

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
 Data File : VN070255.D
 Acq On : 20 Dec 2021 21:24
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/21/2021
 Supervised By : Mahesh Dadoda 12/23/2021

Quant Time: Dec 21 04:10:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	958960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1626871	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1537189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	657564	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	761386	51.42	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.84%			
35) Dibromofluoromethane	8.021	113	529793	51.99	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.98%			
50) Toluene-d8	10.440	98	2075443	50.72	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.44%			
62) 4-Bromofluorobenzene	12.728	95	805274	54.32	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.64%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	430245	38.47	ug/l	97
3) Chloromethane	2.303	50	540661	38.58	ug/l	99
4) Vinyl Chloride	2.448	62	513531	39.86	ug/l	98
5) Bromomethane	2.842	94	281567	40.22	ug/l	98
6) Chloroethane	3.014	64	325402	41.21	ug/l	98
7) Trichlorofluoromethane	3.376	101	710264	42.00	ug/l	99
8) Diethyl Ether	3.821	74	328785	50.48	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.208	101	443773	46.82	ug/l	97
10) Methyl Iodide	4.419	142	587675	45.38	ug/l	98
11) Tert butyl alcohol	5.377	59	608999	217.60	ug/l	99
12) 1,1-Dichloroethene	4.181	96	423427	46.35	ug/l	91
13) Acrolein	4.039	56	743269	311.85	ug/l	100
14) Allyl chloride	4.838	41	979812	47.60	ug/l	92
15) Acrylonitrile	5.554	53	1770671	234.79	ug/l	99
16) Acetone	4.285	43	1767267	198.42	ug/l	97
17) Carbon Disulfide	4.527	76	835696	35.41	ug/l	99
18) Methyl Acetate	4.854	43	1232820	45.86	ug/l	92
19) Methyl tert-butyl Ether	5.616	73	1870731	52.67	ug/l	96
20) Methylene Chloride	5.093	84	543527	45.90	ug/l #	86
21) trans-1,2-Dichloroethene	5.597	96	445848	44.94	ug/l #	84
22) Diisopropyl ether	6.495	45	2132211	53.00	ug/l	93
23) Vinyl Acetate	6.434	43	8311649	253.94	ug/l	94
24) 1,1-Dichloroethane	6.388	63	1040758	49.94	ug/l	97
25) 2-Butanone	7.335	43	2683497	221.75	ug/l	91
26) 2,2-Dichloropropane	7.324	77	799179	49.32	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	578813	48.29	ug/l	86
28) Bromochloromethane	7.657	49	535897	49.45	ug/l #	78
29) Tetrahydrofuran	7.683	42	1690227	230.01	ug/l	88
30) Chloroform	7.817	83	1038994	49.36	ug/l	99
31) Cyclohexane	8.094	56	888430	43.12	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	865570	48.28	ug/l	96
36) 1,1-Dichloropropene	8.220	75	715905	46.23	ug/l	96
37) Ethyl Acetate	7.413	43	1048283	45.48	ug/l	96
38) Carbon Tetrachloride	8.206	117	679751	44.76	ug/l	98
39) Methylcyclohexane	9.459	83	823205	44.69	ug/l	90
40) Benzene	8.459	78	2219193	46.88	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	515643	47.65	ug/l	90
42) 1,2-Dichloroethane	8.528	62	913148	47.78	ug/l	97
43) Isopropyl Acetate	8.560	43	1670903	48.98	ug/l #	94
44) Trichloroethene	9.215	130	523683	46.35	ug/l	89
45) 1,2-Dichloropropane	9.488	63	630085	49.57	ug/l	100
46) Dibromomethane	9.577	93	390650	46.86	ug/l	94
47) Bromodichloromethane	9.762	83	779477	49.38	ug/l	99
48) Methyl methacrylate	9.558	41	755555	47.46	ug/l	89
49) 1,4-Dioxane	9.569	88	233636	817.95	ug/l #	84
51) 4-Methyl-2-Pentanone	10.328	43	5443407	245.98	ug/l	96
52) Toluene	10.505	92	1375860	47.61	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	853082	45.21	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	922996	46.46	ug/l	90
55) 1,1,2-Trichloroethane	10.896	97	578173	49.58	ug/l	98
56) Ethyl methacrylate	10.760	69	1015183	46.32	ug/l	89
57) 1,3-Dichloropropane	11.044	76	1024369	49.89	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1497537	251.89	ug/l	91
59) 2-Hexanone	11.084	43	3927846	234.64	ug/l	94
60) Dibromochloromethane	11.237	129	548461	44.19	ug/l	99
61) 1,2-Dibromoethane	11.344	107	584695	48.41	ug/l	99
64) Tetrachloroethene	10.977	164	480003	46.05	ug/l	97
65) Chlorobenzene	11.768	112	1494004	47.91	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	534934	48.74	ug/l	99
67) Ethyl Benzene	11.843	91	2782905	49.13	ug/l	96
68) m/p-Xylenes	11.950	106	2006359	97.28	ug/l	91
69) o-Xylene	12.278	106	1028577	49.51	ug/l	92
70) Styrene	12.294	104	1704308	51.73	ug/l	95
71) Bromoform	12.457	173	395621	42.57	ug/l #	99
73) Isopropylbenzene	12.575	105	2721064	46.51	ug/l	98
74) N-amyl acetate	12.388	43	1257084	48.59	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.825	83	912730	45.12	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	865655m	45.91	ug/l	
77) Bromobenzene	12.860	156	630201	45.86	ug/l	78
78) n-propylbenzene	12.919	91	3078263	47.28	ug/l	96
79) 2-Chlorotoluene	13.004	91	1929373	46.90	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2237766	47.52	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	239236	42.21	ug/l	92
82) 4-Chlorotoluene	13.104	91	1836798	47.48	ug/l	92
83) tert-Butylbenzene	13.321	119	1987286	47.66	ug/l	92
84) 1,2,4-Trimethylbenzene	13.367	105	2184120	48.70	ug/l	97
85) sec-Butylbenzene	13.501	105	2737243	48.40	ug/l	98
86) p-Isopropyltoluene	13.613	119	2183560	49.39	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	1046238	46.34	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1017950	45.88	ug/l	97
89) n-Butylbenzene	13.940	91	1785646	49.79	ug/l	98
90) Hexachloroethane	14.209	117	344077	44.33	ug/l	88
91) 1,2-Dichlorobenzene	13.986	146	1025673	46.63	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	163909	44.84	ug/l	79
93) 1,2,4-Trichlorobenzene	15.263	180	522255	48.50	ug/l	98
94) Hexachlorobutadiene	15.367	225	297140	50.97	ug/l	99
95) Naphthalene	15.504	128	1548472	48.33	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	509434	48.53	ug/l	98

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

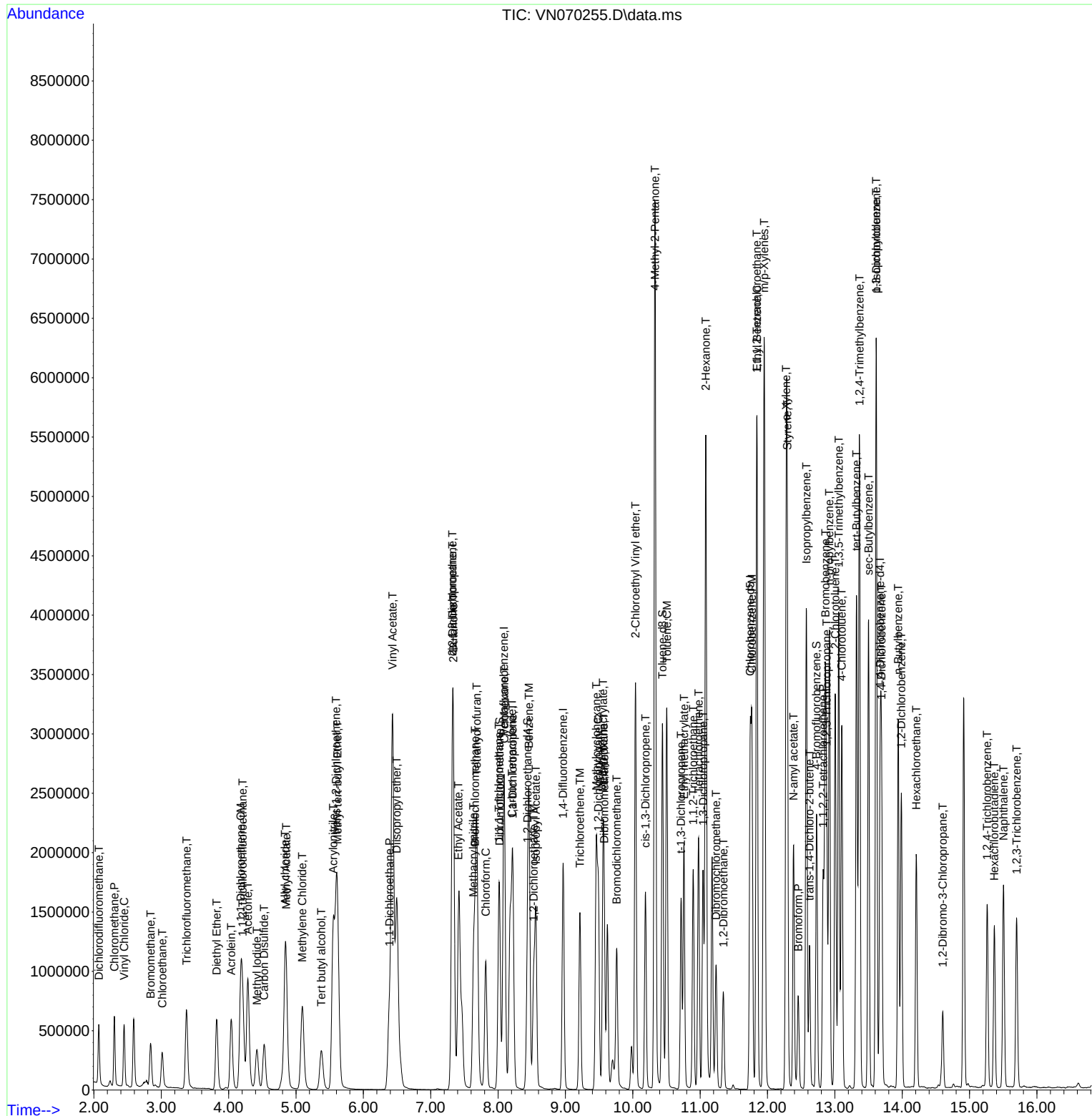
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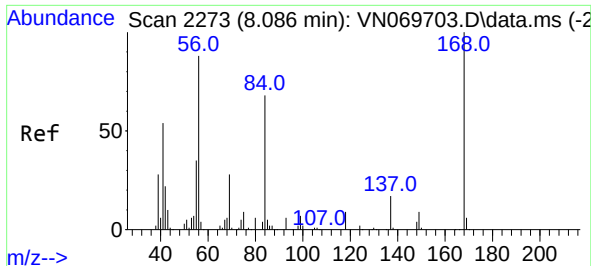
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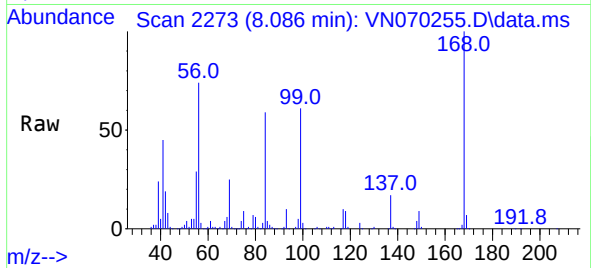
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#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070255.D
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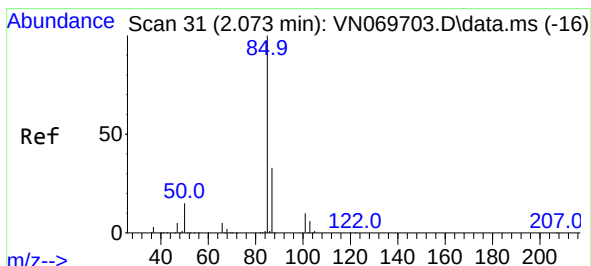
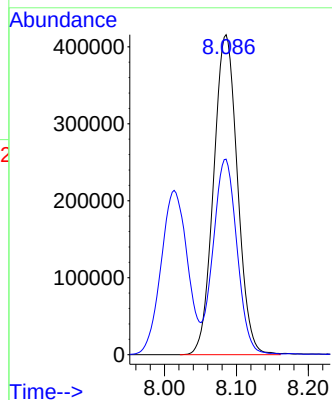
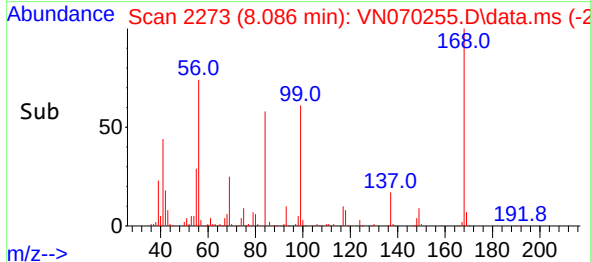
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Tgt Ion:168 Resp: 958960
Ion Ratio Lower Upper
168 100
99 60.8 41.3 61.9

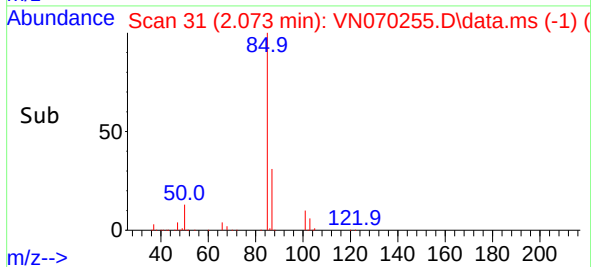
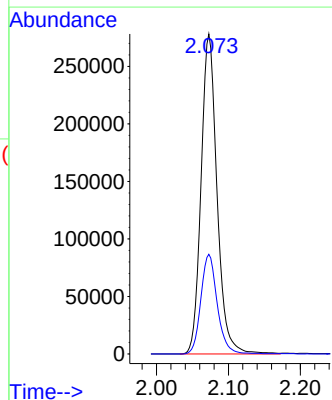
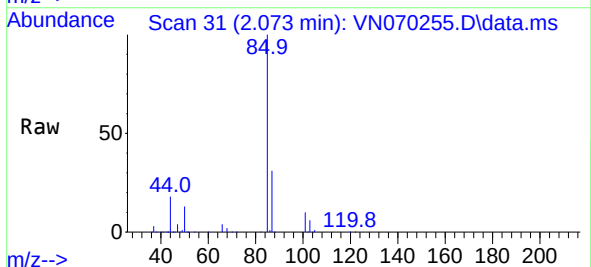
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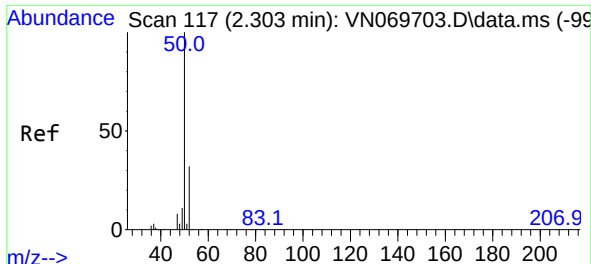
Reviewed By :John Carlone 12/21/2021
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#2
Dichlorodifluoromethane
Concen: 38.47 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

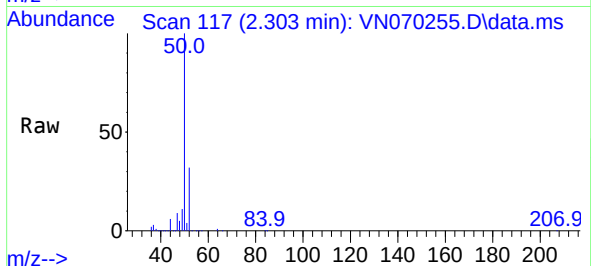
Tgt Ion: 85 Resp: 430245
Ion Ratio Lower Upper
85 100
87 31.1 16.3 48.9





#3
Chloromethane
Concen: 38.58 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

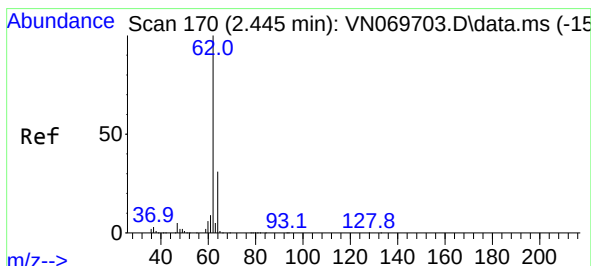
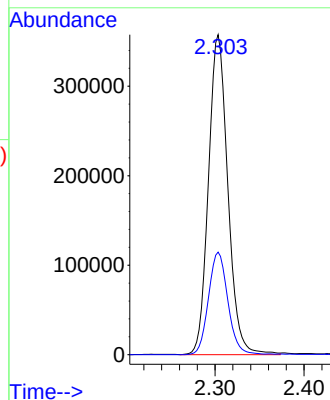
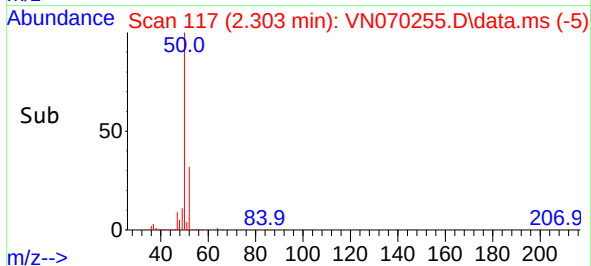
Instrument :
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Tgt Ion: 50 Resp: 54066
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.0

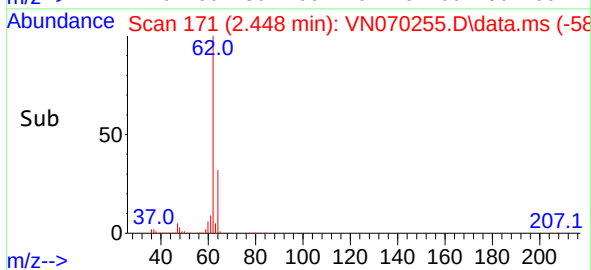
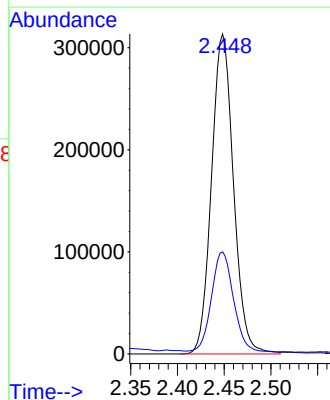
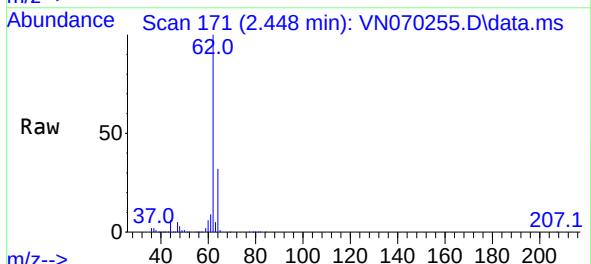
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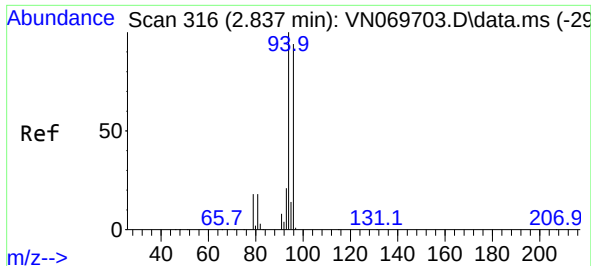
Reviewed By :John Carlone 12/21/2021
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#4
Vinyl Chloride
Concen: 39.86 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

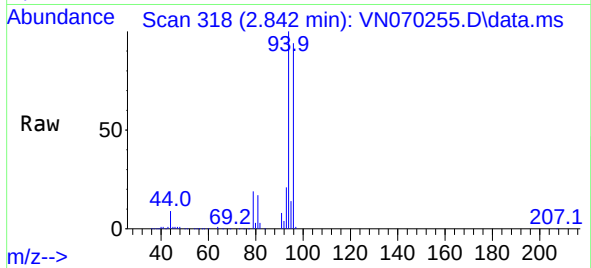
Tgt Ion: 62 Resp: 513531
Ion Ratio Lower Upper
62 100
64 31.2 25.8 38.6





#5
Bromomethane
Concen: 40.22 ug/l
RT: 2.842 min Scan# 316
Delta R.T. 0.006 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

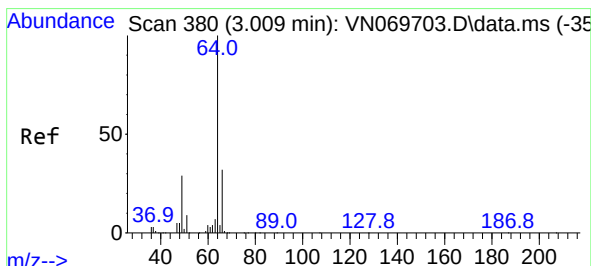
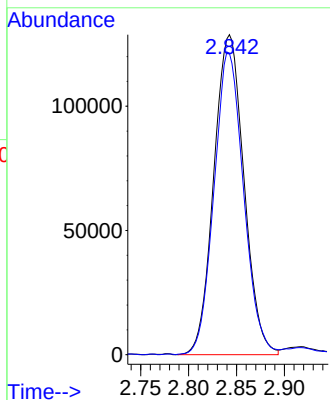
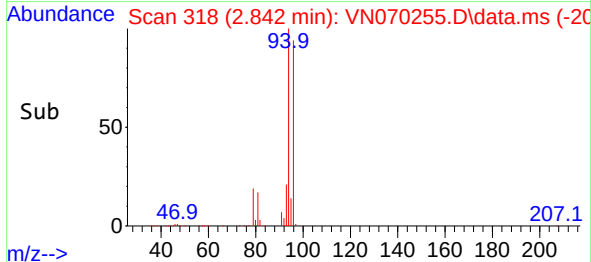
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Tgt Ion: 94 Resp: 28156
Ion Ratio Lower Upper
94 100
96 94.1 73.8 110.8

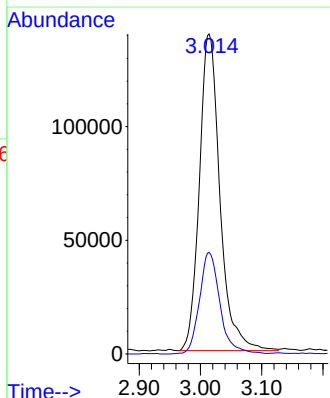
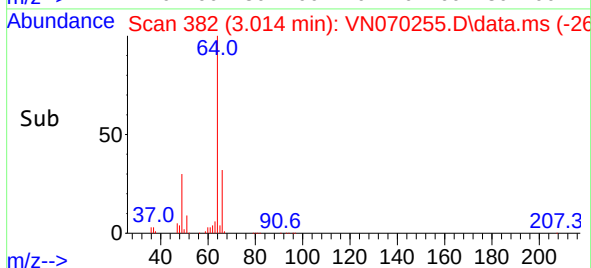
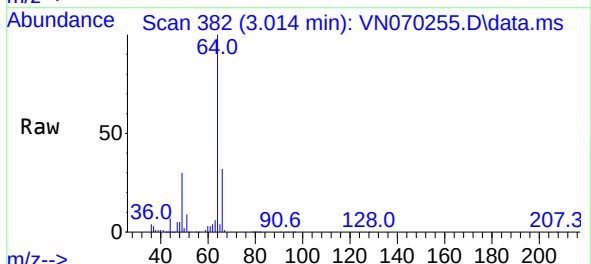
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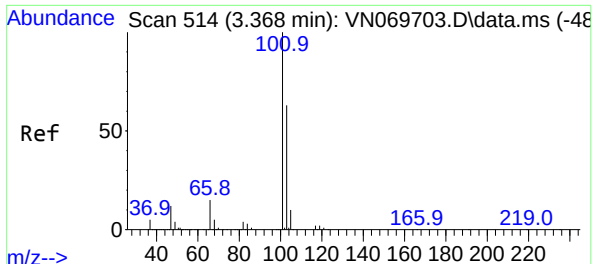
Reviewed By :John Carlone 12/21/2021
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#6
Chloroethane
Concen: 41.21 ug/l
RT: 3.014 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

Tgt Ion: 64 Resp: 325402
Ion Ratio Lower Upper
64 100
66 31.9 26.3 39.5





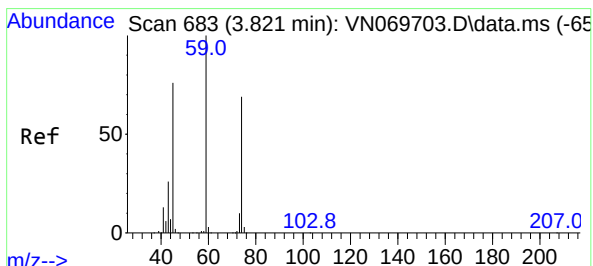
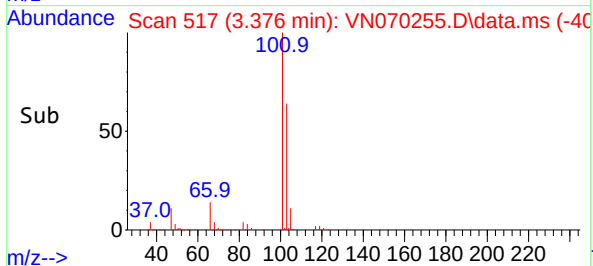
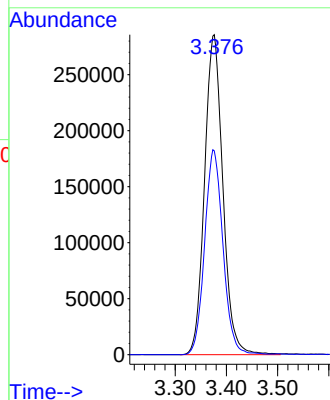
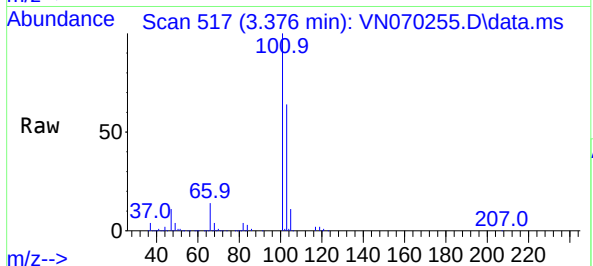
#7
Trichlorofluoromethane
Concen: 42.00 ug/l
RT: 3.376 min Scan# 514
Delta R.T. 0.008 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

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ClientSampleId :
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Tgt Ion:101 Resp: 710264
Ion Ratio Lower Upper
101 100
103 63.7 50.1 75.1

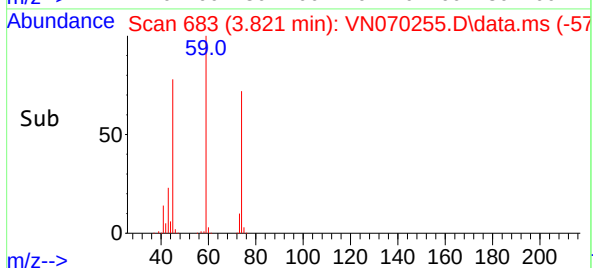
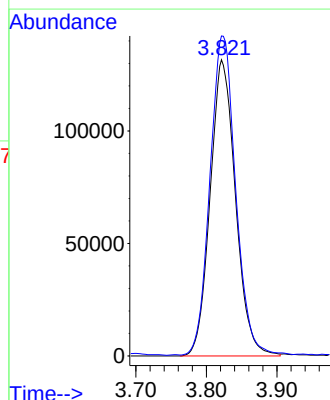
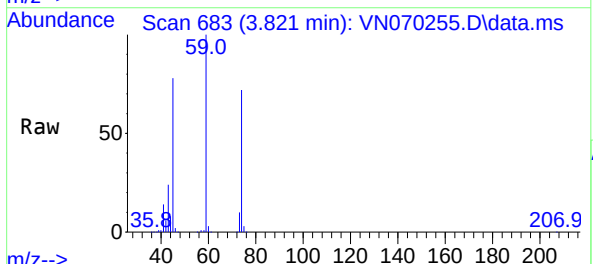
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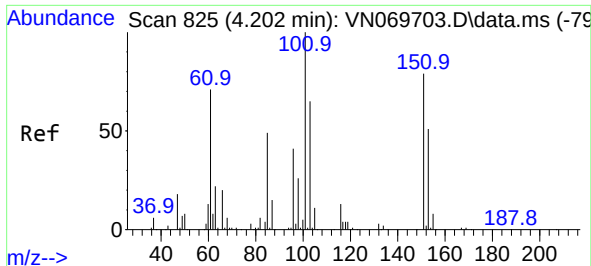
Reviewed By :John Carlone 12/21/2021
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#8
Diethyl Ether
Concen: 50.48 ug/l
RT: 3.821 min Scan# 683
Delta R.T. 0.000 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

Tgt Ion: 74 Resp: 328785
Ion Ratio Lower Upper
74 100
45 109.1 47.0 141.2





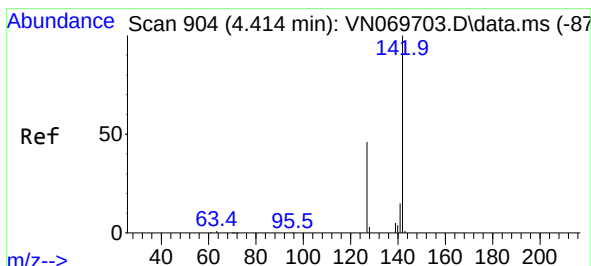
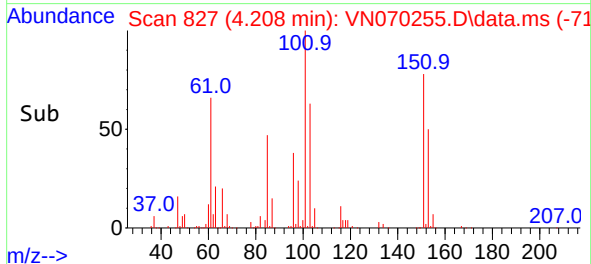
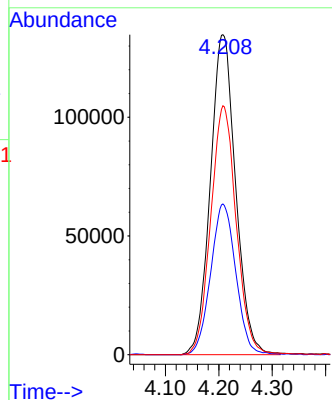
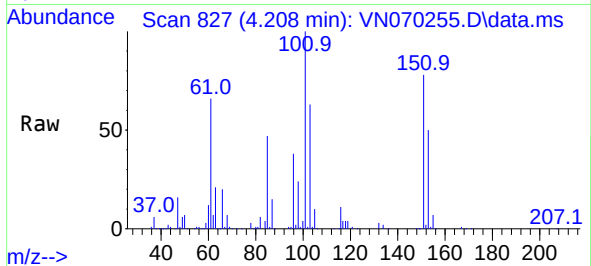
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.82 ug/l
RT: 4.208 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 44377
Ion Ratio Lower Upper
101 100
85 46.8 37.2 55.8
151 78.2 65.9 98.9

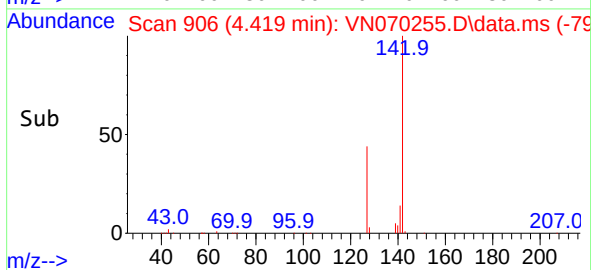
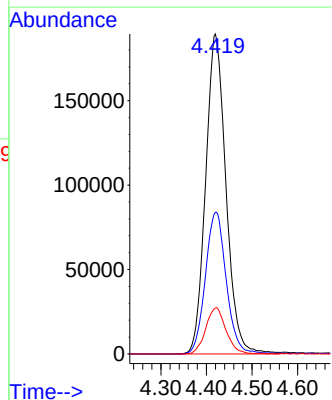
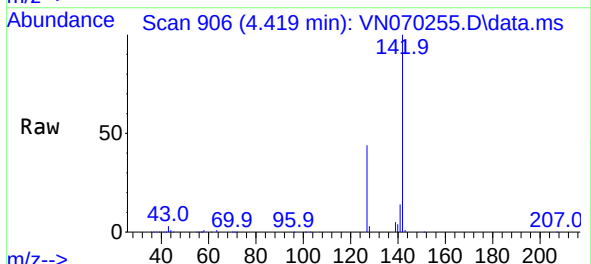
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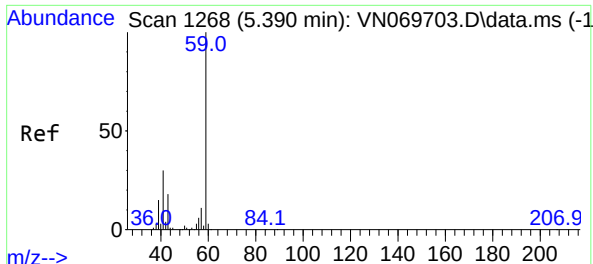
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#10
Methyl Iodide
Concen: 45.38 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.006 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

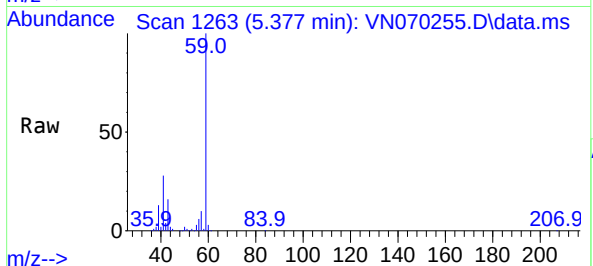
Tgt Ion:142 Resp: 587675
Ion Ratio Lower Upper
142 100
127 45.4 35.4 53.0
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 217.60 ug/l
RT: 5.377 min Scan# 11
Delta R.T. -0.013 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

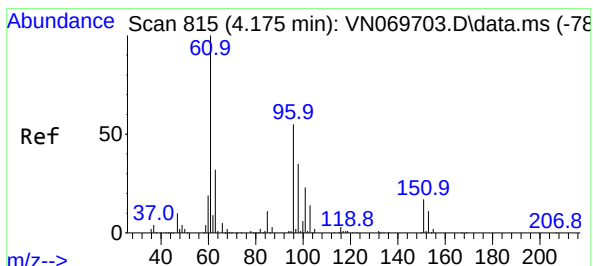
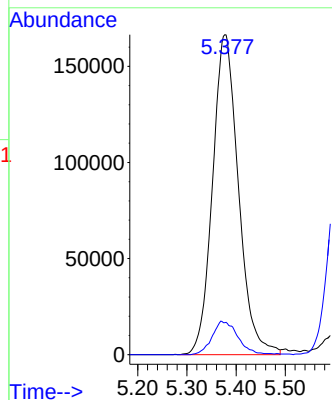
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 608999
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

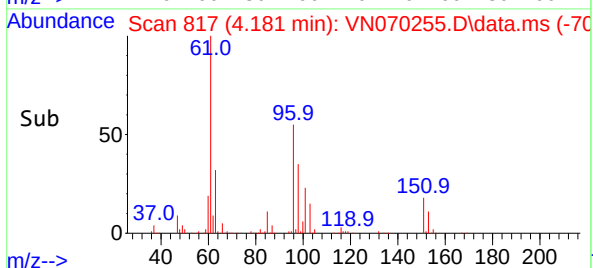
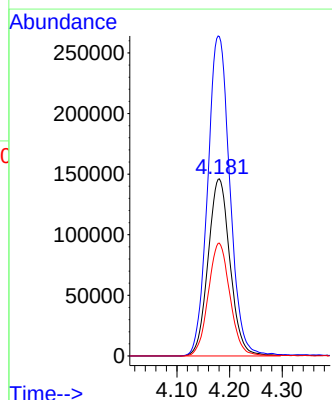
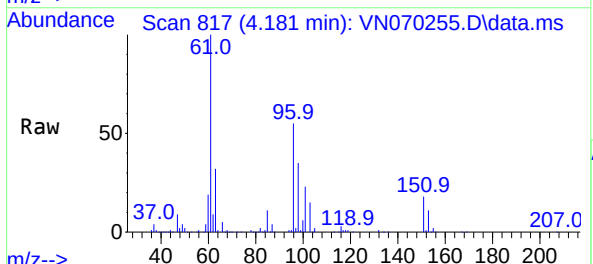
Manual Integrations
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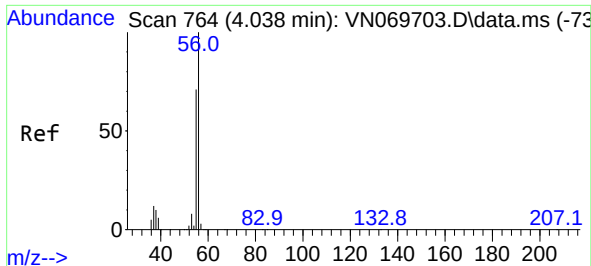
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#12
1,1-Dichloroethene
Concen: 46.35 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.006 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

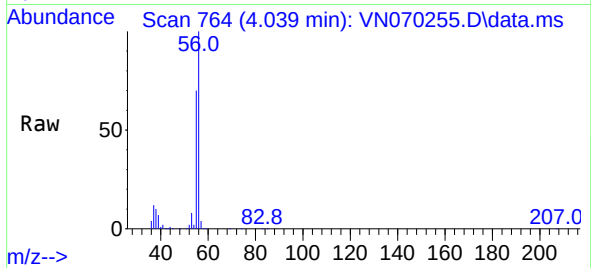
Tgt Ion: 96 Resp: 423427
Ion Ratio Lower Upper
96 100
61 180.2 131.0 196.6
98 63.6 52.4 78.6





#13
Acrolein
Concen: 311.85 ug/l
RT: 4.039 min Scan# 764
Delta R.T. 0.000 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

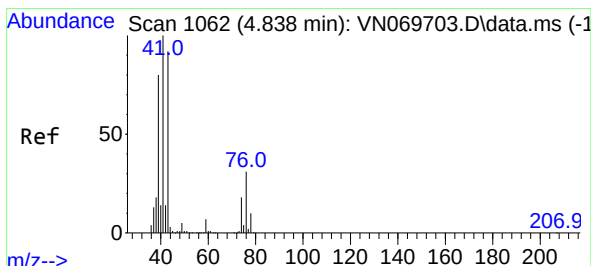
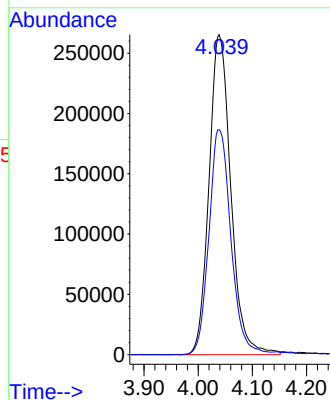
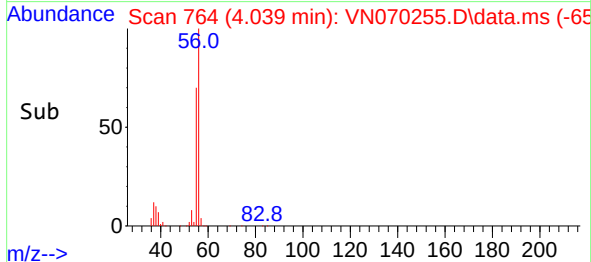
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



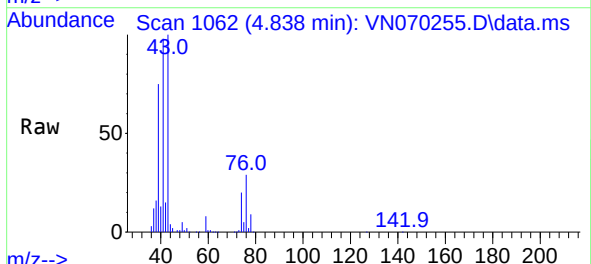
Tgt Ion: 56 Resp: 743269
Ion Ratio Lower Upper
56 100
55 70.8 56.6 85.0

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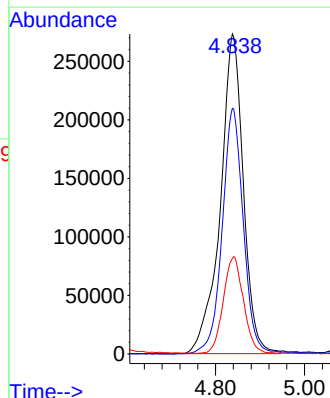
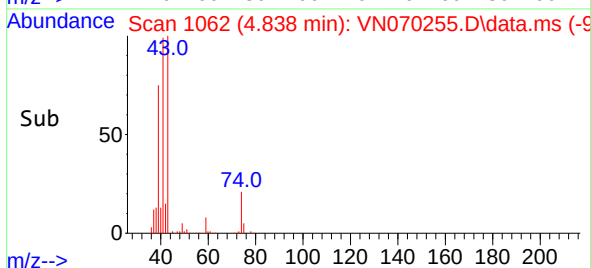
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

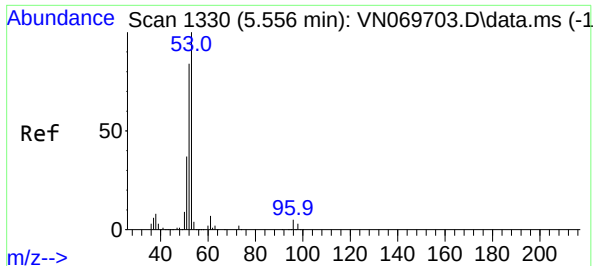


#14
Allyl chloride
Concen: 47.60 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24



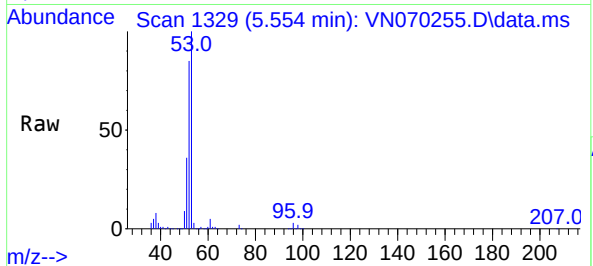
Tgt Ion: 41 Resp: 979812
Ion Ratio Lower Upper
41 100
39 70.3 61.2 91.8
76 26.5 26.0 39.0





#15
Acrylonitrile
Concen: 234.79 ug/l
RT: 5.554 min Scan# 11
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

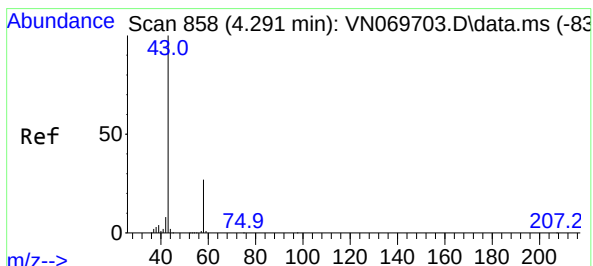
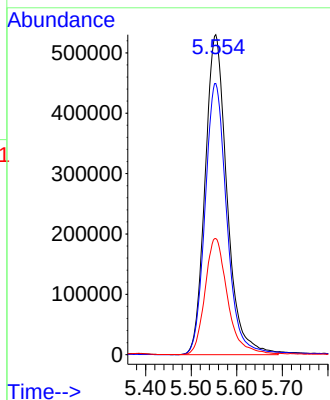
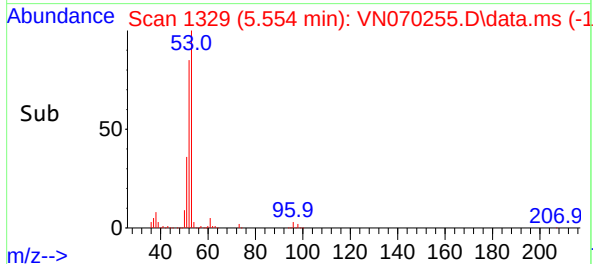
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



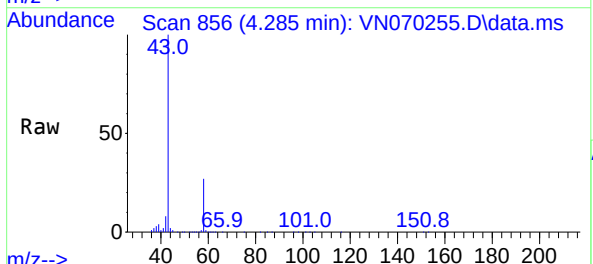
Tgt Ion: 53 Resp: 177067
Ion Ratio Lower Upper
53 100
52 84.2 66.2 99.2
51 37.4 29.6 44.4

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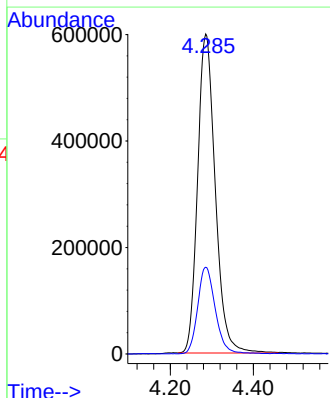
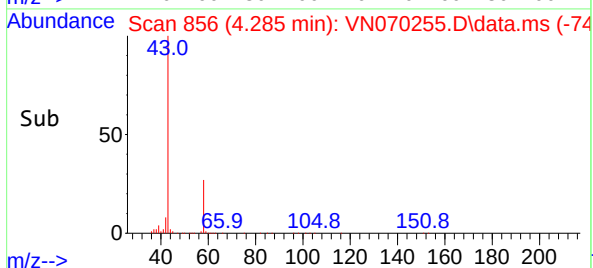
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

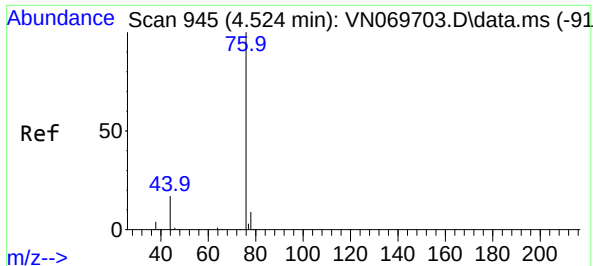


#16
Acetone
Concen: 198.42 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.005 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24



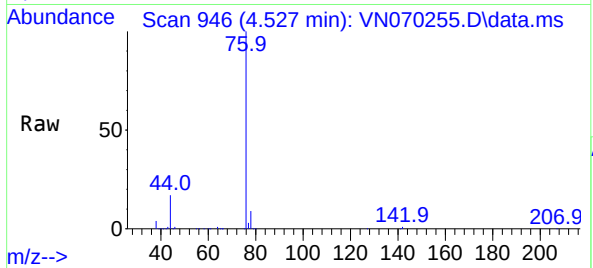
Tgt Ion: 43 Resp: 1767267
Ion Ratio Lower Upper
43 100
58 27.1 23.1 34.7





#17
Carbon Disulfide
Concen: 35.41 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

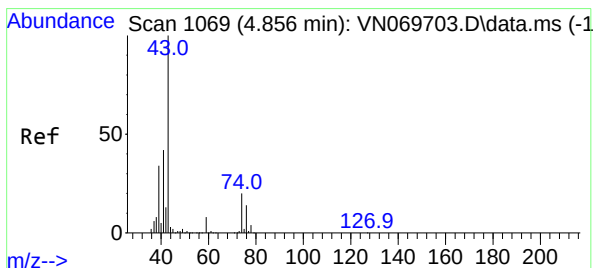
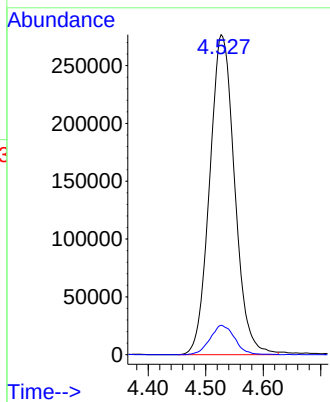
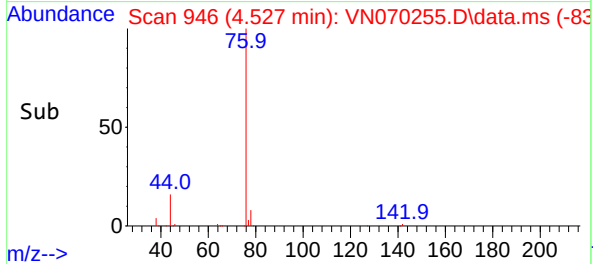
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



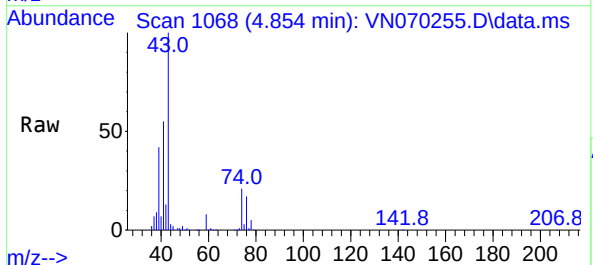
Tgt Ion: 76 Resp: 835690
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

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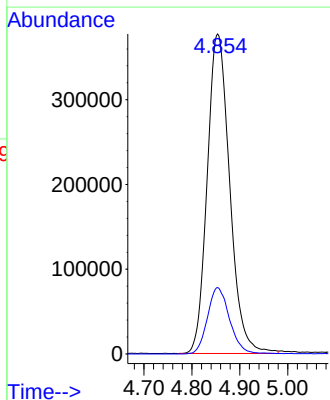
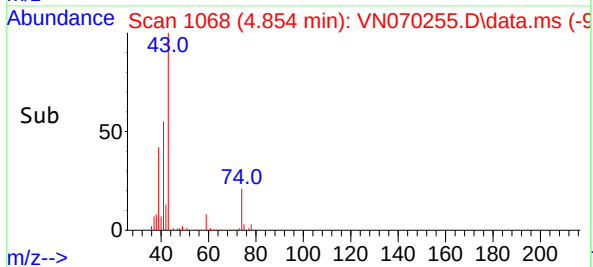
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

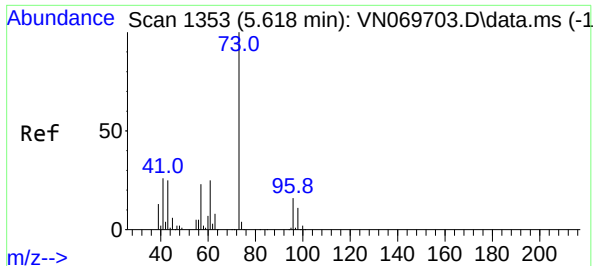


#18
Methyl Acetate
Concen: 45.86 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24



Tgt Ion: 43 Resp: 1232820
Ion Ratio Lower Upper
43 100
74 20.3 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 52.67 ug/l

RT: 5.616 min Scan# 11

Delta R.T. -0.003 min

Lab File: VN070255.D

Acq: 20 Dec 2021 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 187073

Ion Ratio Lower Upper

73 100

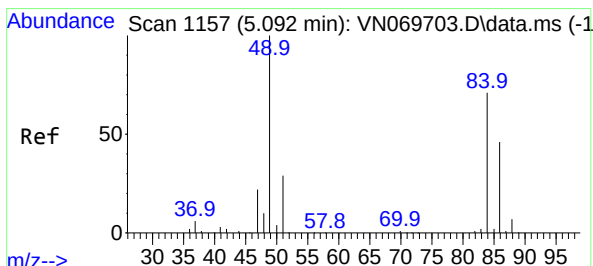
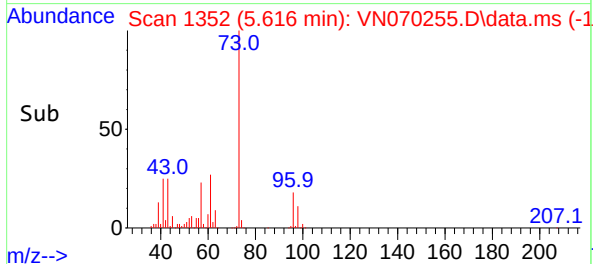
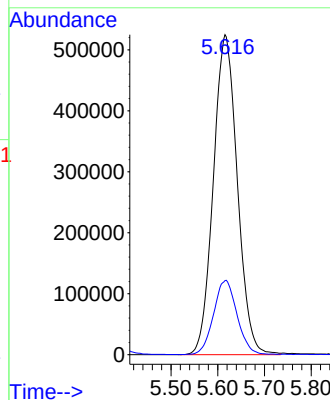
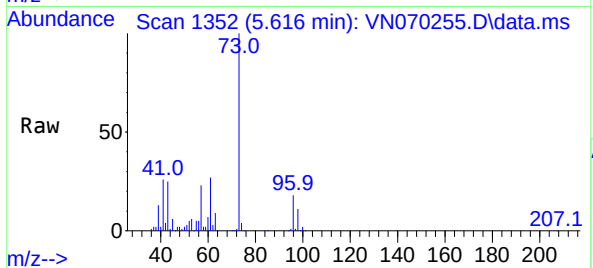
57 23.1 16.8 25.2

Manual Integrations

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Reviewed By :John Carlone 12/21/2021

Supervised By :Mahesh Dadoda 12/23/2021



#20

Methylene Chloride

Concen: 45.90 ug/l

RT: 5.093 min Scan# 1157

Delta R.T. 0.000 min

Lab File: VN070255.D

Acq: 20 Dec 2021 21:24

Tgt Ion: 84 Resp: 543527

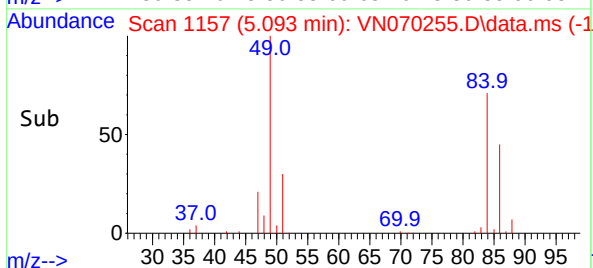
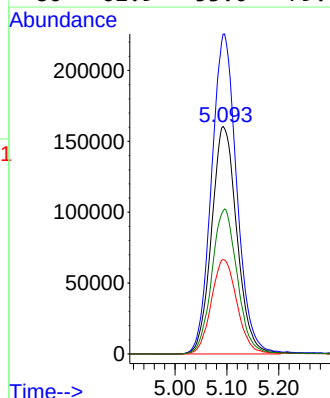
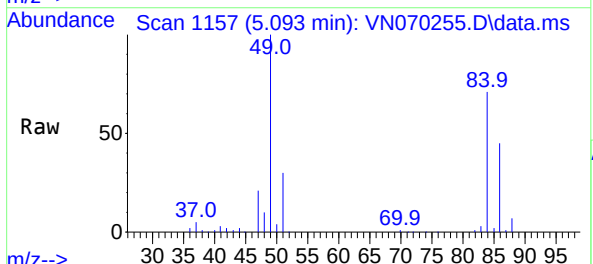
Ion Ratio Lower Upper

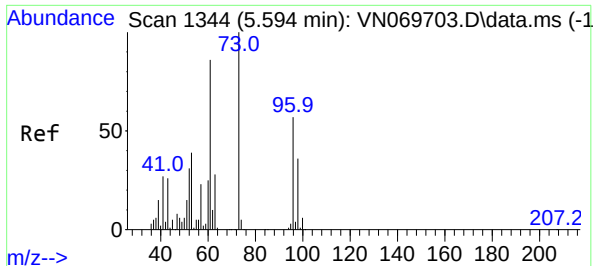
84 100

49 140.6 93.5 140.3#

51 41.5 29.4 44.2

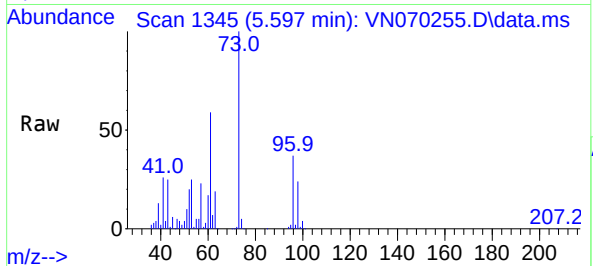
86 62.9 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 44.94 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

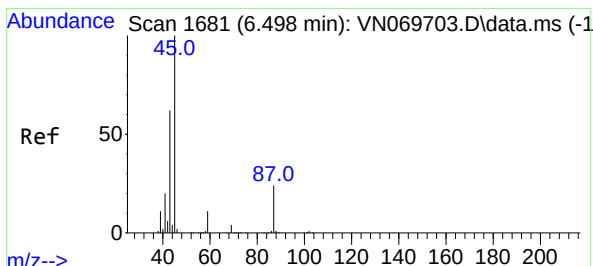
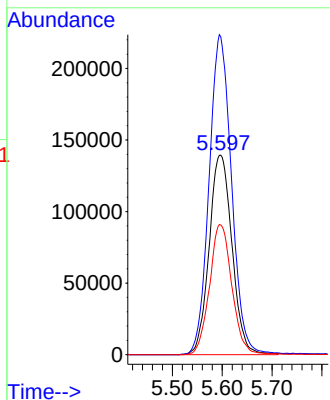
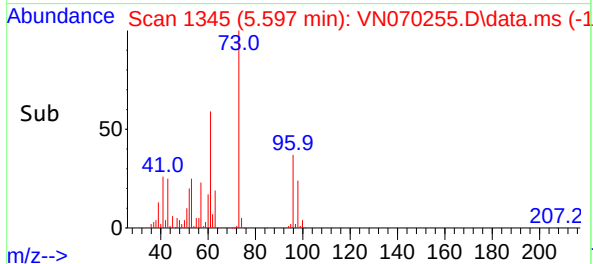
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 445848
Ion Ratio Lower Upper
96 100
61 159.4 105.8 158.6
98 65.1 52.0 78.0

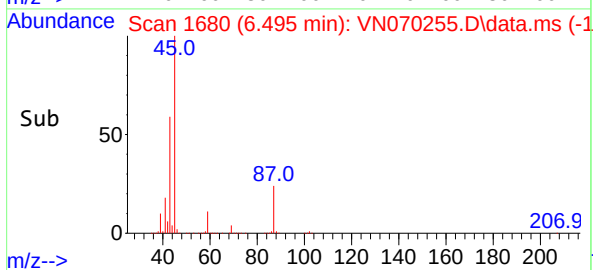
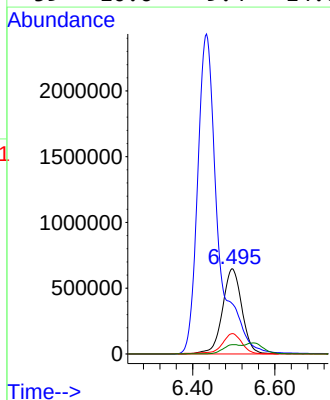
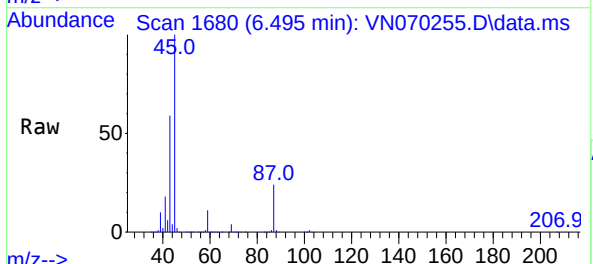
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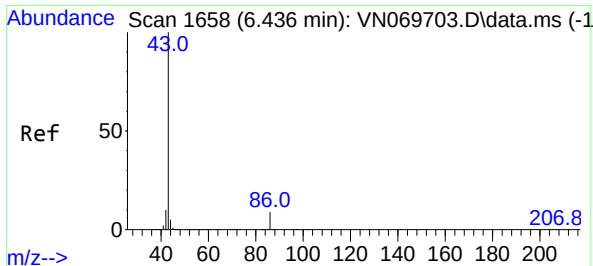
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#22
Diisopropyl ether
Concen: 53.00 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

Tgt Ion: 45 Resp: 2132211
Ion Ratio Lower Upper
45 100
43 58.9 51.7 77.5
87 23.8 23.2 34.8
59 10.6 9.4 14.0





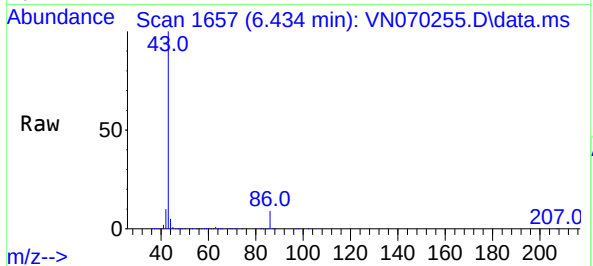
#23
 Vinyl Acetate
 Concen: 253.94 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.002 min
 Lab File: VN070255.D
 Acq: 20 Dec 2021 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



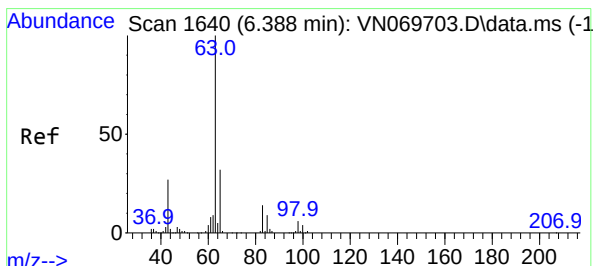
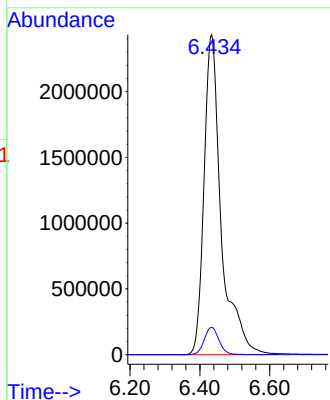
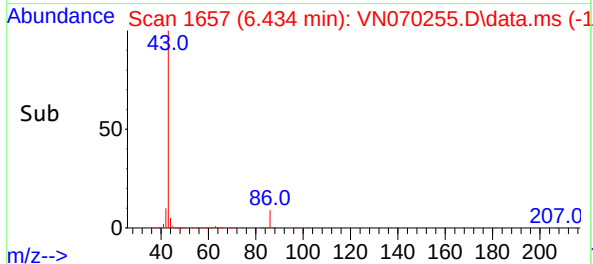
Tgt Ion: 43 Resp: 8311649
 Ion Ratio Lower Upper
 43 100
 86 8.5 8.5 12.7

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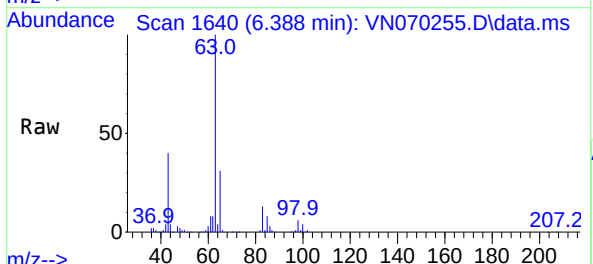
APPROVED

Reviewed By :John Carlone 12/21/2021

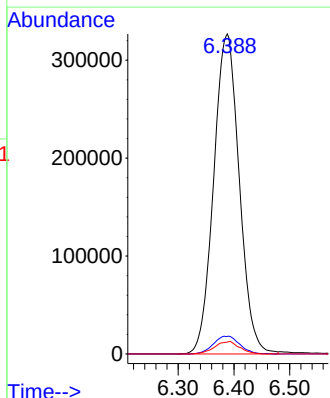
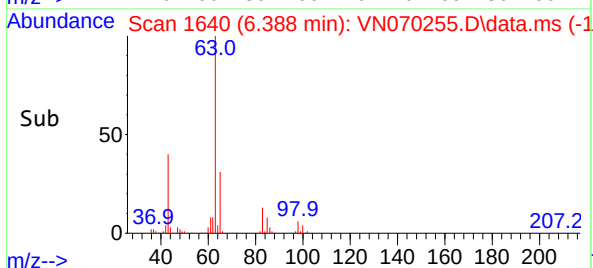
Supervised By :Mahesh Dadoda 12/23/2021

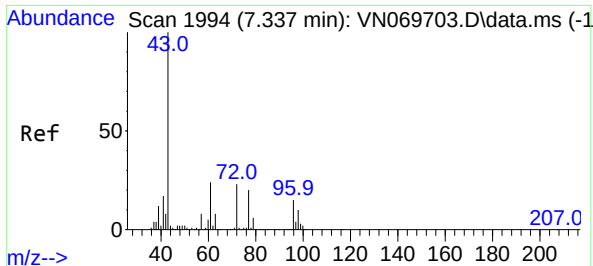


#24
 1,1-Dichloroethane
 Concen: 49.94 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN070255.D
 Acq: 20 Dec 2021 21:24



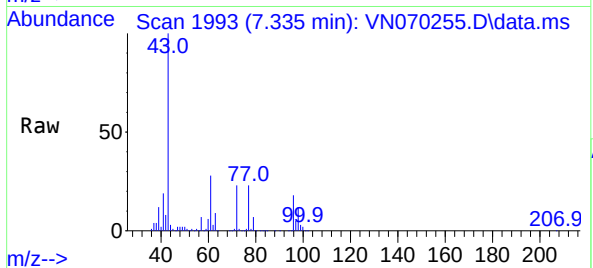
Tgt Ion: 63 Resp: 1040758
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.3 9.9
 100 3.7 2.1 6.5





#25
2-Butanone
Concen: 221.75 ug/l
RT: 7.335 min Scan# 1994
Delta R.T. -0.003 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

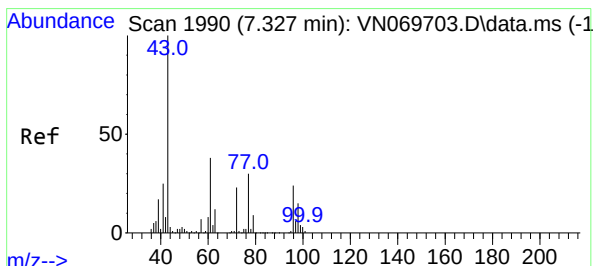
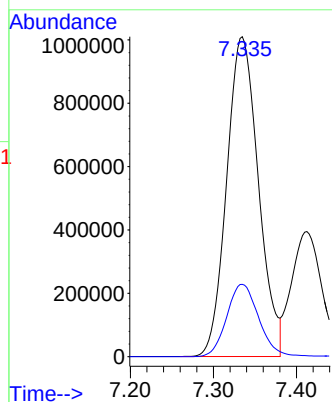
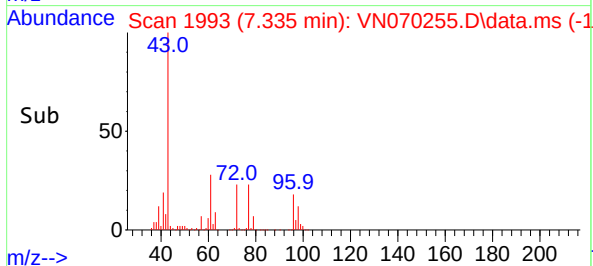
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



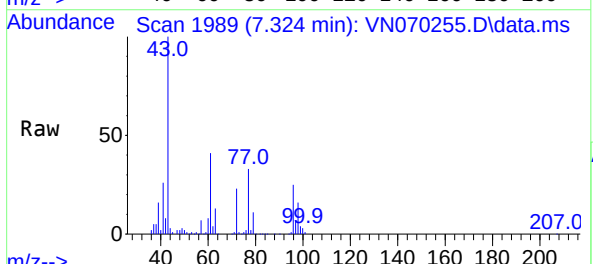
Tgt Ion: 43 Resp: 268349
Ion Ratio Lower Upper
43 100
72 22.6 21.7 32.5

Manual Integrations
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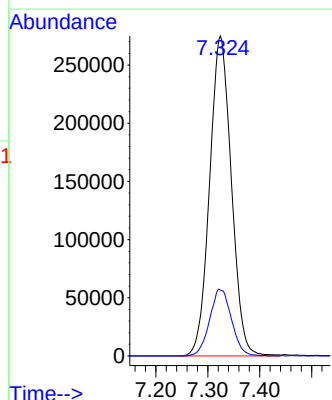
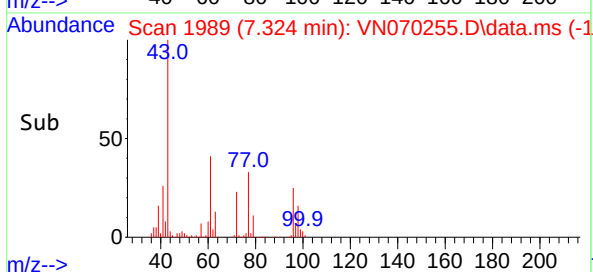
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

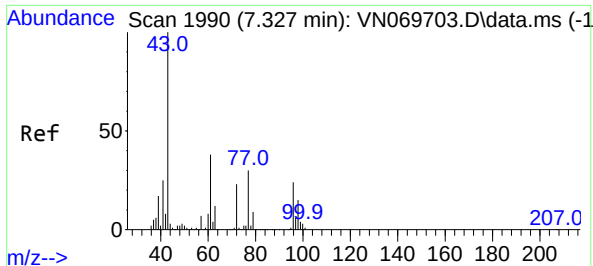


#26
2,2-Dichloropropane
Concen: 49.32 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24



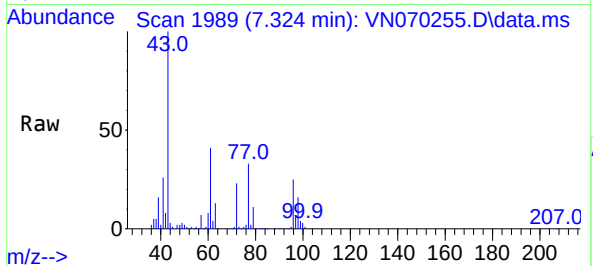
Tgt Ion: 77 Resp: 799179
Ion Ratio Lower Upper
77 100
97 21.0 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 48.29 ug/l
RT: 7.324 min Scan# 1990
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

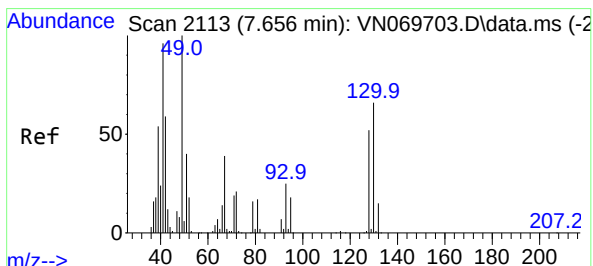
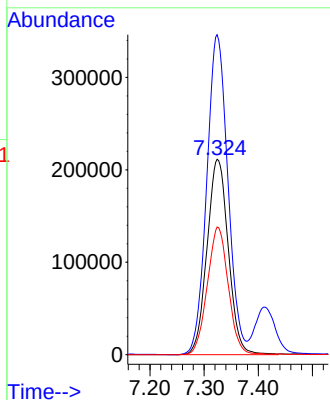
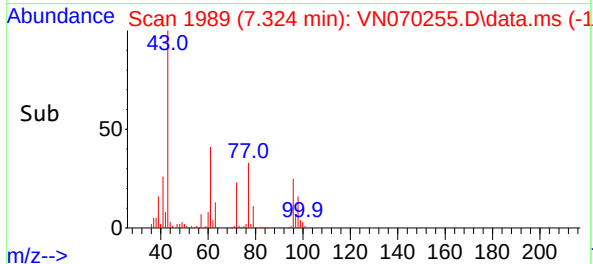
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 57881
Ion Ratio Lower Upper
96 100
61 161.9 0.0 275.0
98 64.1 0.0 129.6

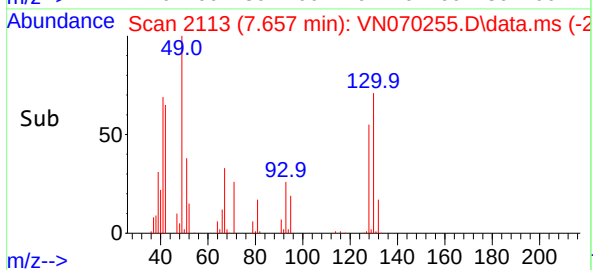
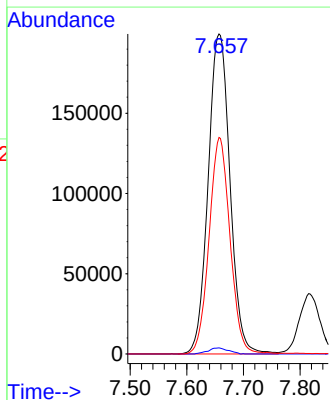
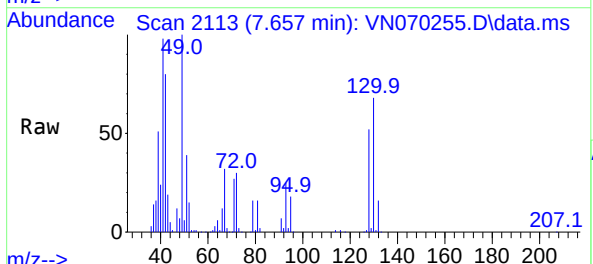
Manual Integrations
APPROVED

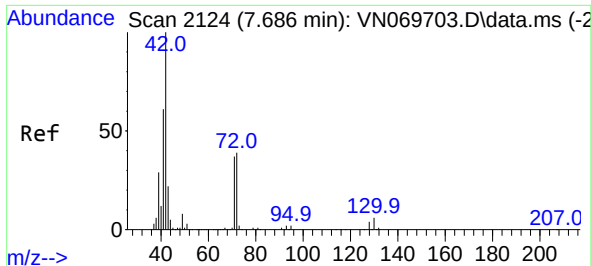
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#28
Bromochloromethane
Concen: 49.45 ug/l
RT: 7.657 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

Tgt Ion: 49 Resp: 535897
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.0
130 64.5 67.8 101.8





#29

Tetrahydrofuran

Concen: 230.01 ug/l

RT: 7.683 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070255.D

Acq: 20 Dec 2021 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 169022

Ion Ratio Lower Upper

42 100

72 38.0 36.3 54.5

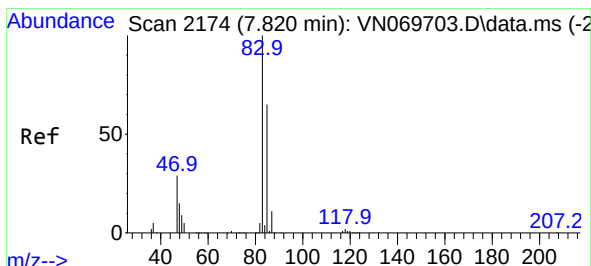
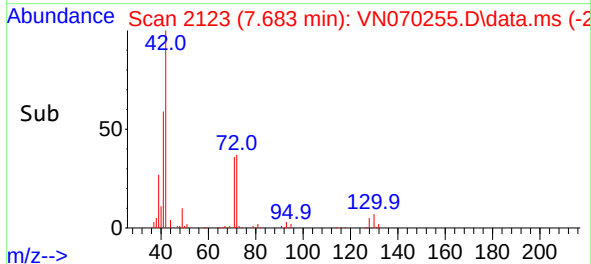
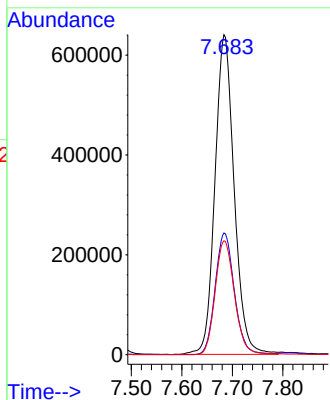
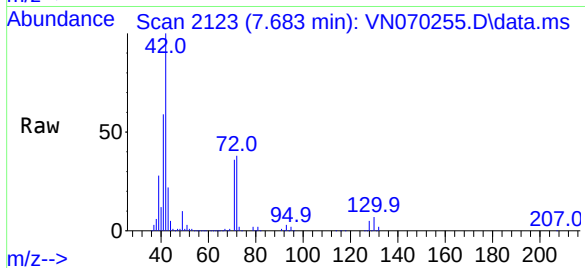
71 35.8 34.7 52.1

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Reviewed By :John Carlone 12/21/2021

Supervised By :Mahesh Dadoda 12/23/2021



#30

Chloroform

Concen: 49.36 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN070255.D

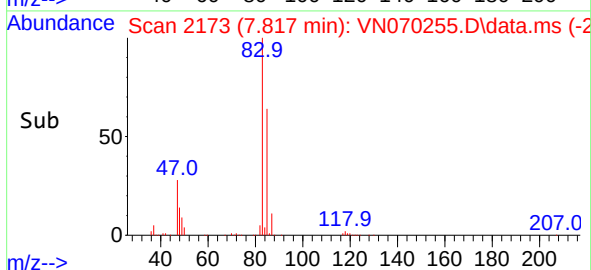
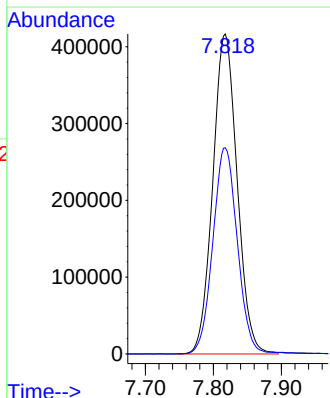
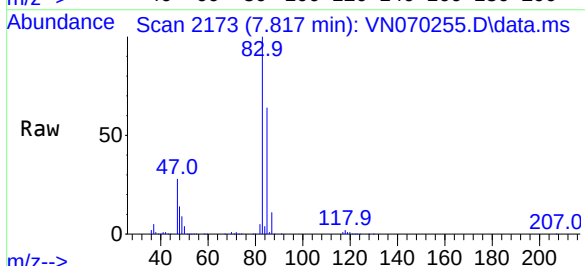
Acq: 20 Dec 2021 21:24

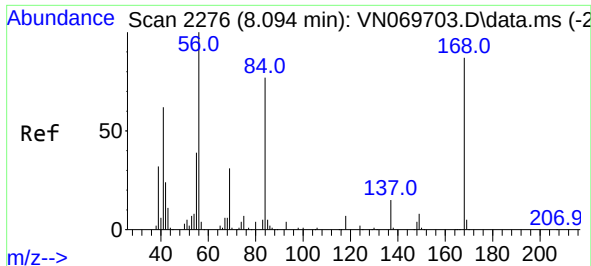
Tgt Ion: 83 Resp: 1038994

Ion Ratio Lower Upper

83 100

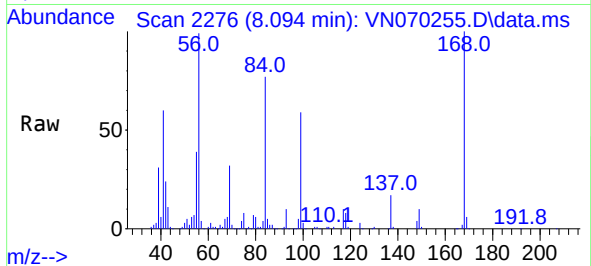
85 64.4 51.9 77.9





#31
Cyclohexane
Concen: 43.12 ug/l
RT: 8.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

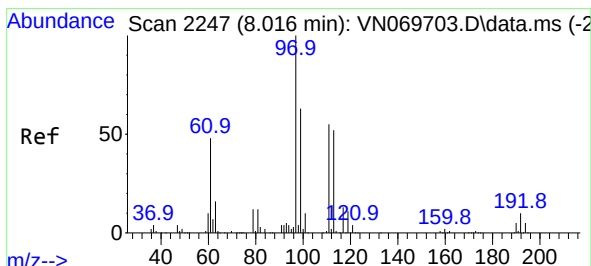
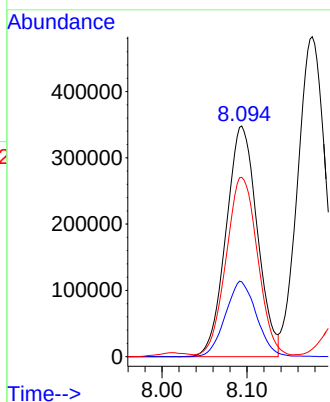
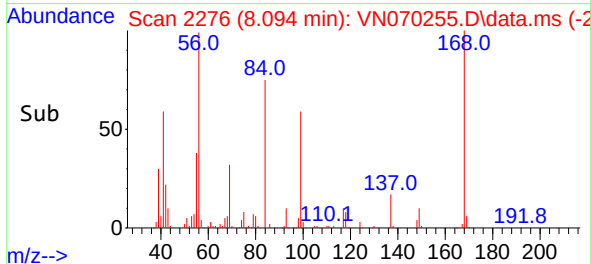
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



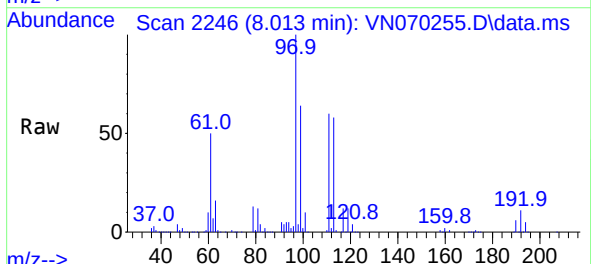
Tgt Ion: 56 Resp: 888430
Ion Ratio Lower Upper
56 100
69 32.5 27.1 40.7
84 76.3 73.4 110.0

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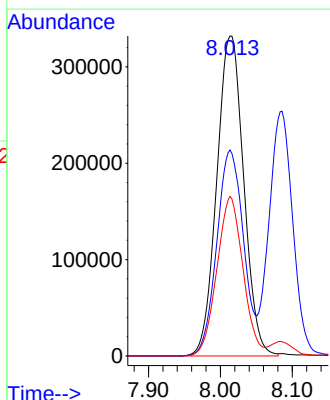
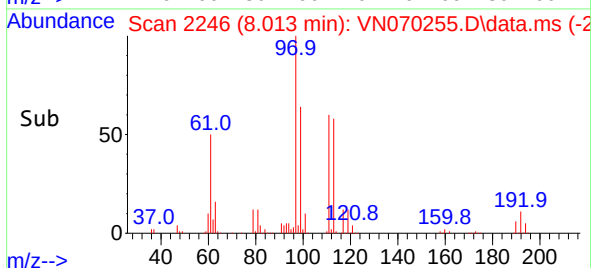
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

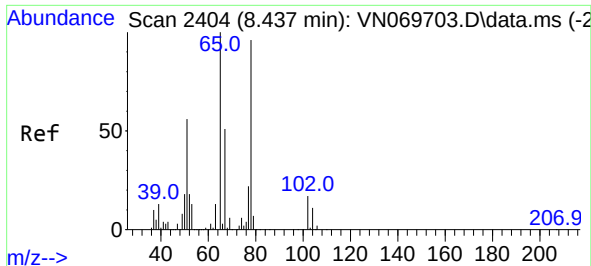


#32
1,1,1-Trichloroethane
Concen: 48.28 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24



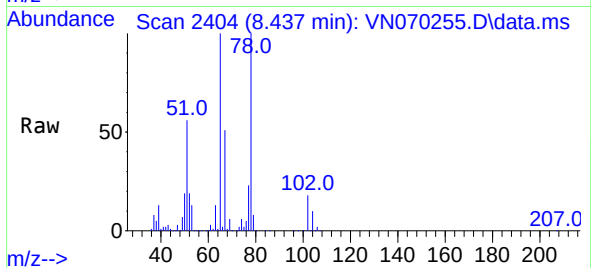
Tgt Ion: 97 Resp: 865570
Ion Ratio Lower Upper
97 100
99 63.8 50.1 75.1
61 48.1 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 51.42 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

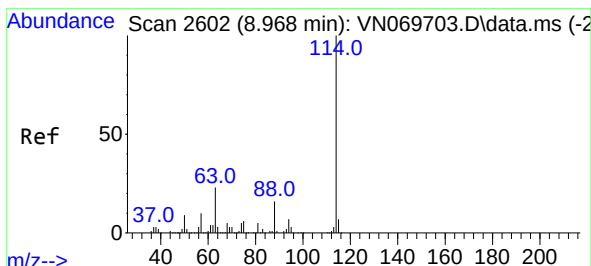
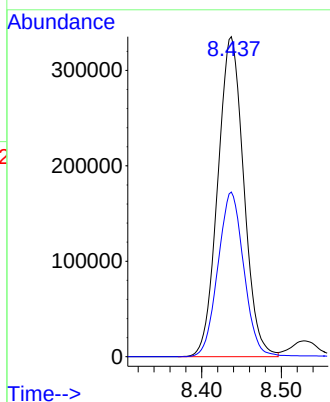
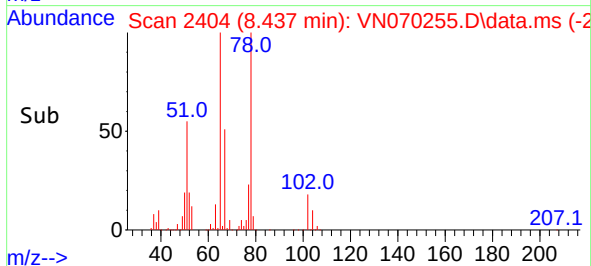
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



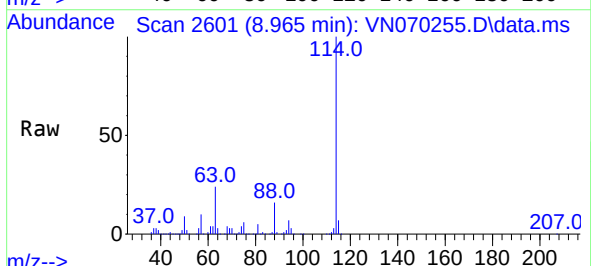
Tgt Ion: 65 Resp: 761380
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.0

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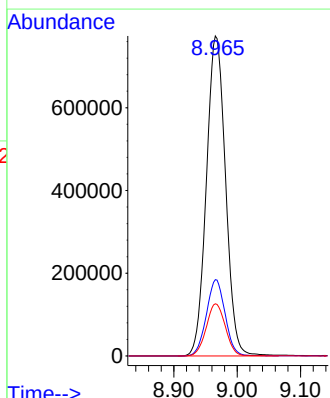
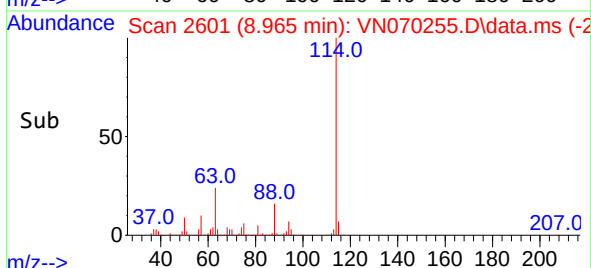
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

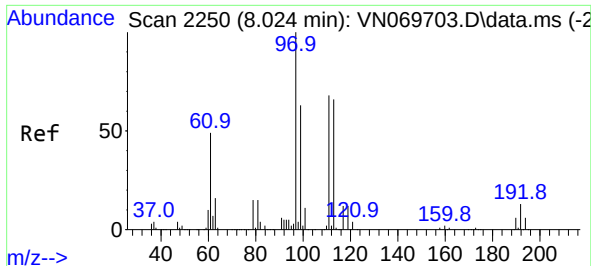


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24



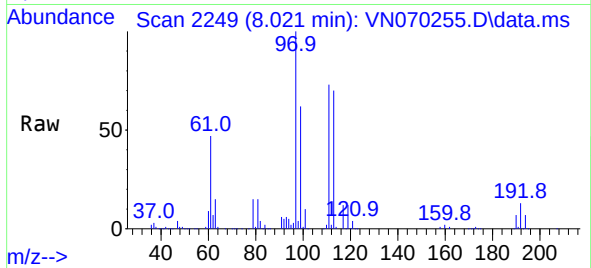
Tgt Ion:114 Resp: 1626871
Ion Ratio Lower Upper
114 100
63 23.8 0.0 37.8
88 16.3 0.0 27.4





#35
Dibromofluoromethane
Concen: 51.99 ug/l
RT: 8.021 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

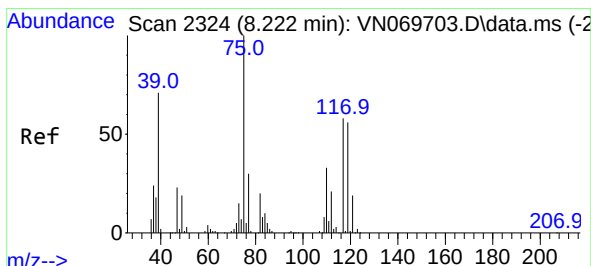
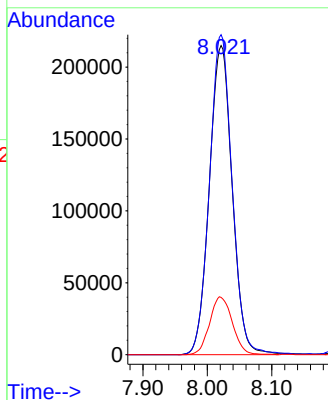
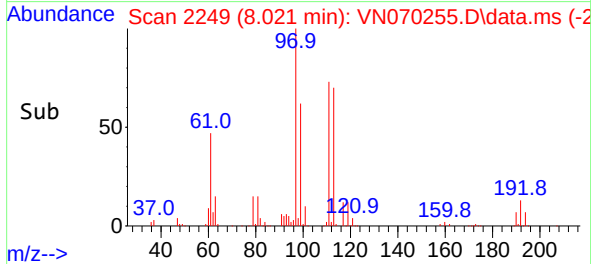
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



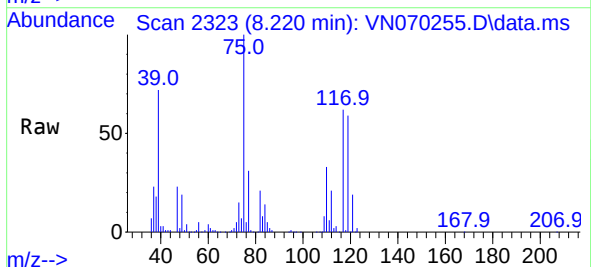
Tgt Ion: 113 Resp: 52979
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 18.6 16.9 25.3

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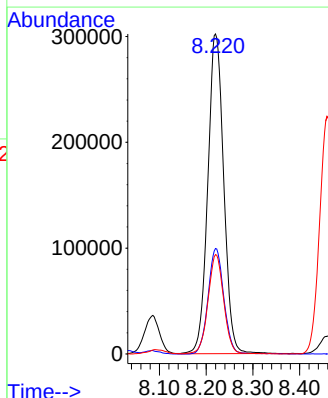
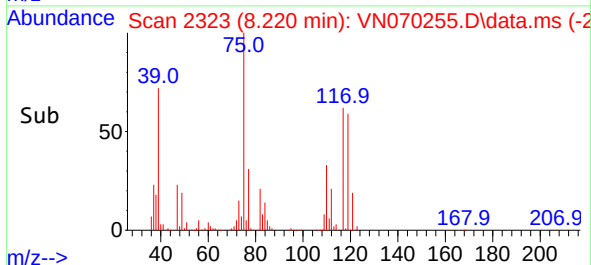
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

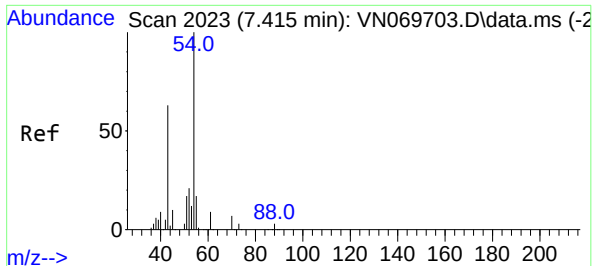


#36
1,1-Dichloropropene
Concen: 46.23 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24



Tgt Ion: 75 Resp: 715905
Ion Ratio Lower Upper
75 100
110 32.5 18.4 55.2
77 30.3 24.4 36.6





#37
Ethyl Acetate
Concen: 45.48 ug/l
RT: 7.413 min Scan# 2023
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

Instrument :

MSVOA_N

ClientSampleId :

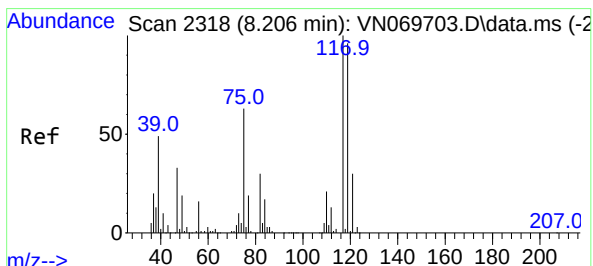
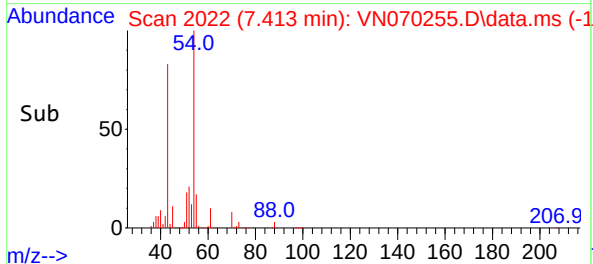
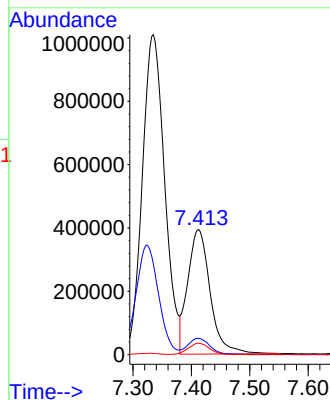
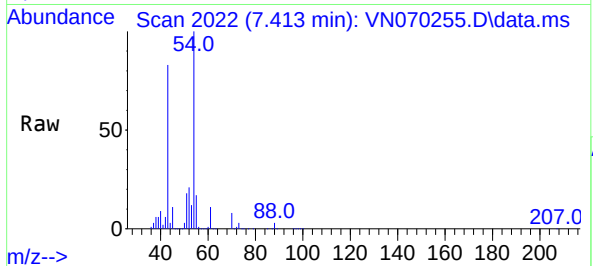
VSTDCCC050EC

Tgt Ion: 43 Resp: 104828
Ion Ratio Lower Upper
43 100
61 12.7 11.5 17.3
70 8.4 7.9 11.9

Manual Integrations

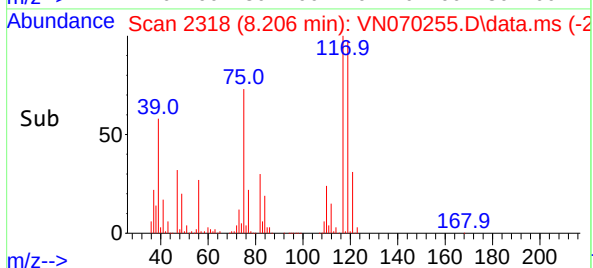
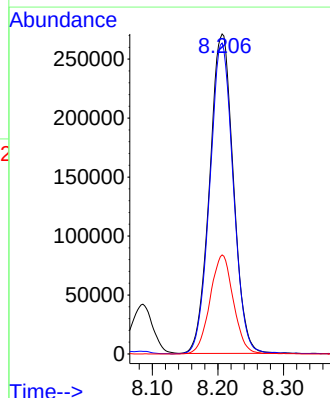
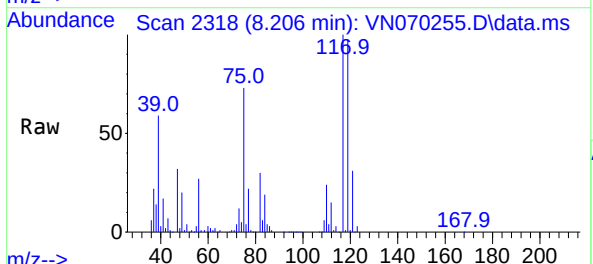
APPROVED

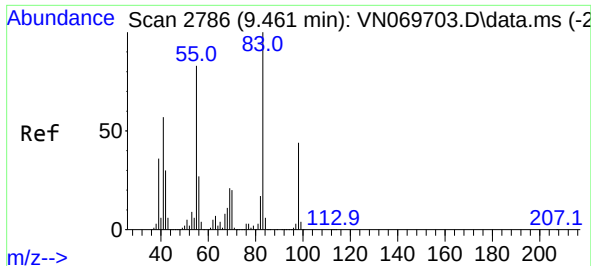
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#38
Carbon Tetrachloride
Concen: 44.76 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

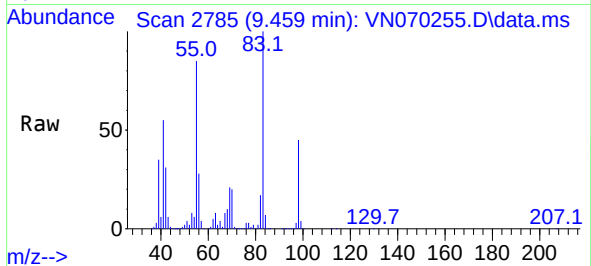
Tgt Ion:117 Resp: 679751
Ion Ratio Lower Upper
117 100
119 97.2 76.1 114.1
121 31.0 24.2 36.2





#39
Methylcyclohexane
Concen: 44.69 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

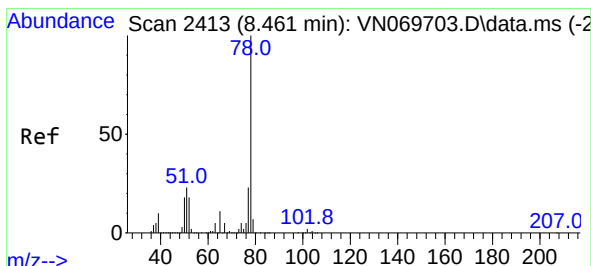
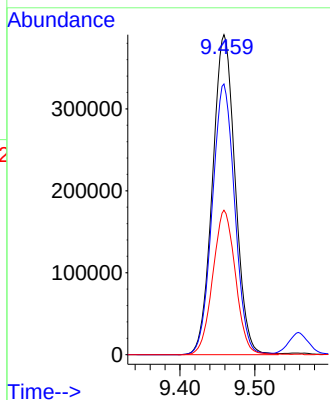
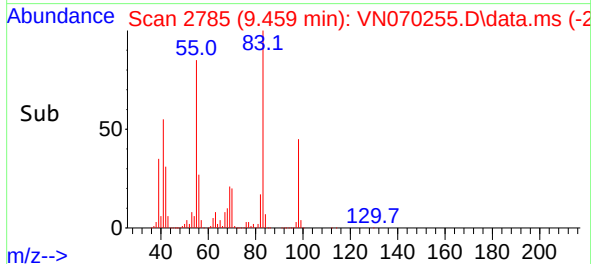
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 823208
Ion Ratio Lower Upper
83 100
55 84.6 58.1 87.1
98 45.2 38.4 57.6

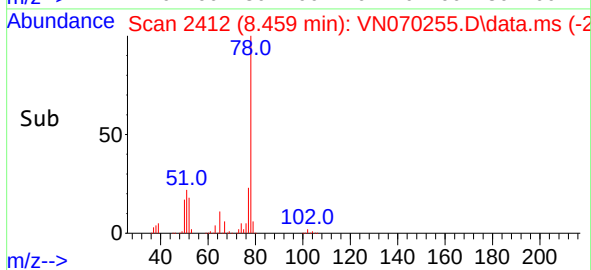
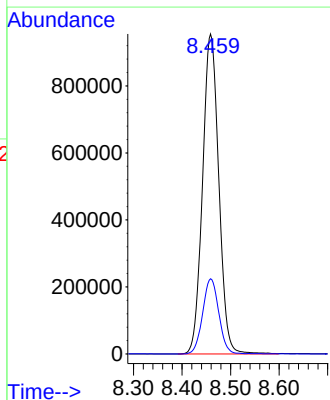
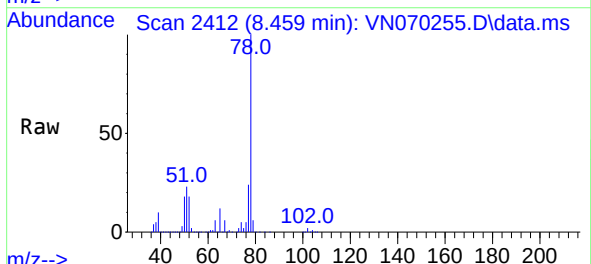
Manual Integrations
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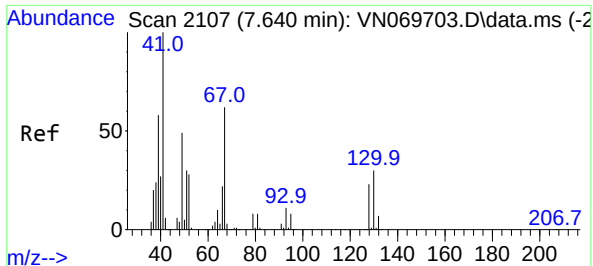
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#40
Benzene
Concen: 46.88 ug/l
RT: 8.459 min Scan# 2412
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

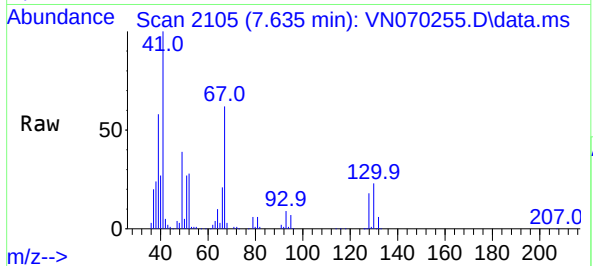
Tgt Ion: 78 Resp: 2219193
Ion Ratio Lower Upper
78 100
77 23.5 18.6 27.8





#41
Methacrylonitrile
Concen: 47.65 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.005 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

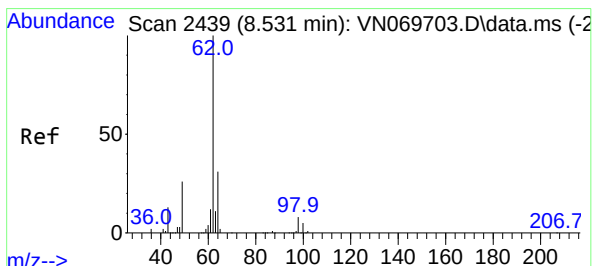
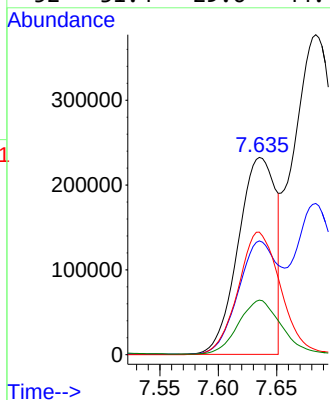
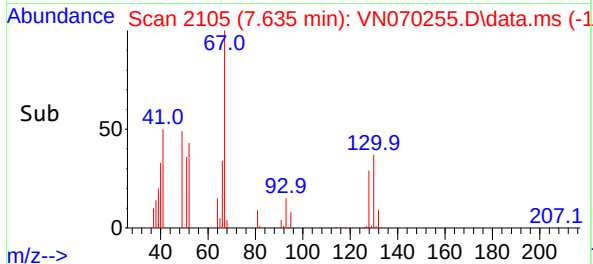
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 51564
Ion Ratio Lower Upper
41 100
39 63.1 48.1 72.1
67 71.8 68.3 102.5
52 31.4 29.6 44.4

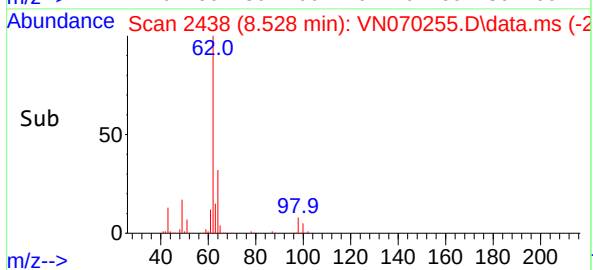
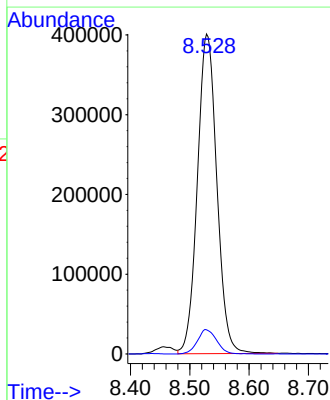
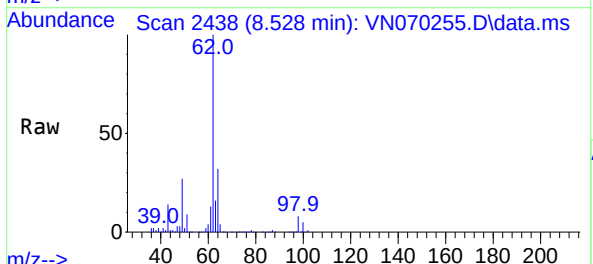
Manual Integrations
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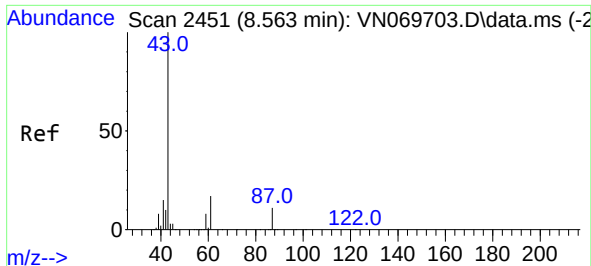
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#42
1,2-Dichloroethane
Concen: 47.78 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

Tgt Ion: 62 Resp: 913148
Ion Ratio Lower Upper
62 100
98 7.5 0.0 17.6





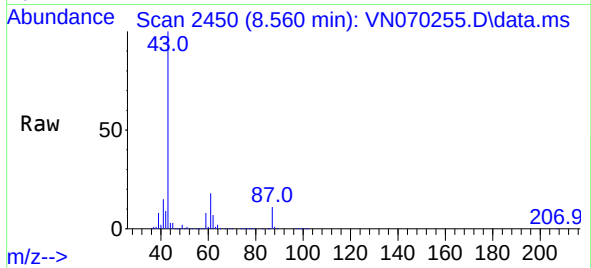
#43
Isopropyl Acetate
Concen: 48.98 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

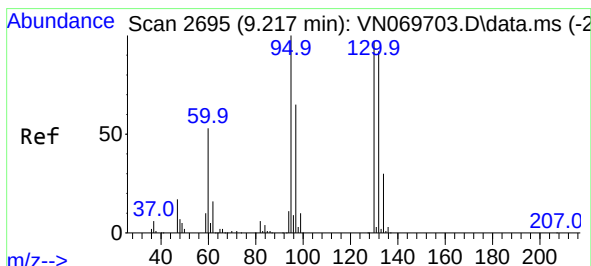
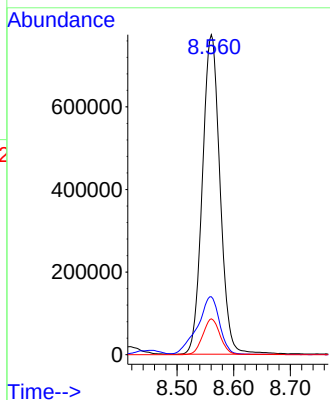
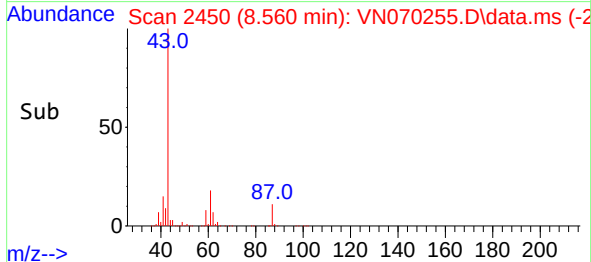


Tgt Ion: 43 Resp: 167090
Ion Ratio Lower Upper
43 100
61 22.7 20.4 30.6
87 11.0 11.2 16.8

Manual Integrations

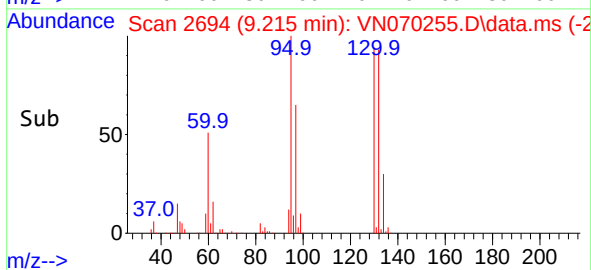
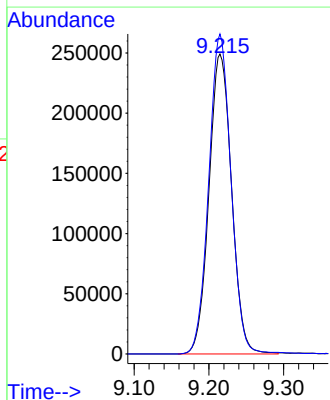
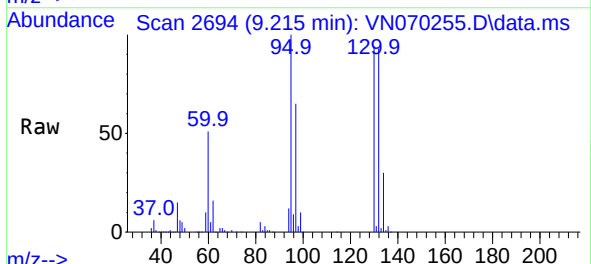
APPROVED

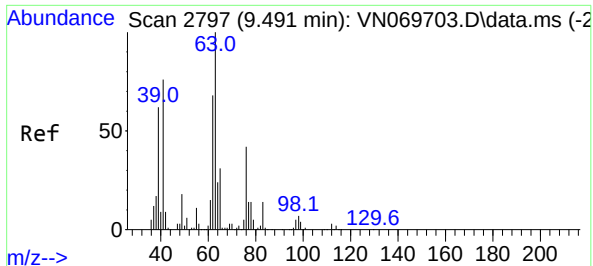
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#44
Trichloroethene
Concen: 46.35 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

Tgt Ion:130 Resp: 523683
Ion Ratio Lower Upper
130 100
95 106.7 0.0 191.2





#45

1,2-Dichloropropane

Concen: 49.57 ug/l

RT: 9.488 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070255.D

Acq: 20 Dec 2021 21:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 630085

Ion Ratio Lower Upper

63 100

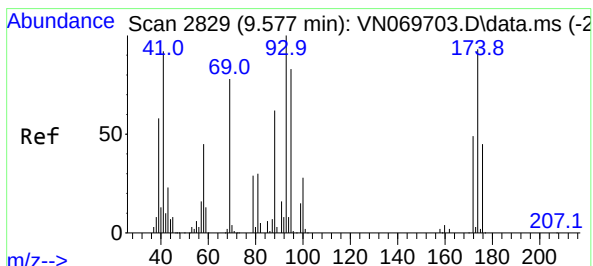
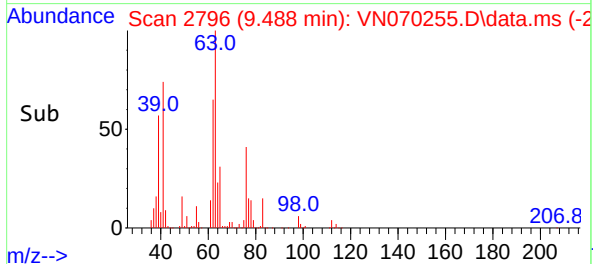
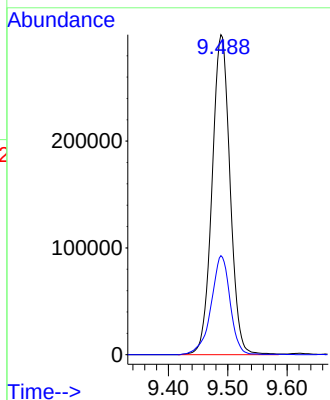
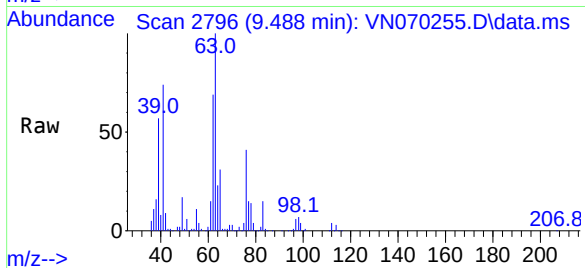
65 31.0 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2021

Supervised By :Mahesh Dadoda 12/23/2021



#46

Dibromomethane

Concen: 46.86 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN070255.D

Acq: 20 Dec 2021 21:24

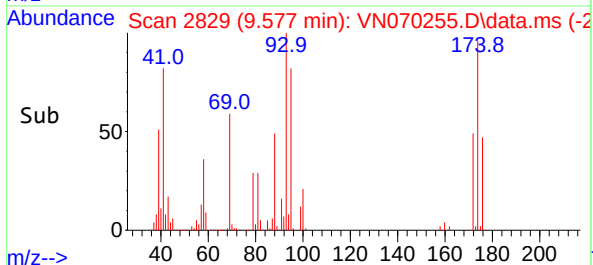
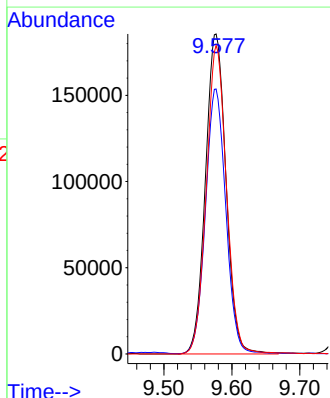
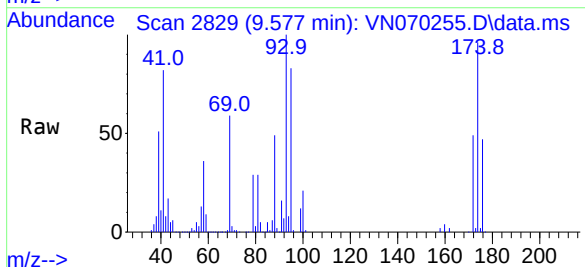
Tgt Ion: 93 Resp: 390650

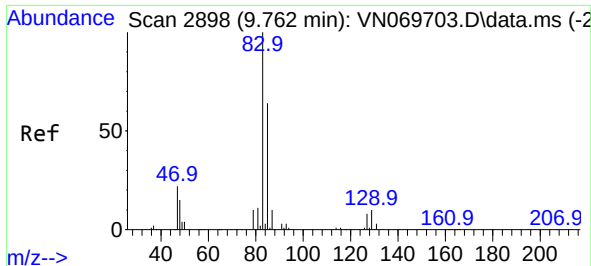
Ion Ratio Lower Upper

93 100

95 81.7 65.9 98.9

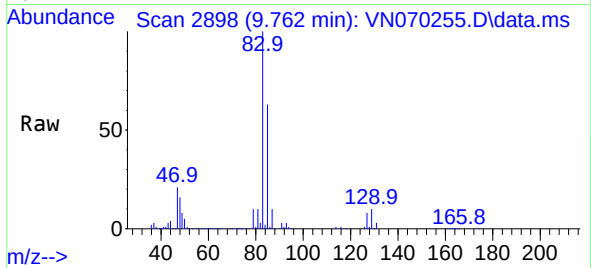
174 94.6 84.6 127.0





#47
Bromodichloromethane
Concen: 49.38 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

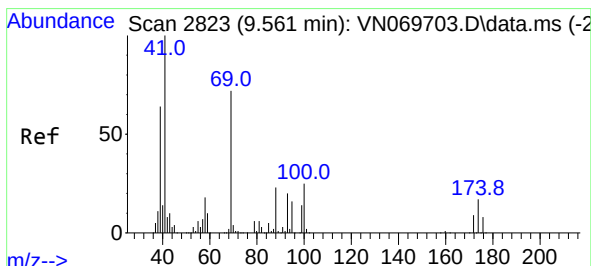
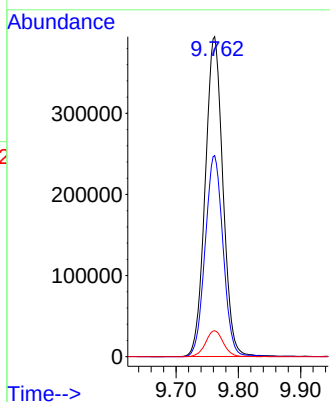
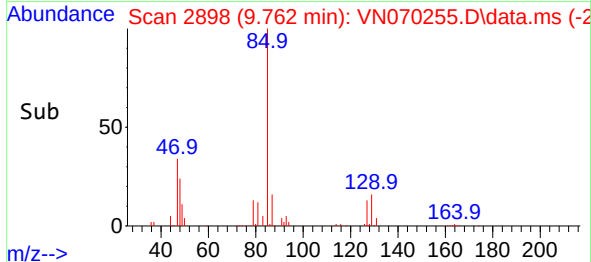
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 77947
Ion Ratio Lower Upper
83 100
85 62.9 50.9 76.3
127 8.1 7.1 10.7

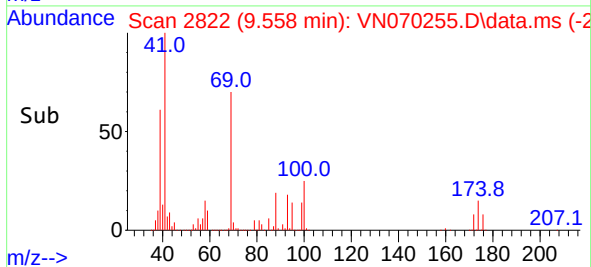
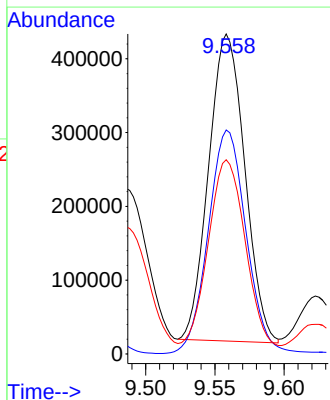
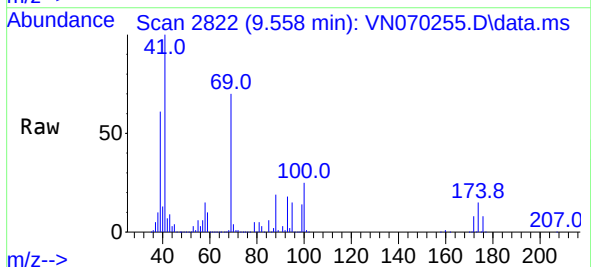
Manual Integrations
APPROVED

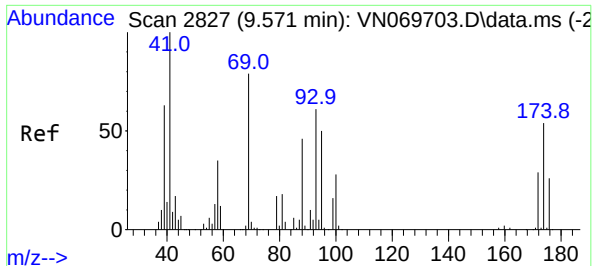
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#48
Methyl methacrylate
Concen: 47.46 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

Tgt Ion: 41 Resp: 755555
Ion Ratio Lower Upper
41 100
69 76.8 72.4 108.6
39 66.9 58.4 87.6





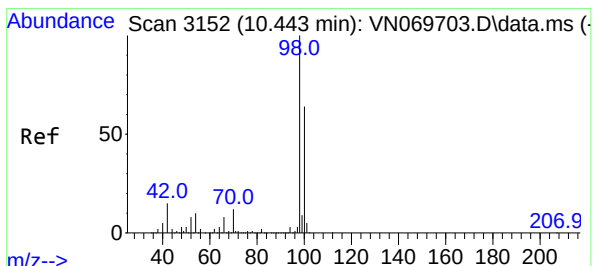
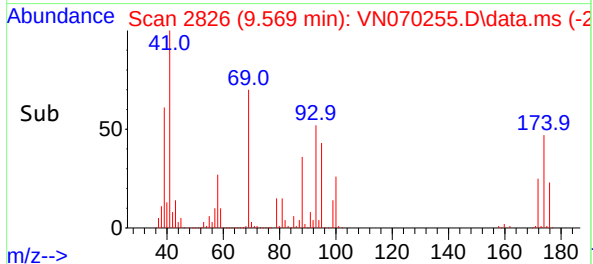
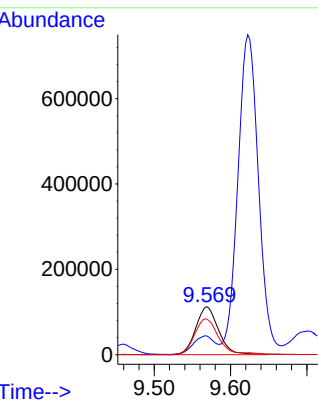
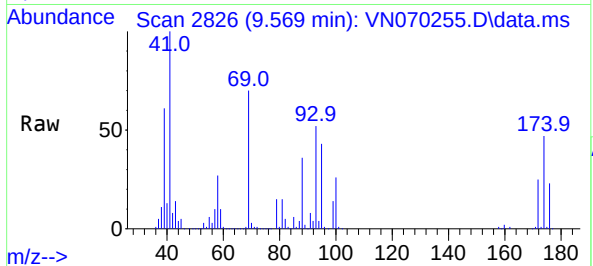
#49
1,4-Dioxane
Concen: 817.95 ug/l
RT: 9.569 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 233630
Ion Ratio Lower Upper
88 100
43 36.2 23.4 35.2
58 77.2 50.6 75.8

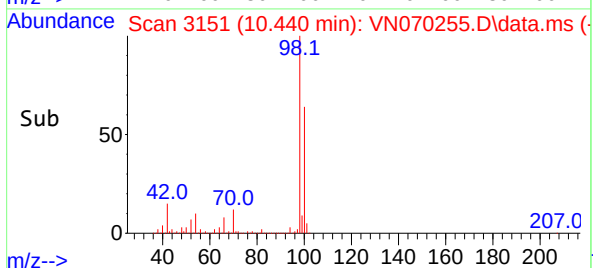
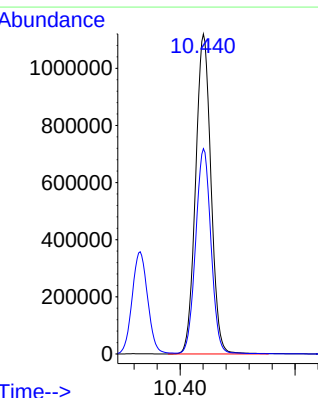
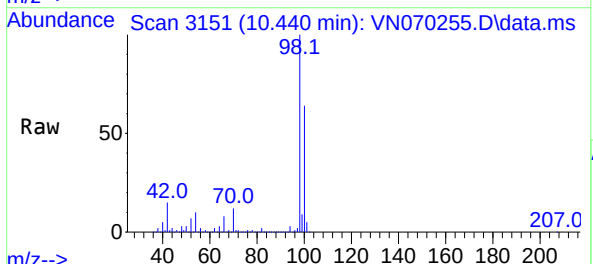
Manual Integrations
APPROVED

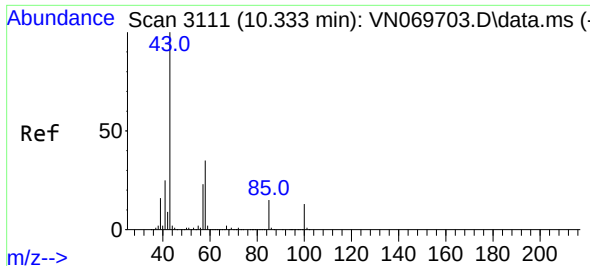
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#50
Toluene-d8
Concen: 50.72 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

Tgt Ion: 98 Resp: 2075443
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6





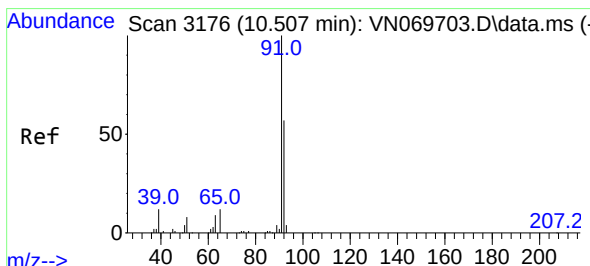
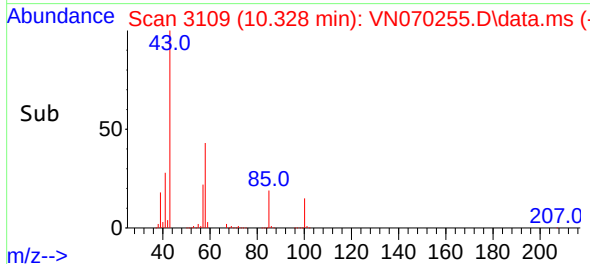
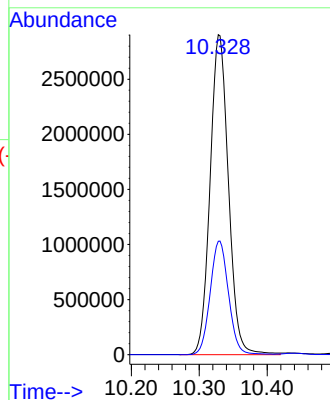
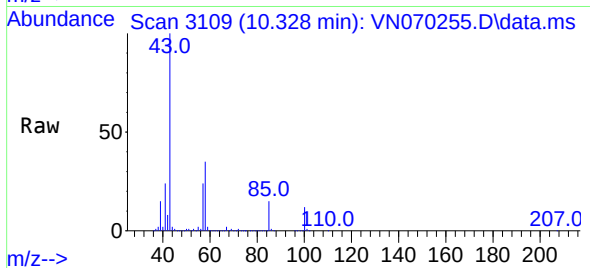
#51
4-Methyl-2-Pentanone
Concen: 245.98 ug/l
RT: 10.328 min Scan# 3111
Delta R.T. -0.005 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 544340
Ion Ratio Lower Upper
43 100
58 35.6 30.4 45.6

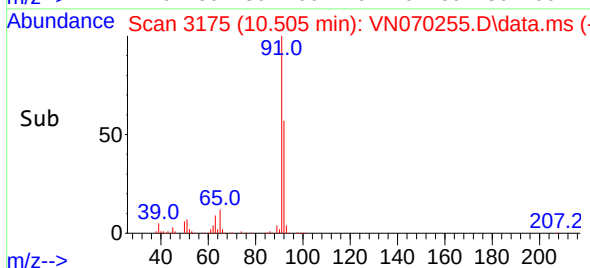
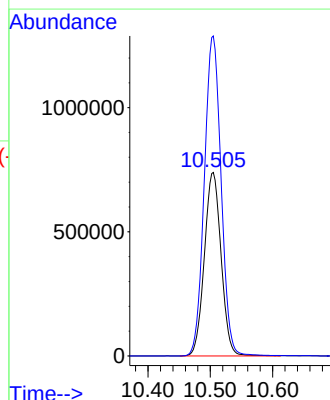
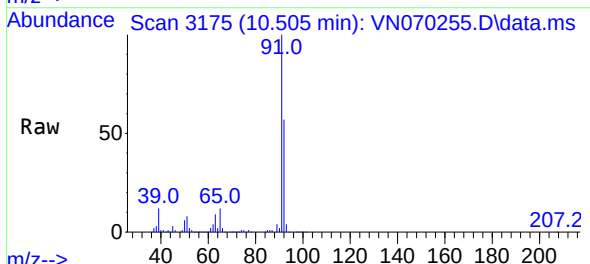
Manual Integrations
APPROVED

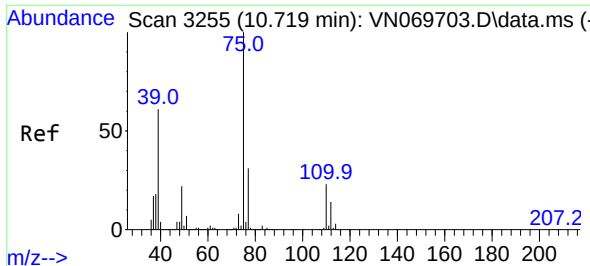
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#52
Toluene
Concen: 47.61 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

Tgt Ion: 92 Resp: 1375860
Ion Ratio Lower Upper
92 100
91 175.3 142.0 213.0





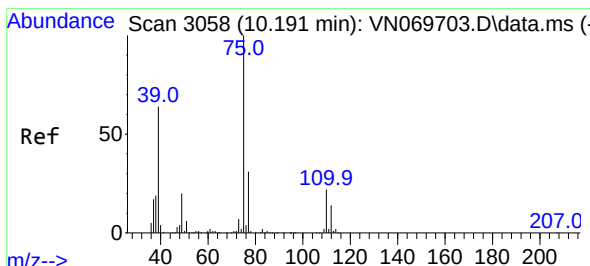
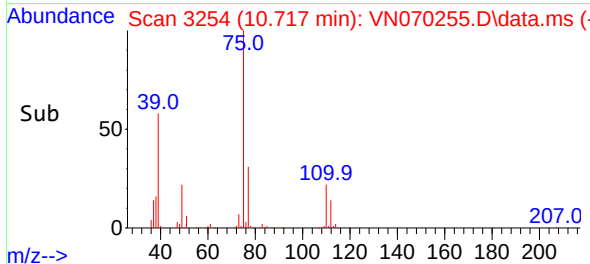
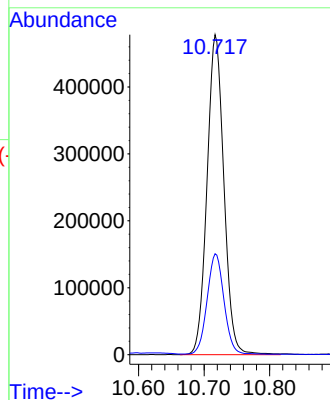
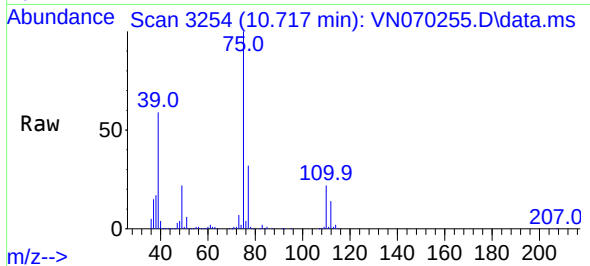
#53
t-1,3-Dichloropropene
Concen: 45.21 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 853082
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4

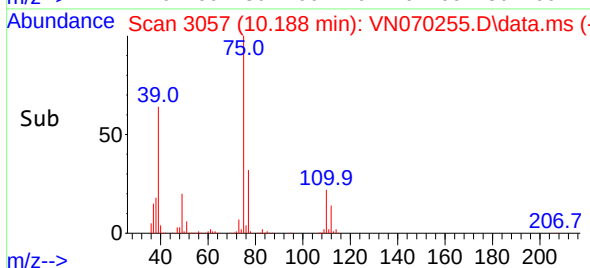
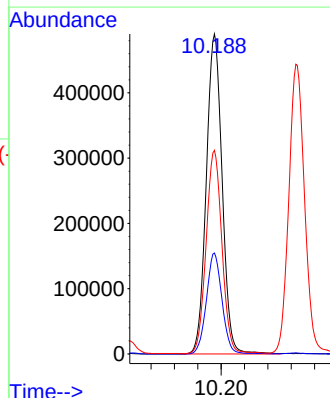
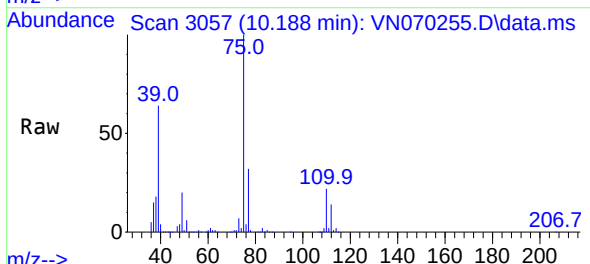
Manual Integrations
APPROVED

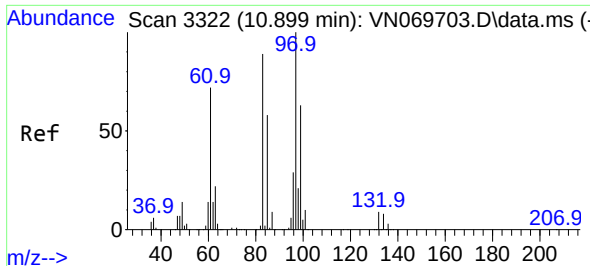
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#54
cis-1,3-Dichloropropene
Concen: 46.46 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

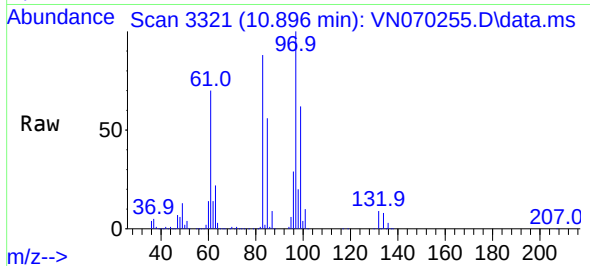
Tgt Ion: 75 Resp: 922996
Ion Ratio Lower Upper
75 100
77 31.5 26.4 39.6
39 63.5 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 49.58 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

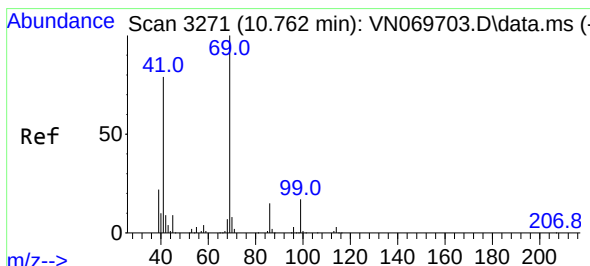
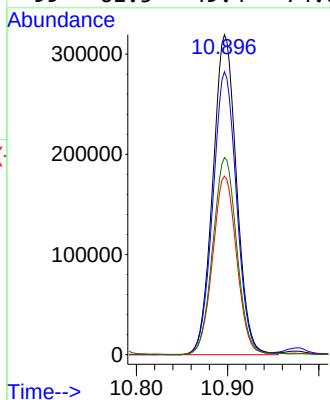
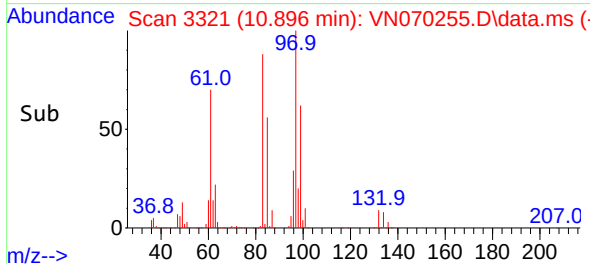
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



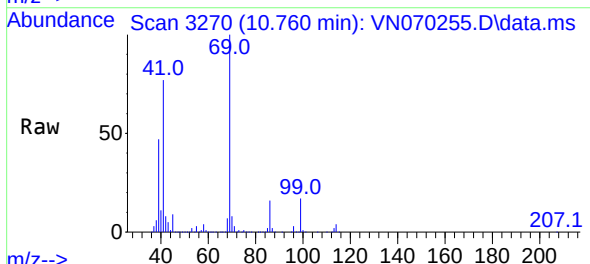
Tgt Ion: 97 Resp: 57817
Ion Ratio Lower Upper
97 100
83 88.4 67.8 101.6
85 55.8 45.4 68.2
99 61.5 49.4 74.0

Manual Integrations
APPROVED

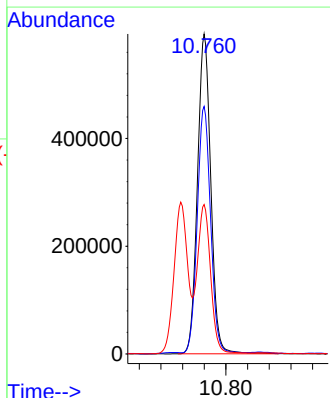
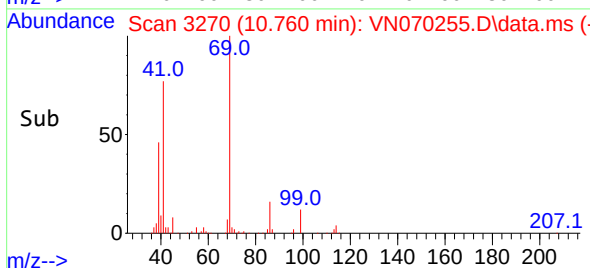
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

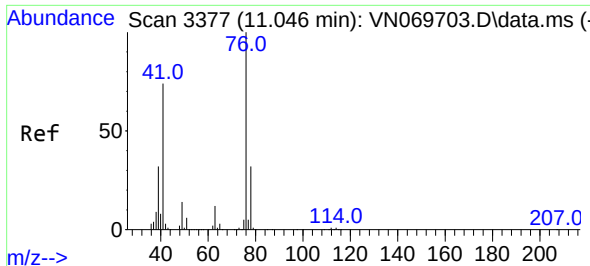


#56
Ethyl methacrylate
Concen: 46.32 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24



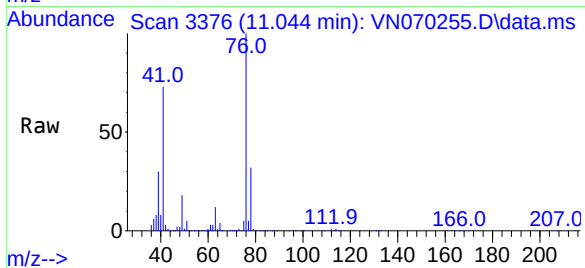
Tgt Ion: 69 Resp: 1015183
Ion Ratio Lower Upper
69 100
41 76.7 51.4 77.0
39 46.2 34.6 52.0





#57
1,3-Dichloropropane
Concen: 49.89 ug/l
RT: 11.044 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

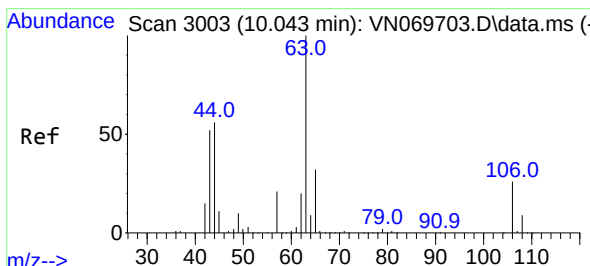
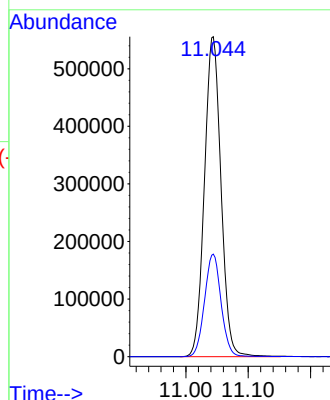
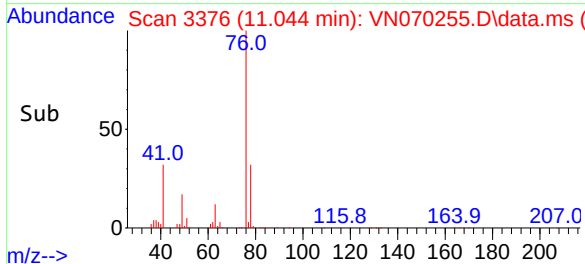
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



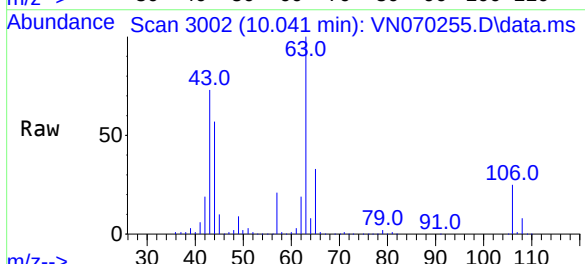
Tgt Ion: 76 Resp: 1024369
Ion Ratio Lower Upper
76 100
78 32.0 25.7 38.5

Manual Integrations
APPROVED

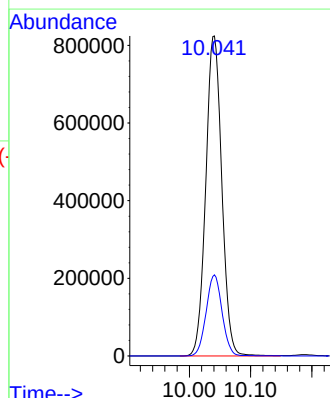
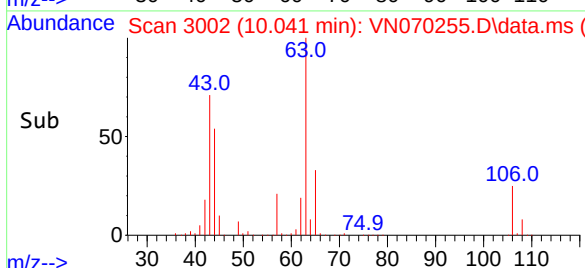
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

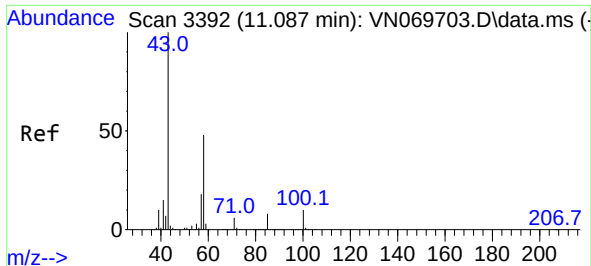


#58
2-Chloroethyl Vinyl ether
Concen: 251.89 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24



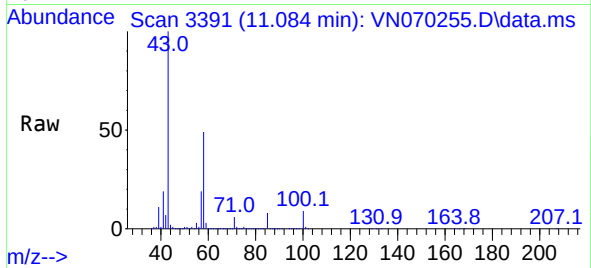
Tgt Ion: 63 Resp: 1497537
Ion Ratio Lower Upper
63 100
106 25.2 23.9 35.9





#59
2-Hexanone
Concen: 234.64 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

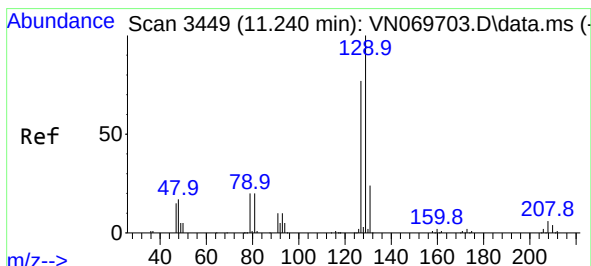
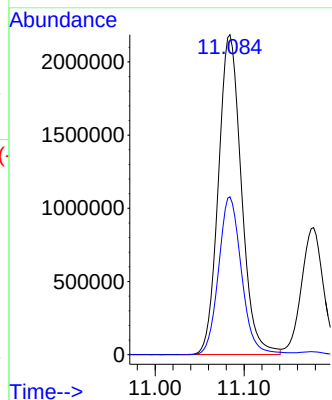
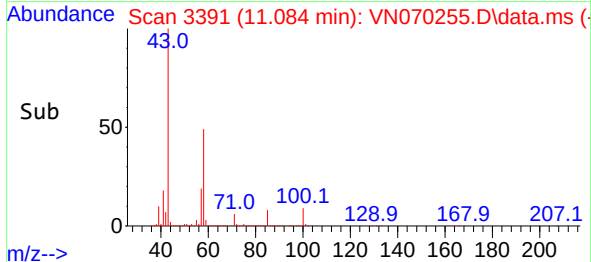
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 3927840
Ion Ratio Lower Upper
43 100
58 49.3 26.9 80.7

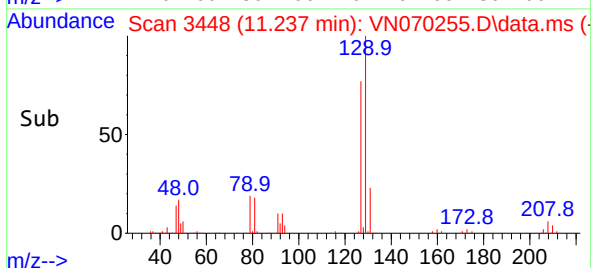
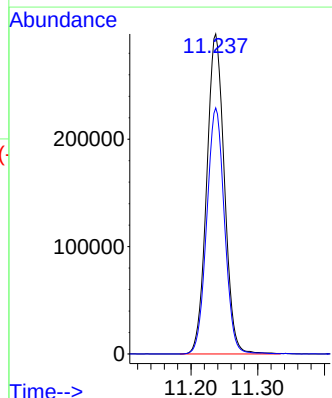
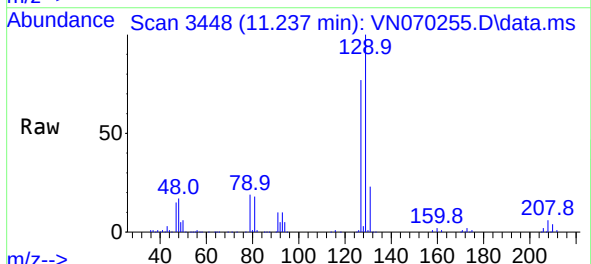
Manual Integrations
APPROVED

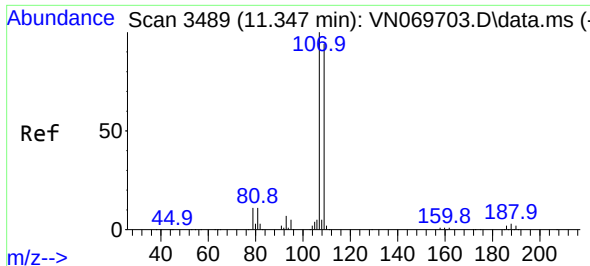
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#60
Dibromochloromethane
Concen: 44.19 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

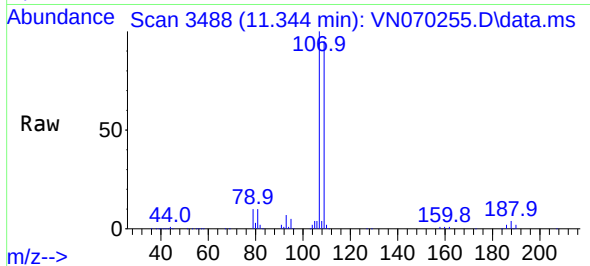
Tgt Ion:129 Resp: 548461
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 48.41 ug/l
RT: 11.344 min Scan# 3489
Delta R.T. -0.003 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

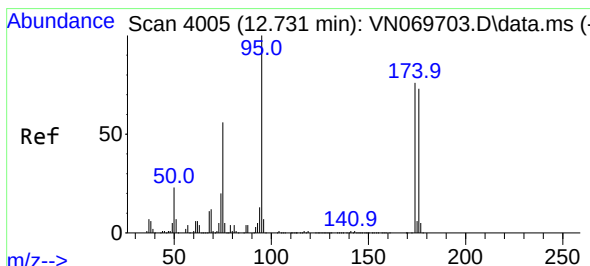
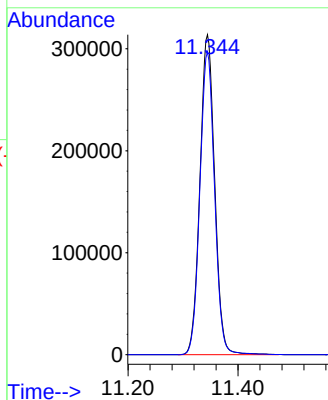
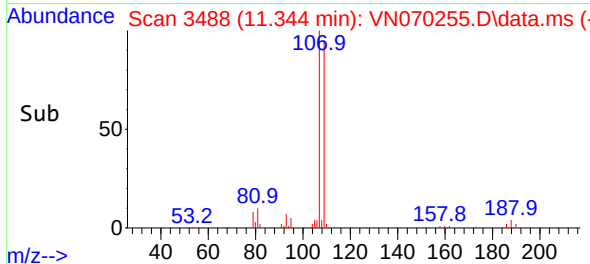
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



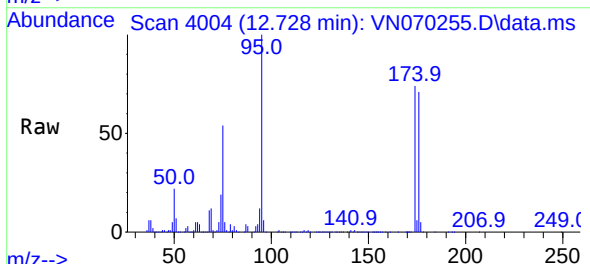
Tgt Ion:107 Resp: 58469
Ion Ratio Lower Upper
107 100
109 94.0 75.7 113.5

Manual Integrations
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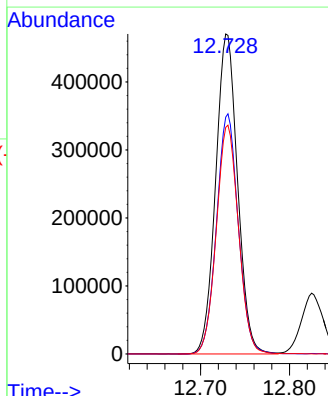
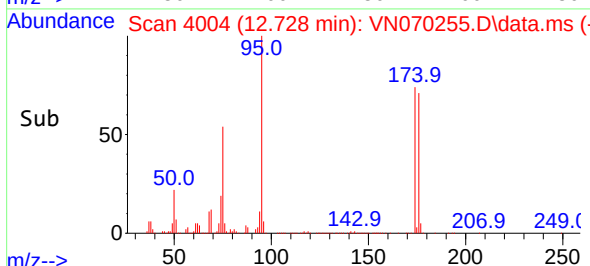
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

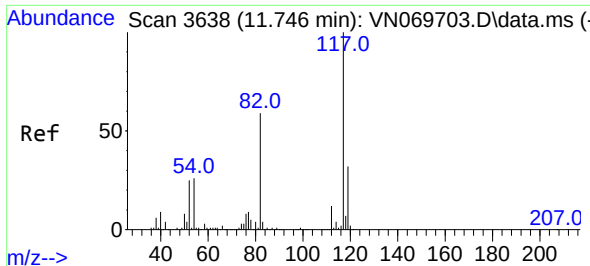


#62
4-Bromofluorobenzene
Concen: 54.32 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24



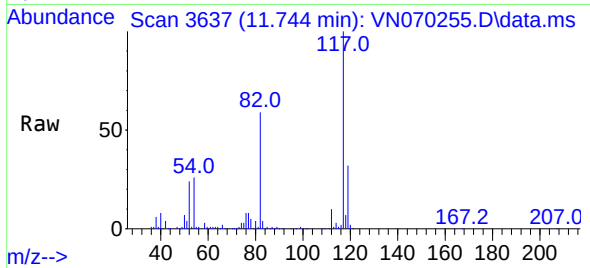
Tgt Ion: 95 Resp: 805274
Ion Ratio Lower Upper
95 100
174 74.7 0.0 187.2
176 72.2 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

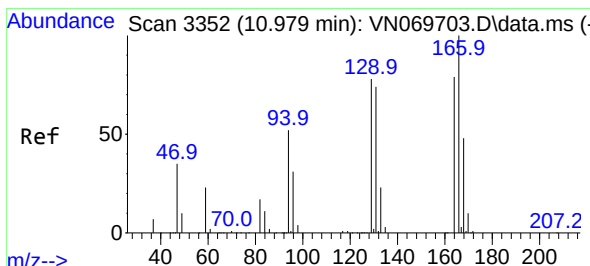
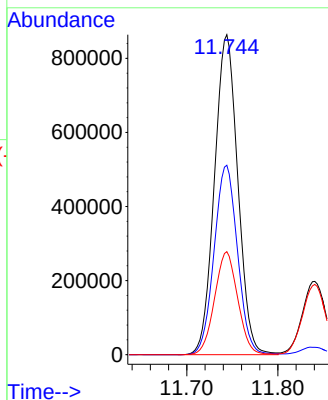
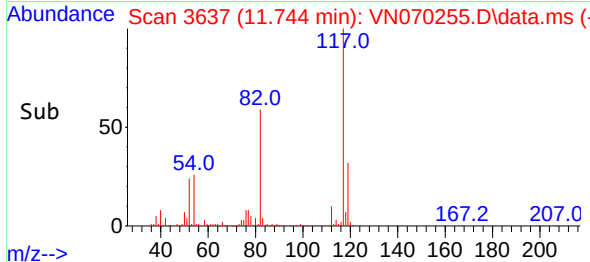
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



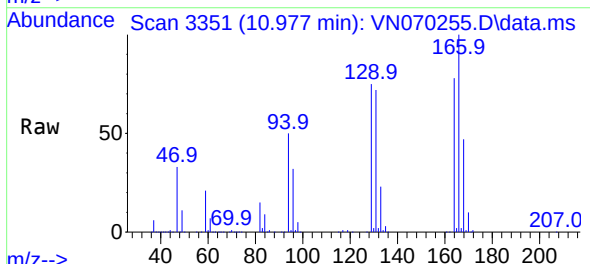
Tgt Ion:117 Resp: 1537189
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 32.2 25.4 38.2

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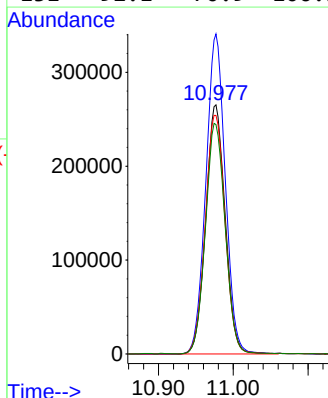
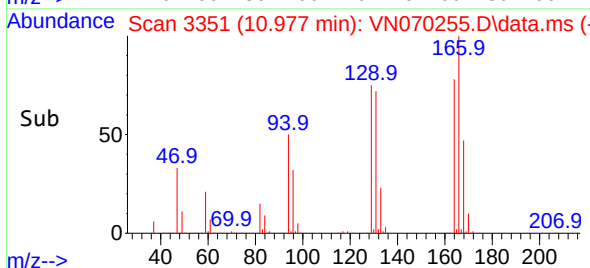
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

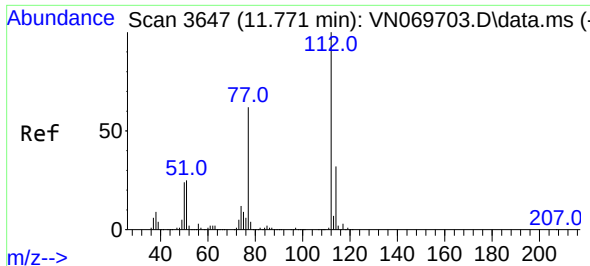


#64
Tetrachloroethene
Concen: 46.05 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24



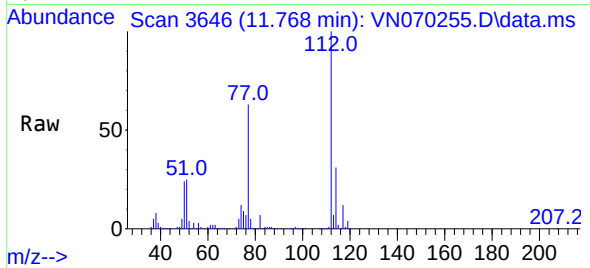
Tgt Ion:164 Resp: 480003
Ion Ratio Lower Upper
164 100
166 128.4 101.9 152.9
129 95.8 72.0 108.0
131 92.1 70.9 106.3





#65
Chlorobenzene
Concen: 47.91 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

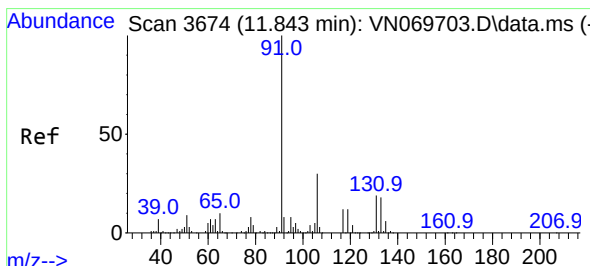
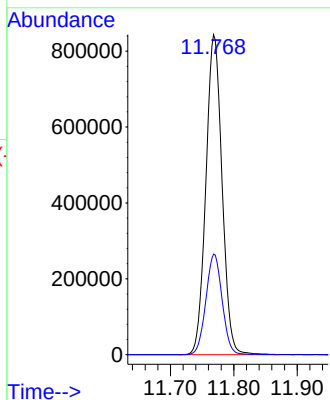
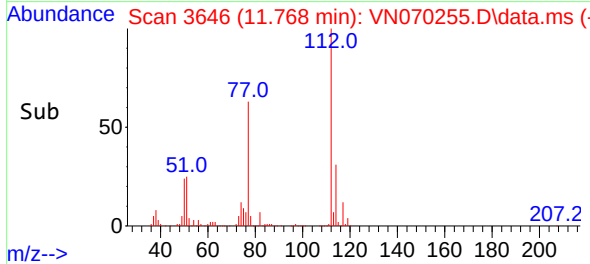
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



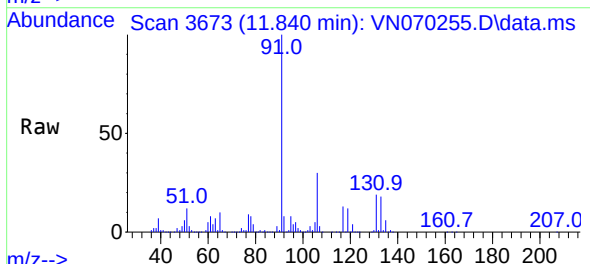
Tgt Ion:112 Resp: 1494004
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0

Manual Integrations
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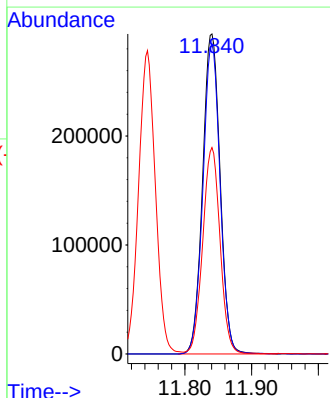
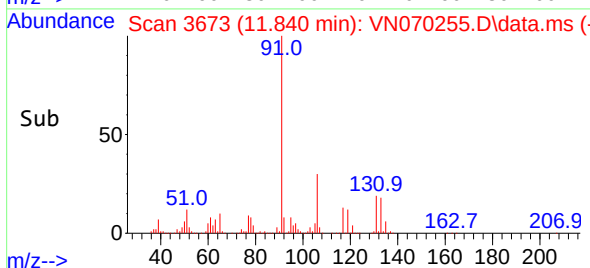
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

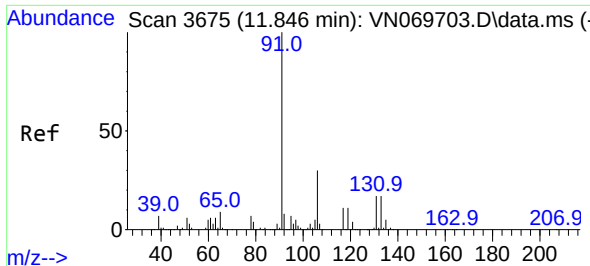


#66
1,1,1,2-Tetrachloroethane
Concen: 48.74 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24



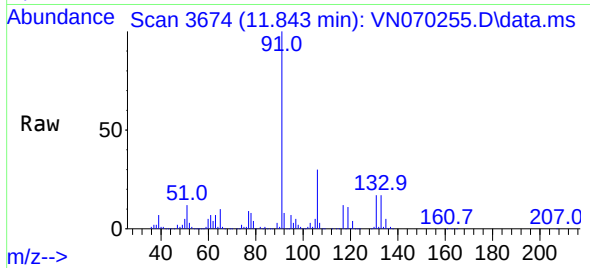
Tgt Ion:131 Resp: 534934
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.7
119 63.4 32.1 96.5





#67
Ethyl Benzene
Concen: 49.13 ug/l
RT: 11.843 min Scan# 3074
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

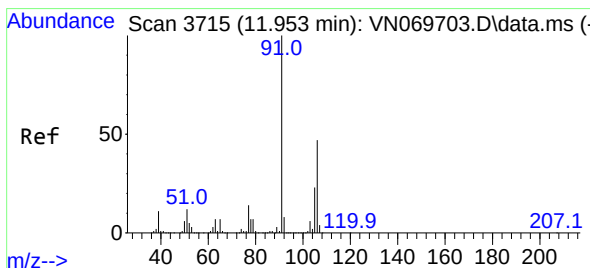
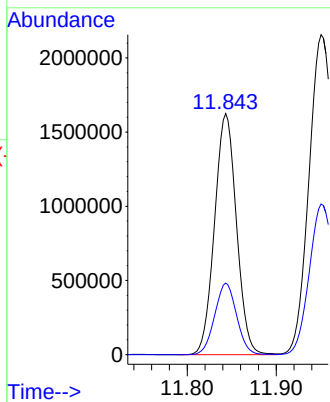
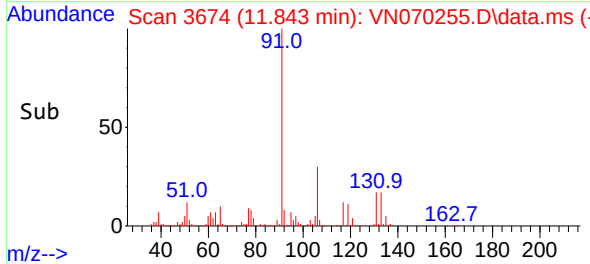
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 278290
Ion Ratio Lower Upper
91 100
106 29.8 25.7 38.5

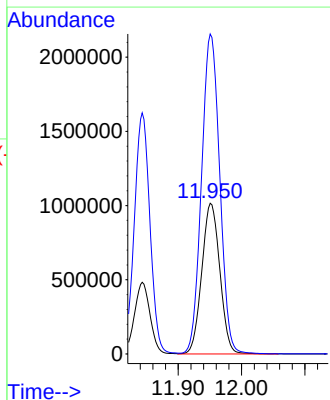
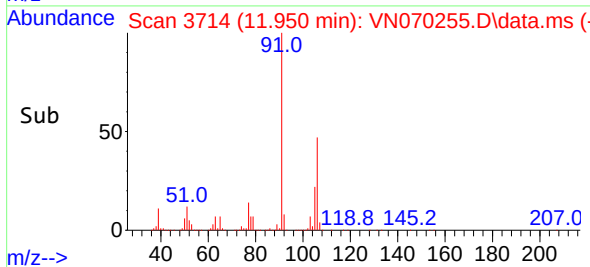
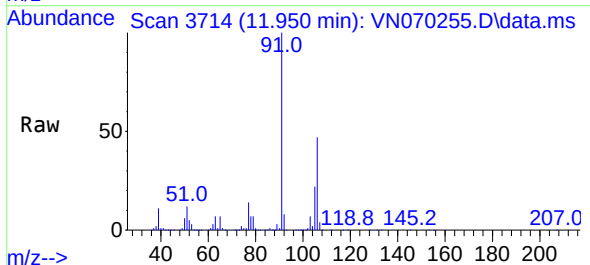
Manual Integrations
APPROVED

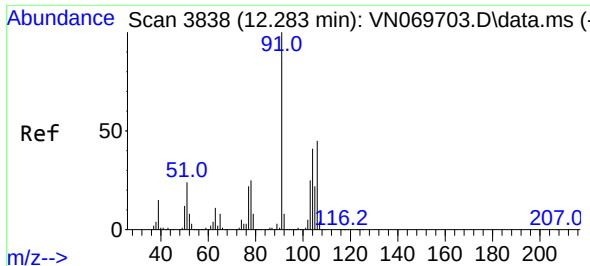
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#68
m/p-Xylenes
Concen: 97.28 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

Tgt Ion:106 Resp: 2006359
Ion Ratio Lower Upper
106 100
91 214.3 160.6 240.8





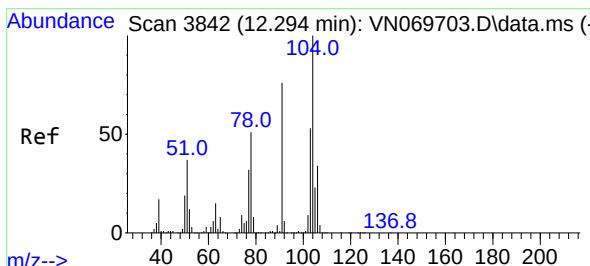
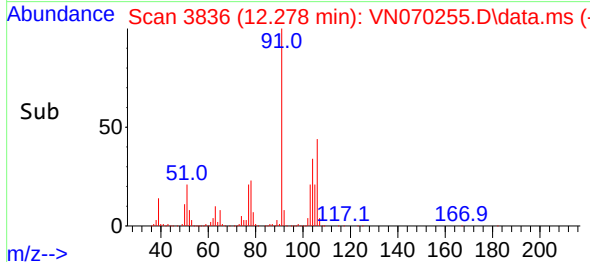
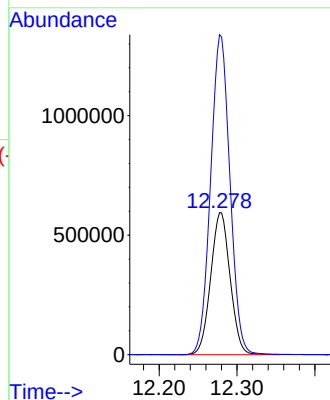
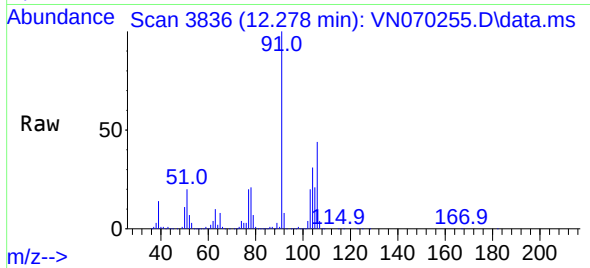
#69
o-Xylene
Concen: 49.51 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.005 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 102857
Ion Ratio Lower Upper
106 100
91 224.5 105.8 317.3

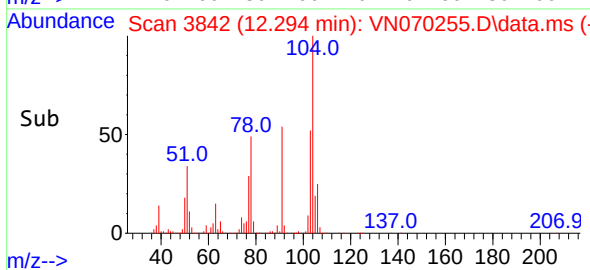
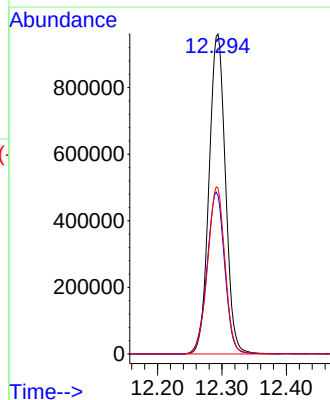
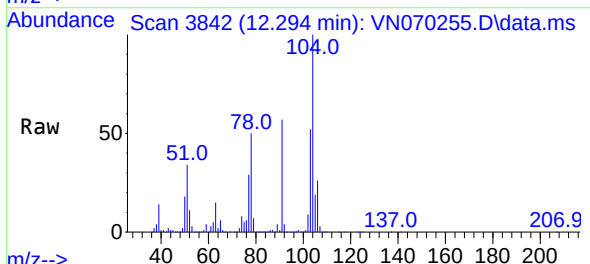
Manual Integrations
APPROVED

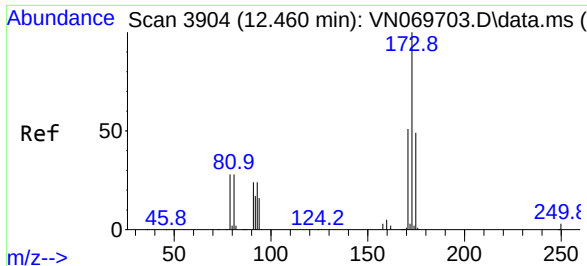
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#70
Styrene
Concen: 51.73 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

Tgt Ion:104 Resp: 1704308
Ion Ratio Lower Upper
104 100
78 54.3 38.7 58.1
103 55.3 45.0 67.6





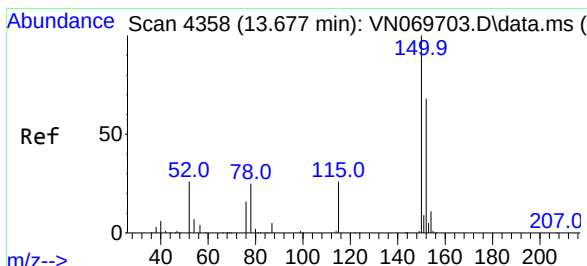
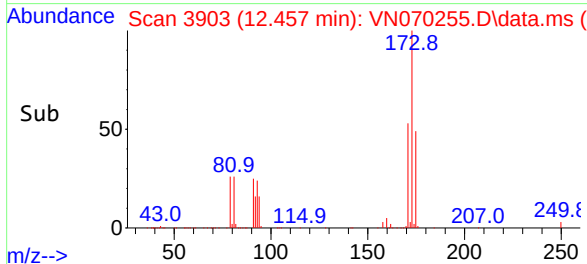
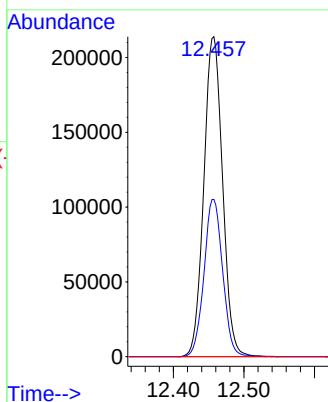
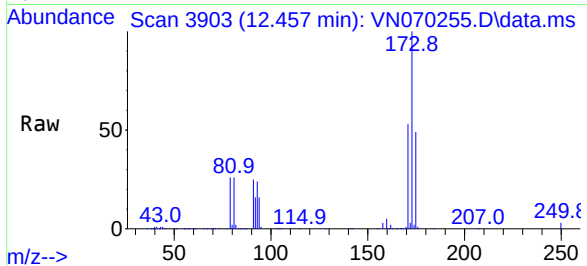
#71
Bromoform
Concen: 42.57 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 39562
Ion Ratio Lower Upper
173 100
175 48.8 24.2 72.6
254 0.0 0.0 0.0

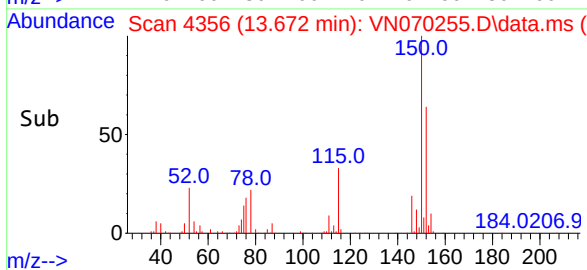
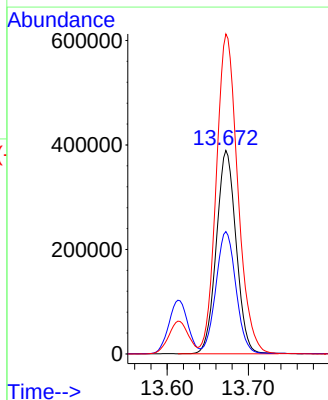
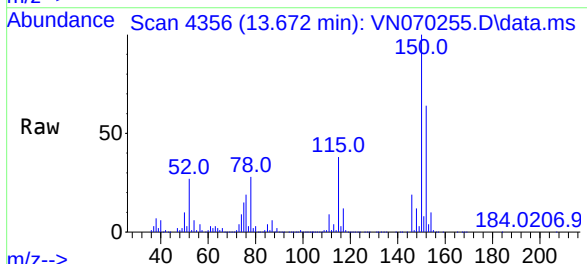
Manual Integrations
APPROVED

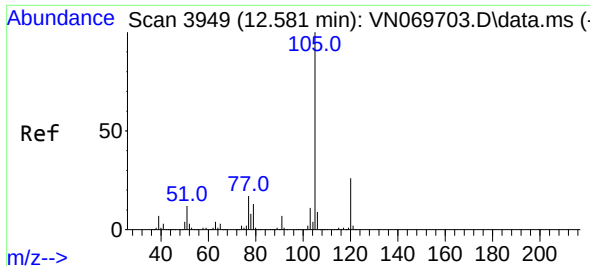
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. -0.005 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

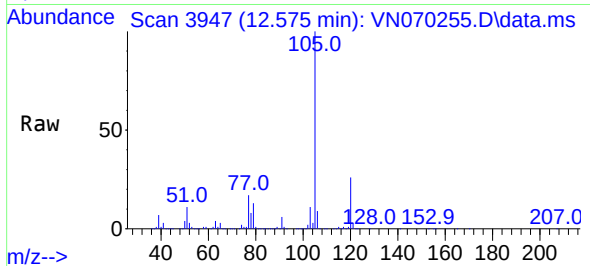
Tgt Ion:152 Resp: 657564
Ion Ratio Lower Upper
152 100
115 60.7 27.5 82.5
150 171.2 0.0 344.4





#73
Isopropylbenzene
Concen: 46.51 ug/l
RT: 12.575 min Scan# 3949
Delta R.T. -0.005 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

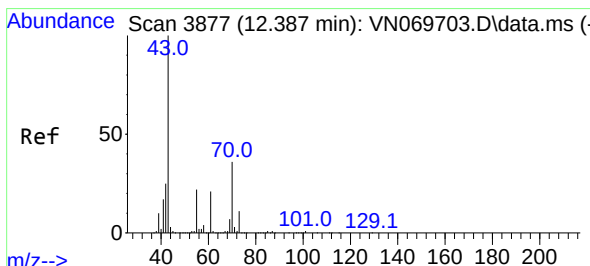
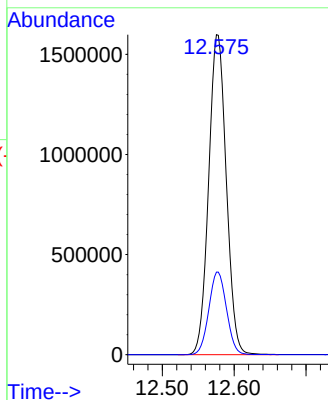
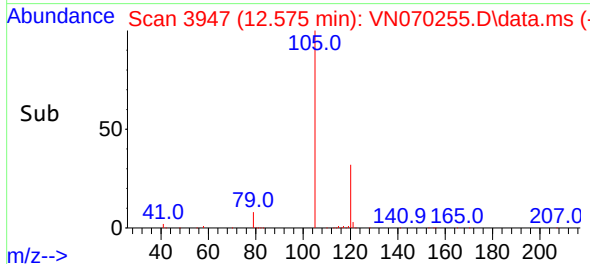
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



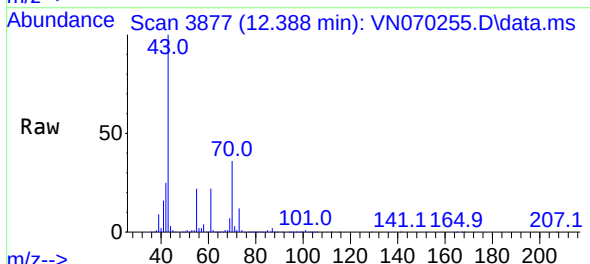
Tgt Ion:105 Resp: 2721064
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

Manual Integrations
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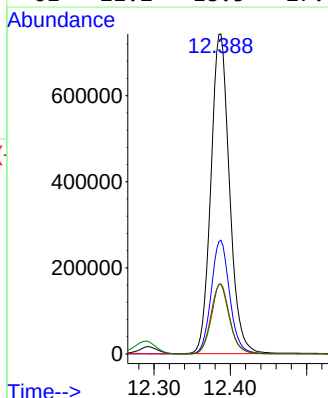
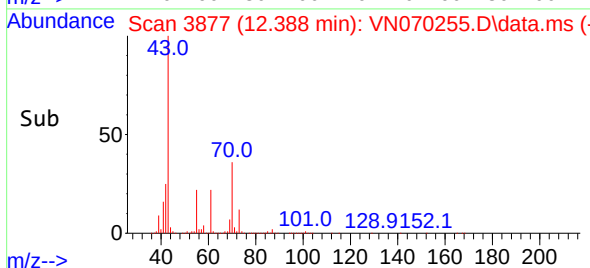
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

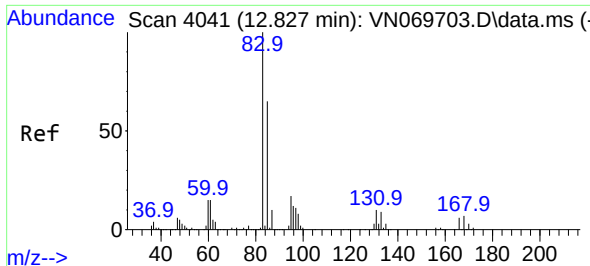


#74
N-ethyl acetate
Concen: 48.59 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24



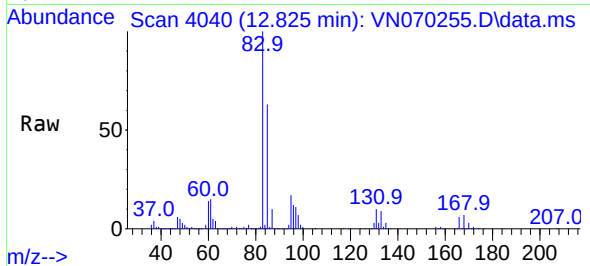
Tgt Ion: 43 Resp: 1257084
Ion Ratio Lower Upper
43 100
70 35.4 33.4 50.0
55 22.1 19.3 28.9
61 21.2 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 45.12 ug/l
RT: 12.825 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

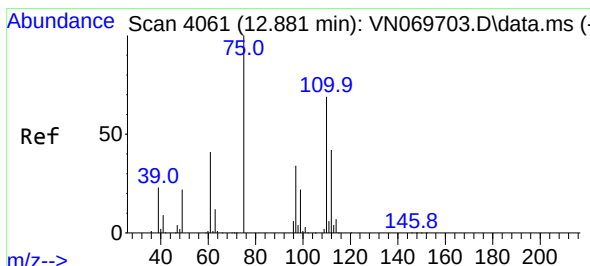
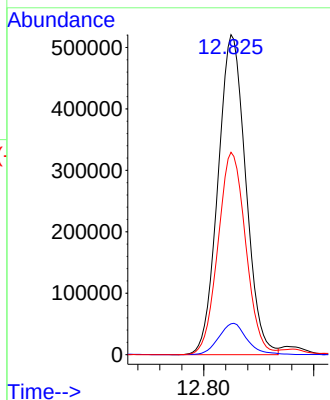
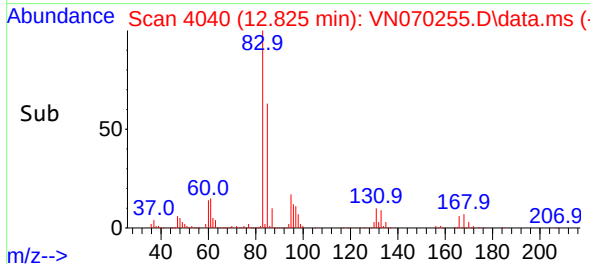
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 912730
Ion Ratio Lower Upper
83 100
131 10.1 5.5 16.5
85 63.2 32.4 97.2

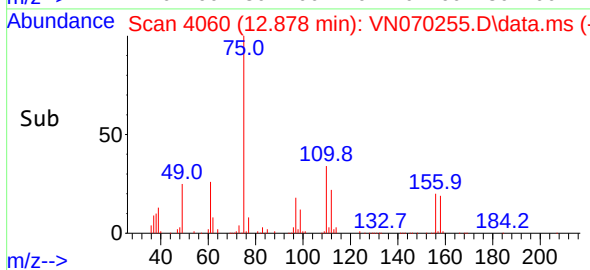
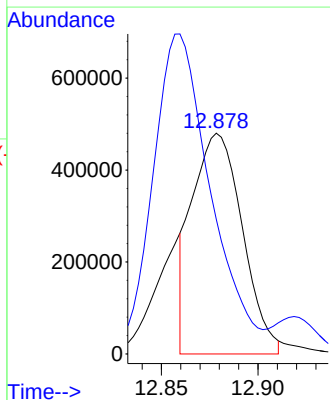
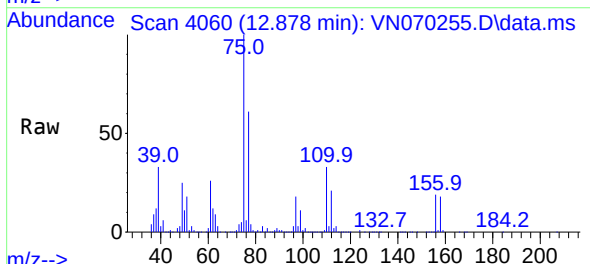
Manual Integrations
APPROVED

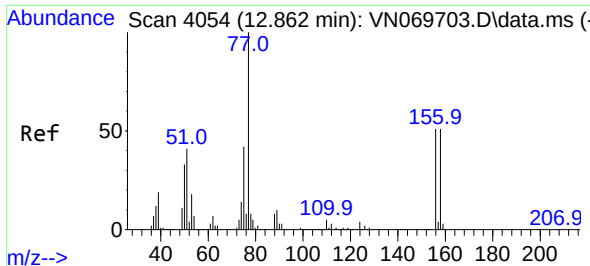
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#76
1,2,3-Trichloropropane
Concen: 45.91 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

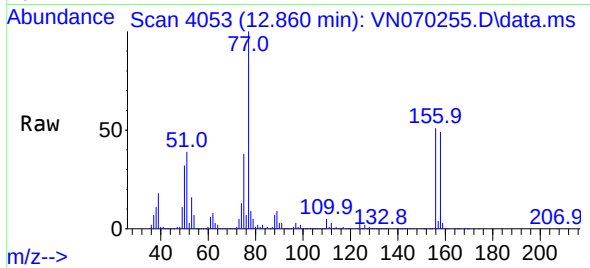
Tgt Ion: 75 Resp: 865655
Ion Ratio Lower Upper
75 100
77 167.0 82.6 247.8





#77
Bromobenzene
Concen: 45.86 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

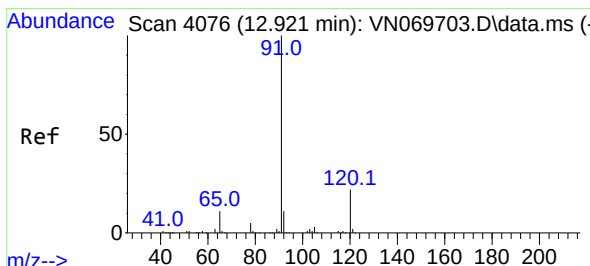
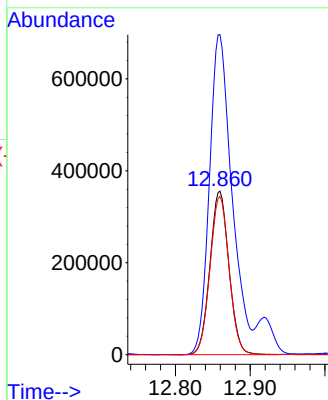
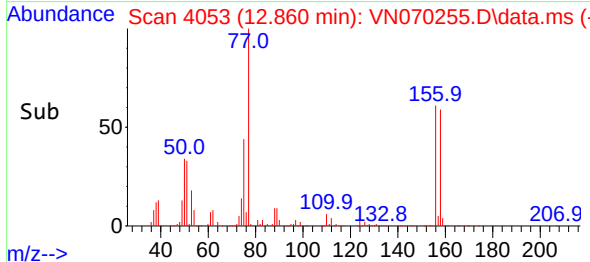
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



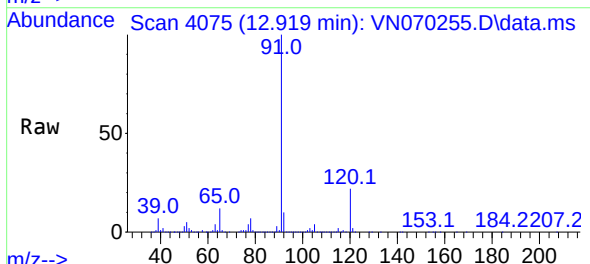
Tgt Ion:156 Resp: 63020
Ion Ratio Lower Upper
156 100
77 229.4 90.6 271.8
158 96.5 48.9 146.7

Manual Integrations
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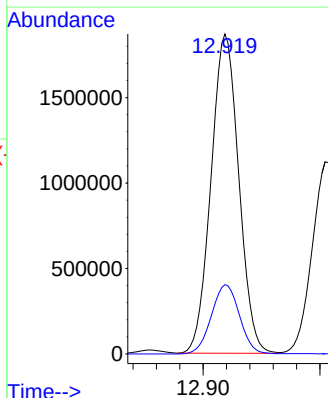
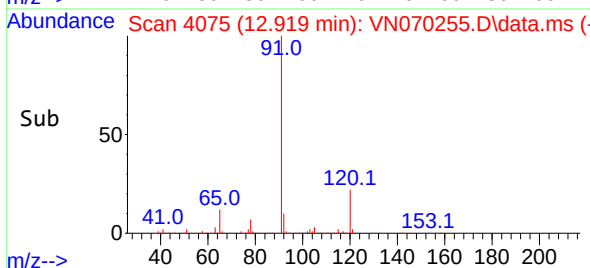
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

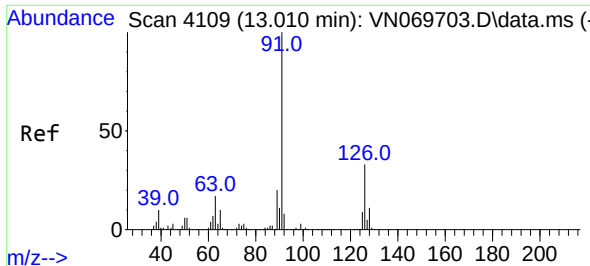


#78
n-propylbenzene
Concen: 47.28 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24



Tgt Ion: 91 Resp: 3078263
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9





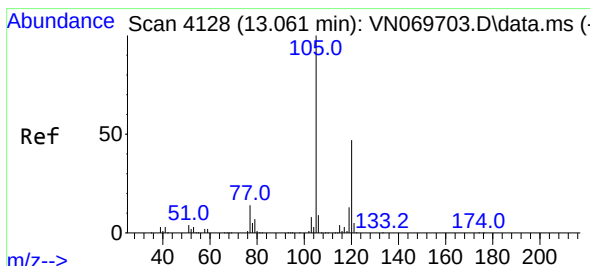
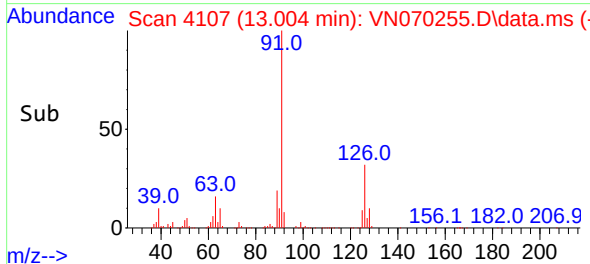
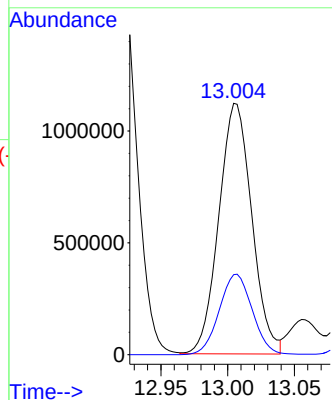
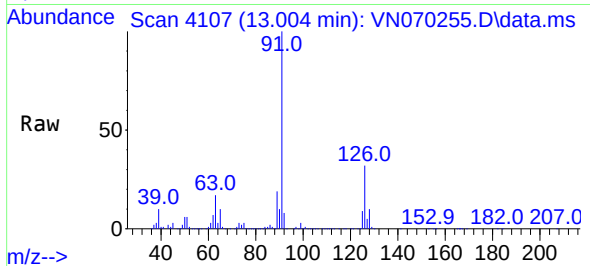
#79
2-Chlorotoluene
Concen: 46.90 ug/l
RT: 13.004 min Scan# 4109
Delta R.T. -0.005 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 192937
Ion Ratio Lower Upper
91 100
126 32.2 18.3 54.8

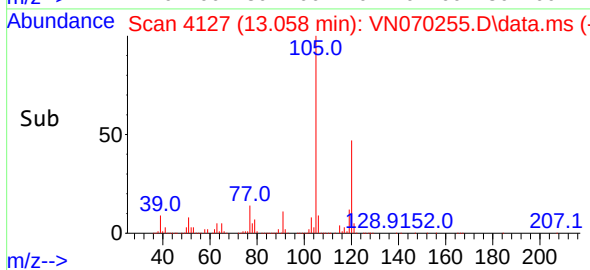
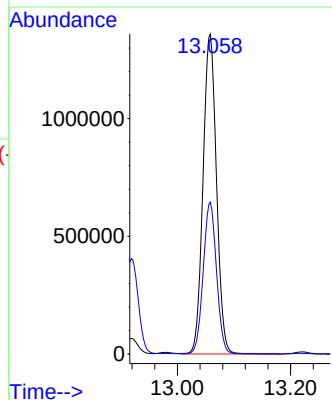
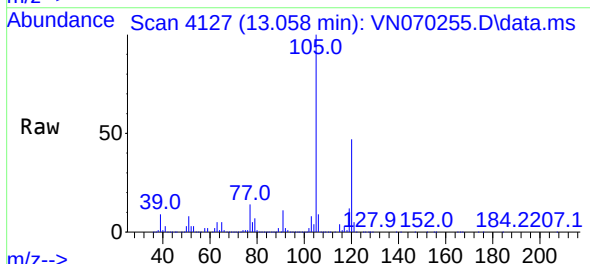
Manual Integrations
APPROVED

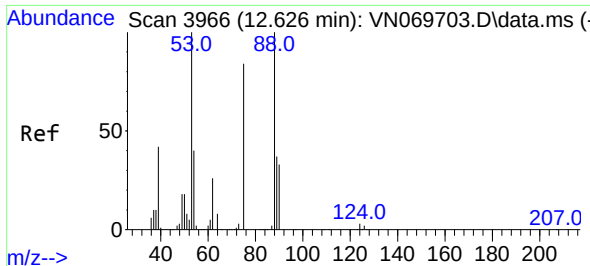
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#80
1,3,5-Trimethylbenzene
Concen: 47.52 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

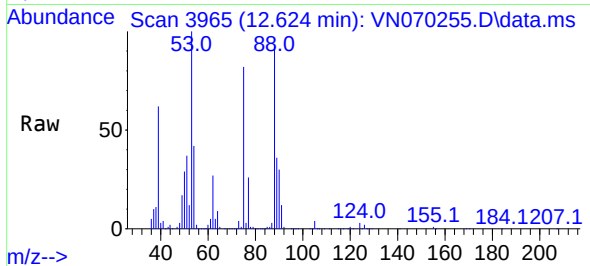
Tgt Ion:105 Resp: 2237766
Ion Ratio Lower Upper
105 100
120 46.8 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 42.21 ug/l
RT: 12.624 min Scan# 3966
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

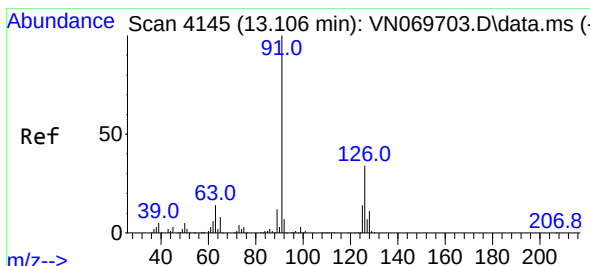
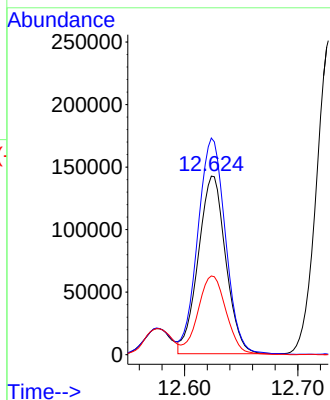
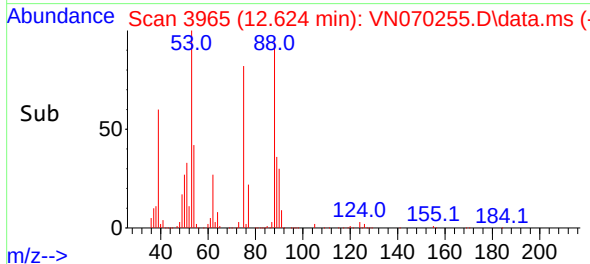
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 239230
Ion Ratio Lower Upper
75 100
53 123.2 90.5 135.7
89 45.7 38.2 57.4

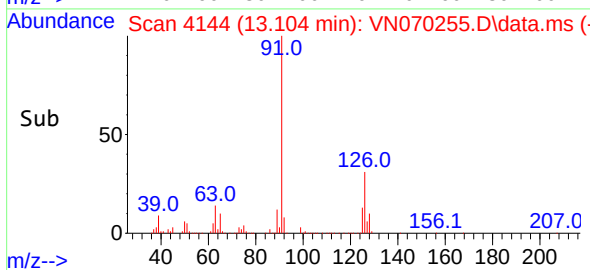
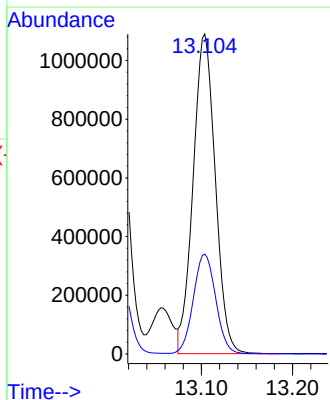
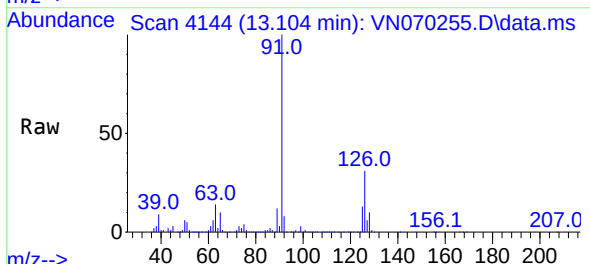
Manual Integrations
APPROVED

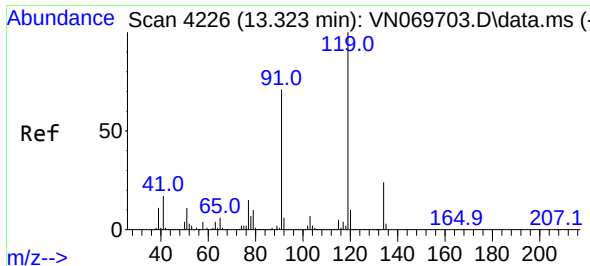
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#82
4-Chlorotoluene
Concen: 47.48 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

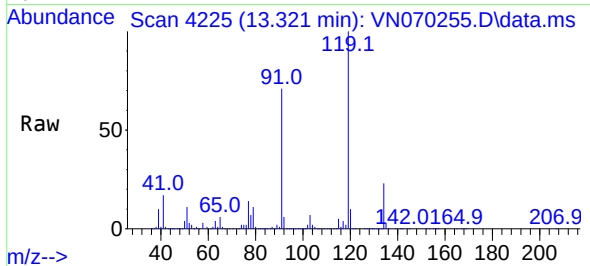
Tgt Ion: 91 Resp: 1836798
Ion Ratio Lower Upper
91 100
126 31.7 18.2 54.6





#83
tert-Butylbenzene
Concen: 47.66 ug/l
RT: 13.321 min Scan# 4225
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

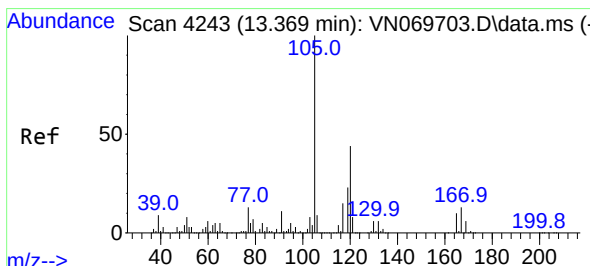
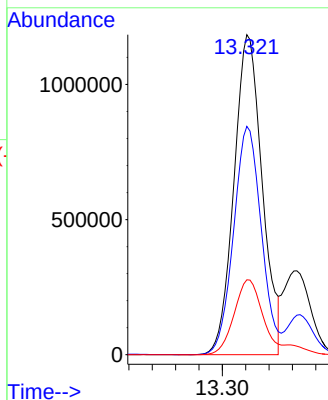
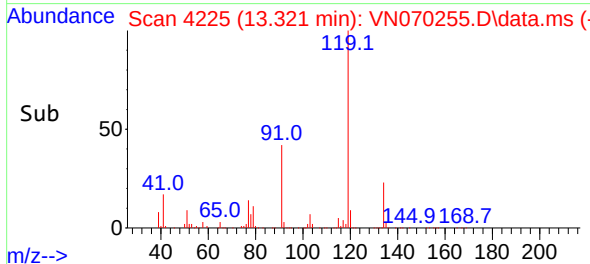
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



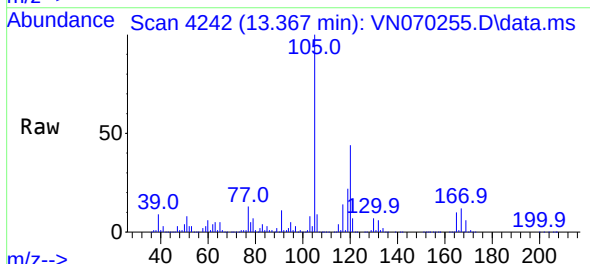
Tgt Ion:119 Resp: 1987280
Ion Ratio Lower Upper
119 100
91 70.4 31.5 94.5
134 26.1 12.4 37.4

Manual Integrations
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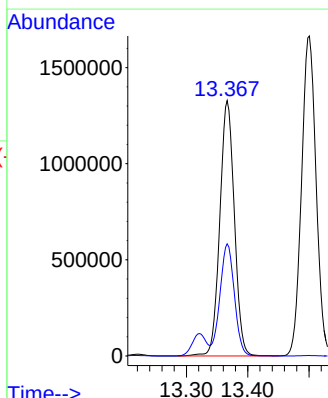
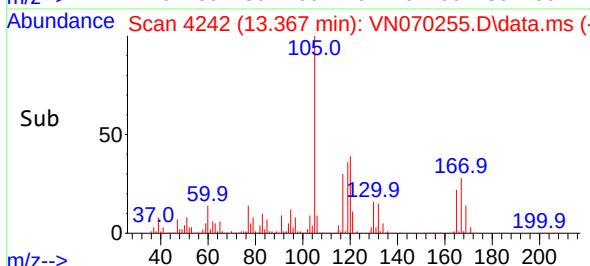
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

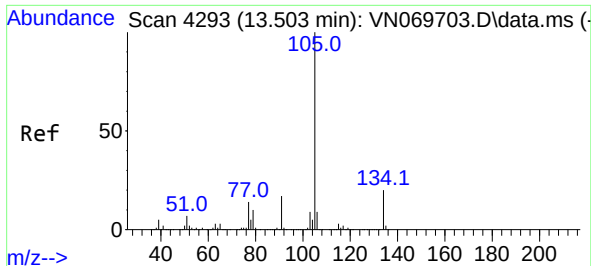


#84
1,2,4-Trimethylbenzene
Concen: 48.70 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24



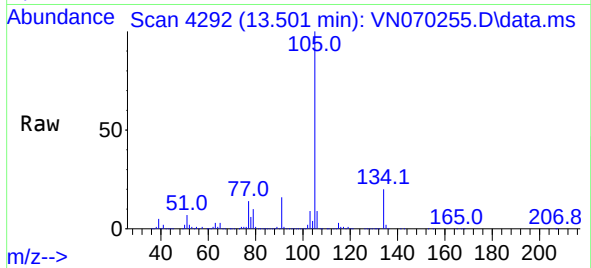
Tgt Ion:105 Resp: 2184120
Ion Ratio Lower Upper
105 100
120 43.8 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 48.40 ug/l
 RT: 13.501 min Scan# 41
 Delta R.T. -0.002 min
 Lab File: VN070255.D
 Acq: 20 Dec 2021 21:24

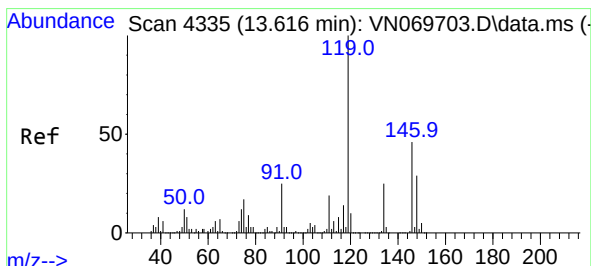
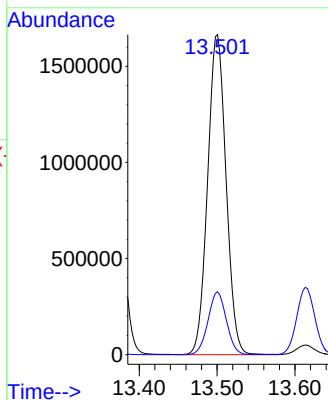
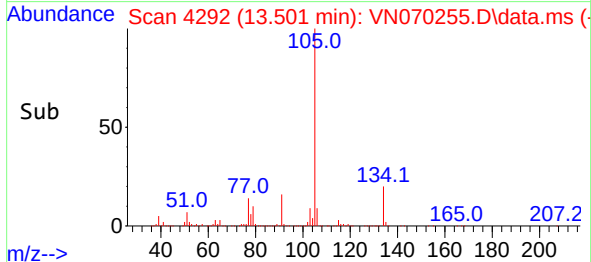
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



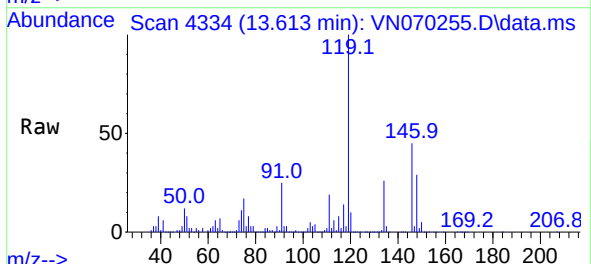
Tgt Ion:105 Resp: 273724
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

Manual Integrations
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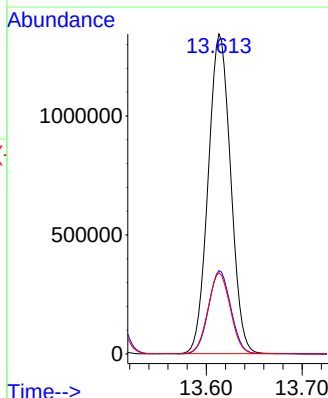
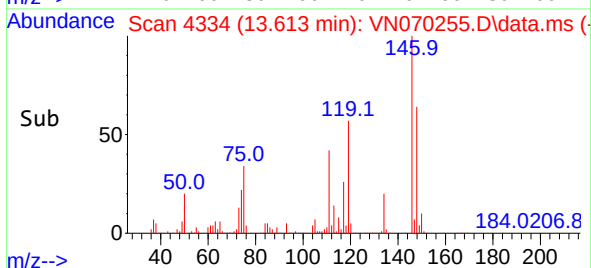
Reviewed By :John Carlone 12/21/2021
 Supervised By :Mahesh Dadoda 12/23/2021

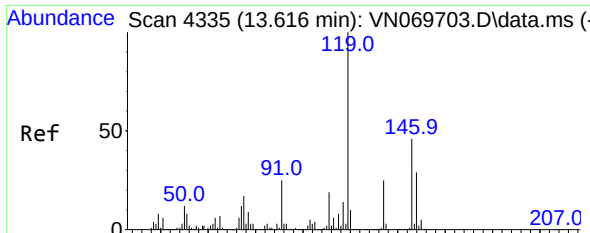


#86
 p-Isopropyltoluene
 Concen: 49.39 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. -0.002 min
 Lab File: VN070255.D
 Acq: 20 Dec 2021 21:24



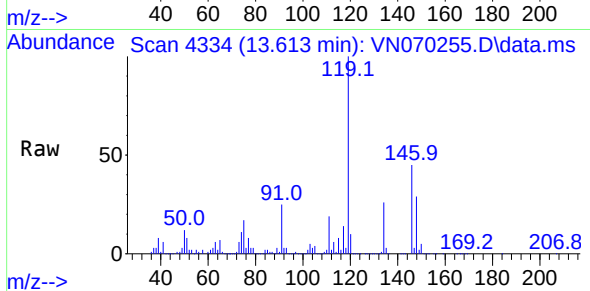
Tgt Ion:119 Resp: 2183560
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.6 40.7
 91 25.1 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 46.34 ug/l
RT: 13.613 min Scan# 4335
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

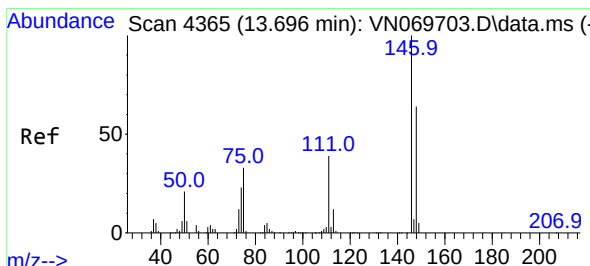
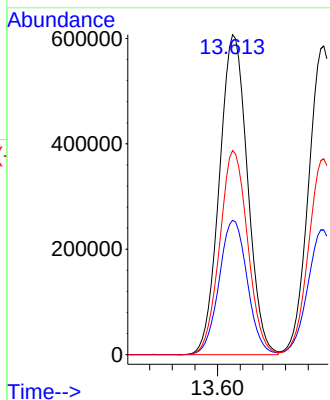
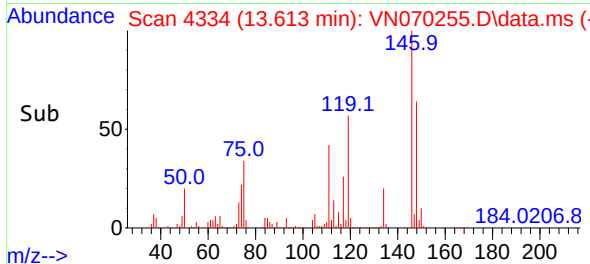
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



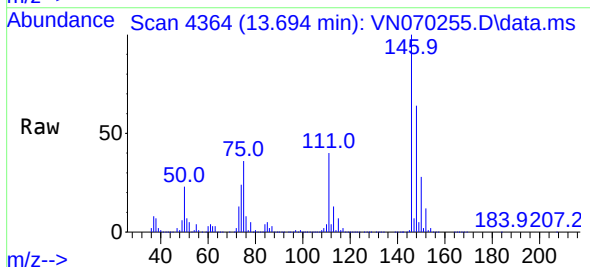
Tgt Ion:146 Resp: 1046238
Ion Ratio Lower Upper
146 100
111 42.1 18.6 55.6
148 63.6 31.6 95.0

Manual Integrations
APPROVED

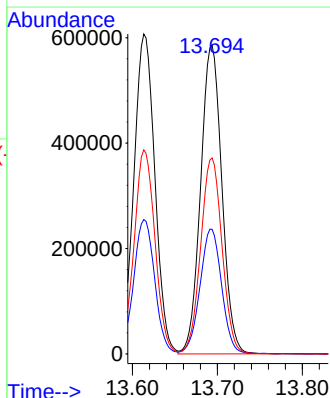
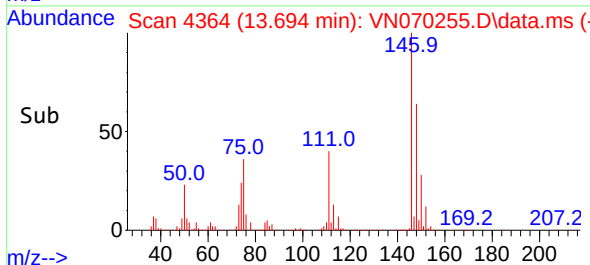
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

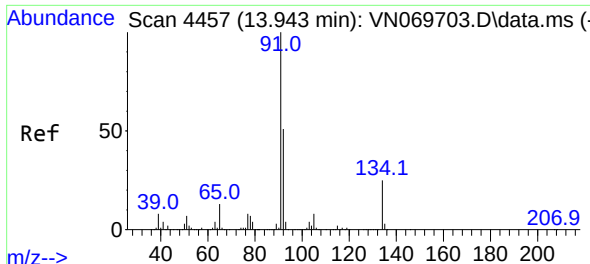


#88
1,4-Dichlorobenzene
Concen: 45.88 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24



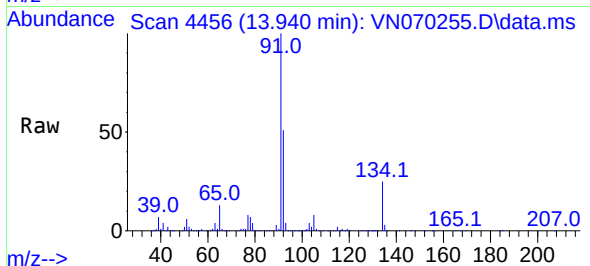
Tgt Ion:146 Resp: 1017950
Ion Ratio Lower Upper
146 100
111 40.9 18.3 54.8
148 64.0 31.8 95.4





#89
n-Butylbenzene
Concen: 49.79 ug/l
RT: 13.940 min Scan# 4457
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

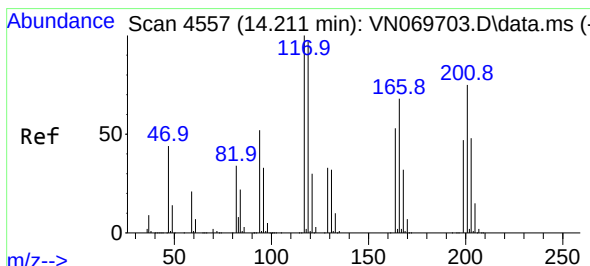
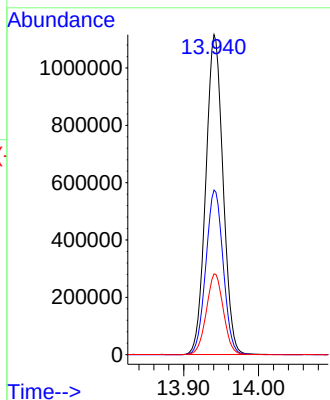
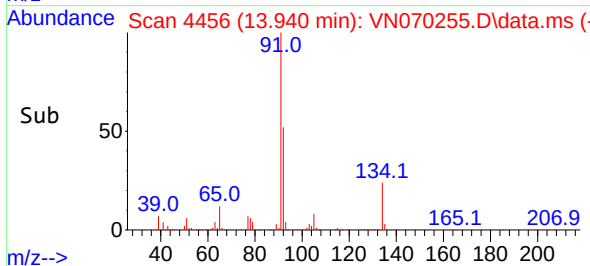
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1785640
Ion Ratio Lower Upper
91 100
92 51.8 25.4 76.0
134 25.1 13.6 40.8

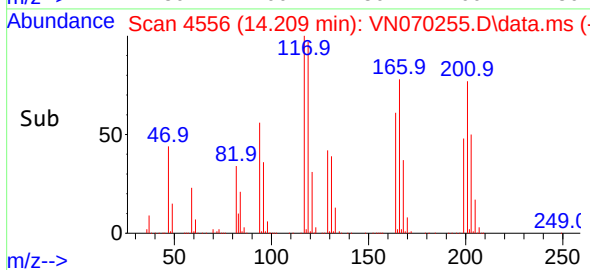
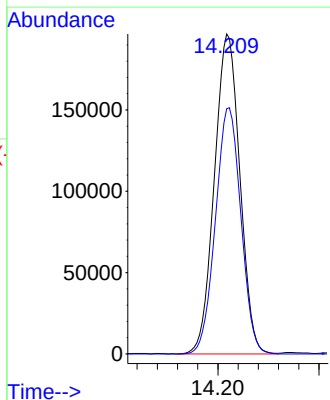
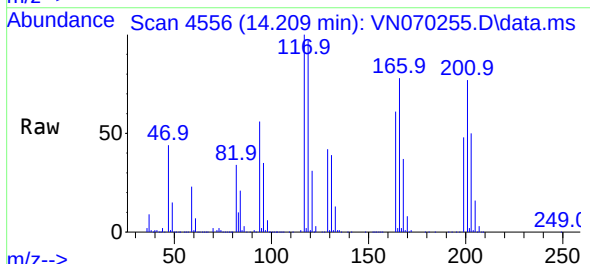
Manual Integrations
APPROVED

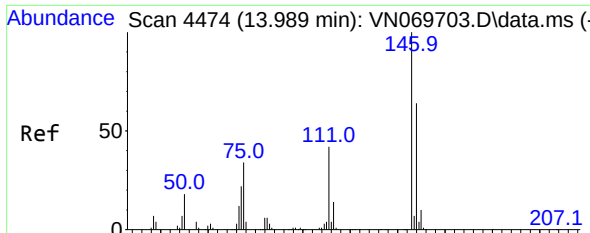
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#90
Hexachloroethane
Concen: 44.33 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

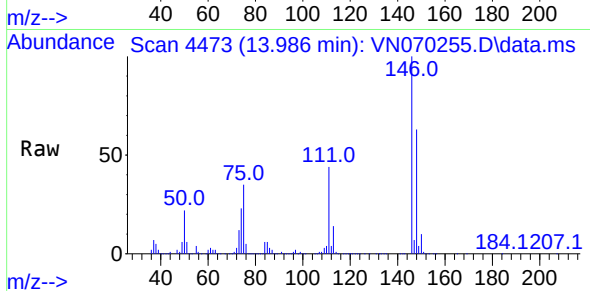
Tgt Ion:117 Resp: 344077
Ion Ratio Lower Upper
117 100
201 76.8 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 46.63 ug/l
RT: 13.986 min Scan# 4474
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

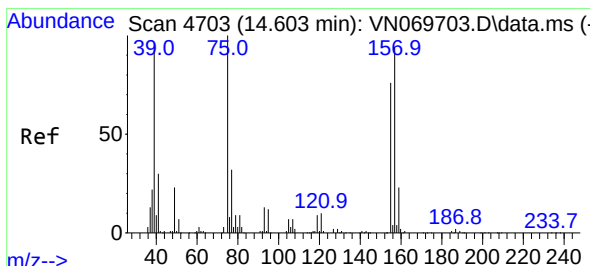
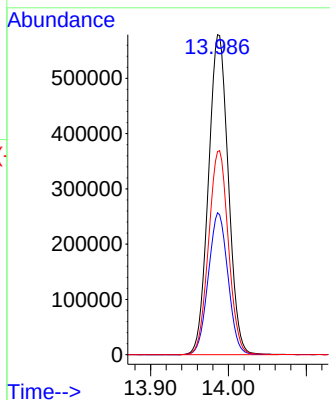
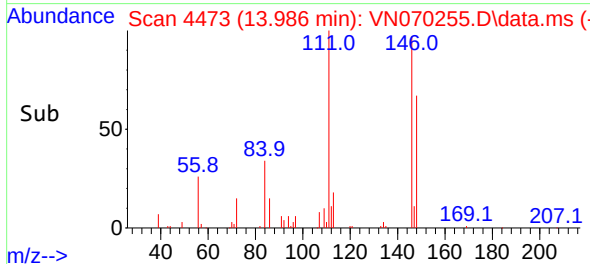
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



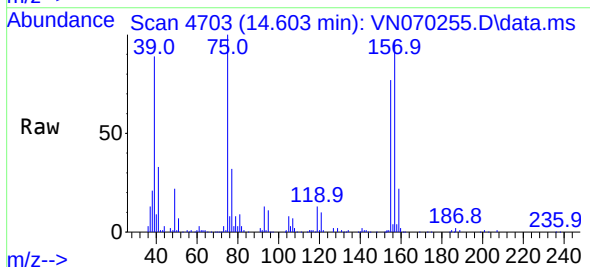
Tgt Ion:146 Resp: 102567
Ion Ratio Lower Upper
146 100
111 43.9 19.1 57.3
148 63.6 32.1 96.3

Manual Integrations
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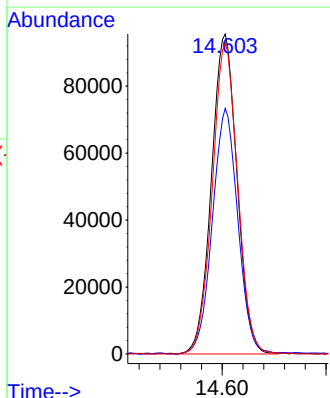
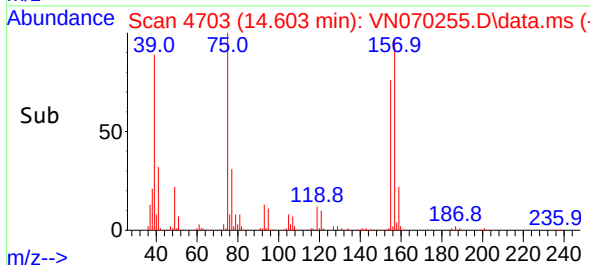
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

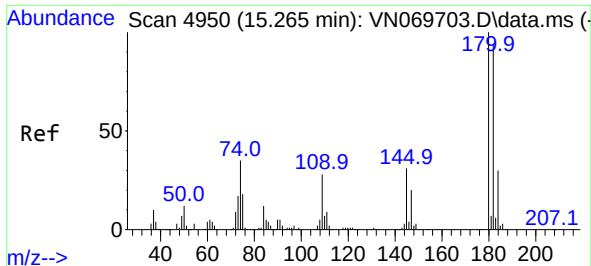


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.84 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24



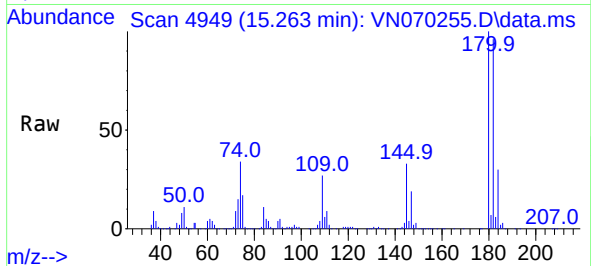
Tgt Ion: 75 Resp: 163909
Ion Ratio Lower Upper
75 100
155 76.2 46.9 140.7
157 96.2 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 48.50 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

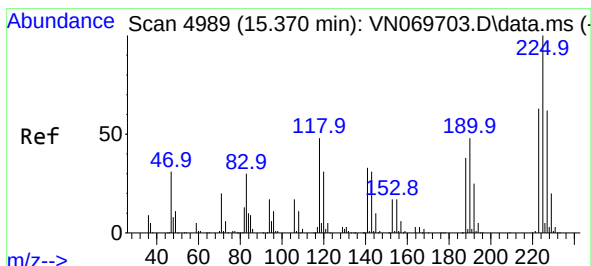
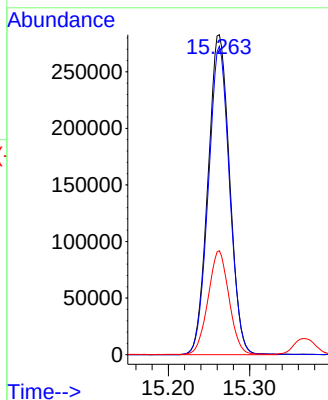
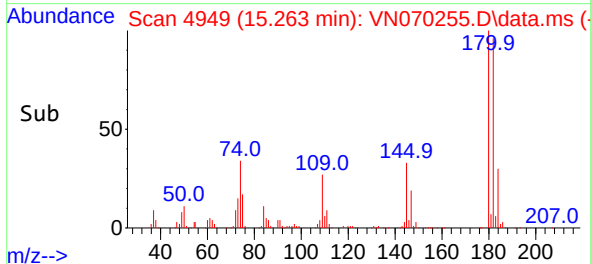
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



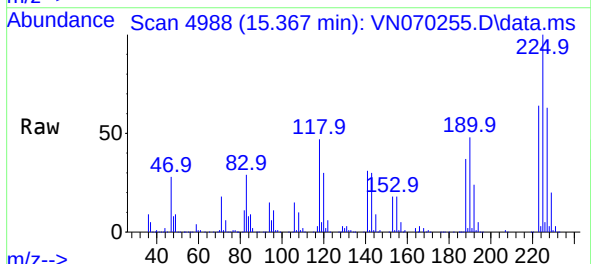
Tgt Ion:180 Resp: 52225
Ion Ratio Lower Upper
180 100
182 94.7 48.3 144.9
145 31.3 14.5 43.5

Manual Integrations
APPROVED

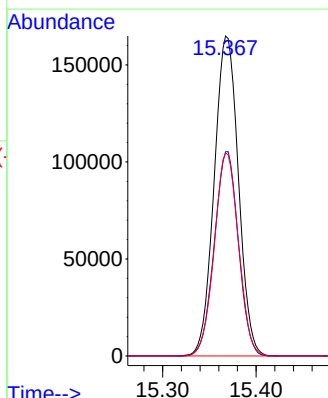
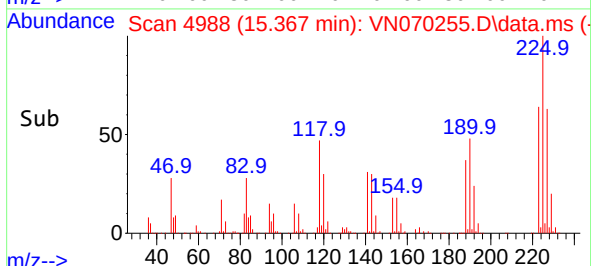
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

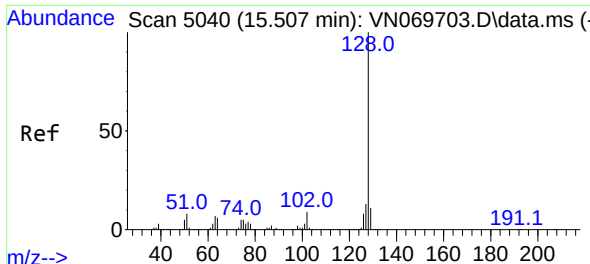


#94
Hexachlorobutadiene
Concen: 50.97 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24



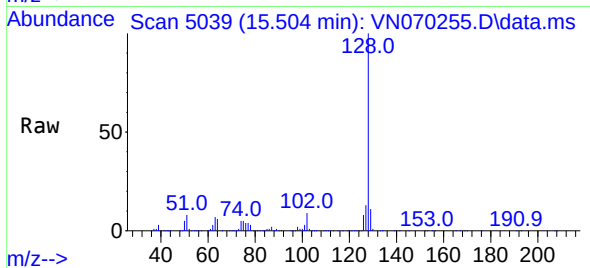
Tgt Ion:225 Resp: 297140
Ion Ratio Lower Upper
225 100
223 63.5 31.9 95.7
227 63.2 32.1 96.3





#95
Naphthalene
Concen: 48.33 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24

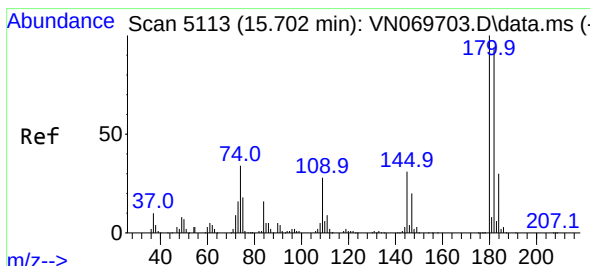
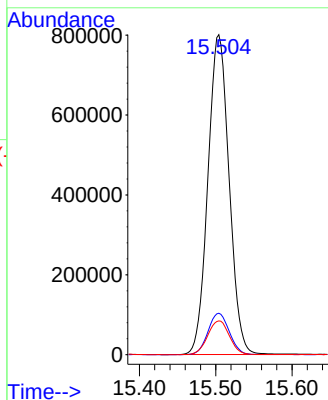
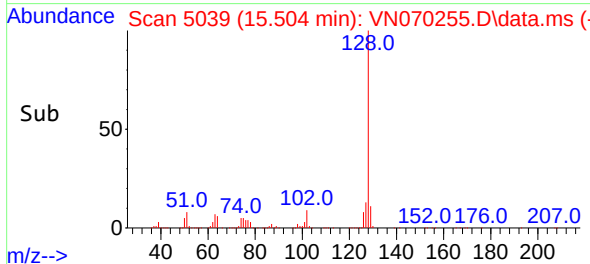
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



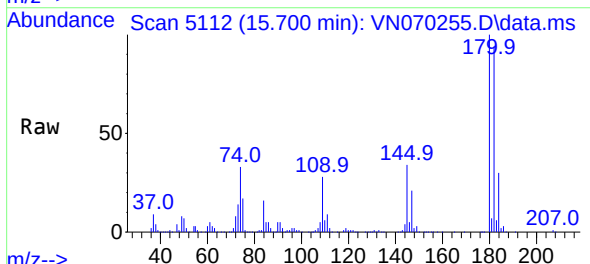
Tgt Ion:128 Resp: 1548472
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#96
1,2,3-Trichlorobenzene
Concen: 48.53 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN070255.D
Acq: 20 Dec 2021 21:24



Tgt Ion:180 Resp: 509434
Ion Ratio Lower Upper
180 100
182 94.3 47.4 142.2
145 32.8 15.0 45.1

