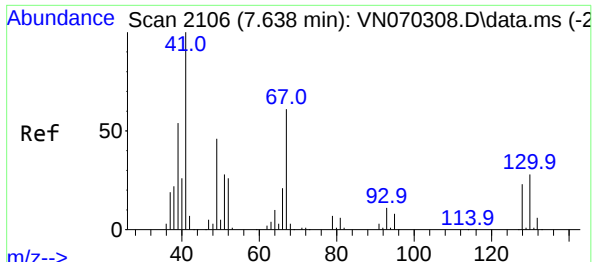
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#40
Benzene
Concen: 52.149 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. 0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

Tgt Ion: 78 Resp: 2032896
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8





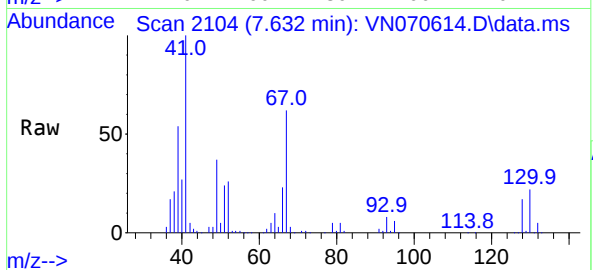
#41
Methacrylonitrile
Concen: 56.961 ug/l
RT: 7.632 min Scan# 2106
Delta R.T. -0.006 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

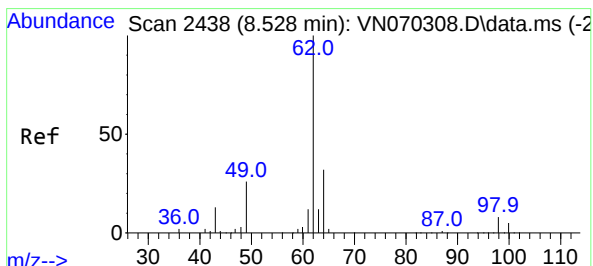
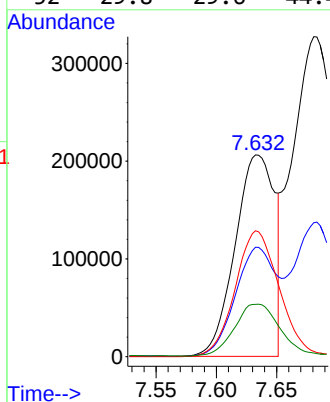
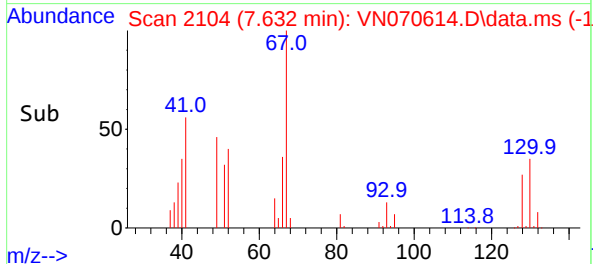


Tgt Ion: 41 Resp: 469574
Ion Ratio Lower Upper
41 100
39 55.8 48.1 72.1
67 70.0 68.3 102.5
52 29.8 29.6 44.4

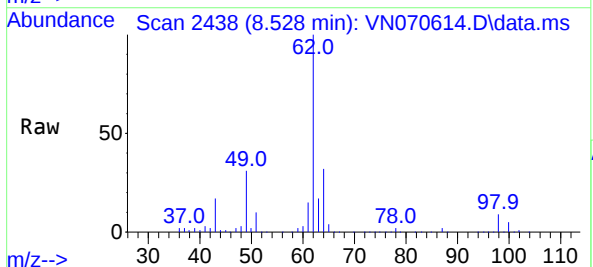
Manual Integrations

APPROVED

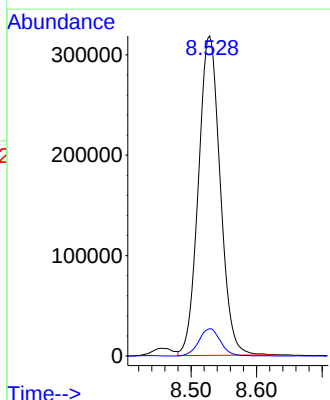
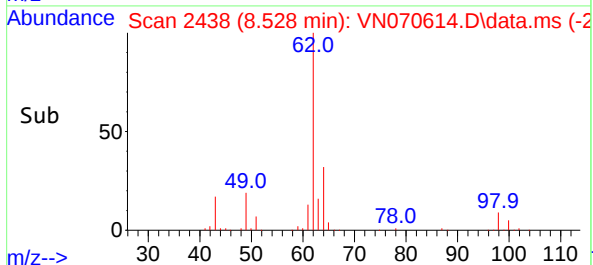
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

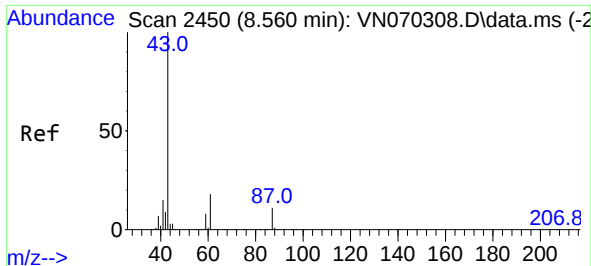


#42
1,2-Dichloroethane
Concen: 50.086 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57



Tgt Ion: 62 Resp: 733881
Ion Ratio Lower Upper
62 100
98 8.5 0.0 17.6





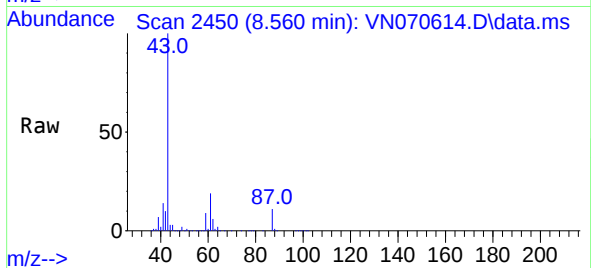
#43
Isopropyl Acetate
Concen: 54.694 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



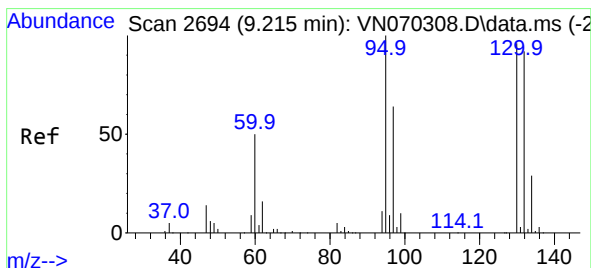
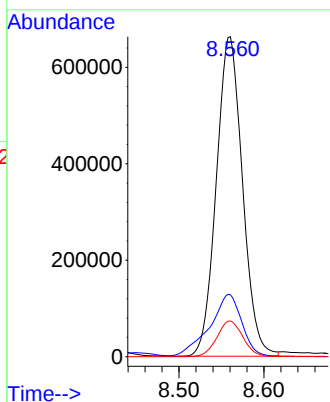
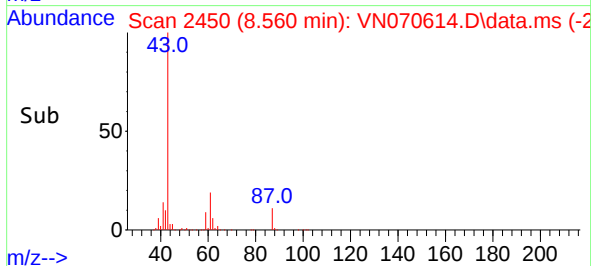
Tgt Ion: 43 Resp: 1421240
Ion Ratio Lower Upper
43 100
61 24.0 20.4 30.6
87 11.1 11.2 16.8

Manual Integrations

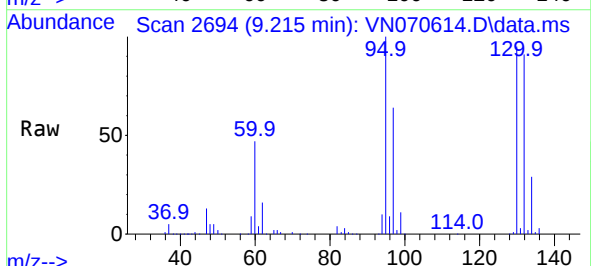
APPROVED

Reviewed By :John Carlone 01/17/2022

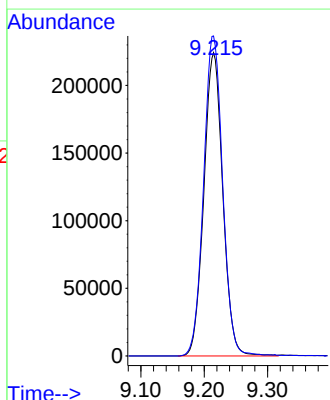
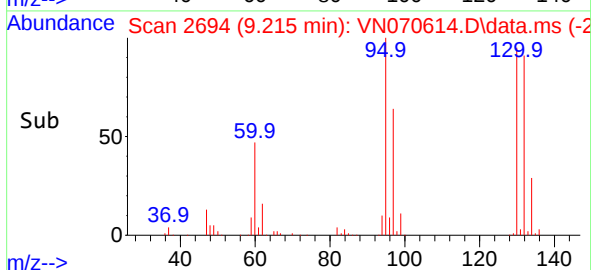
Supervised By :Mahesh Dadoda 01/18/2022

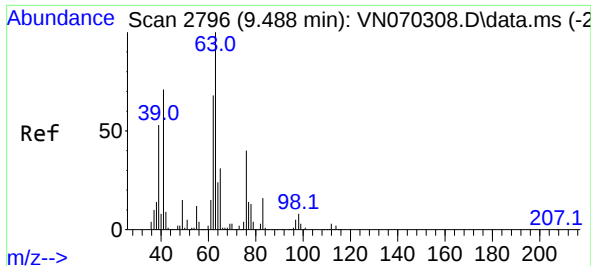


#44
Trichloroethene
Concen: 50.273 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57



Tgt Ion:130 Resp: 465653
Ion Ratio Lower Upper
130 100
95 105.5 0.0 191.2





#45

1,2-Dichloropropane

Concen: 55.759 ug/l

RT: 9.488 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070614.D

Acq: 14 Jan 2022 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 585239

Ion Ratio Lower Upper

63 100

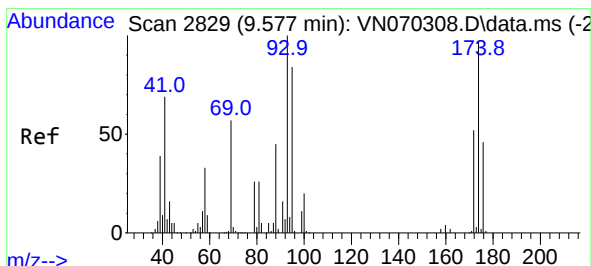
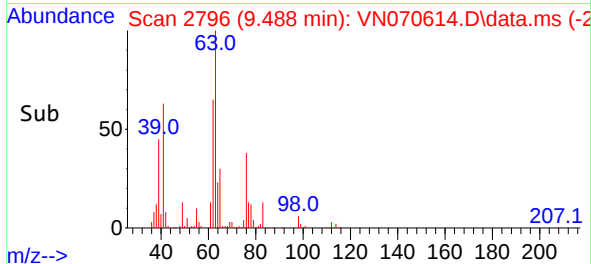
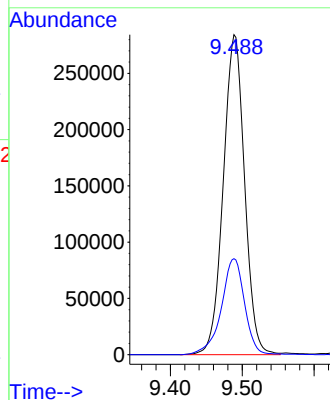
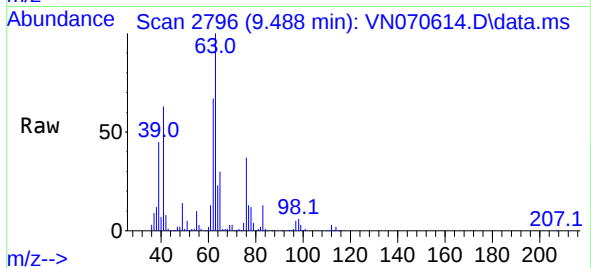
65 30.0 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/18/2022



#46

Dibromomethane

Concen: 52.395 ug/l

RT: 9.574 min Scan# 2828

Delta R.T. -0.003 min

Lab File: VN070614.D

Acq: 14 Jan 2022 10:57

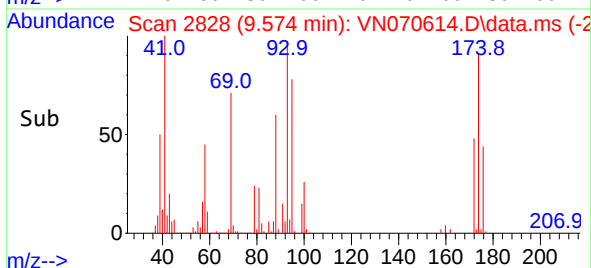
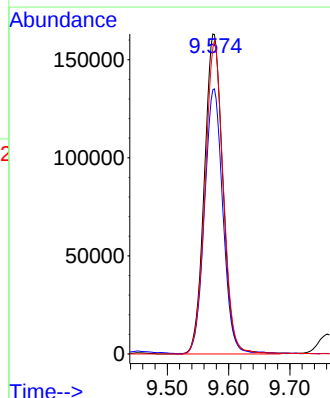
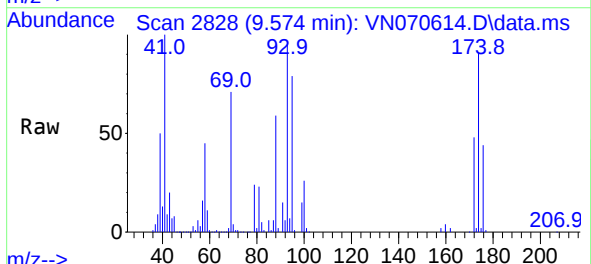
Tgt Ion: 93 Resp: 341956

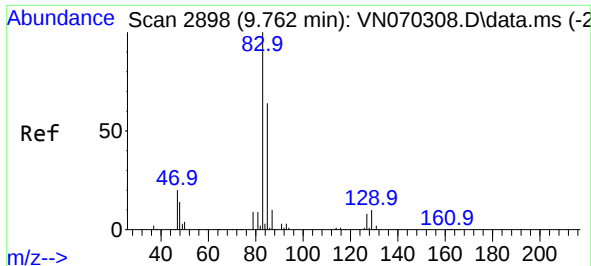
Ion Ratio Lower Upper

93 100

95 82.3 65.9 98.9

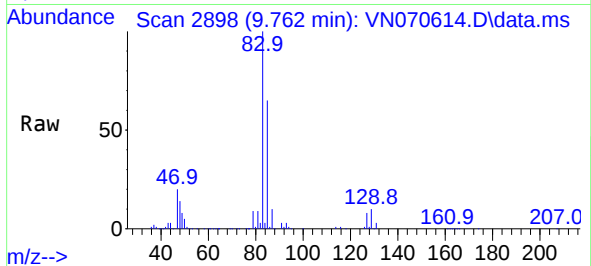
174 95.9 84.6 127.0





#47
Bromodichloromethane
Concen: 54.234 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

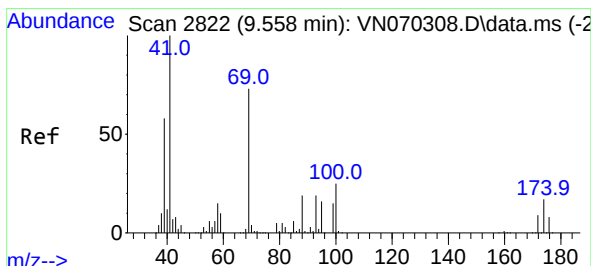
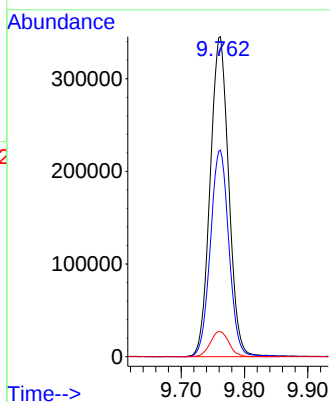
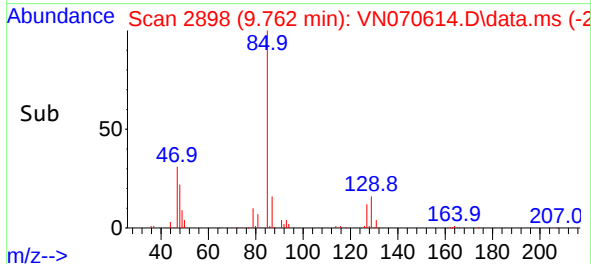
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



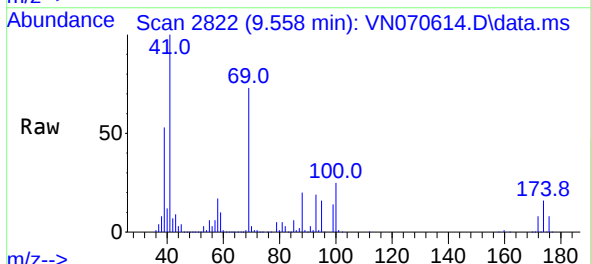
Tgt Ion: 83 Resp: 702825
Ion Ratio Lower Upper
83 100
85 64.6 50.9 76.3
127 7.8 7.1 10.7

Manual Integrations
APPROVED

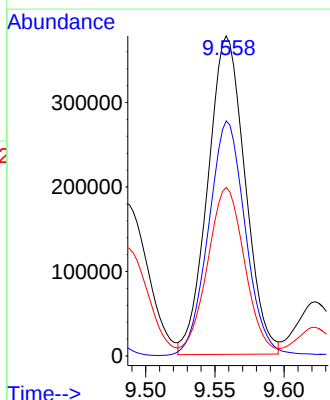
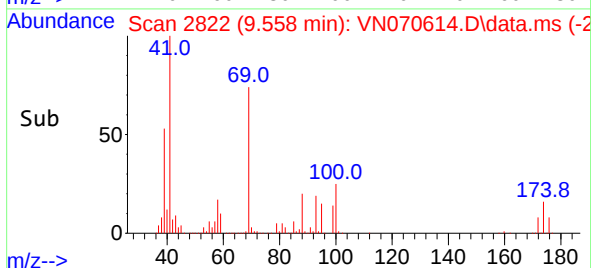
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

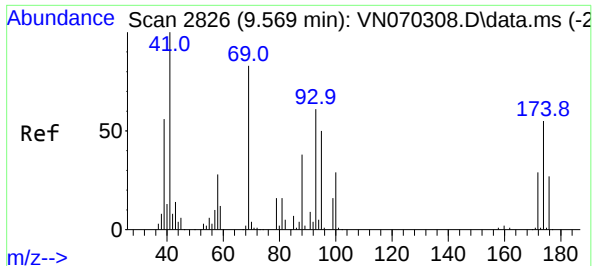


#48
Methyl methacrylate
Concen: 56.930 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. 0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57



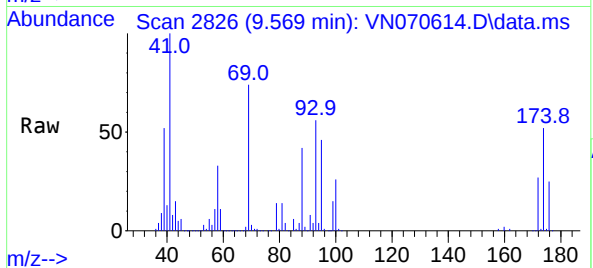
Tgt Ion: 41 Resp: 705631
Ion Ratio Lower Upper
41 100
69 73.6 72.4 108.6
39 49.1 58.4 87.6





#49
1,4-Dioxane
Concen: 1251.641 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

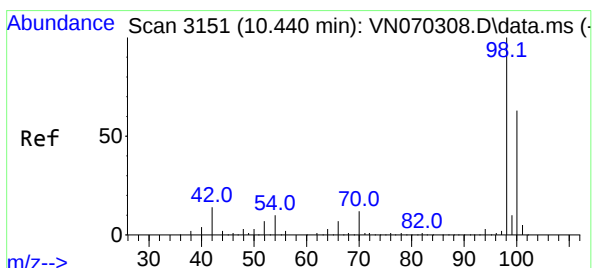
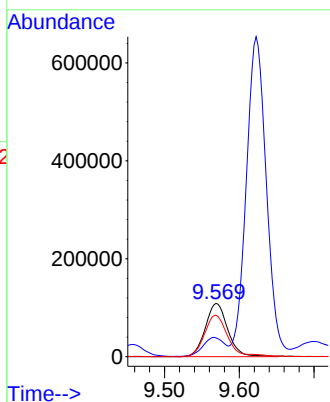
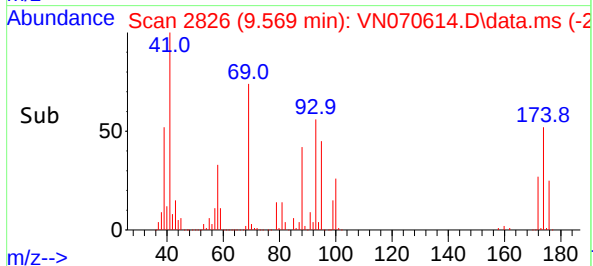
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



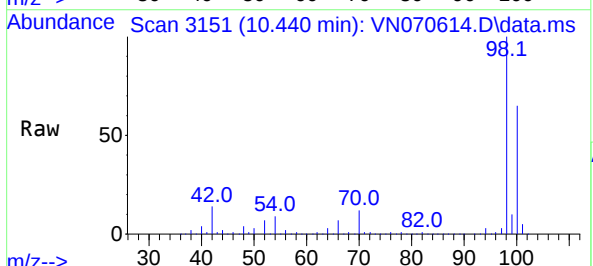
Tgt Ion: 88 Resp: 227094
Ion Ratio Lower Upper
88 100
43 33.6 23.4 35.2
58 77.9 50.6 75.8

Manual Integrations
APPROVED

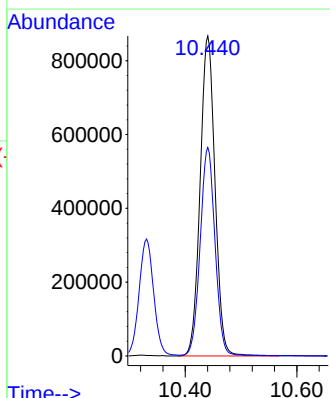
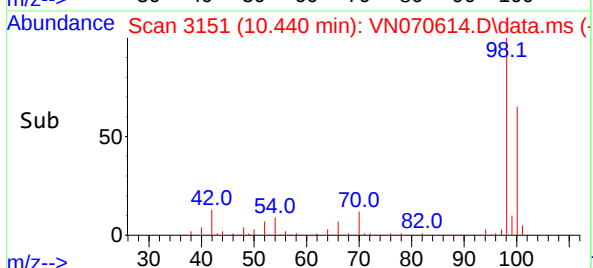
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

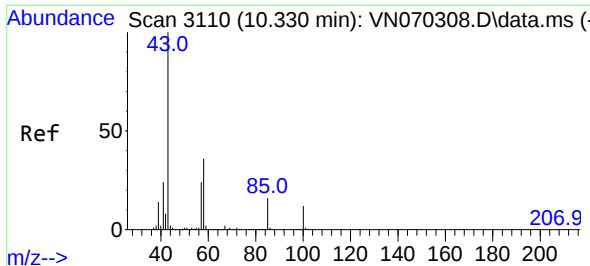


#50
Toluene-d8
Concen: 50.970 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57



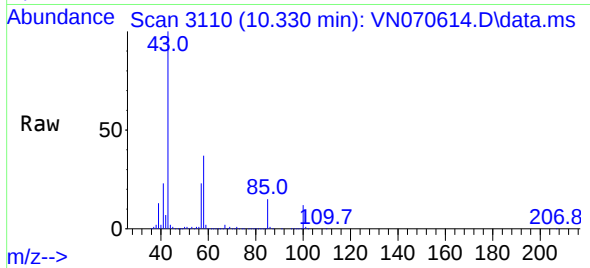
Tgt Ion: 98 Resp: 1600441
Ion Ratio Lower Upper
98 100
100 64.6 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 294.767 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

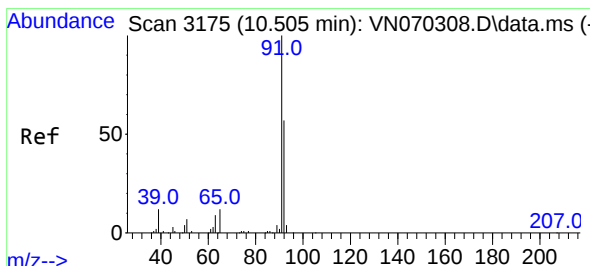
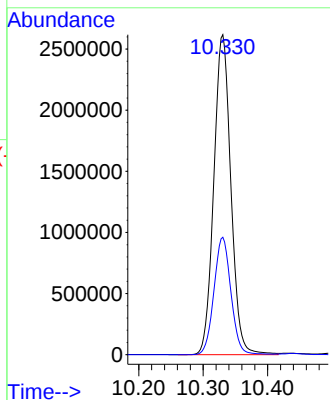
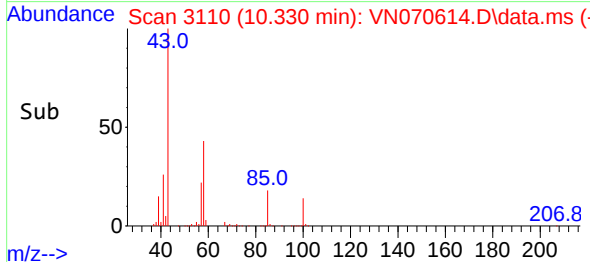
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



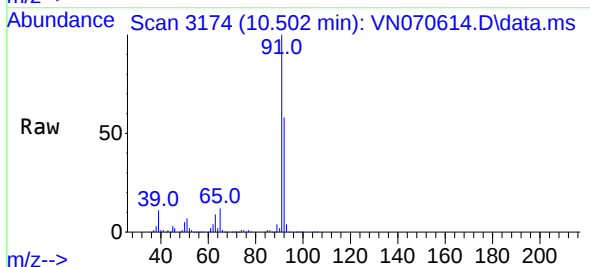
Tgt Ion: 43 Resp: 481300
Ion Ratio Lower Upper
43 100
58 36.5 30.4 45.6

Manual Integrations
APPROVED

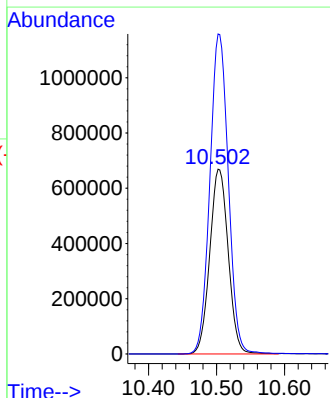
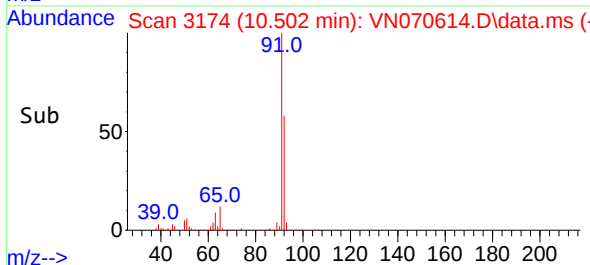
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

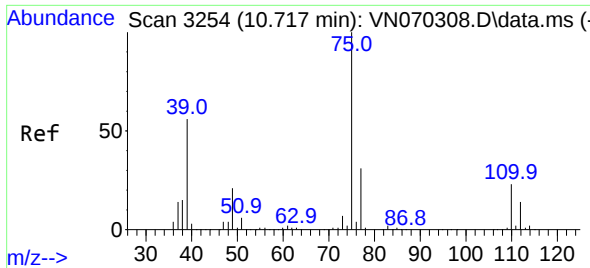


#52
Toluene
Concen: 53.494 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.003 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57



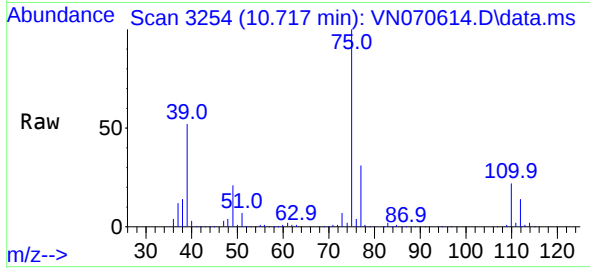
Tgt Ion: 92 Resp: 1262228
Ion Ratio Lower Upper
92 100
91 173.1 142.0 213.0





#53
 t-1,3-Dichloropropene
 Concen: 55.702 ug/l
 RT: 10.717 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VN070614.D
 Acq: 14 Jan 2022 10:57

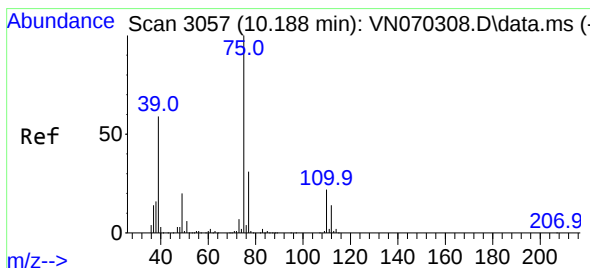
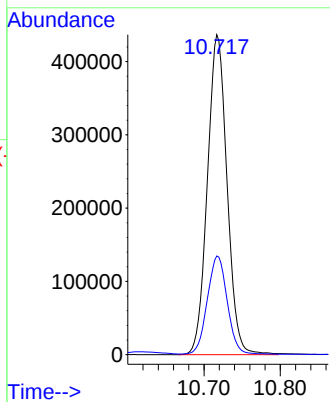
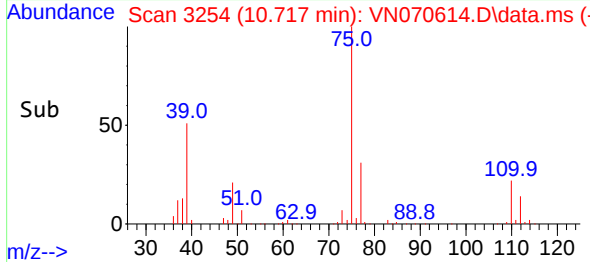
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



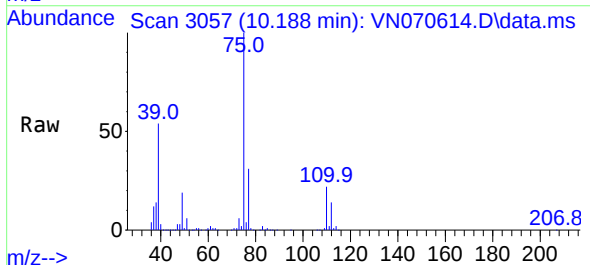
Tgt Ion: 75 Resp: 78145
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.6 38.4

Manual Integrations
 APPROVED

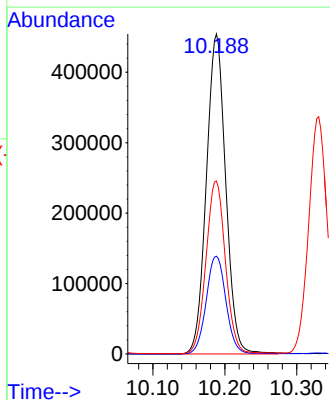
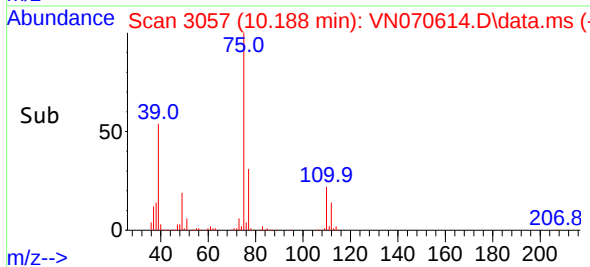
Reviewed By :John Carlone 01/17/2022
 Supervised By :Mahesh Dadoda 01/18/2022

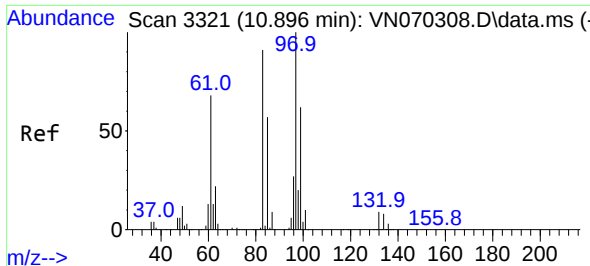


#54
 cis-1,3-Dichloropropene
 Concen: 56.085 ug/l
 RT: 10.188 min Scan# 3057
 Delta R.T. 0.000 min
 Lab File: VN070614.D
 Acq: 14 Jan 2022 10:57



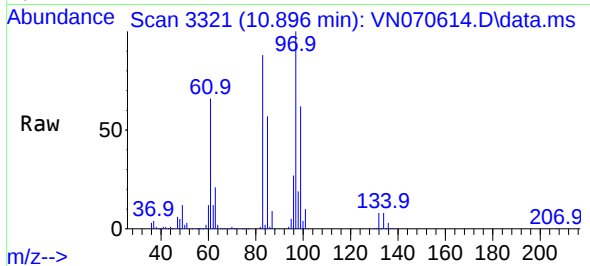
Tgt Ion: 75 Resp: 851156
 Ion Ratio Lower Upper
 75 100
 77 30.5 26.4 39.6
 39 53.9 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 54.937 ug/l
RT: 10.896 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

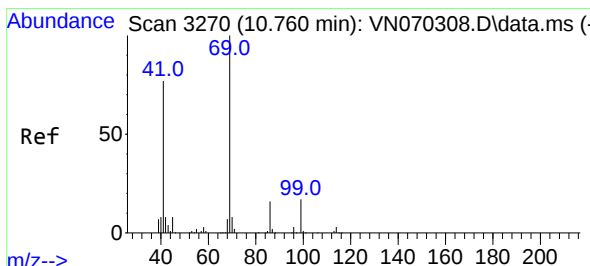
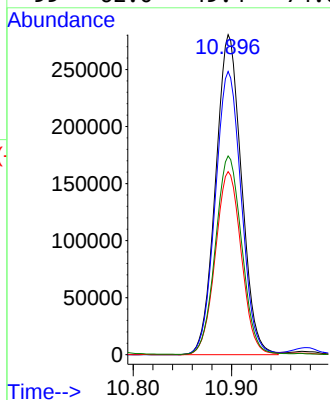
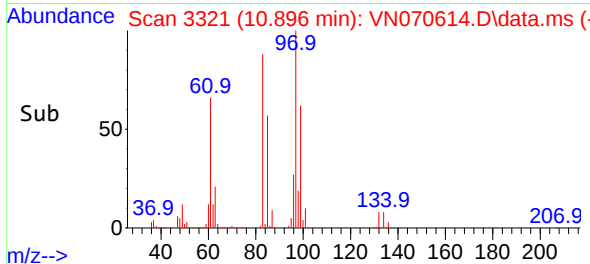
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



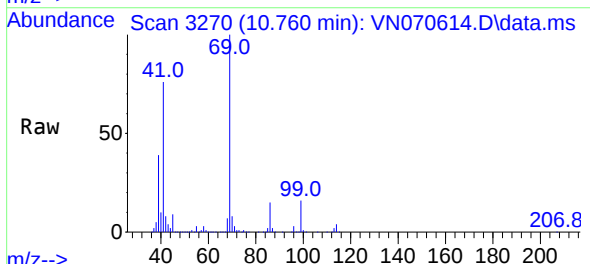
Tgt Ion: 97 Resp: 512884
Ion Ratio Lower Upper
97 100
83 88.5 67.8 101.6
85 57.2 45.4 68.2
99 62.0 49.4 74.0

Manual Integrations
APPROVED

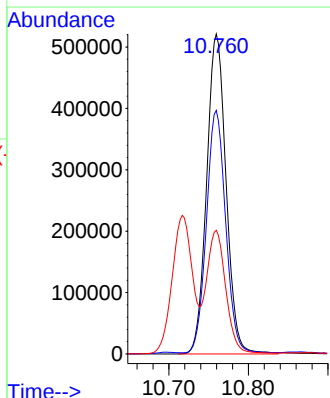
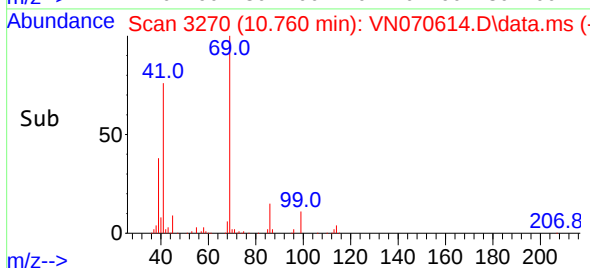
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

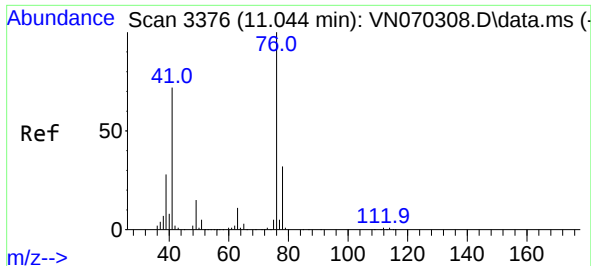


#56
Ethyl methacrylate
Concen: 57.466 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57



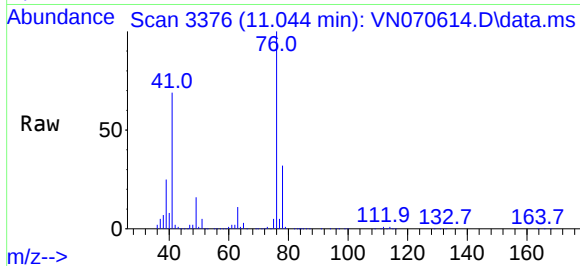
Tgt Ion: 69 Resp: 886464
Ion Ratio Lower Upper
69 100
41 74.8 51.4 77.0
39 36.9 34.6 52.0





#57
1,3-Dichloropropane
Concen: 55.000 ug/l
RT: 11.044 min Scan# 311
Delta R.T. -0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

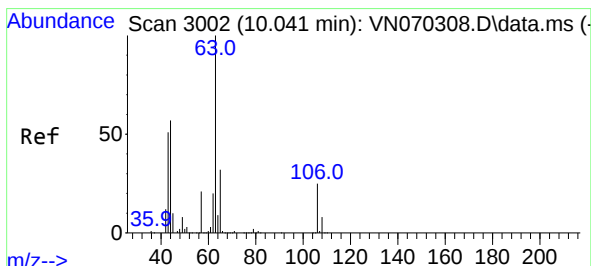
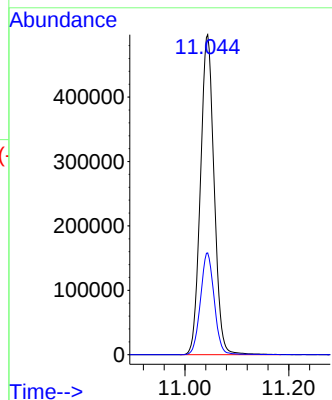
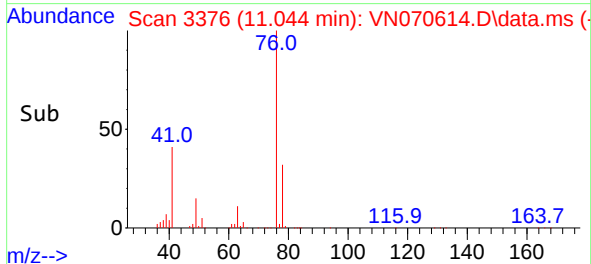
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



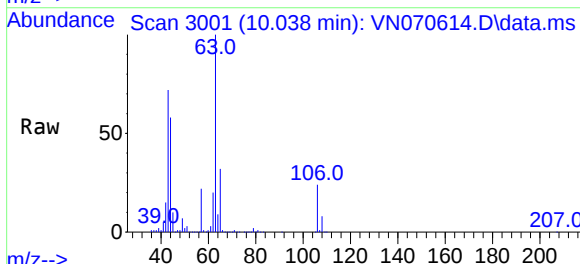
Tgt Ion: 76 Resp: 908200
Ion Ratio Lower Upper
76 100
78 31.9 25.7 38.5

Manual Integrations
APPROVED

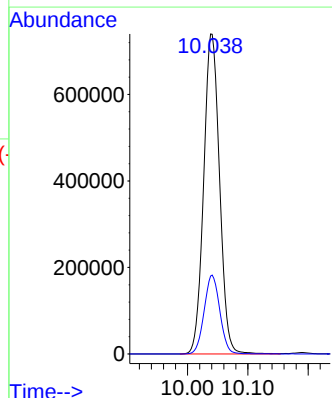
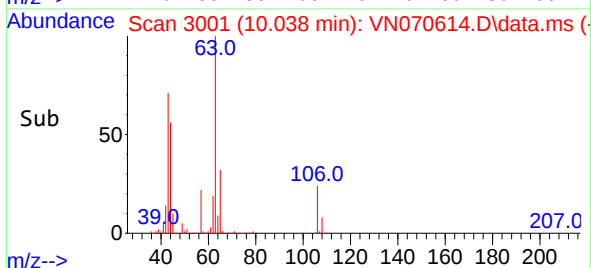
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

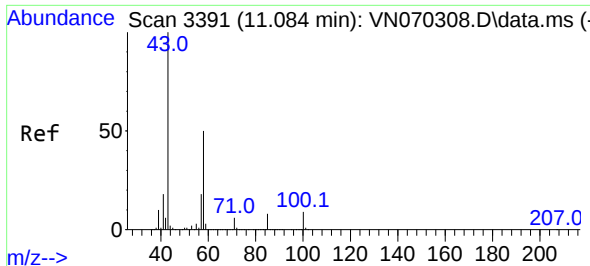


#58
2-Chloroethyl Vinyl ether
Concen: 336.549 ug/l
RT: 10.038 min Scan# 3001
Delta R.T. -0.003 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57



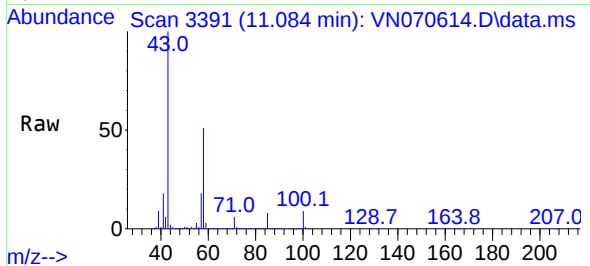
Tgt Ion: 63 Resp: 1353361
Ion Ratio Lower Upper
63 100
106 24.3 23.9 35.9





#59
2-Hexanone
Concen: 305.905 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

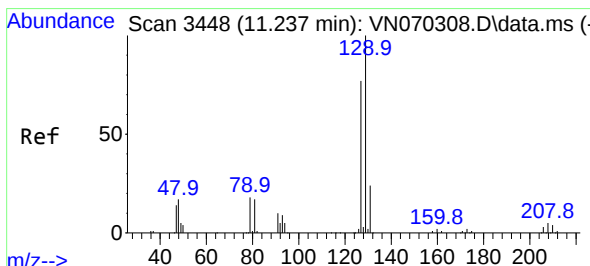
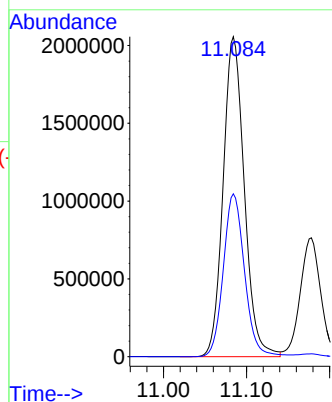
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 364249
Ion Ratio Lower Upper
43 100
58 51.1 26.9 80.7

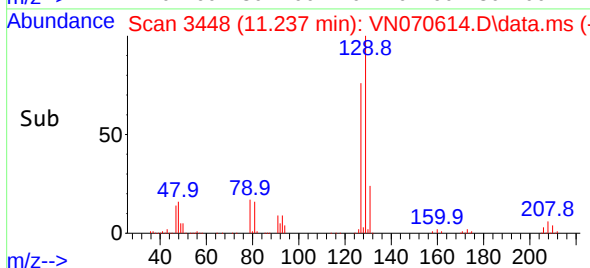
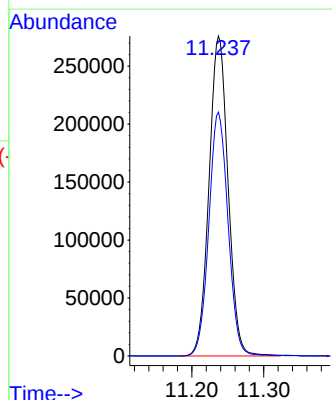
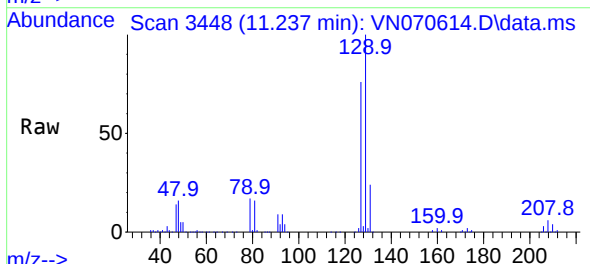
Manual Integrations
APPROVED

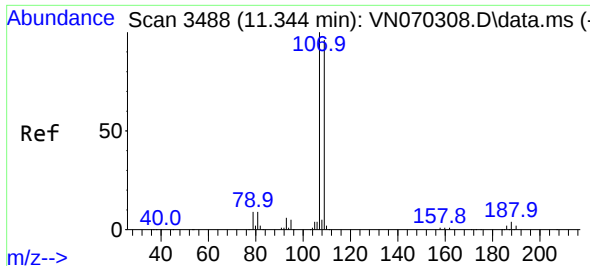
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#60
Dibromochloromethane
Concen: 55.784 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. 0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

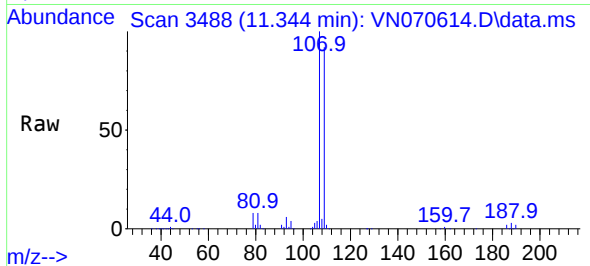
Tgt Ion:129 Resp: 508130
Ion Ratio Lower Upper
129 100
127 76.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 54.415 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. 0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

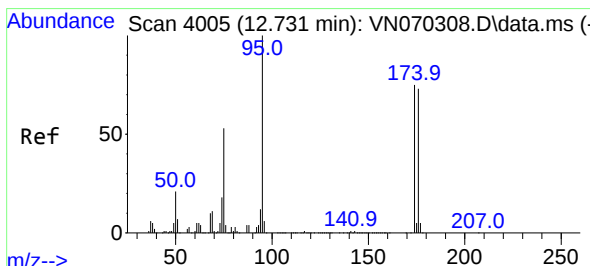
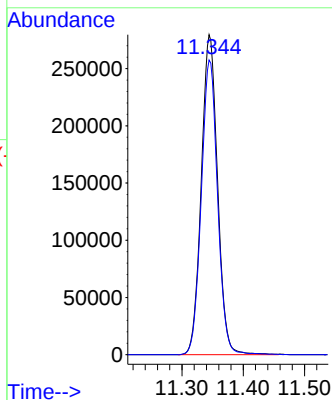
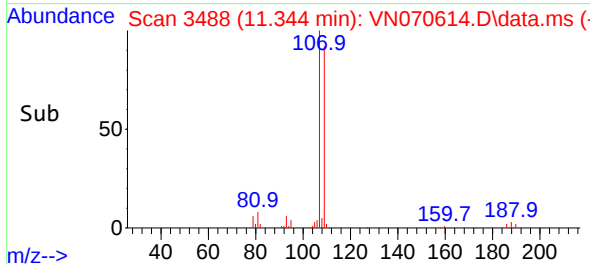
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



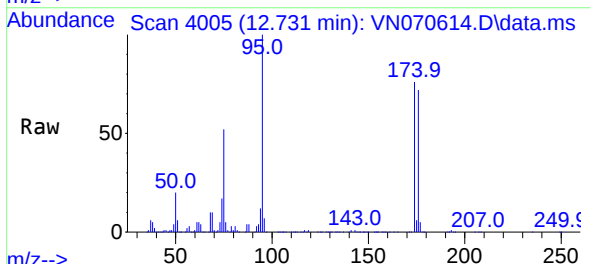
Tgt Ion:107 Resp: 515820
Ion Ratio Lower Upper
107 100
109 92.0 75.7 113.5

Manual Integrations
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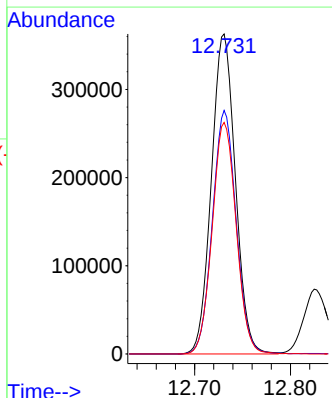
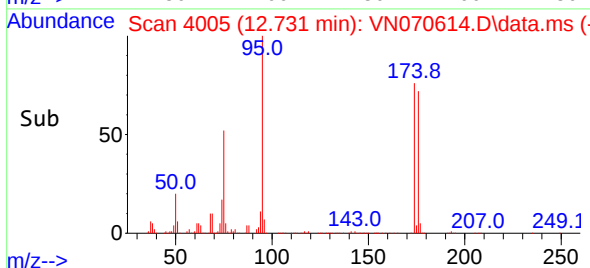
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

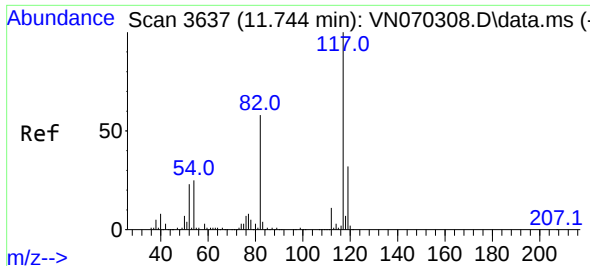


#62
4-Bromofluorobenzene
Concen: 55.522 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57



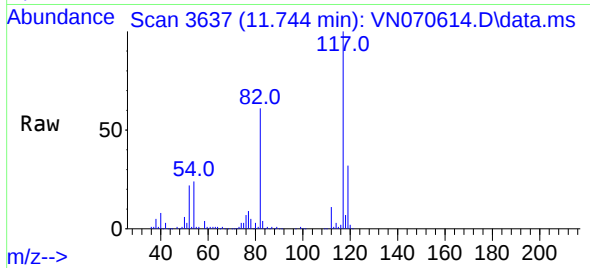
Tgt Ion: 95 Resp: 629670
Ion Ratio Lower Upper
95 100
174 75.5 0.0 187.2
176 72.4 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

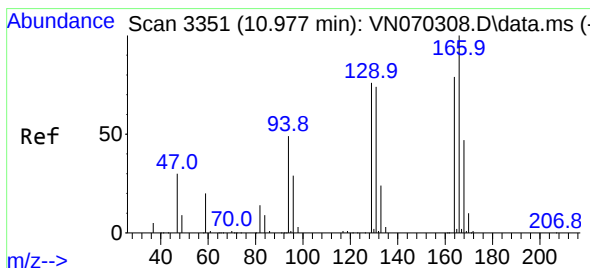
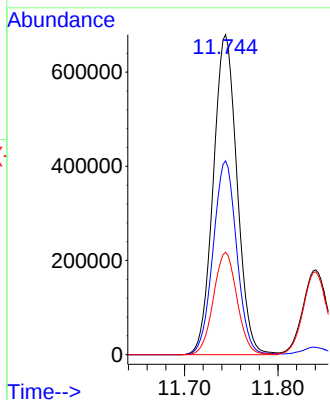
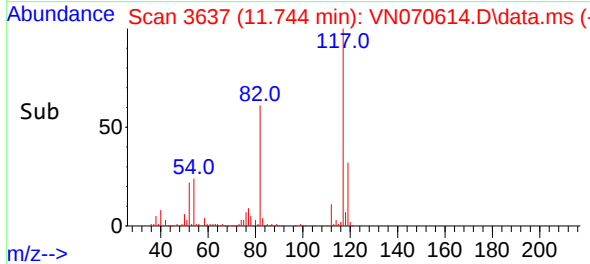
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



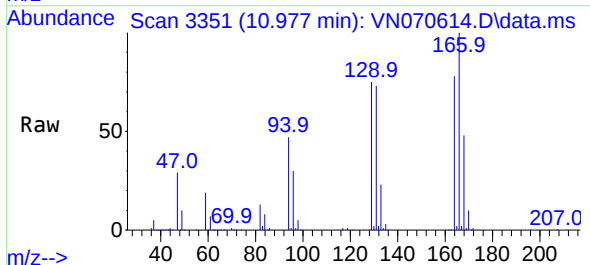
Tgt Ion:117 Resp: 1200698
Ion Ratio Lower Upper
117 100
82 60.6 42.4 63.6
119 32.0 25.4 38.2

Manual Integrations
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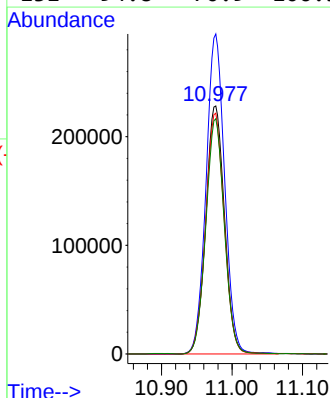
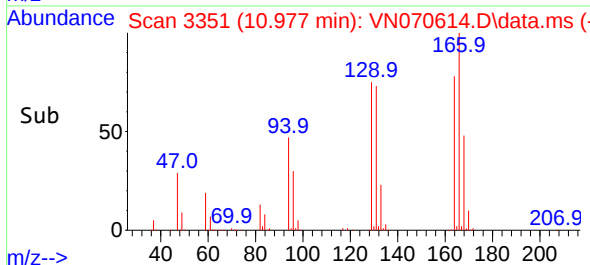
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

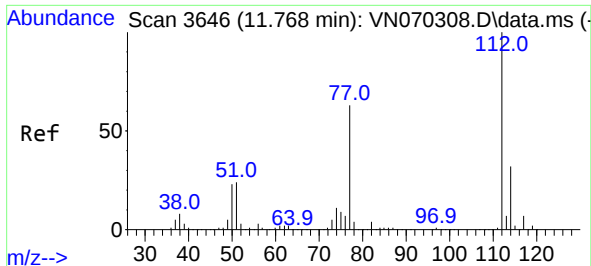


#64
Tetrachloroethene
Concen: 48.460 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57



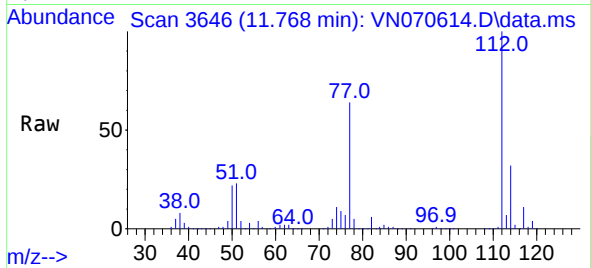
Tgt Ion:164 Resp: 421345
Ion Ratio Lower Upper
164 100
166 129.0 101.9 152.9
129 97.1 72.0 108.0
131 94.8 70.9 106.3





#65
Chlorobenzene
Concen: 52.050 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. 0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

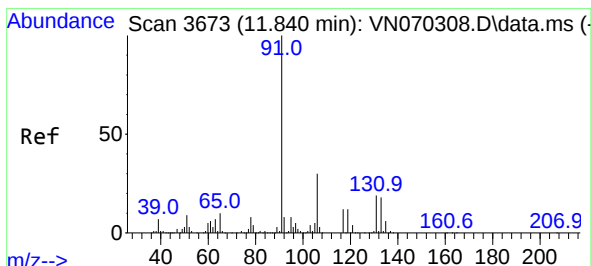
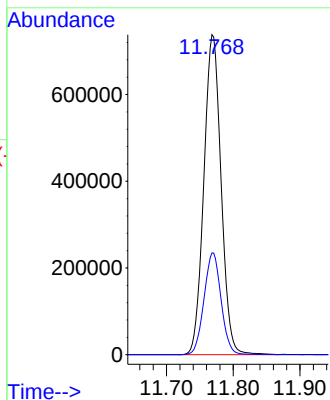
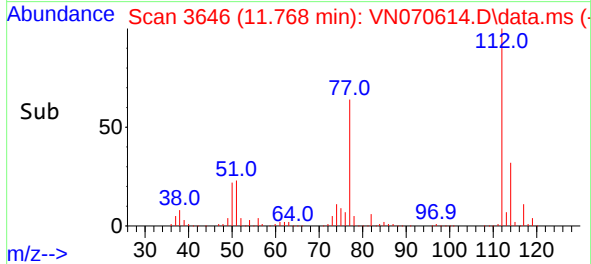
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



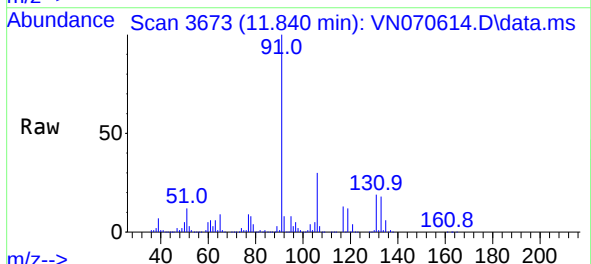
Tgt Ion:112 Resp: 1326038
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0

Manual Integrations
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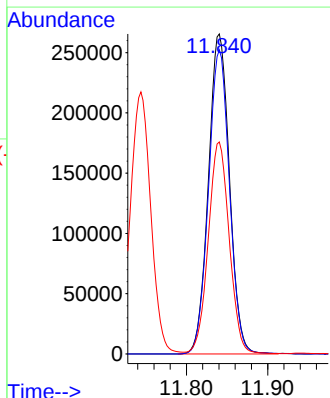
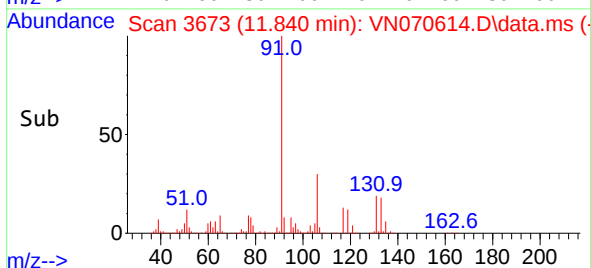
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

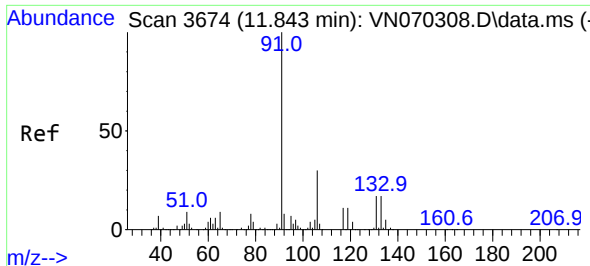


#66
1,1,1,2-Tetrachloroethane
Concen: 52.550 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. 0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57



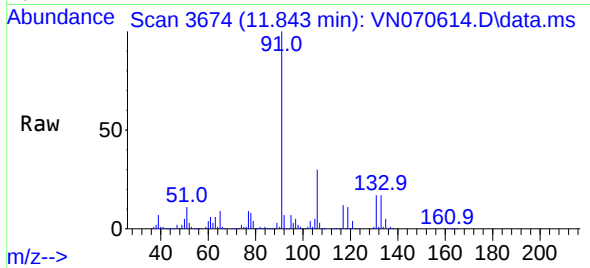
Tgt Ion:131 Resp: 477941
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.7
119 66.0 32.1 96.5





#67
Ethyl Benzene
Concen: 53.508 ug/l
RT: 11.843 min Scan# 3074
Delta R.T. 0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

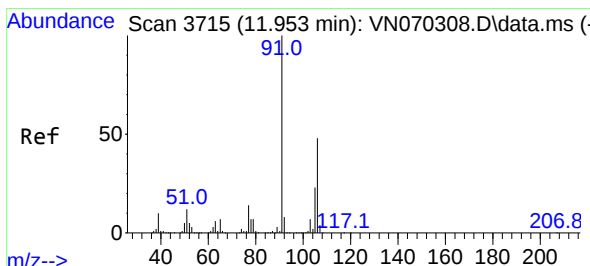
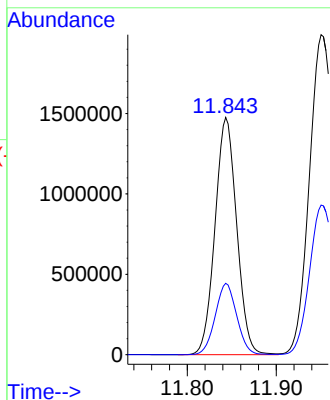
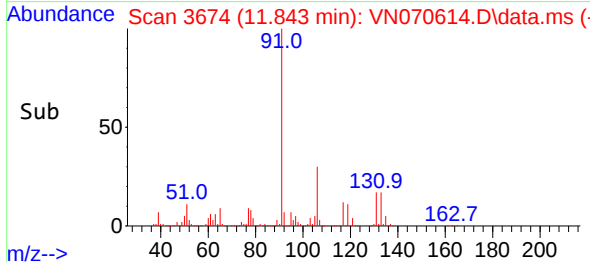
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



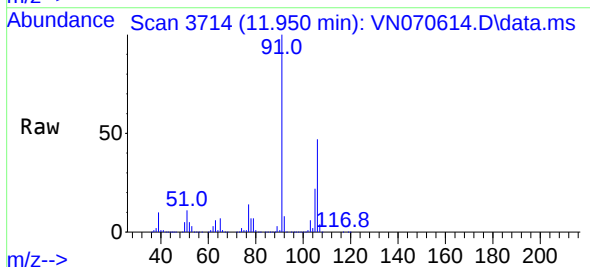
Tgt Ion: 91 Resp: 2497679
Ion Ratio Lower Upper
91 100
106 30.1 25.7 38.5

Manual Integrations
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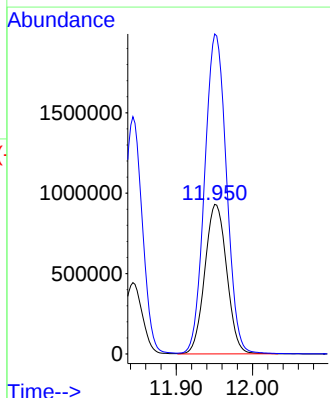
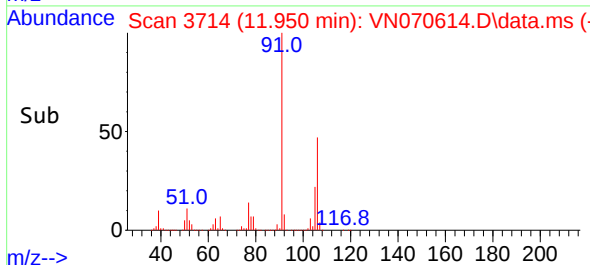
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

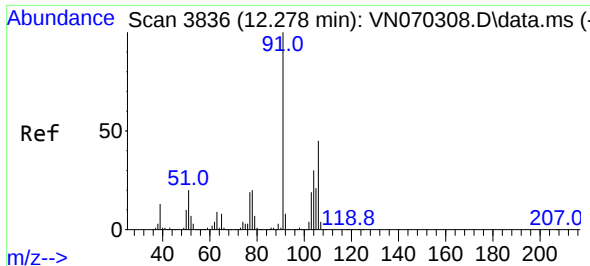


#68
m/p-Xylenes
Concen: 109.081 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57



Tgt Ion:106 Resp: 1853415
Ion Ratio Lower Upper
106 100
91 213.6 160.6 240.8





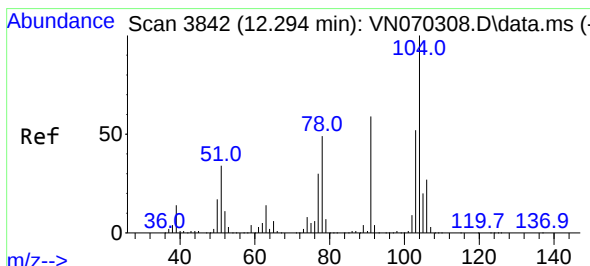
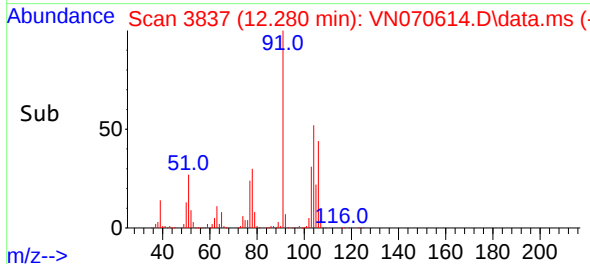
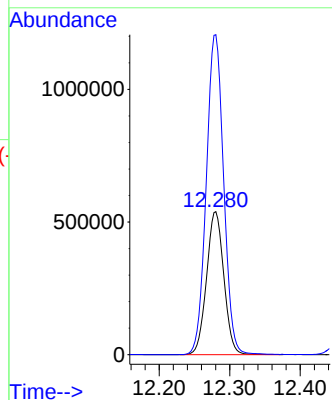
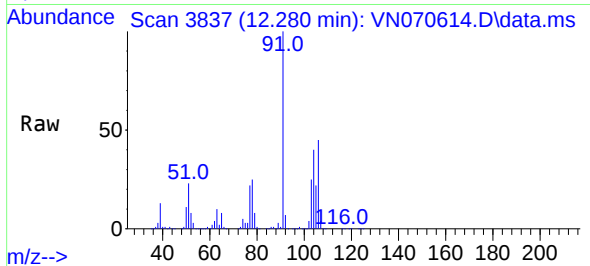
#69
o-Xylene
Concen: 54.291 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 917539
Ion Ratio Lower Upper
106 100
91 225.1 105.8 317.3

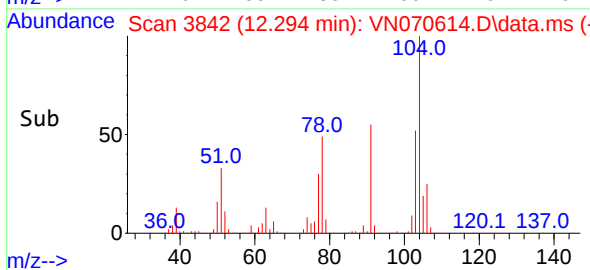
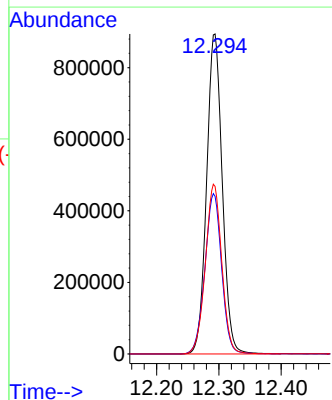
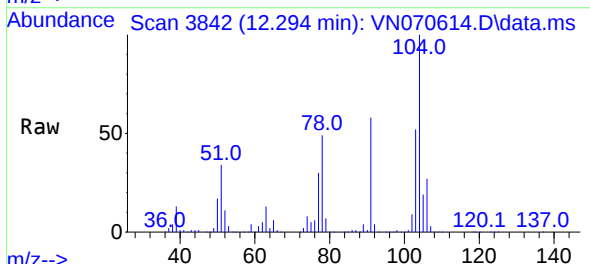
Manual Integrations
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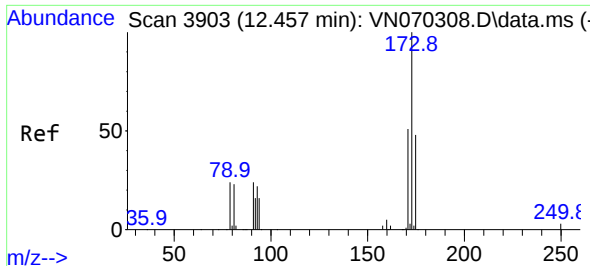
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#70
Styrene
Concen: 58.387 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

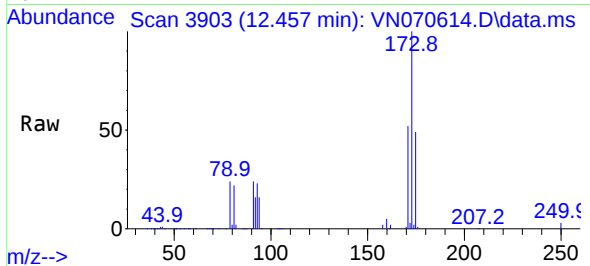
Tgt Ion:104 Resp: 1561767
Ion Ratio Lower Upper
104 100
78 53.7 38.7 58.1
103 55.7 45.0 67.6





#71
Bromoform
Concen: 57.548 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. 0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

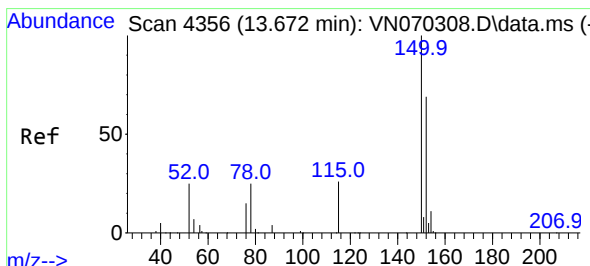
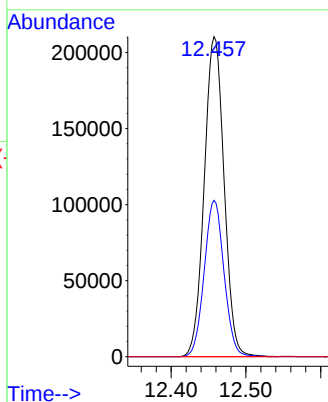
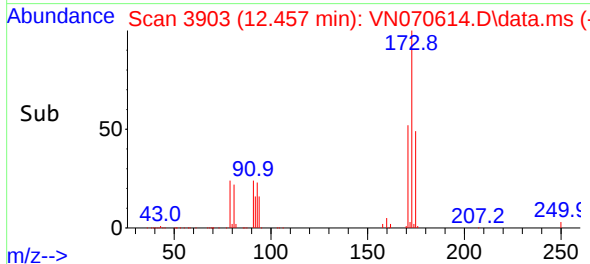
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



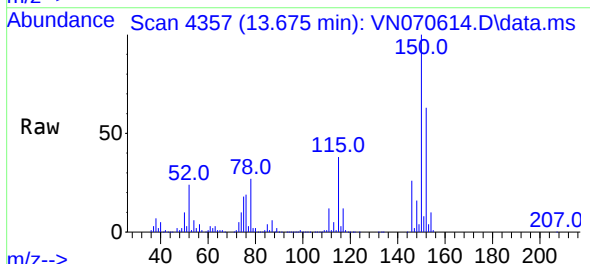
Tgt Ion:173 Resp: 388440
Ion Ratio Lower Upper
173 100
175 48.7 24.2 72.6
254 0.0 0.0 0.0

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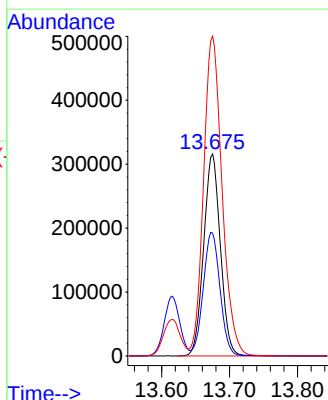
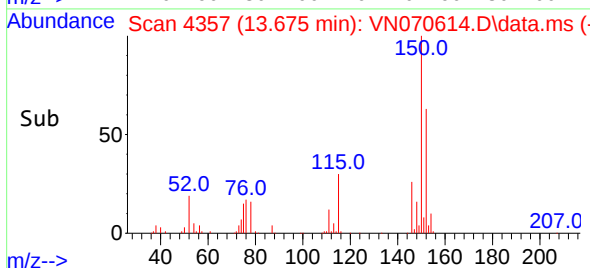
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

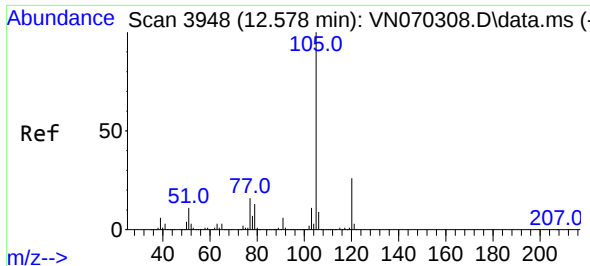


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57



Tgt Ion:152 Resp: 540142
Ion Ratio Lower Upper
152 100
115 61.0 27.5 82.5
150 175.4 0.0 344.4





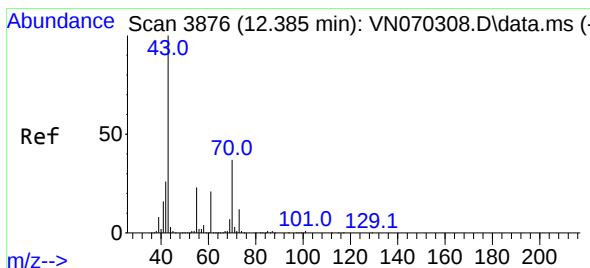
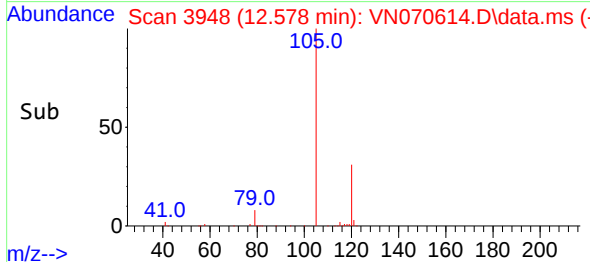
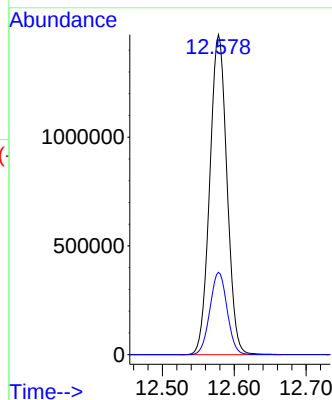
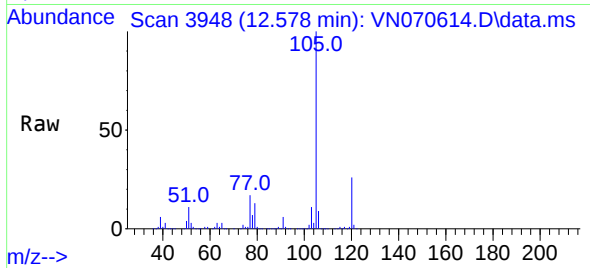
#73
Isopropylbenzene
Concen: 48.852 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 245041
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1

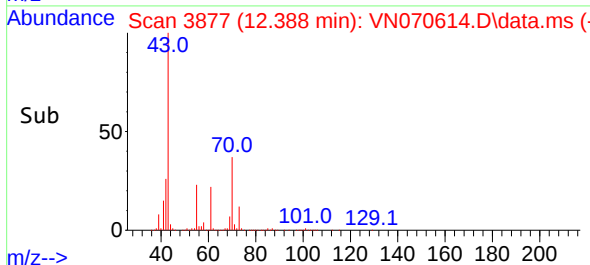
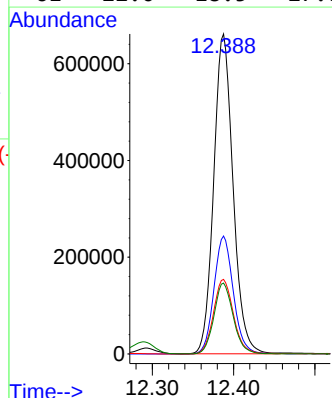
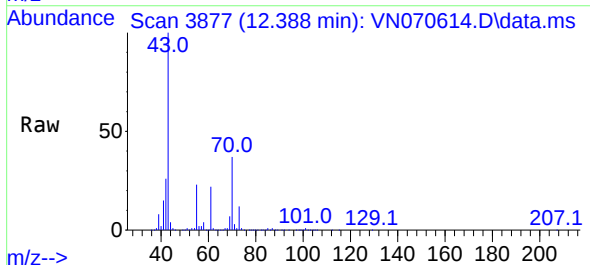
Manual Integrations
APPROVED

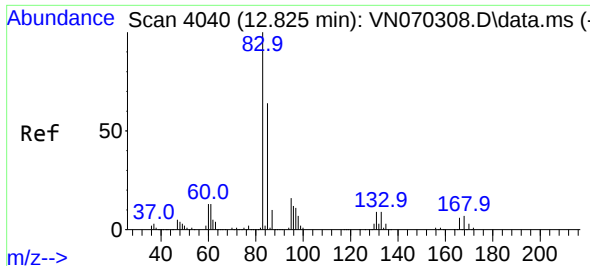
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#74
N-ethyl acetate
Concen: 51.818 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

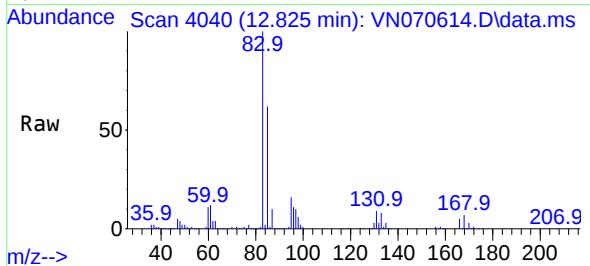
Tgt Ion: 43 Resp: 1092871
Ion Ratio Lower Upper
43 100
70 37.0 33.4 50.0
55 24.3 19.3 28.9
61 22.0 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 50.458 ug/l
RT: 12.825 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

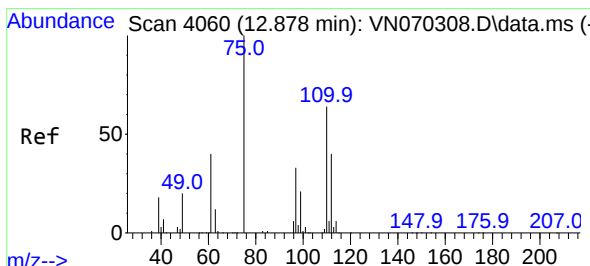
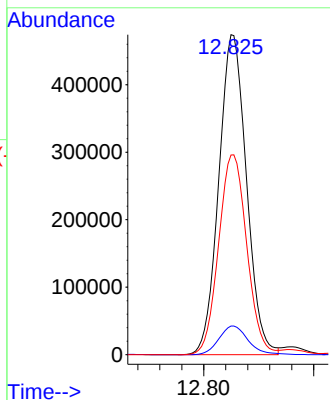
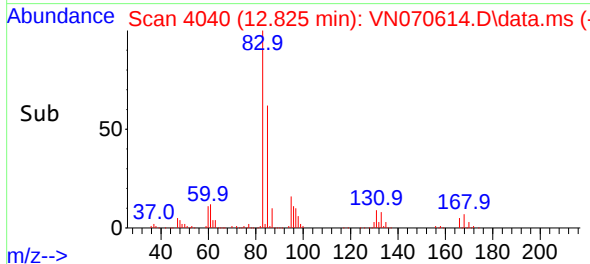
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



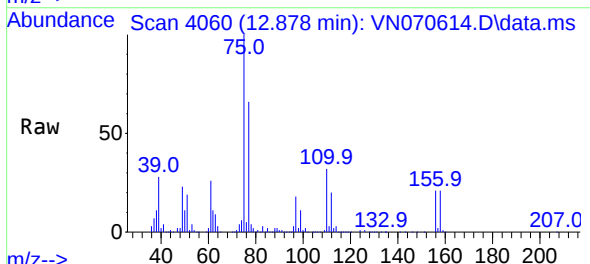
Tgt Ion: 83 Resp: 829094
Ion Ratio Lower Upper
83 100
131 9.4 5.5 16.5
85 63.6 32.4 97.2

Manual Integrations
APPROVED

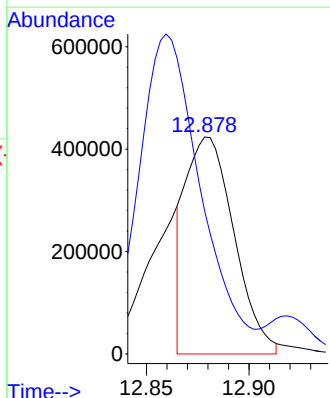
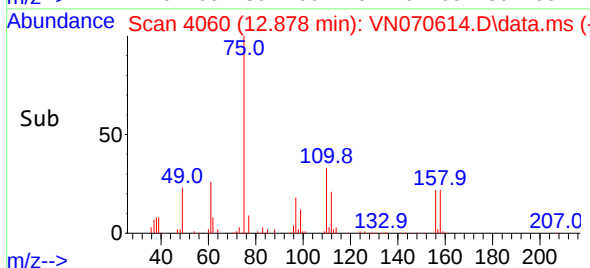
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

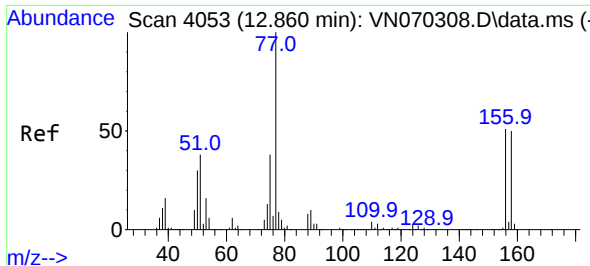


#76
1,2,3-Trichloropropane
Concen: 43.730 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. 0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57



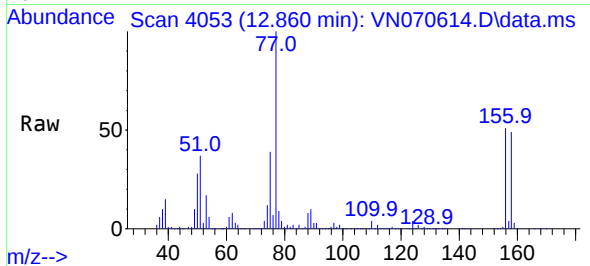
Tgt Ion: 75 Resp: 693474
Ion Ratio Lower Upper
75 100
77 188.8 82.6 247.8





#77
Bromobenzene
Concen: 48.816 ug/l
RT: 12.860 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

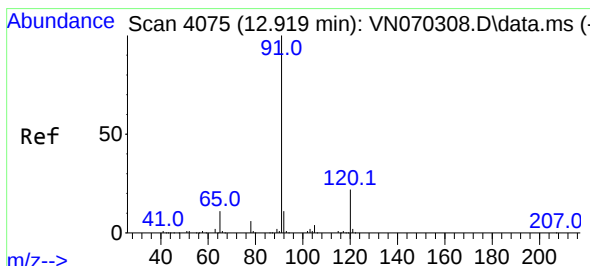
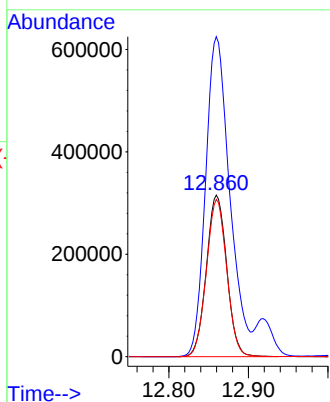
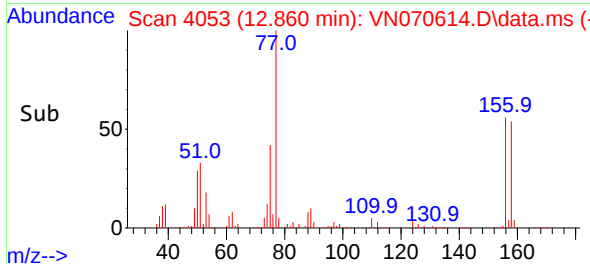
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



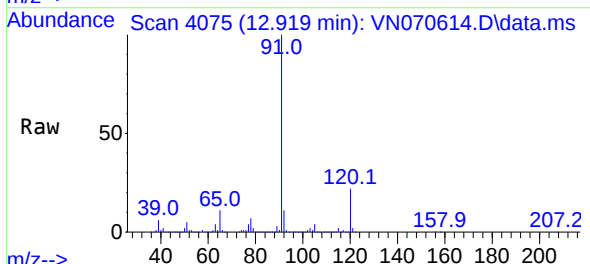
Tgt Ion:156 Resp: 56216
Ion Ratio Lower Upper
156 100
77 232.9 90.6 271.8
158 97.1 48.9 146.7

Manual Integrations
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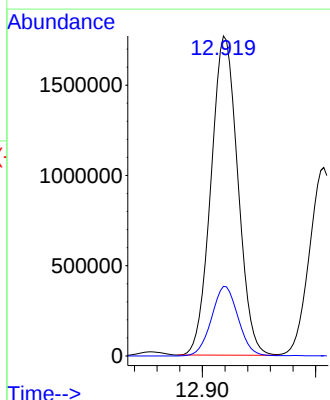
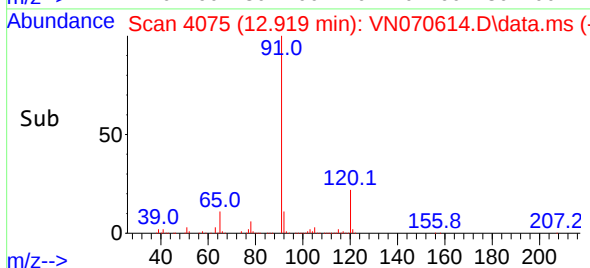
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

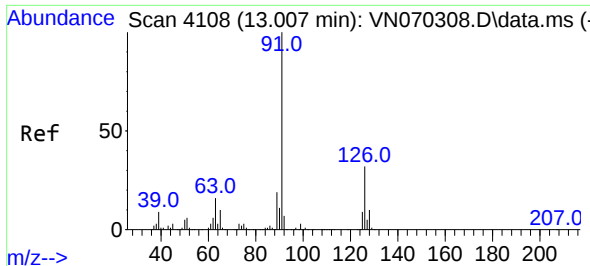


#78
n-propylbenzene
Concen: 52.279 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57



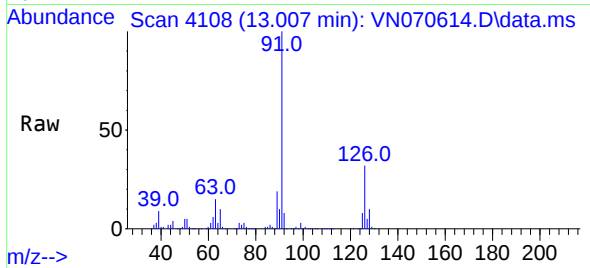
Tgt Ion: 91 Resp: 2905467
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9





#79
2-Chlorotoluene
Concen: 49.637 ug/l
RT: 13.007 min Scan# 4108
Delta R.T. 0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

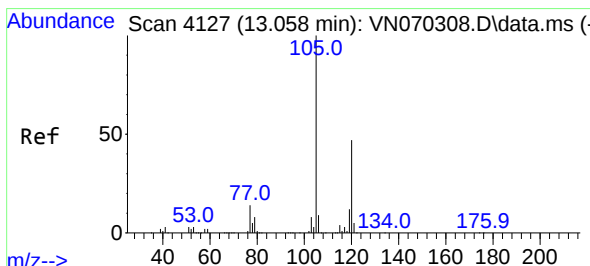
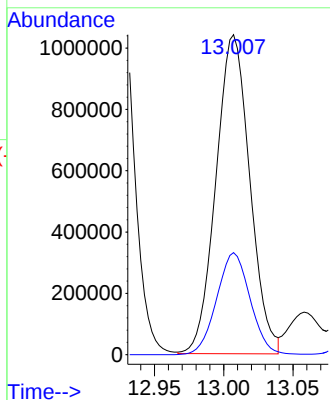
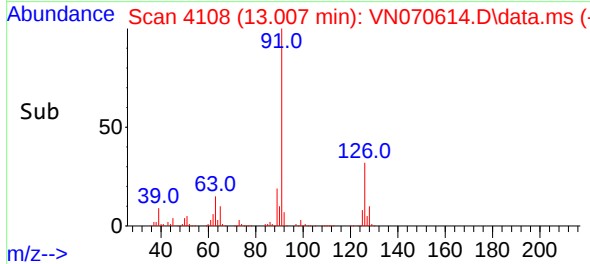
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



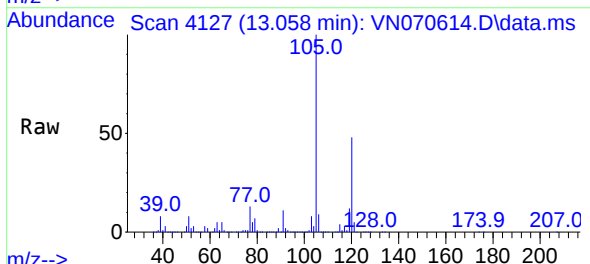
Tgt Ion: 91 Resp: 1770024
Ion Ratio Lower Upper
91 100
126 31.7 18.3 54.8

Manual Integrations
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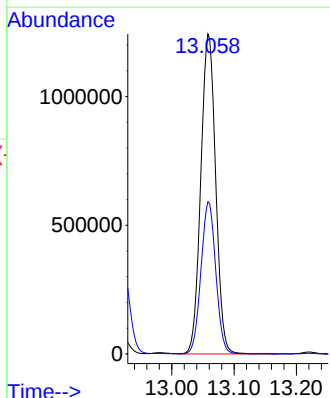
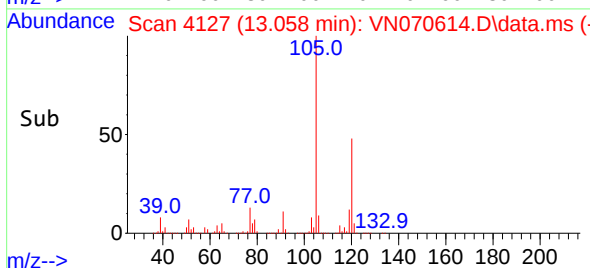
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

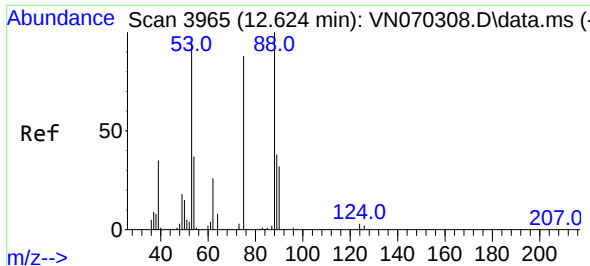


#80
1,3,5-Trimethylbenzene
Concen: 51.217 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57



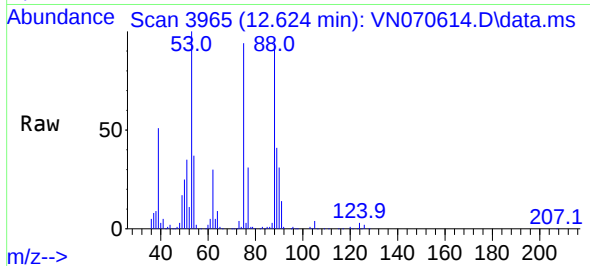
Tgt Ion:105 Resp: 2058715
Ion Ratio Lower Upper
105 100
120 47.3 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 56.682 ug/l
RT: 12.624 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

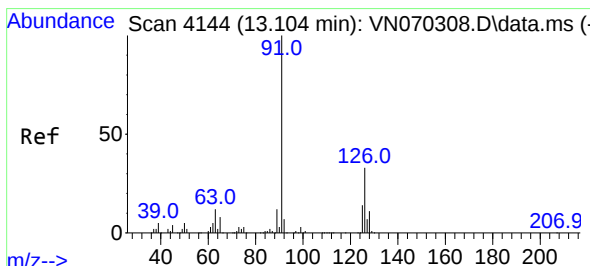
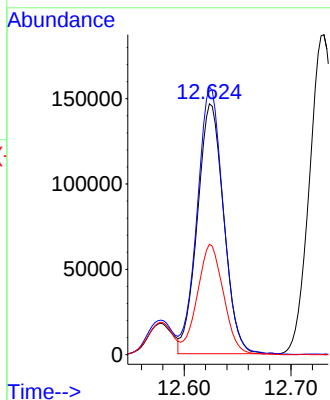
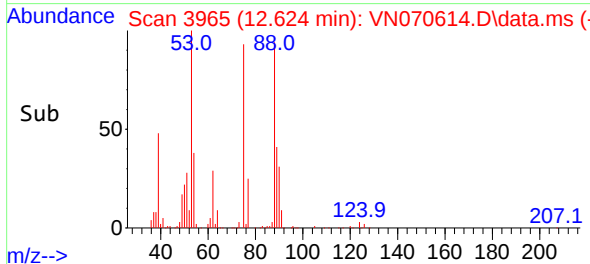
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



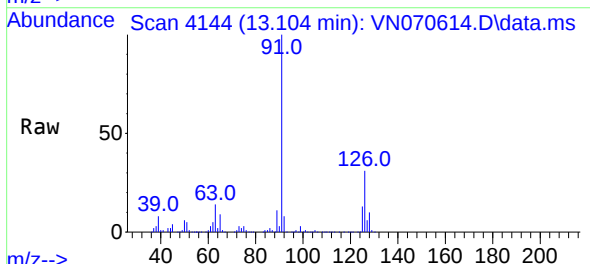
Tgt Ion: 75 Resp: 25059
Ion Ratio Lower Upper
75 100
53 105.5 90.5 135.7
89 44.0 38.2 57.4

Manual Integrations
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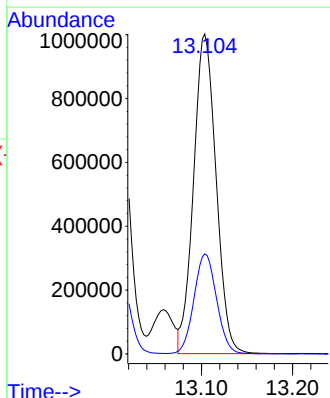
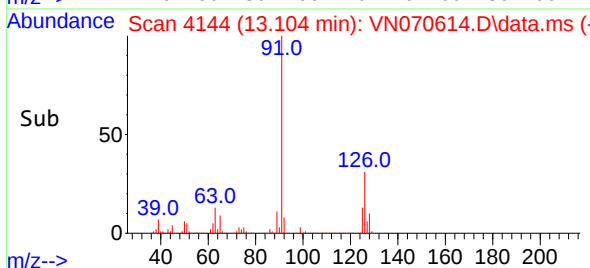
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

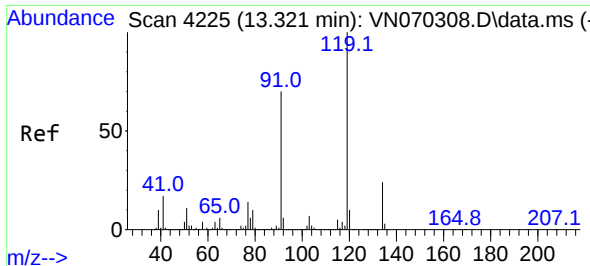


#82
4-Chlorotoluene
Concen: 51.488 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57



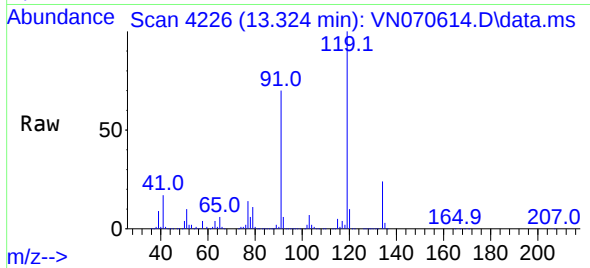
Tgt Ion: 91 Resp: 1719847
Ion Ratio Lower Upper
91 100
126 31.4 18.2 54.6





#83
tert-Butylbenzene
Concen: 50.102 ug/l
RT: 13.324 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

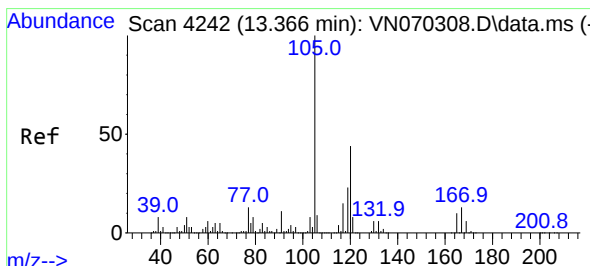
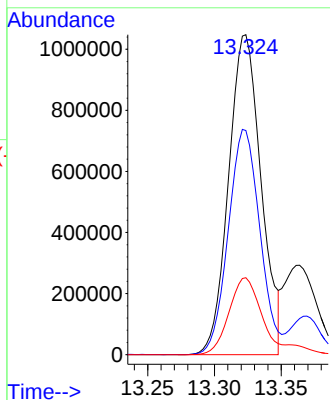
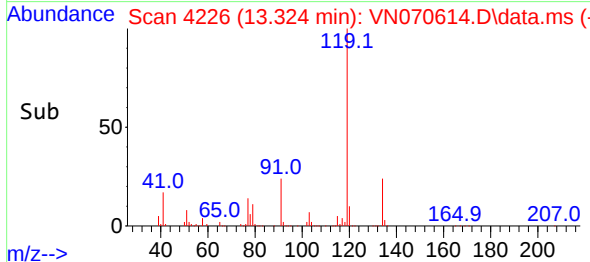
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



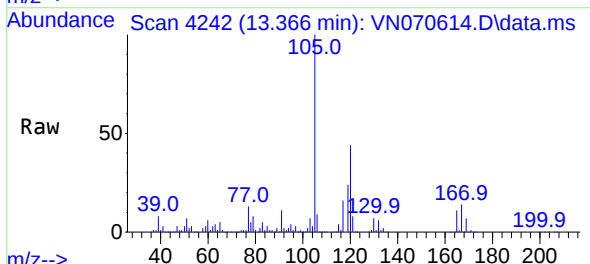
Tgt Ion:119 Resp: 177331
Ion Ratio Lower Upper
119 100
91 68.7 31.5 94.5
134 26.1 12.4 37.4

Manual Integrations
APPROVED

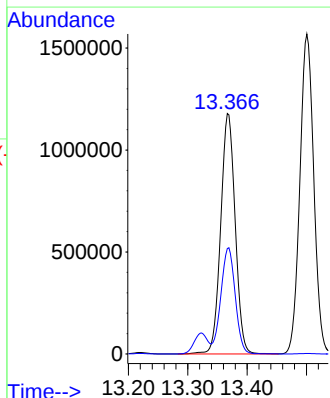
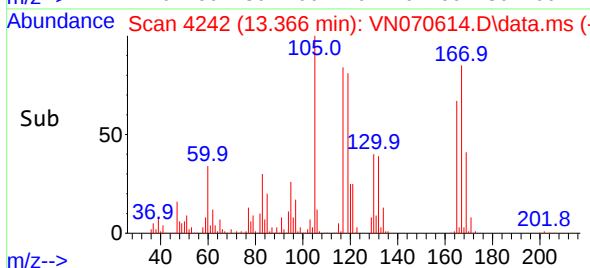
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

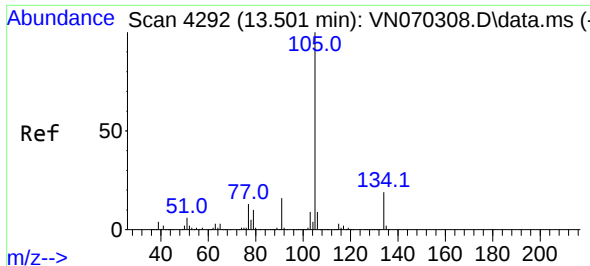


#84
1,2,4-Trimethylbenzene
Concen: 51.842 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. 0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57



Tgt Ion:105 Resp: 2006594
Ion Ratio Lower Upper
105 100
120 43.7 22.8 68.4





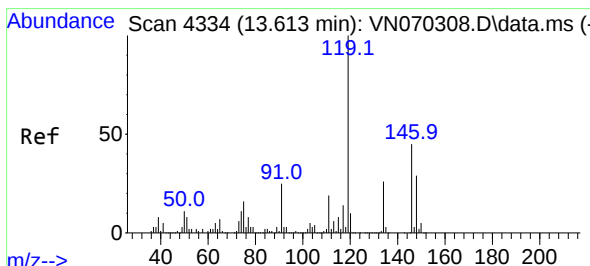
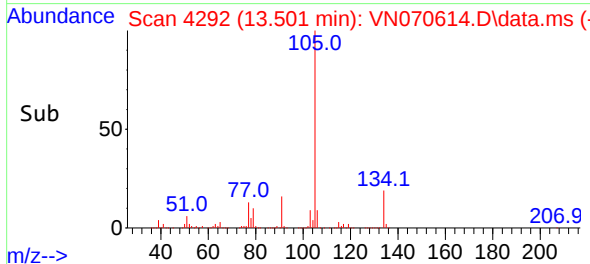
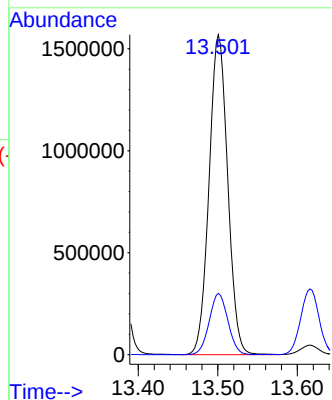
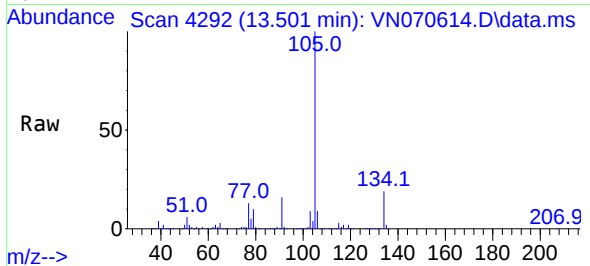
#85
 sec-Butylbenzene
 Concen: 53.108 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.000 min
 Lab File: VN070614.D
 Acq: 14 Jan 2022 10:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 255200
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.4 31.1

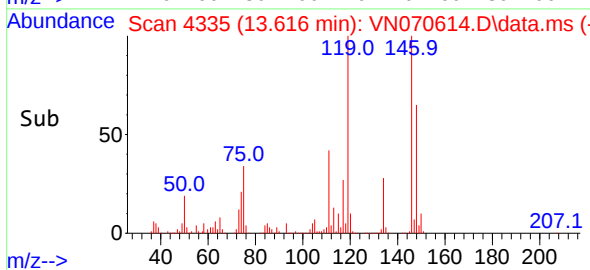
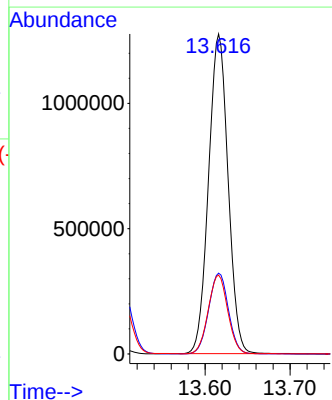
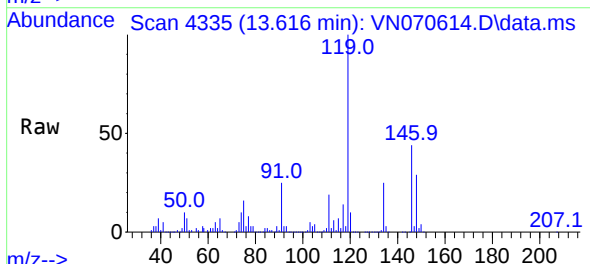
Manual Integrations
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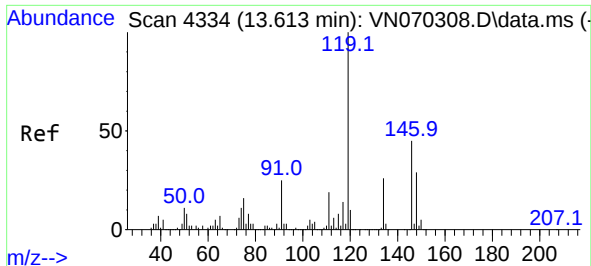
Reviewed By :John Carlone 01/17/2022
 Supervised By :Mahesh Dadoda 01/18/2022



#86
 p-Isopropyltoluene
 Concen: 53.758 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.003 min
 Lab File: VN070614.D
 Acq: 14 Jan 2022 10:57

Tgt Ion:119 Resp: 2029240
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.6 40.7
 91 24.7 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 51.052 ug/l

RT: 13.616 min Scan# 4334

Delta R.T. 0.003 min

Lab File: VN070614.D

Acq: 14 Jan 2022 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 98418

Ion Ratio Lower Upper

146 100

111 42.0 18.6 55.6

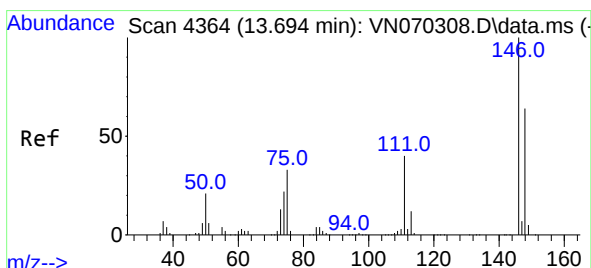
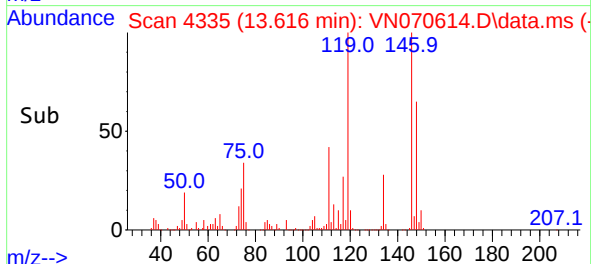
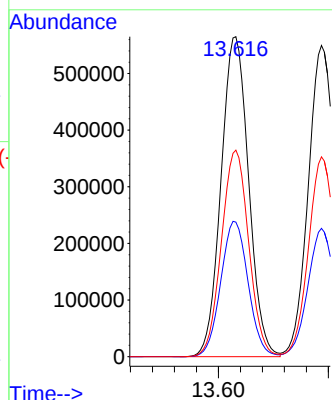
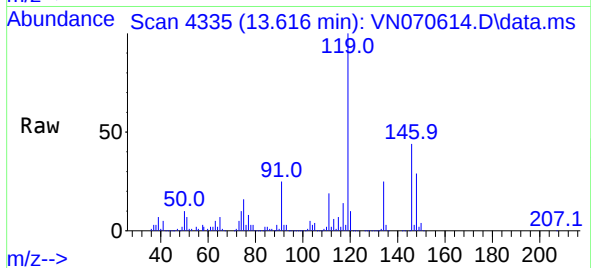
148 63.9 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2022

Supervised By :Mahesh Dadoda 01/18/2022



#88

1,4-Dichlorobenzene

Concen: 50.090 ug/l

RT: 13.694 min Scan# 4364

Delta R.T. -0.000 min

Lab File: VN070614.D

Acq: 14 Jan 2022 10:57

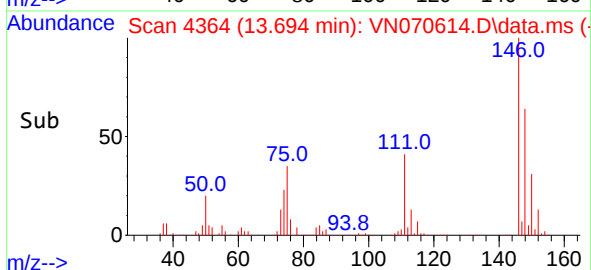
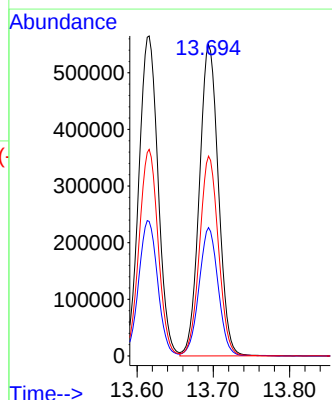
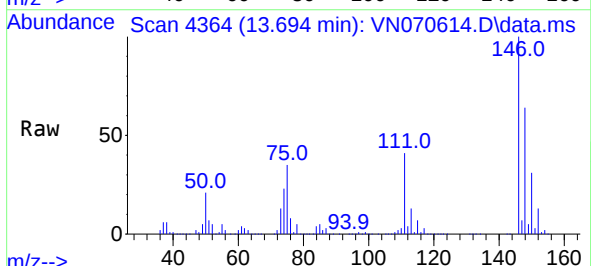
Tgt Ion:146 Resp: 952539

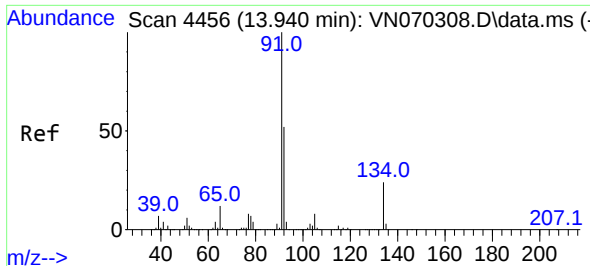
Ion Ratio Lower Upper

146 100

111 41.0 18.3 54.8

148 63.8 31.8 95.4





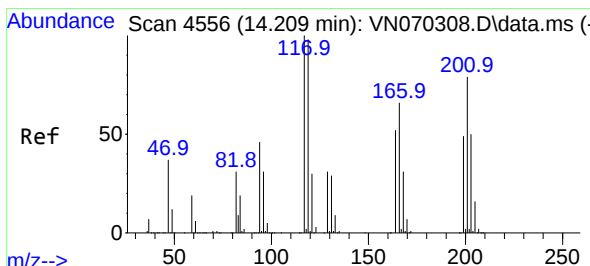
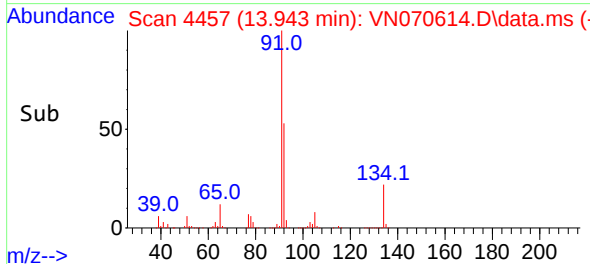
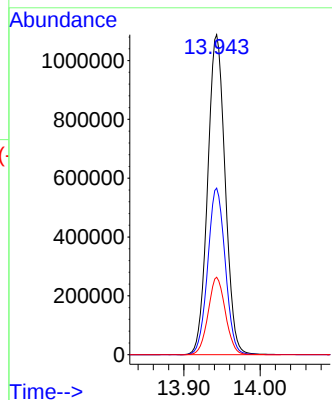
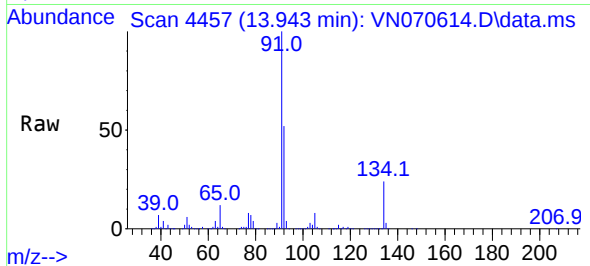
#89
n-Butylbenzene
Concen: 55.062 ug/l
RT: 13.943 min Scan# 4456
Delta R.T. 0.003 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1733639
Ion Ratio Lower Upper
91 100
92 52.1 25.4 76.0
134 24.0 13.6 40.8

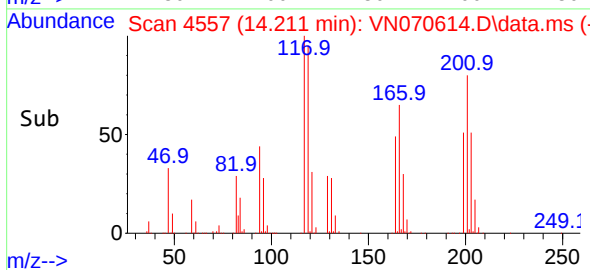
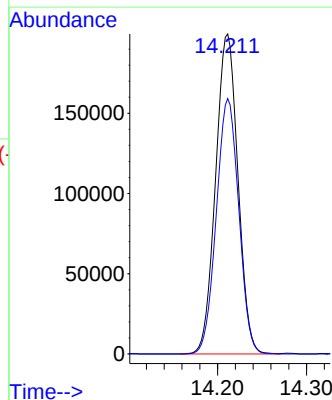
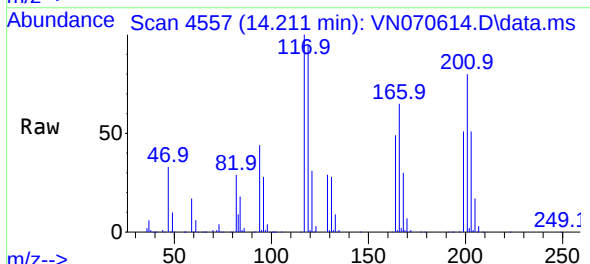
Manual Integrations
APPROVED

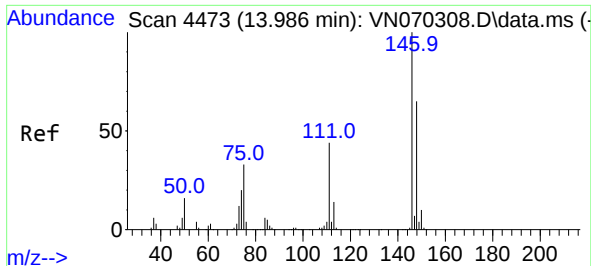
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#90
Hexachloroethane
Concen: 53.042 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.002 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

Tgt Ion:117 Resp: 347830
Ion Ratio Lower Upper
117 100
201 80.2 43.9 131.6





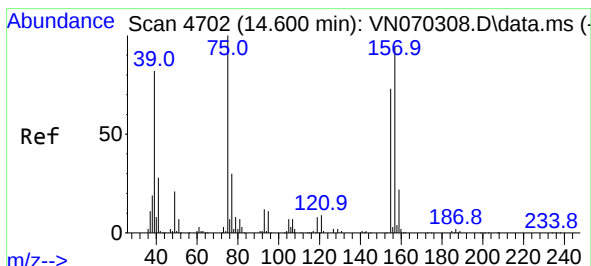
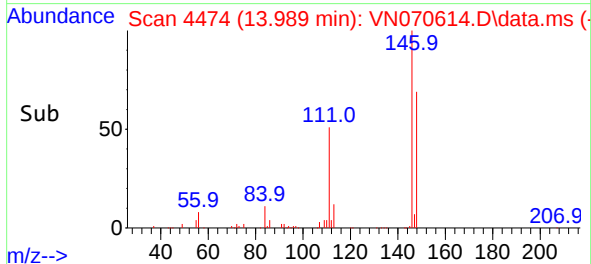
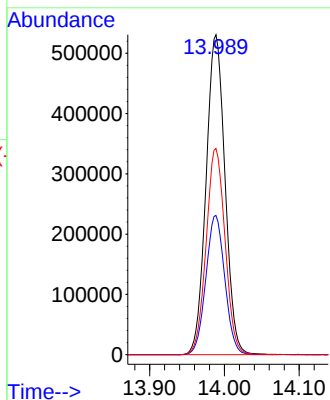
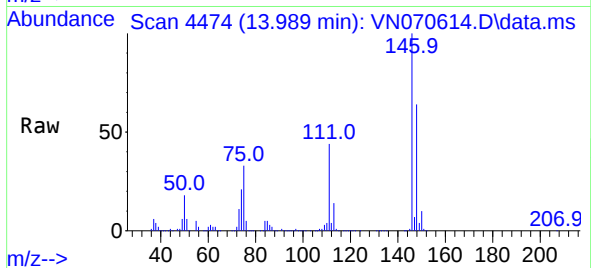
#91
1,2-Dichlorobenzene
Concen: 49.522 ug/l
RT: 13.989 min Scan# 4473
Delta R.T. 0.003 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 935912
Ion Ratio Lower Upper
146 100
111 43.6 19.1 57.3
148 64.5 32.1 96.3

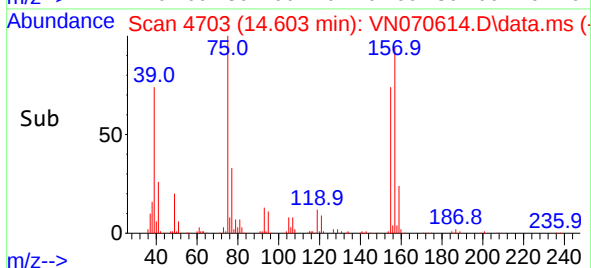
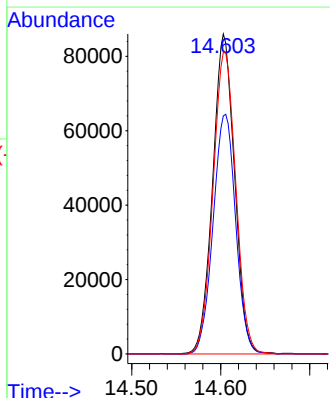
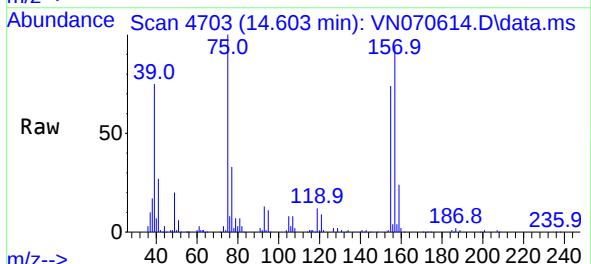
Manual Integrations
APPROVED

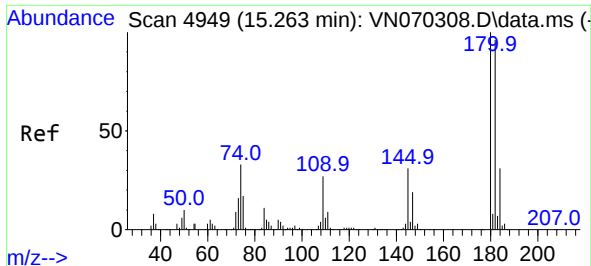
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.705 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.003 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

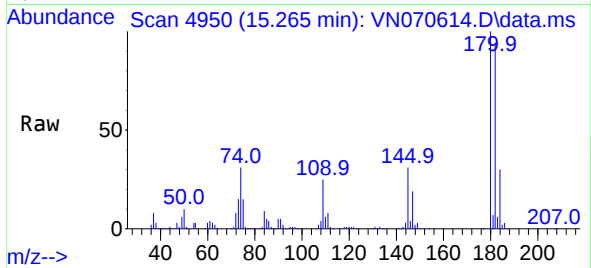
Tgt Ion: 75 Resp: 147336
Ion Ratio Lower Upper
75 100
155 77.2 46.9 140.7
157 98.1 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 55.240 ug/l
RT: 15.265 min Scan# 4949
Delta R.T. 0.002 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

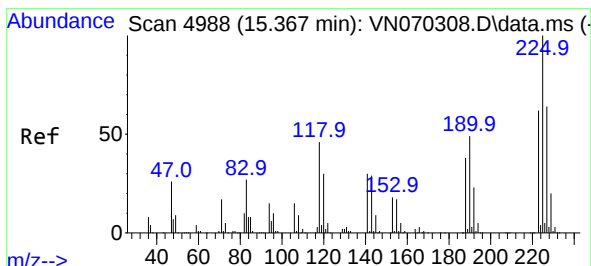
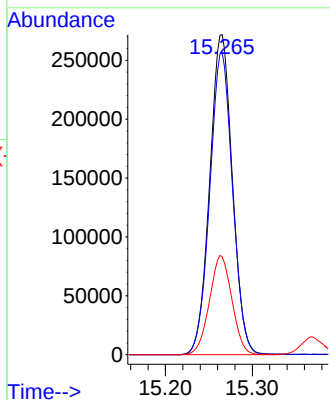
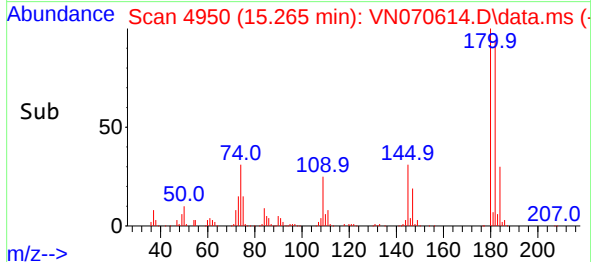
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



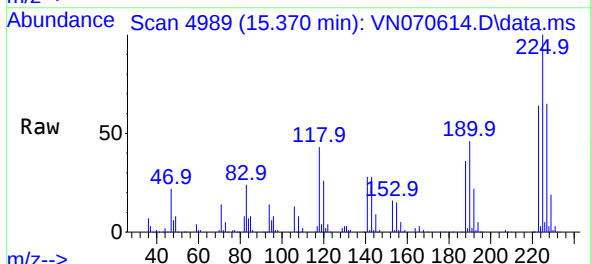
Tgt Ion:180 Resp: 491900
Ion Ratio Lower Upper
180 100
182 94.7 48.3 144.9
145 30.7 14.5 43.5

Manual Integrations
APPROVED

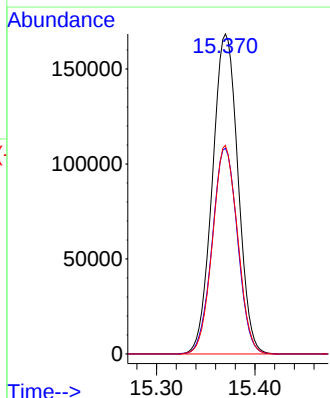
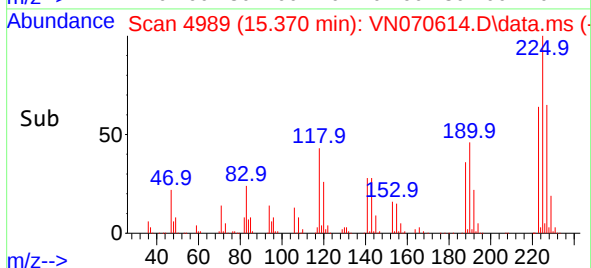
Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022

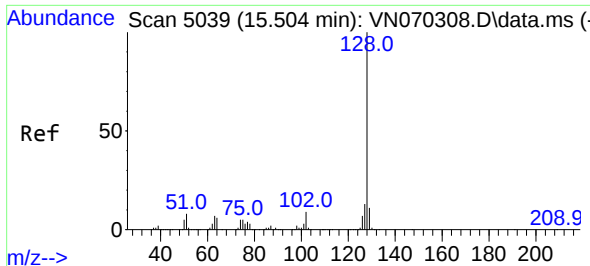


#94
Hexachlorobutadiene
Concen: 58.966 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.003 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57



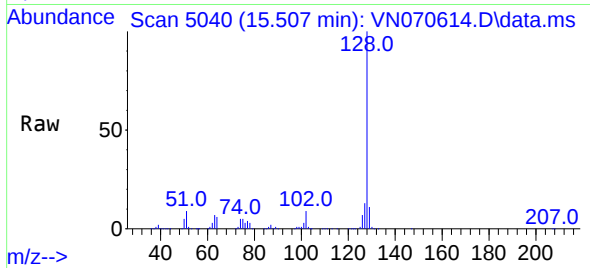
Tgt Ion:225 Resp: 305170
Ion Ratio Lower Upper
225 100
223 63.8 31.9 95.7
227 63.8 32.1 96.3





#95
Naphthalene
Concen: 50.780 ug/l
RT: 15.507 min Scan# 5039
Delta R.T. 0.003 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57

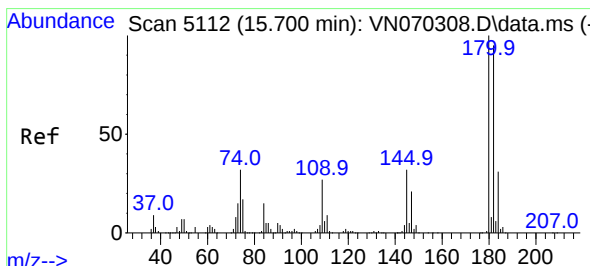
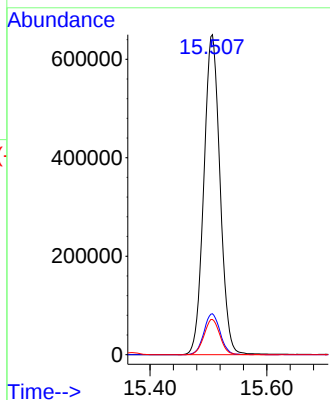
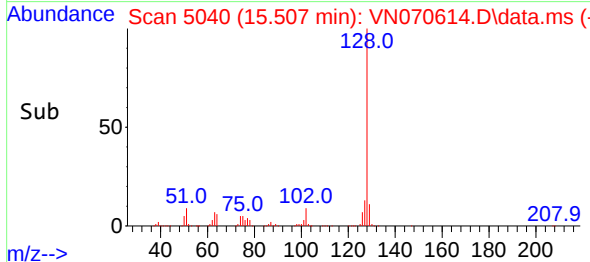
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



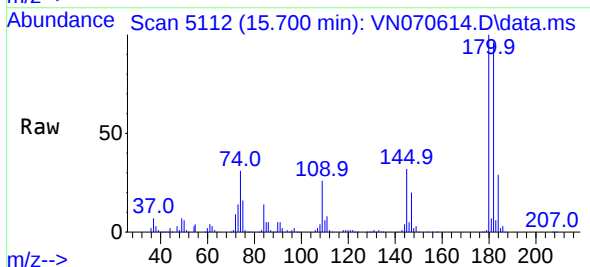
Tgt Ion:128 Resp: 125043
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/17/2022
Supervised By :Mahesh Dadoda 01/18/2022



#96
1,2,3-Trichlorobenzene
Concen: 55.473 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN070614.D
Acq: 14 Jan 2022 10:57



Tgt Ion:180 Resp: 473282
Ion Ratio Lower Upper
180 100
182 95.8 47.4 142.2
145 32.3 15.0 45.1

