

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122821\
 Data File : VN070338.D
 Acq On : 28 Dec 2021 20:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Dec 28 21:15:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	868704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1473395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1335005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	520701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	729097	58.373	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 116.740%			
35) Dibromofluoromethane	8.024	113	512787	57.521	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 115.040%			
50) Toluene-d8	10.443	98	1830484	50.263	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.520%			
62) 4-Bromofluorobenzene	12.731	95	632371	48.077	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	173073	17.568	ug/l	98
3) Chloromethane	2.306	50	274896	20.513	ug/l	100
4) Vinyl Chloride	2.448	62	226016	18.524	ug/l	99
5) Bromomethane	2.856	94	138801	22.041	ug/l	99
6) Chloroethane	3.022	64	142950	19.455	ug/l	97
7) Trichlorofluoromethane	3.376	101	249549	16.993	ug/l	96
8) Diethyl Ether	3.824	74	142779	22.054	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.207	101	161336	17.962	ug/l	95
10) Methyl Iodide	4.419	142	258953	21.303	ug/l #	94
11) Tert butyl alcohol	5.382	59	274185	131.839	ug/l	95
12) 1,1-Dichloroethene	4.181	96	162511	18.368	ug/l	90
13) Acrolein	4.041	56	194128	115.043	ug/l	96
14) Allyl chloride	4.840	41	411850	20.532	ug/l #	86
15) Acrylonitrile	5.559	53	798321	123.012	ug/l	99
16) Acetone	4.291	43	763834	94.206	ug/l	97
17) Carbon Disulfide	4.529	76	472942	19.583	ug/l	100
18) Methyl Acetate	4.857	43	562706	23.992	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	735025	22.371	ug/l	94
20) Methylene Chloride	5.095	84	242164	21.587	ug/l	88
21) trans-1,2-Dichloroethene	5.597	96	183788	19.620	ug/l #	84
22) Diisopropyl ether	6.498	45	867582	22.206	ug/l #	92
23) Vinyl Acetate	6.436	43	3564394	117.585	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	418262	20.646	ug/l	98
25) 2-Butanone	7.340	43	1150194	112.663	ug/l	91
26) 2,2-Dichloropropane	7.327	77	275432	17.234	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	234575	20.986	ug/l	88
28) Bromochloromethane	7.657	49	204508	20.642	ug/l #	76
29) Tetrahydrofuran	7.686	42	760854	124.912	ug/l	87
30) Chloroform	7.820	83	411435	21.052	ug/l	99
31) Cyclohexane	8.096	56	354131	17.967	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	314475	19.084	ug/l	96
36) 1,1-Dichloropropene	8.222	75	258593	17.535	ug/l	96
37) Ethyl Acetate	7.415	43	454237	23.762	ug/l	96
38) Carbon Tetrachloride	8.206	117	262415	18.635	ug/l	98
39) Methylcyclohexane	9.459	83	296042	16.581	ug/l #	87
40) Benzene	8.461	78	889642	19.677	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	237921	24.884	ug/l #	86
42) 1,2-Dichloroethane	8.531	62	356412	20.973	ug/l	98
43) Isopropyl Acetate	8.563	43	688327	22.839	ug/l #	93
44) Trichloroethene	9.217	130	192881	17.954	ug/l	91
45) 1,2-Dichloropropane	9.491	63	255953	21.026	ug/l	100
46) Dibromomethane	9.577	93	164905	21.785	ug/l	94
47) Bromodichloromethane	9.762	83	333695	22.202	ug/l	99
48) Methyl methacrylate	9.561	41	315914	21.976	ug/l	85
49) 1,4-Dioxane	9.571	88	107474	510.726	ug/l #	85
51) 4-Methyl-2-Pentanone	10.330	43	2269773	119.855	ug/l	96
52) Toluene	10.505	92	514951	18.817	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	336650	20.690	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	366969	20.849	ug/l	94
55) 1,1,2-Trichloroethane	10.899	97	234542	21.661	ug/l	97
56) Ethyl methacrylate	10.762	69	382286	21.367	ug/l #	89
57) 1,3-Dichloropropane	11.047	76	407733	21.290	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	435679	106.788	ug/l	90
59) 2-Hexanone	11.087	43	1641040	118.827	ug/l	93
60) Dibromochloromethane	11.240	129	245902	23.276	ug/l	99
61) 1,2-Dibromoethane	11.347	107	236484	21.510	ug/l	99
64) Tetrachloroethene	10.977	164	167091	17.284	ug/l	95
65) Chlorobenzene	11.771	112	531987	18.781	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	208887	20.657	ug/l	99
67) Ethyl Benzene	11.843	91	946920	18.245	ug/l	96
68) m/p-Xylenes	11.953	106	694758	36.776	ug/l	93
69) o-Xylene	12.280	106	346845	18.458	ug/l	93
70) Styrene	12.294	104	567425	19.079	ug/l	96
71) Bromoform	12.457	173	185365	24.699	ug/l #	98
73) Isopropylbenzene	12.578	105	872698	18.048	ug/l	98
74) N-amyl acetate	12.387	43	444420	21.859	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	373956	22.495	ug/l	97
76) 1,2,3-Trichloropropane	12.881	75	352187m	24.331	ug/l	
77) Bromobenzene	12.860	156	213948	19.272	ug/l	73
78) n-propylbenzene	12.921	91	972434	18.151	ug/l	97
79) 2-Chlorotoluene	13.007	91	620679	18.056	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	710922	18.347	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	102631	24.081	ug/l	97
82) 4-Chlorotoluene	13.106	91	587615	18.249	ug/l	92
83) tert-Butylbenzene	13.323	119	594486	17.423	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	704364	18.877	ug/l	97
85) sec-Butylbenzene	13.503	105	830882	17.936	ug/l	97
86) p-Isopropyltoluene	13.616	119	658966	18.109	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	344937	18.561	ug/l	98
88) 1,4-Dichlorobenzene	13.694	146	332600	18.143	ug/l	97
89) n-Butylbenzene	13.943	91	513785	16.928	ug/l	97
90) Hexachloroethane	14.211	117	138700	21.941	ug/l	92
91) 1,2-Dichlorobenzene	13.989	146	342367	18.792	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	69935	24.966	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	156810	18.267	ug/l	97
94) Hexachlorobutadiene	15.370	225	98674	19.778	ug/l	99
95) Naphthalene	15.507	128	441868	19.752	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	157556	19.697	ug/l	98

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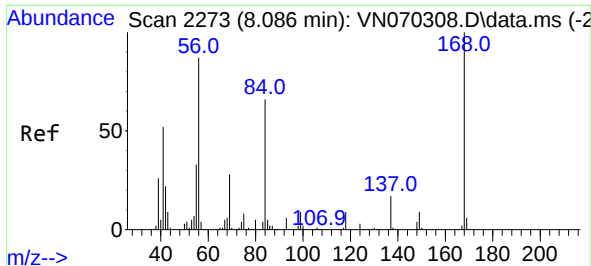
Manual Integrations
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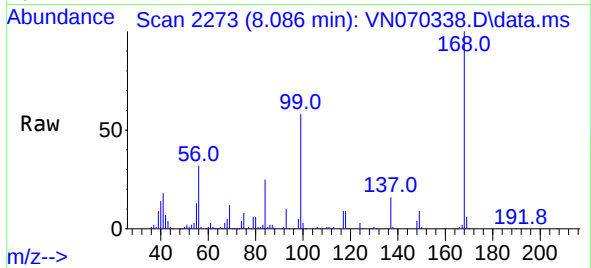
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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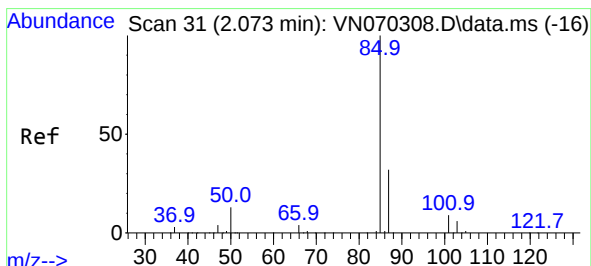
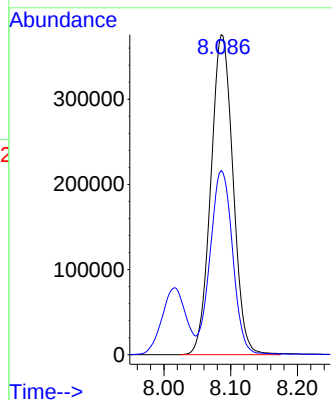
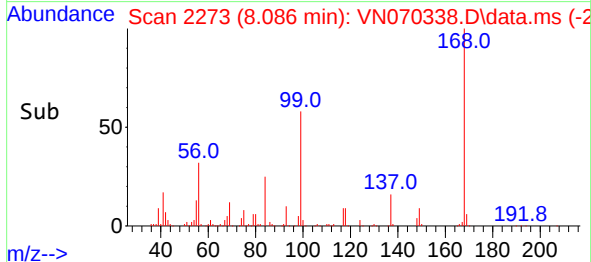
Instrument :
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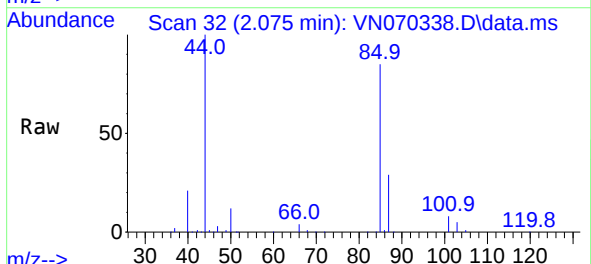
Tgt Ion:168 Resp: 868704
Ion Ratio Lower Upper
168 100
99 57.3 41.3 61.9

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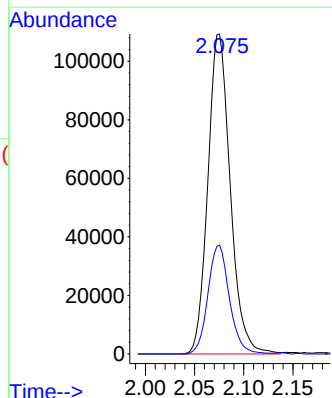
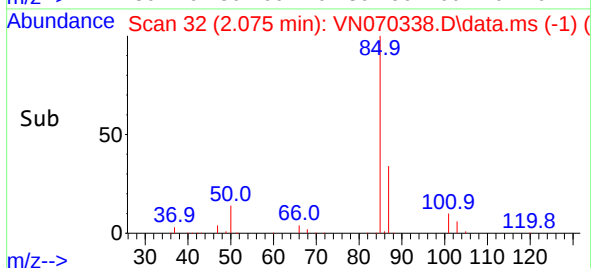
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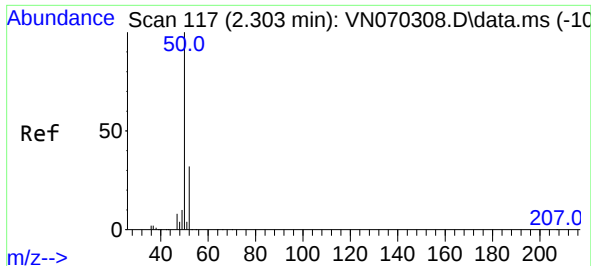


#2
Dichlorodifluoromethane
Concen: 17.568 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.002 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53



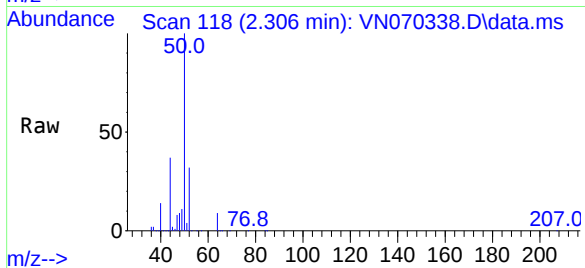
Tgt Ion: 85 Resp: 173073
Ion Ratio Lower Upper
85 100
87 34.0 16.3 48.9





#3
Chloromethane
Concen: 20.513 ug/l
RT: 2.306 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

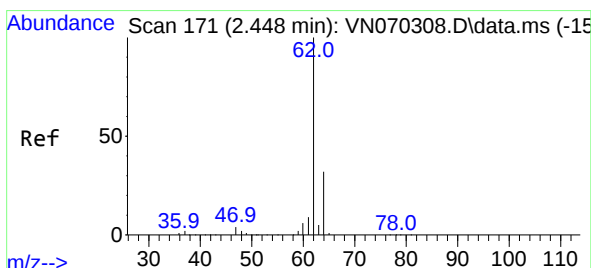
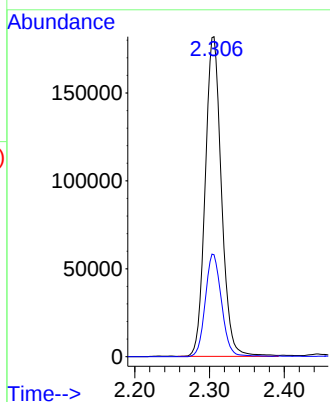
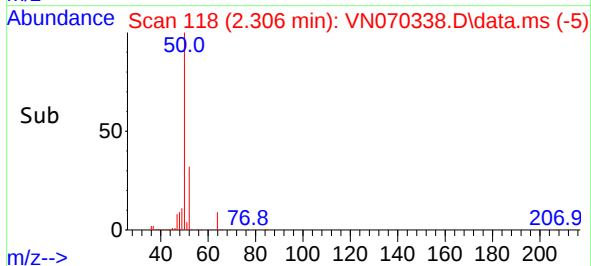
Instrument :
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Tgt Ion: 50 Resp: 274890
Ion Ratio Lower Upper
50 100
52 31.9 25.4 38.0

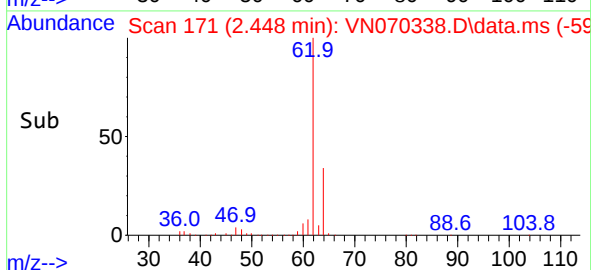
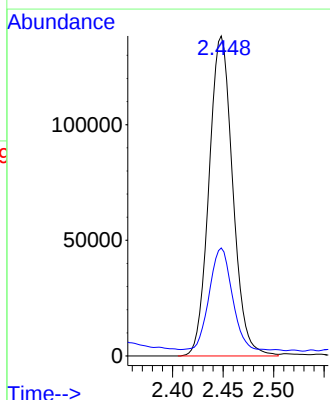
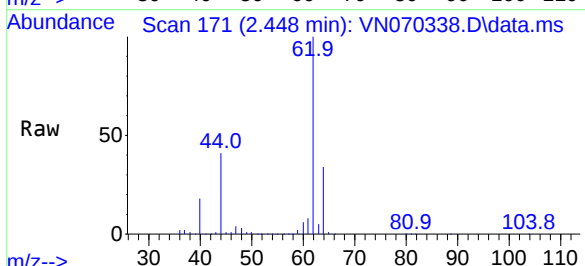
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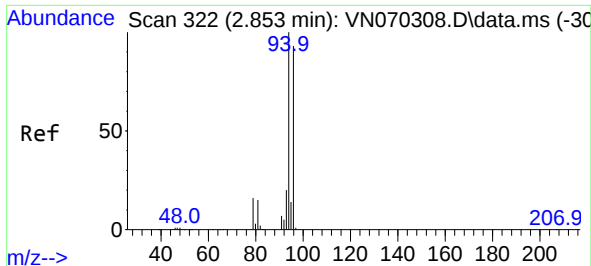
Reviewed By :John Carlone 12/29/2021
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#4
Vinyl Chloride
Concen: 18.524 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

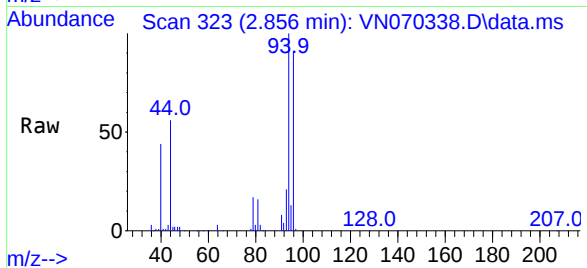
Tgt Ion: 62 Resp: 226016
Ion Ratio Lower Upper
62 100
64 31.8 25.8 38.6





#5
Bromomethane
Concen: 22.041 ug/l
RT: 2.856 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

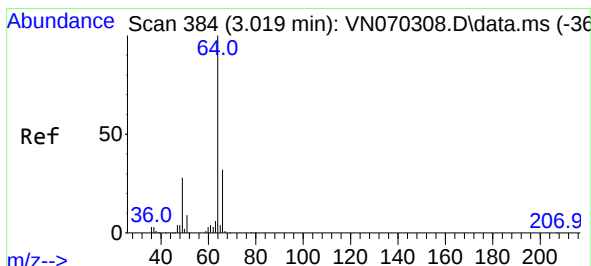
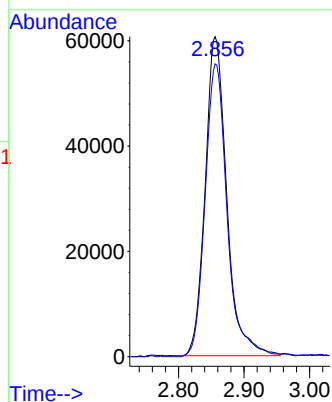
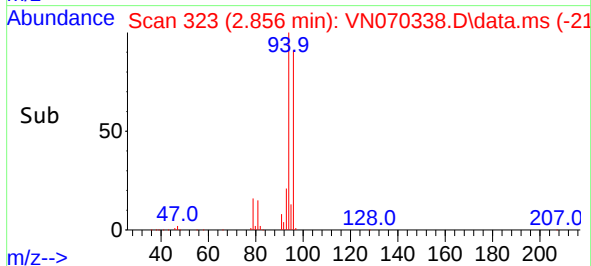
Instrument :
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Tgt Ion: 94 Resp: 13880
Ion Ratio Lower Upper
94 100
96 91.7 73.8 110.8

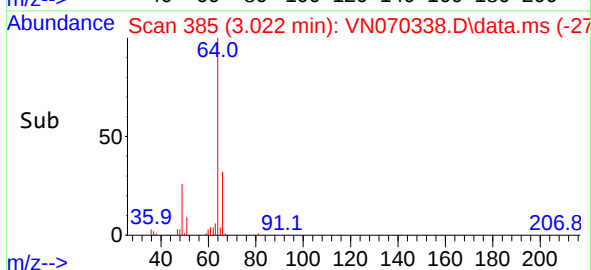
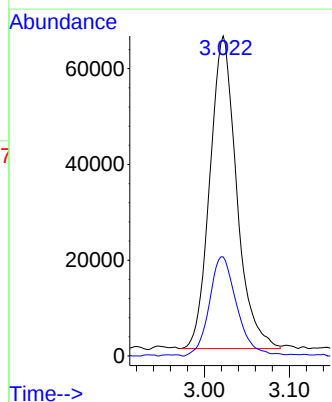
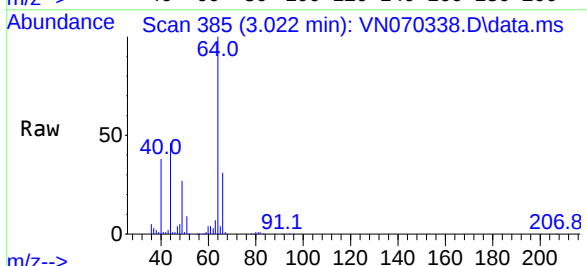
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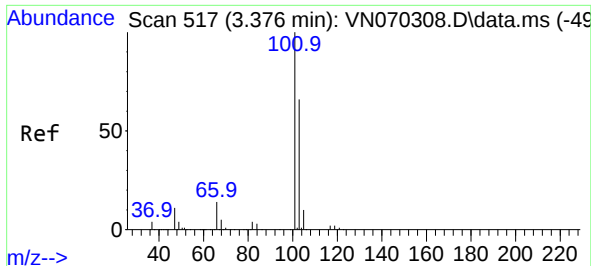
Reviewed By :John Carlone 12/29/2021
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#6
Chloroethane
Concen: 19.455 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.003 min
Lab File: VN070338.D
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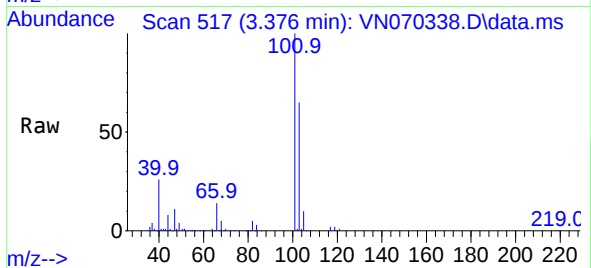
Tgt Ion: 64 Resp: 142950
Ion Ratio Lower Upper
64 100
66 31.4 26.3 39.5





#7
Trichlorofluoromethane
Concen: 16.993 ug/l
RT: 3.376 min Scan# 517
Delta R.T. 0.000 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

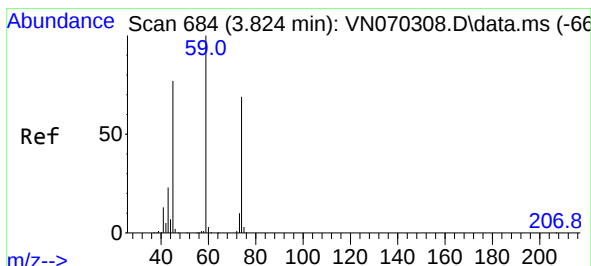
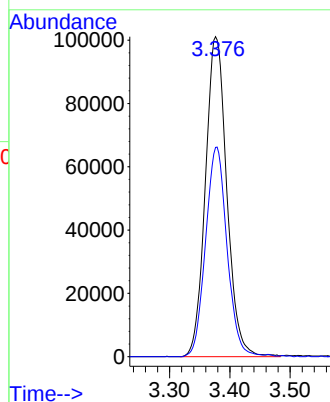
Instrument :
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Tgt Ion:101 Resp: 249549
Ion Ratio Lower Upper
101 100
103 65.4 50.1 75.1

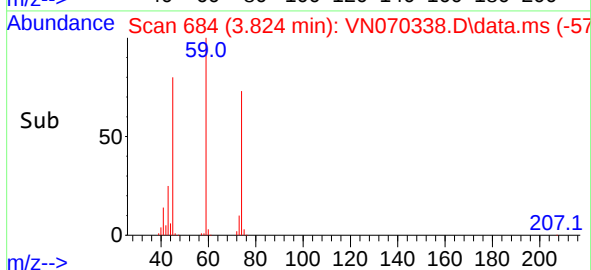
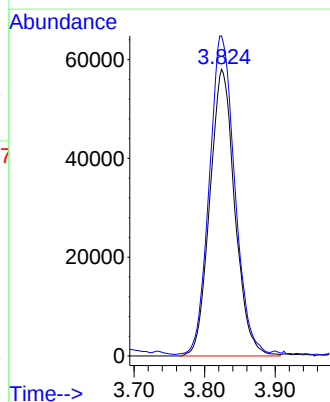
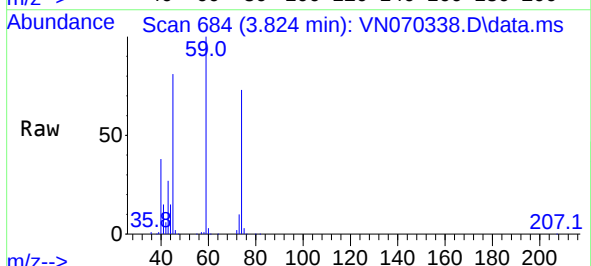
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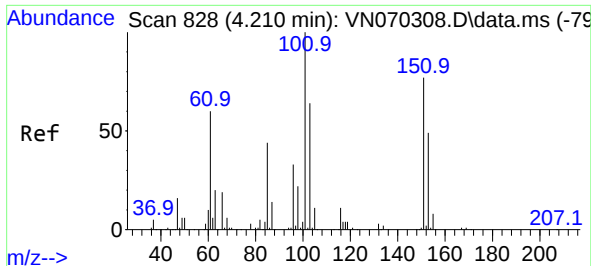
Reviewed By :John Carlone 12/29/2021
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#8
Diethyl Ether
Concen: 22.054 ug/l
RT: 3.824 min Scan# 684
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 142779
Ion Ratio Lower Upper
74 100
45 113.1 47.0 141.2





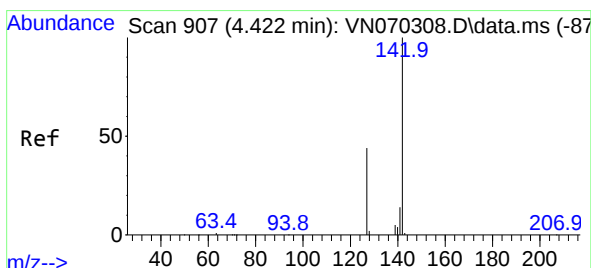
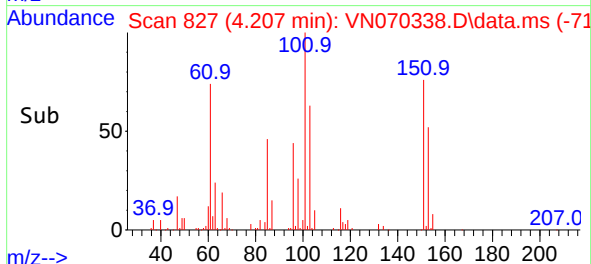
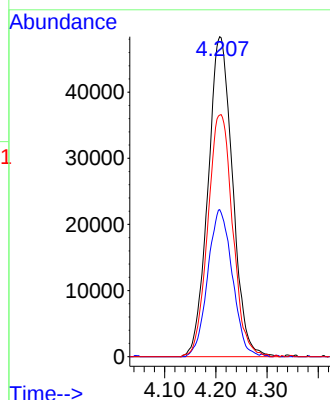
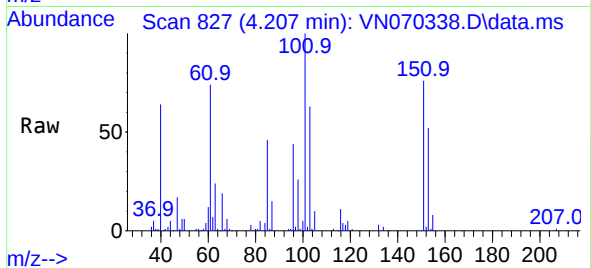
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.962 ug/l
RT: 4.207 min Scan# 81
Delta R.T. -0.003 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 161330
Ion Ratio Lower Upper
101 100
85 45.9 37.2 55.8
151 76.3 65.9 98.9

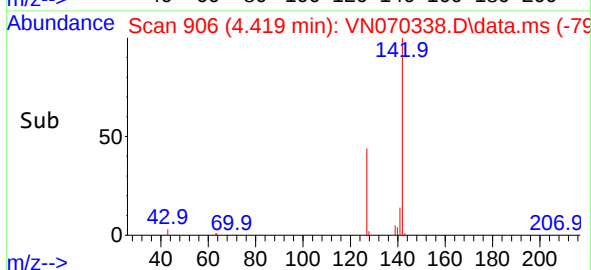
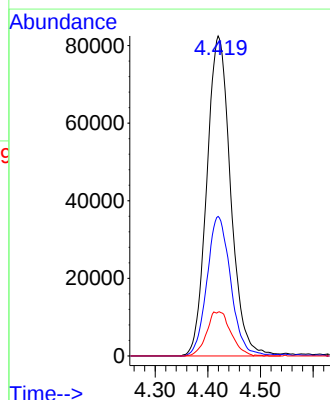
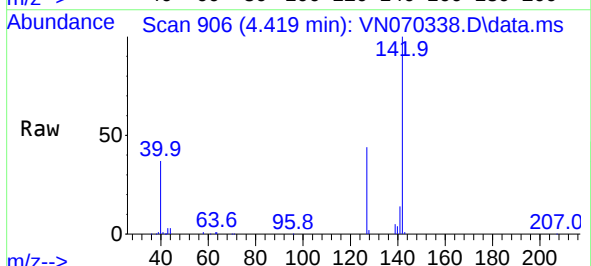
Manual Integrations
APPROVED

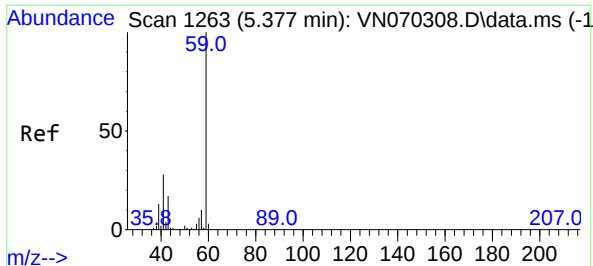
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#10
Methyl Iodide
Concen: 21.303 ug/l
RT: 4.419 min Scan# 906
Delta R.T. -0.003 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

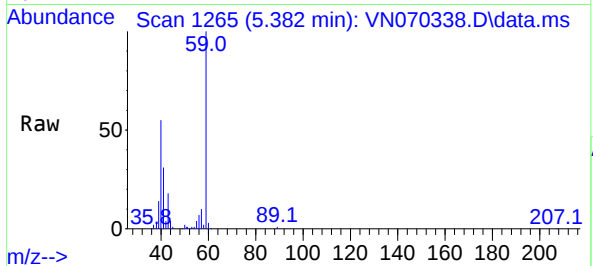
Tgt Ion:142 Resp: 258953
Ion Ratio Lower Upper
142 100
127 43.4 35.4 53.0
141 6.2 11.6 17.4#





#11
Tert butyl alcohol
Concen: 131.839 ug/l
RT: 5.382 min Scan# 1265
Delta R.T. 0.005 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

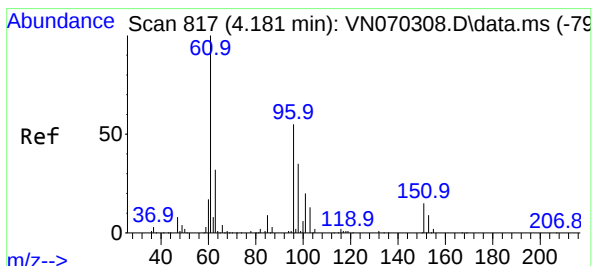
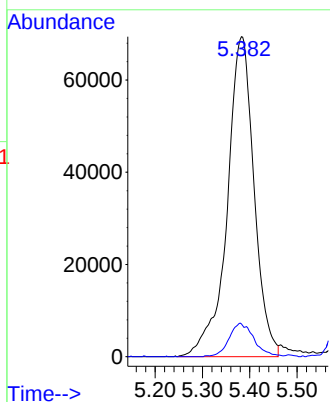
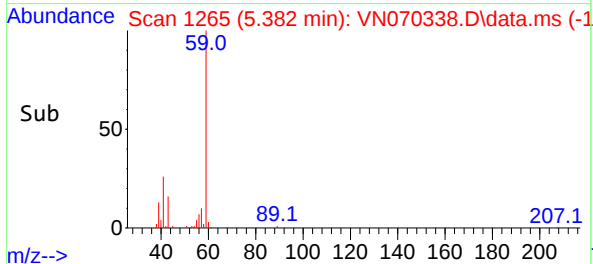
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



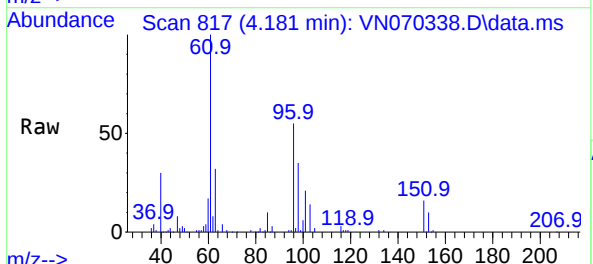
Tgt Ion: 59 Resp: 27418
Ion Ratio Lower Upper
59 100
57 9.1 8.7 13.1

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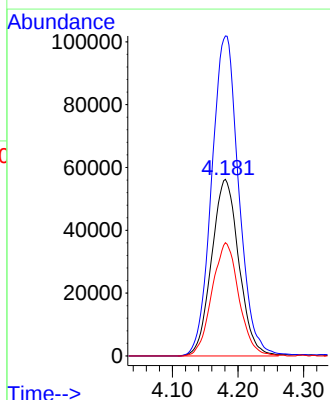
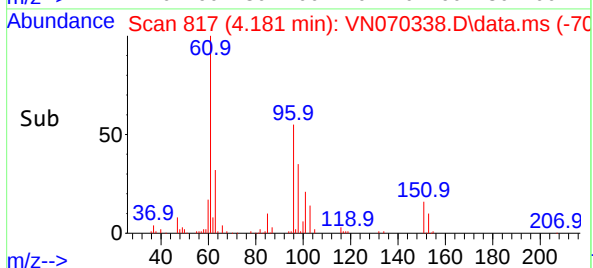
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

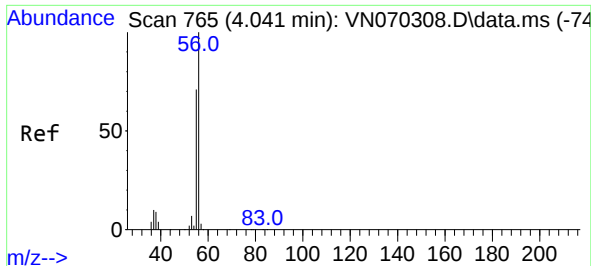


#12
1,1-Dichloroethene
Concen: 18.368 ug/l
RT: 4.181 min Scan# 817
Delta R.T. -0.000 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53



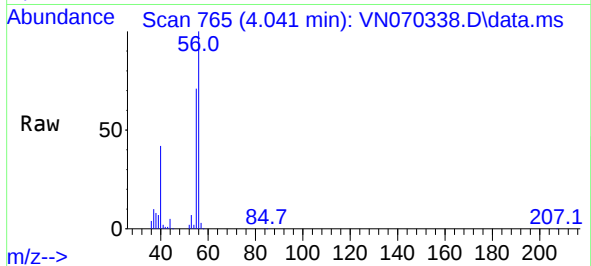
Tgt Ion: 96 Resp: 162511
Ion Ratio Lower Upper
96 100
61 181.2 131.0 196.6
98 64.1 52.4 78.6





#13
Acrolein
Concen: 115.043 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

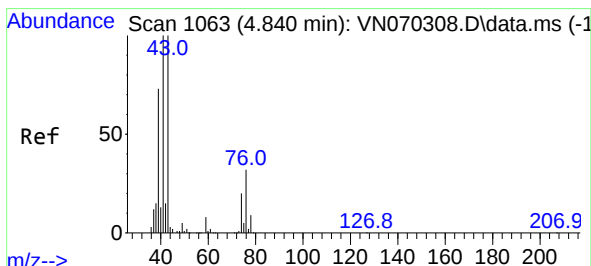
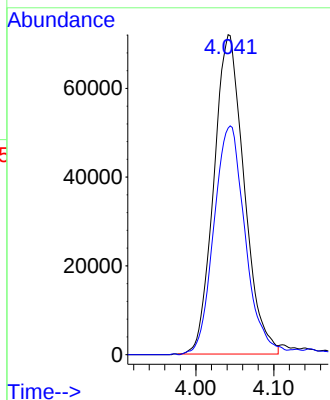
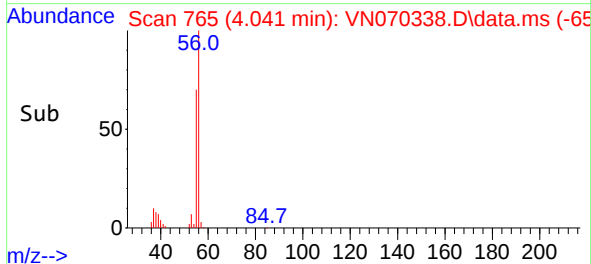
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



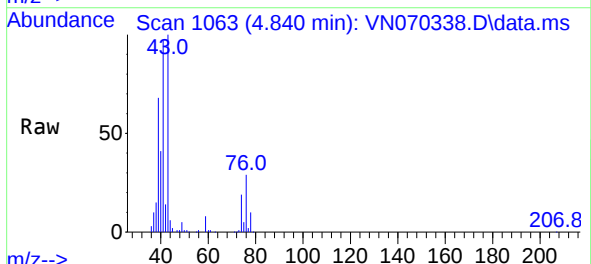
Tgt Ion: 56 Resp: 194128
Ion Ratio Lower Upper
56 100
55 74.3 56.6 85.0

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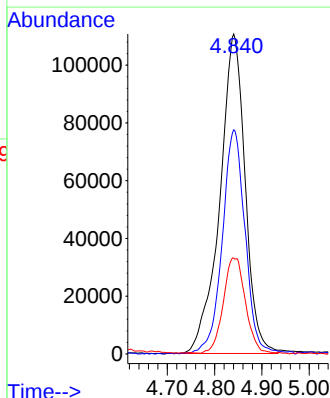
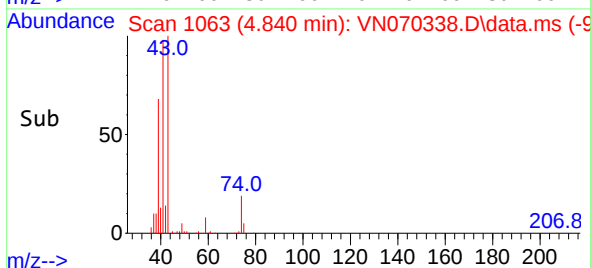
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

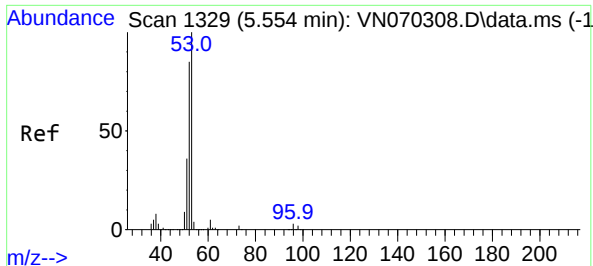


#14
Allyl chloride
Concen: 20.532 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53



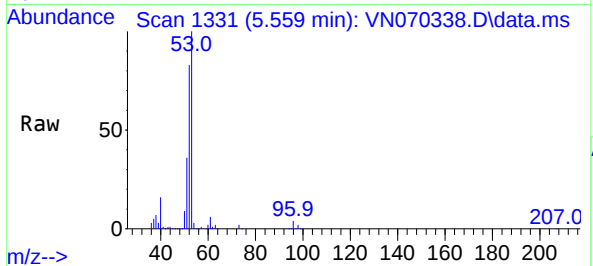
Tgt Ion: 41 Resp: 411850
Ion Ratio Lower Upper
41 100
39 63.5 61.2 91.8
76 25.9 26.0 39.0#





#15
Acrylonitrile
Concen: 123.012 ug/l
RT: 5.559 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

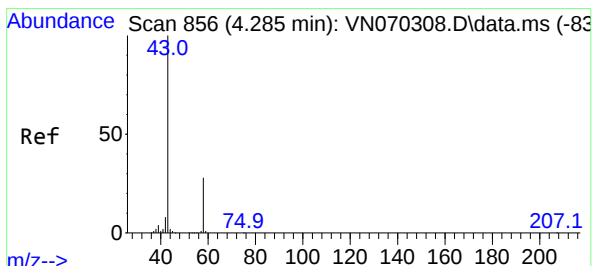
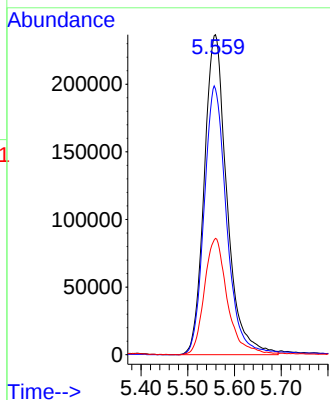
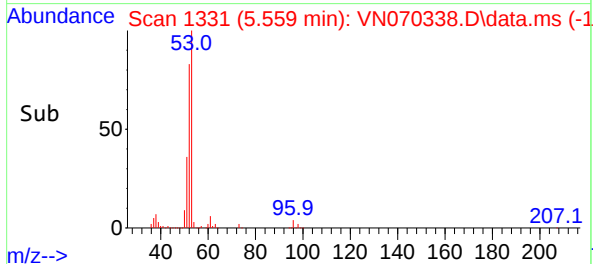
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 79832
Ion Ratio Lower Upper
53 100
52 83.2 66.2 99.2
51 36.8 29.6 44.4

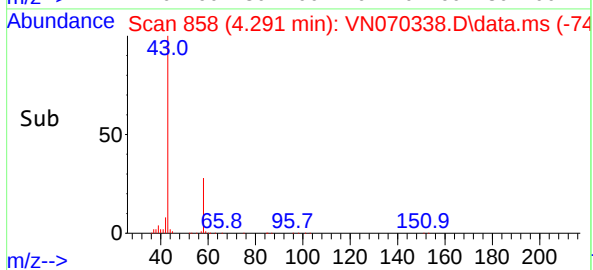
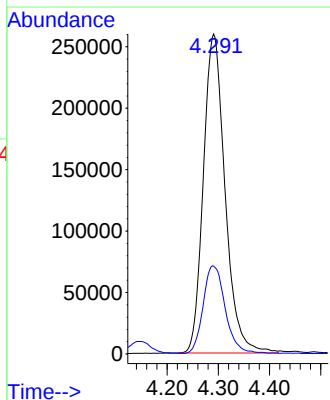
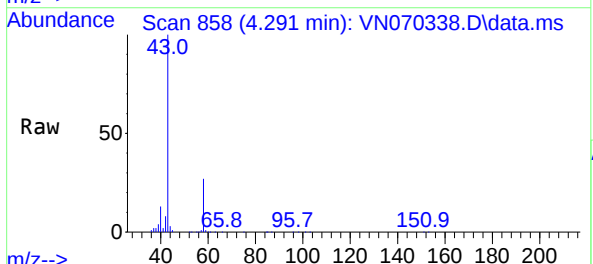
Manual Integrations
APPROVED

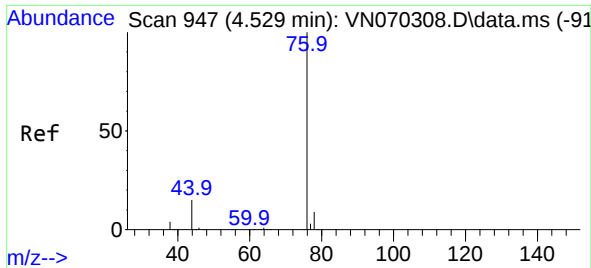
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#16
Acetone
Concen: 94.206 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.006 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

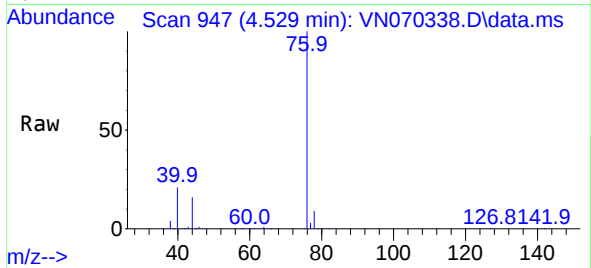
Tgt Ion: 43 Resp: 763834
Ion Ratio Lower Upper
43 100
58 27.3 23.1 34.7





#17
Carbon Disulfide
Concen: 19.583 ug/l
RT: 4.529 min Scan# 947
Delta R.T. 0.000 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

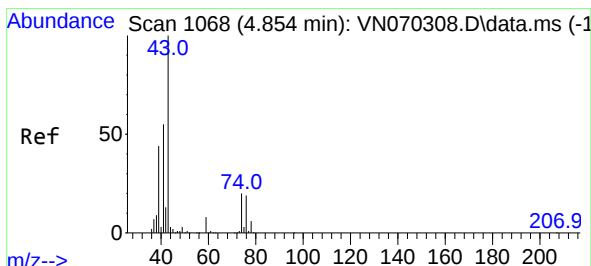
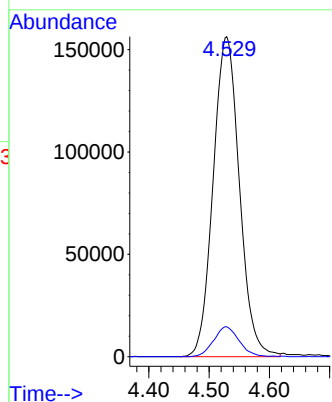
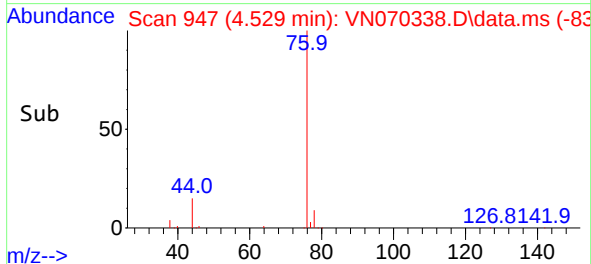
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



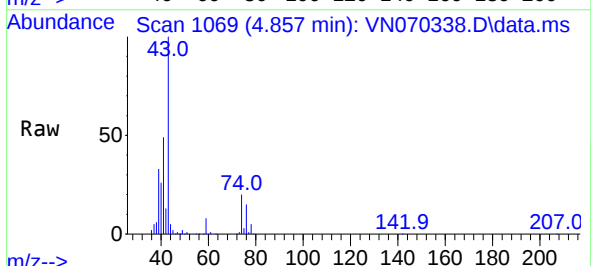
Tgt Ion: 76 Resp: 47294
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

Manual Integrations
APPROVED

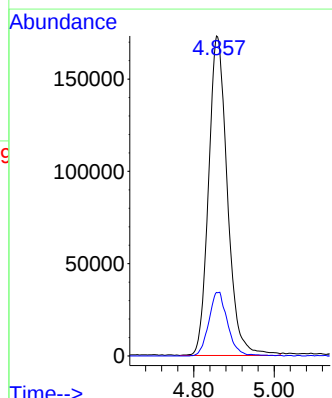
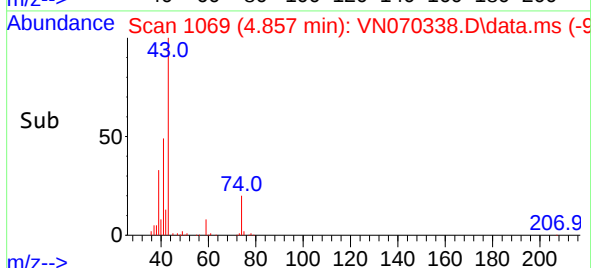
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

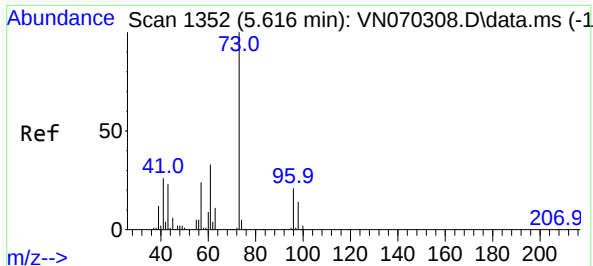


#18
Methyl Acetate
Concen: 23.992 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.003 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53



Tgt Ion: 43 Resp: 562706
Ion Ratio Lower Upper
43 100
74 19.7 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 22.371 ug/l
RT: 5.618 min Scan# 11353
Delta R.T. 0.002 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

Instrument :

MSVOA_N

ClientSampleId :

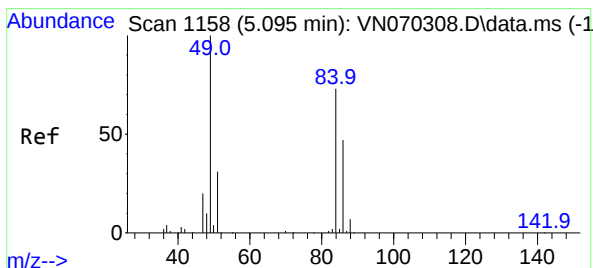
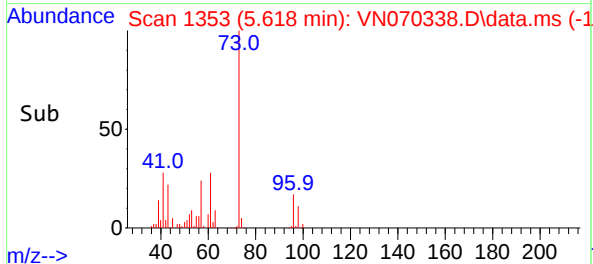
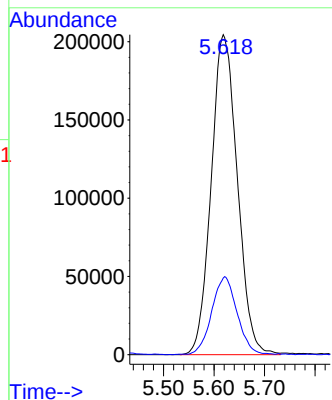
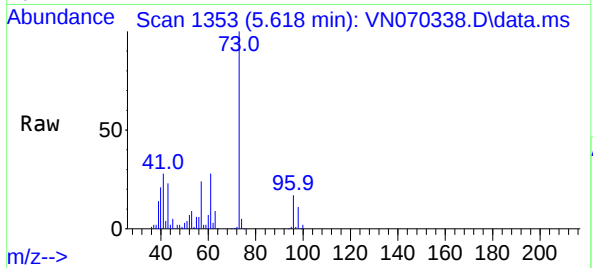
VSTDCCC050EC

Tgt Ion: 73 Resp: 73502
Ion Ratio Lower Upper
73 100
57 23.8 16.8 25.2

Manual Integrations

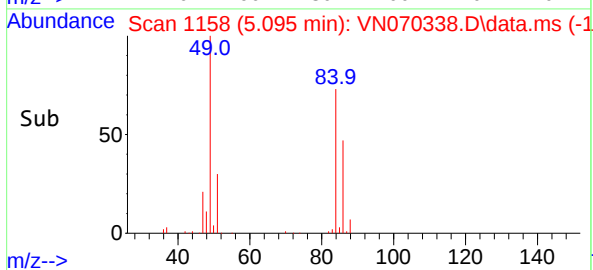
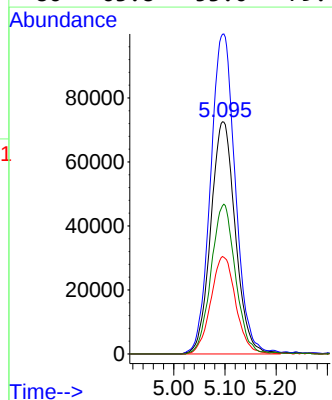
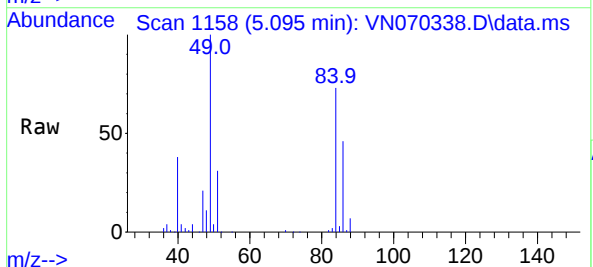
APPROVED

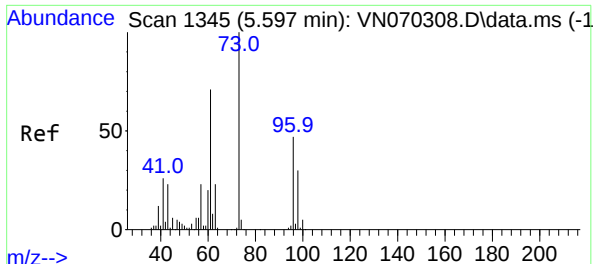
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#20
Methylene Chloride
Concen: 21.587 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

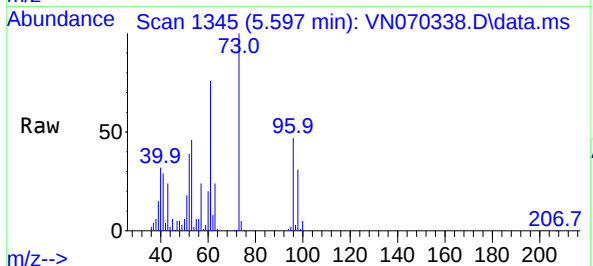
Tgt Ion: 84 Resp: 242164
Ion Ratio Lower Upper
84 100
49 137.6 93.5 140.3
51 42.0 29.4 44.2
86 63.8 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 19.620 ug/l
RT: 5.597 min Scan# 1345
Delta R.T. -0.000 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

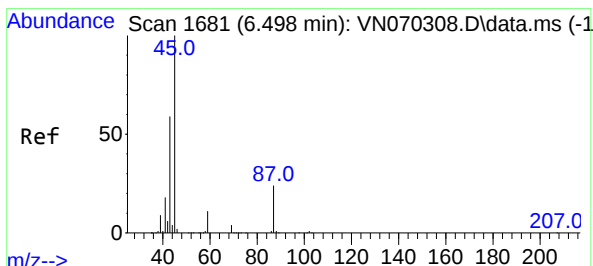
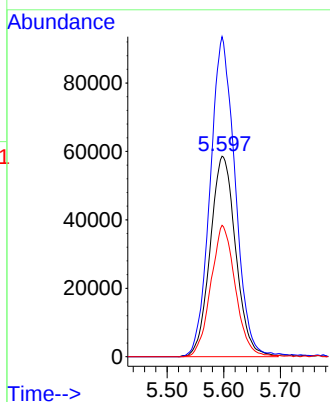
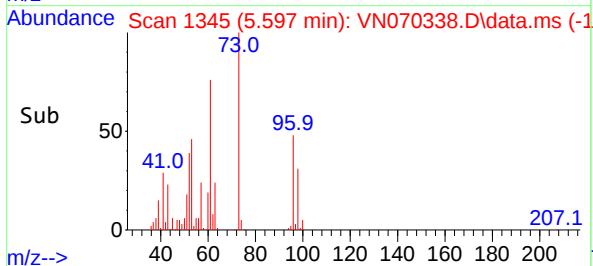
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



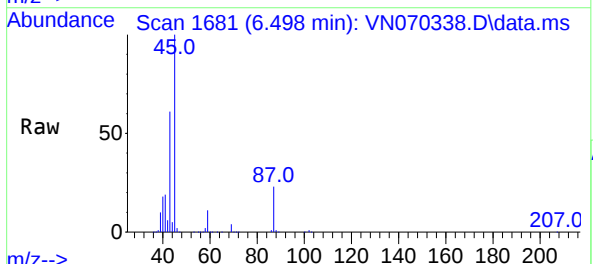
Tgt Ion: 96 Resp: 183788
Ion Ratio Lower Upper
96 100
61 159.6 105.8 158.6
98 65.6 52.0 78.0

Manual Integrations
APPROVED

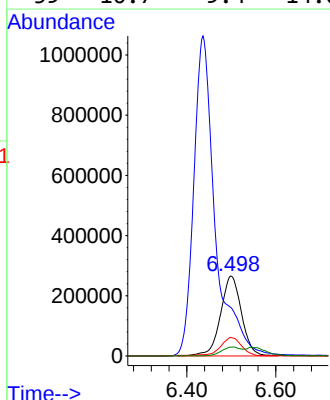
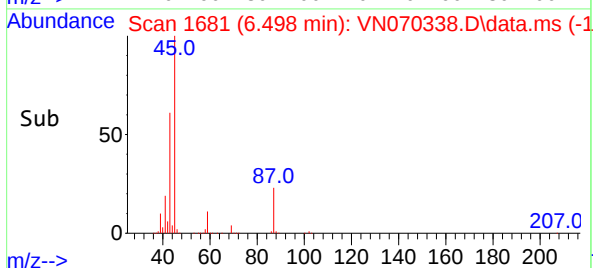
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

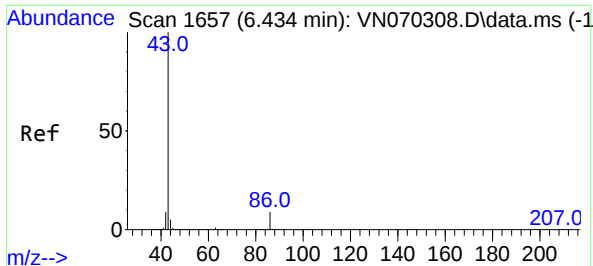


#22
Diisopropyl ether
Concen: 22.206 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53



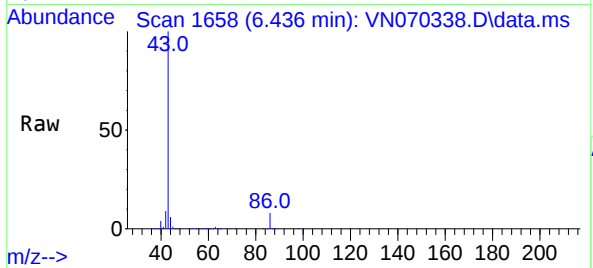
Tgt Ion: 45 Resp: 867582
Ion Ratio Lower Upper
45 100
43 59.1 51.7 77.5
87 23.1 23.2 34.8#
59 10.7 9.4 14.0





#23
 Vinyl Acetate
 Concen: 117.585 ug/l
 RT: 6.436 min Scan# 1657
 Delta R.T. 0.002 min
 Lab File: VN070338.D
 Acq: 28 Dec 2021 20:53

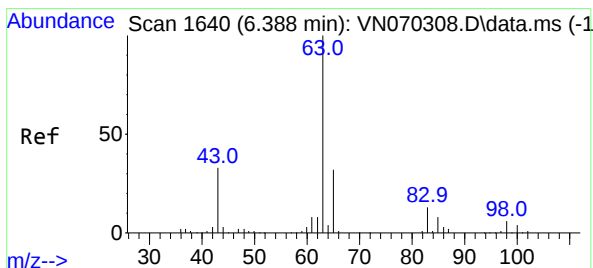
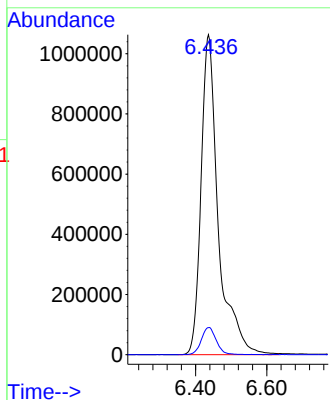
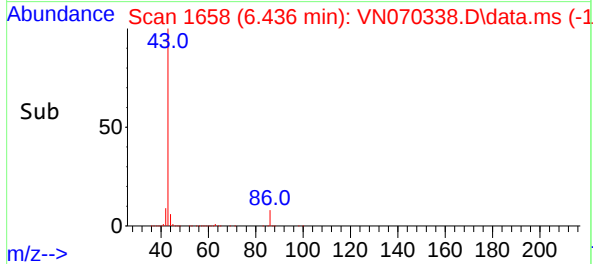
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



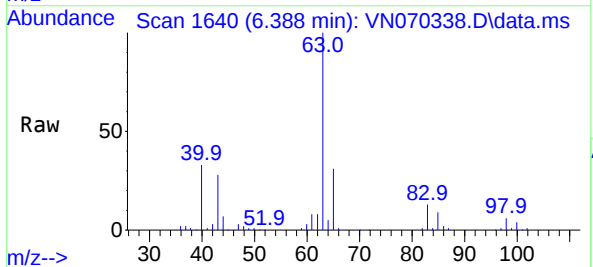
Tgt Ion: 43 Resp: 3564394
 Ion Ratio Lower Upper
 43 100
 86 8.5 8.5 12.75

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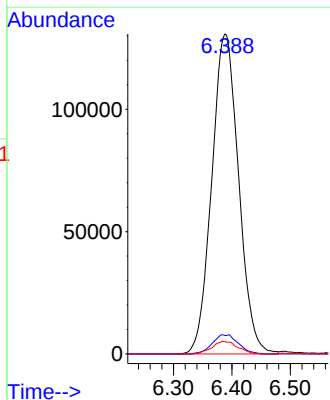
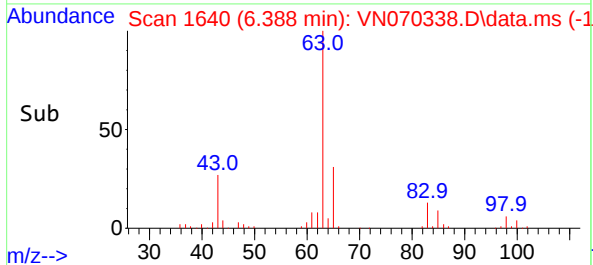
Reviewed By :John Carlone 12/29/2021
 Supervised By :Mahesh Dadoda 12/30/2021

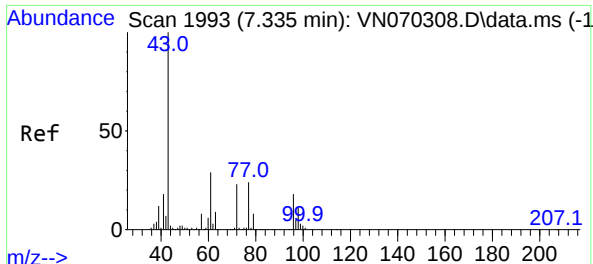


#24
 1,1-Dichloroethane
 Concen: 20.646 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. -0.000 min
 Lab File: VN070338.D
 Acq: 28 Dec 2021 20:53



Tgt Ion: 63 Resp: 418262
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.9
 100 3.9 2.1 6.5





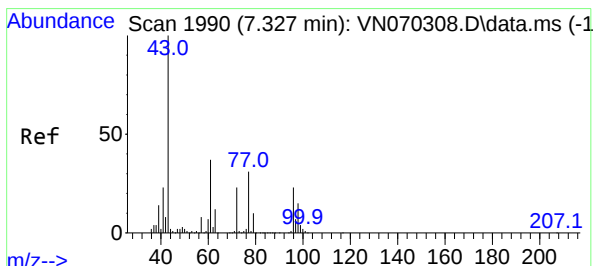
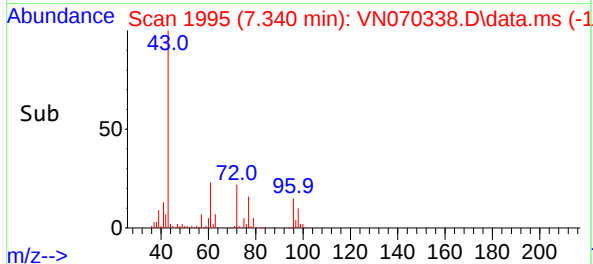
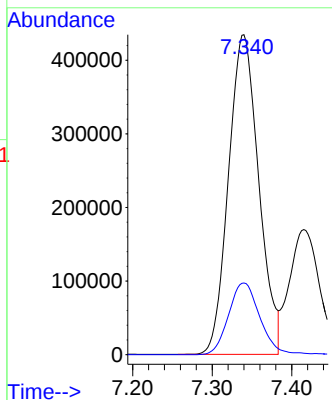
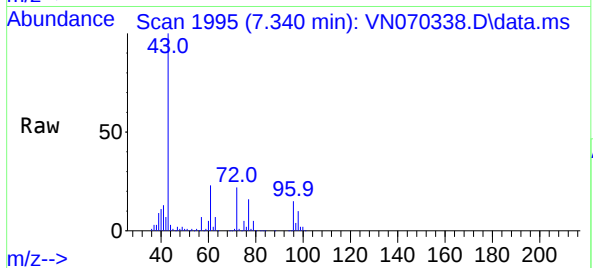
#25
2-Butanone
Concen: 112.663 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. 0.005 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1150194
Ion Ratio Lower Upper
43 100
72 22.4 21.7 32.5

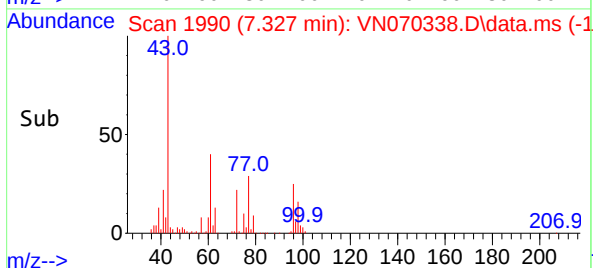
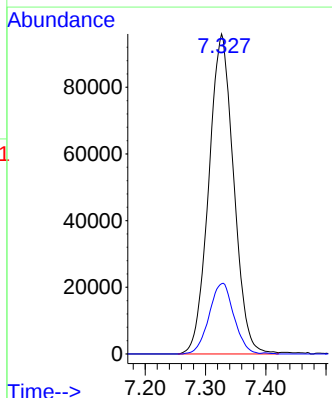
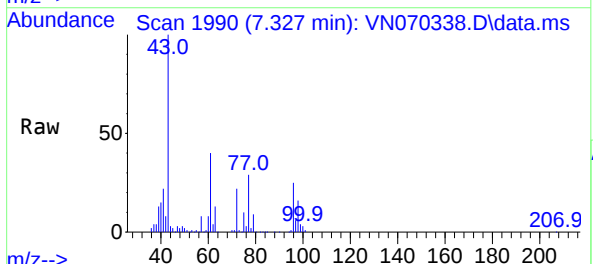
Manual Integrations
APPROVED

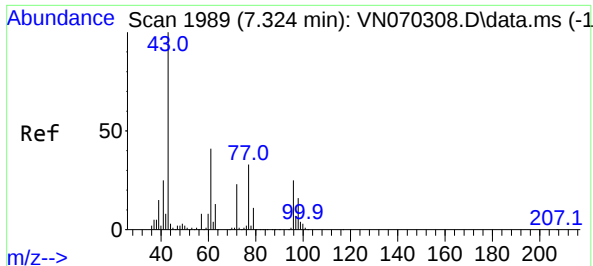
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#26
2,2-Dichloropropane
Concen: 17.234 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

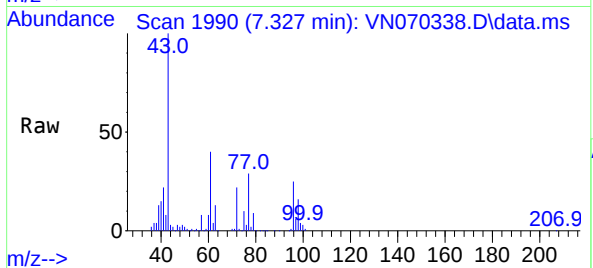
Tgt Ion: 77 Resp: 275432
Ion Ratio Lower Upper
77 100
97 22.0 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 20.986 ug/l
RT: 7.327 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

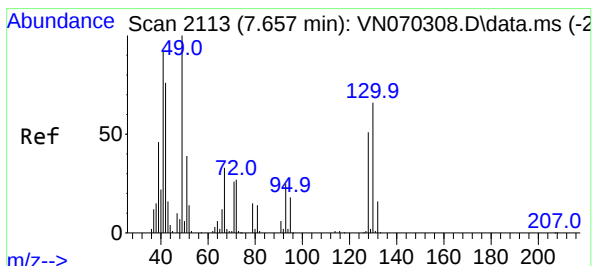
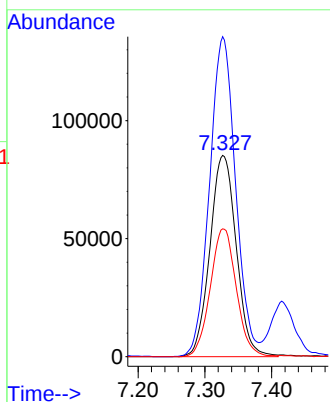
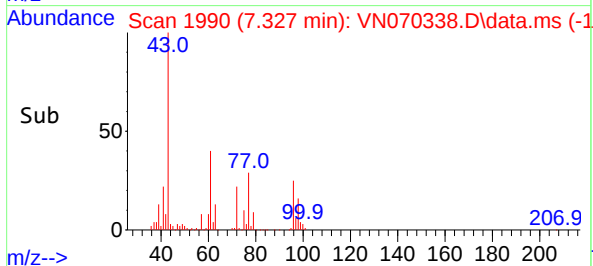
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 23457
Ion Ratio Lower Upper
96 100
61 156.5 0.0 275.0
98 62.5 0.0 129.6

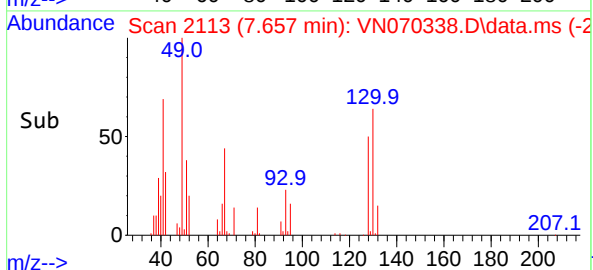
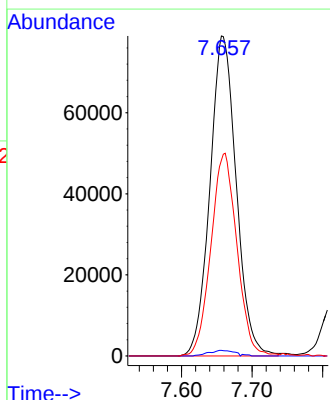
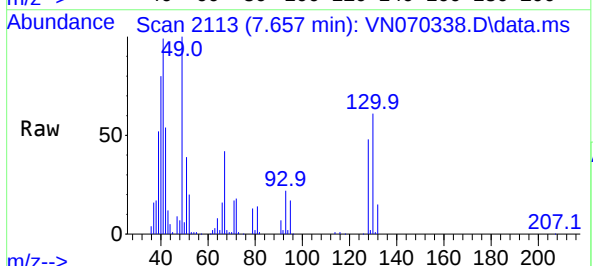
Manual Integrations
APPROVED

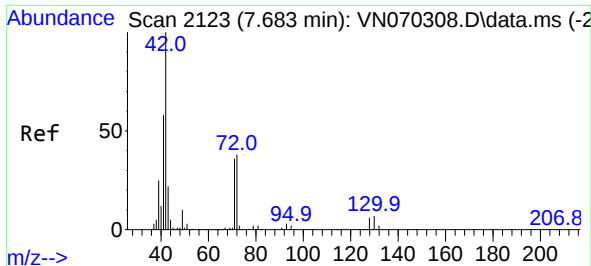
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#28
Bromochloromethane
Concen: 20.642 ug/l
RT: 7.657 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

Tgt Ion: 49 Resp: 204508
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.0
130 62.4 67.8 101.8#





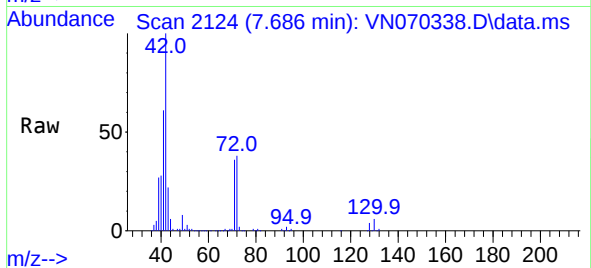
#29
Tetrahydrofuran
Concen: 124.912 ug/l
RT: 7.686 min Scan# 2124
Delta R.T. 0.003 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

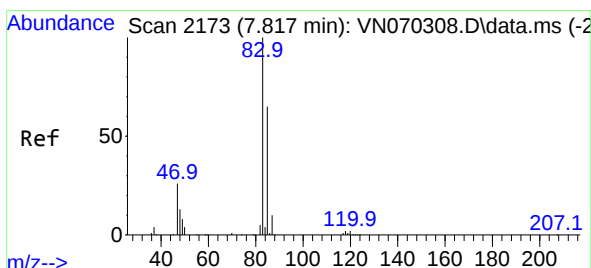
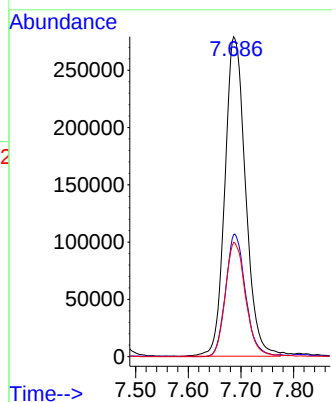
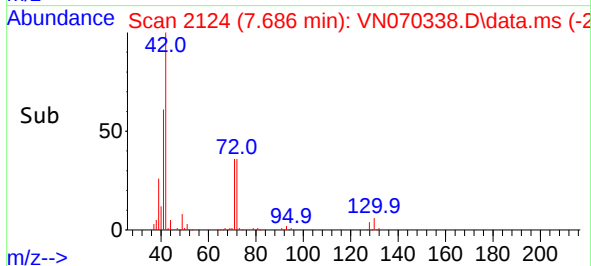


Tgt Ion: 42 Resp: 760854
Ion Ratio Lower Upper
42 100
72 36.8 36.3 54.5
71 35.2 34.7 52.1

Manual Integrations

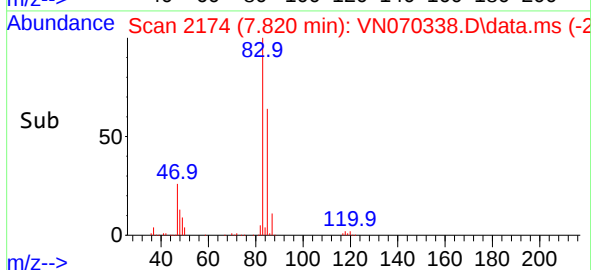
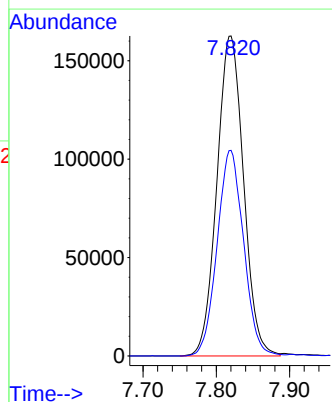
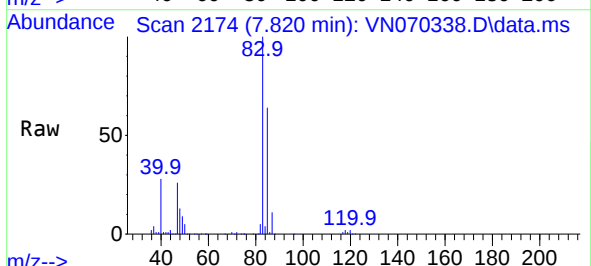
APPROVED

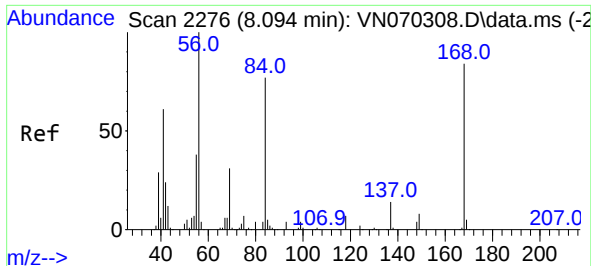
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#30
Chloroform
Concen: 21.052 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.003 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

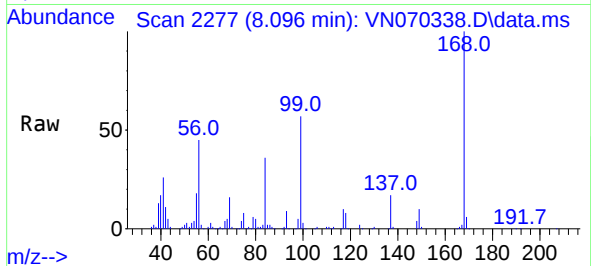
Tgt Ion: 83 Resp: 411435
Ion Ratio Lower Upper
83 100
85 64.2 51.9 77.9





#31
Cyclohexane
Concen: 17.967 ug/l
RT: 8.096 min Scan# 2276
Delta R.T. 0.002 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

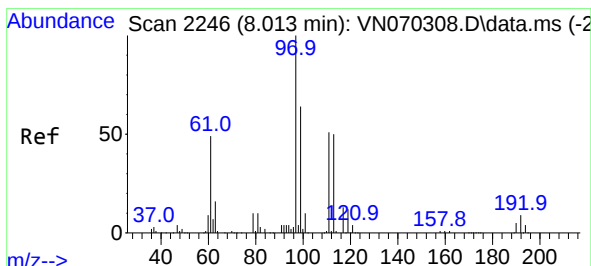
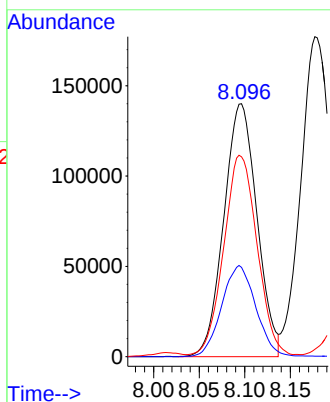
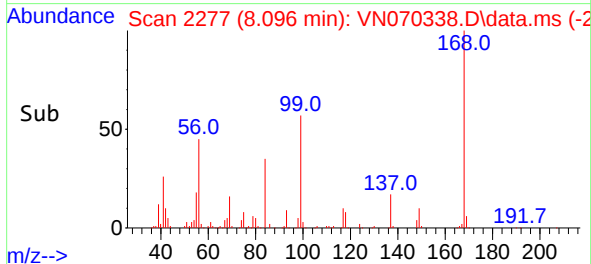
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



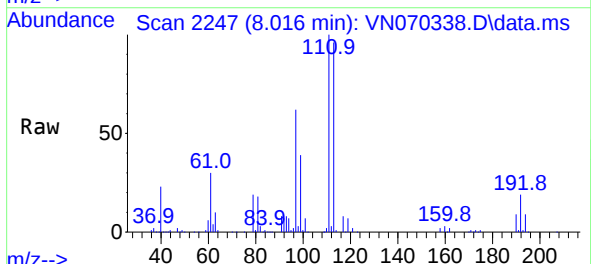
Tgt Ion: 56 Resp: 35413
Ion Ratio Lower Upper
56 100
69 35.3 27.1 40.7
84 77.7 73.4 110.0

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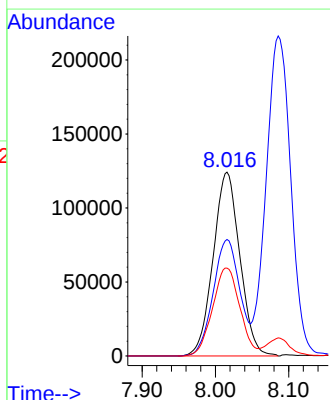
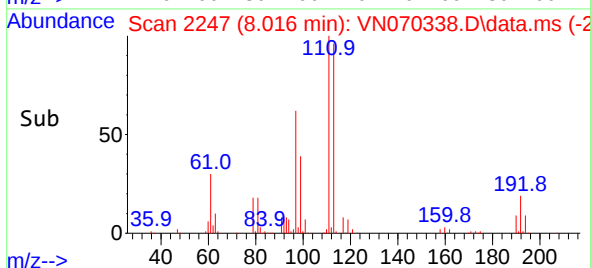
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

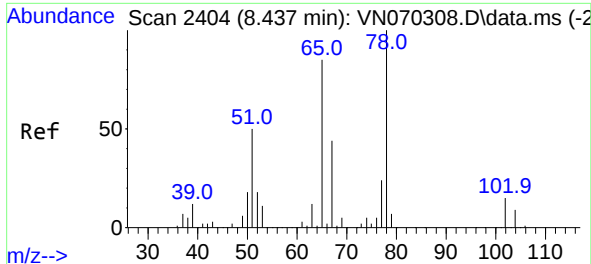


#32
1,1,1-Trichloroethane
Concen: 19.084 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.003 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53



Tgt Ion: 97 Resp: 314475
Ion Ratio Lower Upper
97 100
99 63.5 50.1 75.1
61 49.1 35.2 52.8





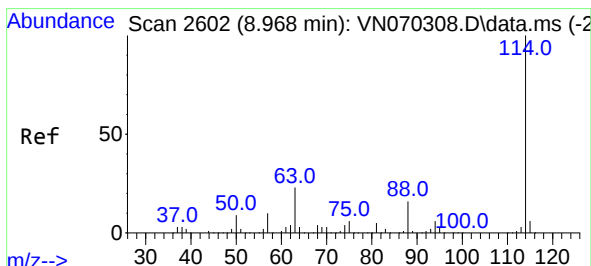
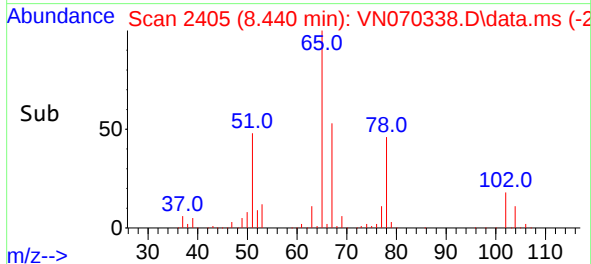
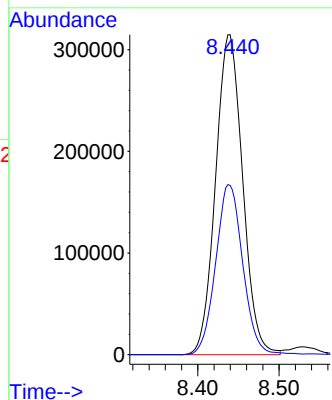
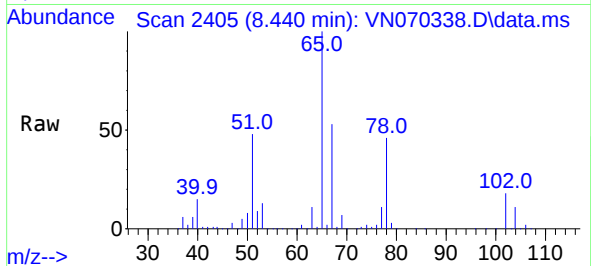
#33
1,2-Dichloroethane-d4
Concen: 58.373 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 72909
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.0

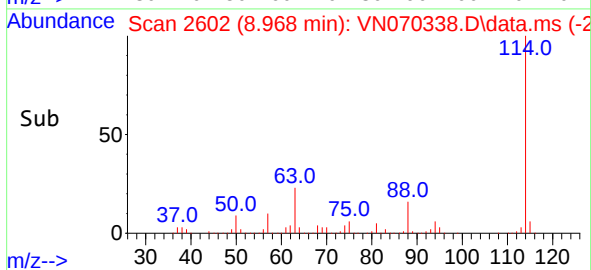
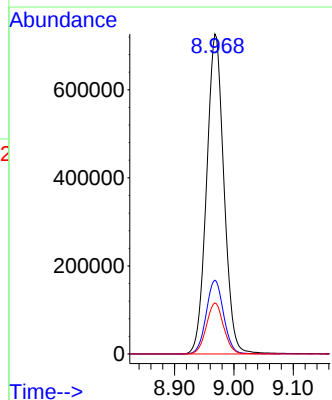
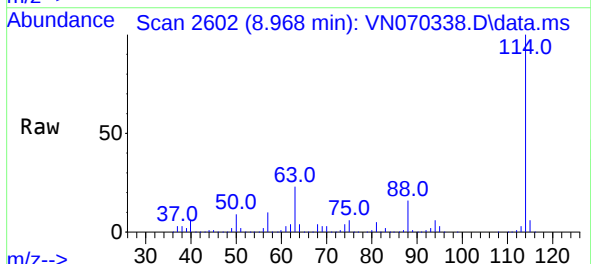
Manual Integrations
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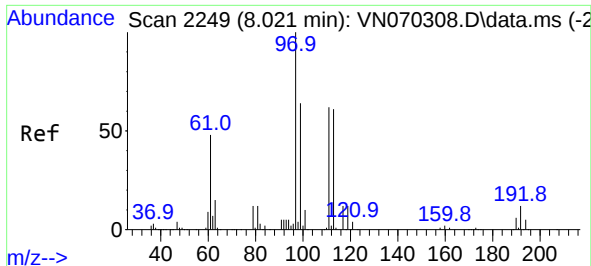
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

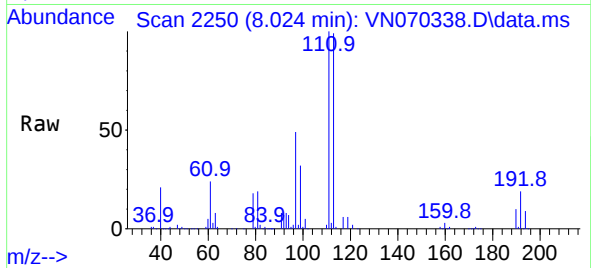
Tgt Ion:114 Resp: 1473395
Ion Ratio Lower Upper
114 100
63 23.1 0.0 37.8
88 15.9 0.0 27.4





#35
Dibromofluoromethane
Concen: 57.521 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

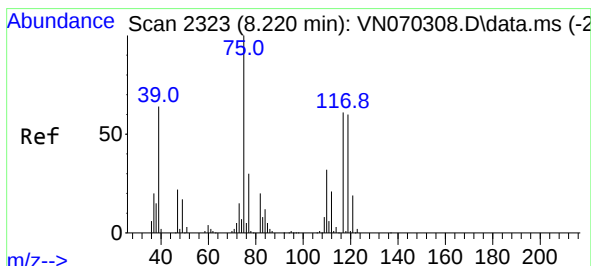
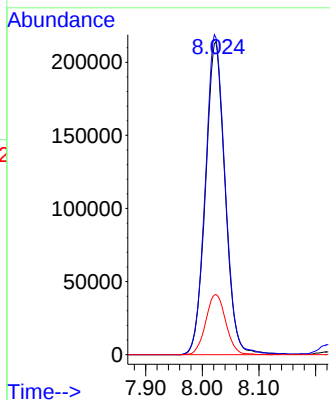
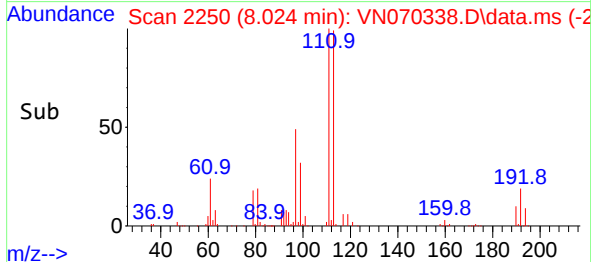
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



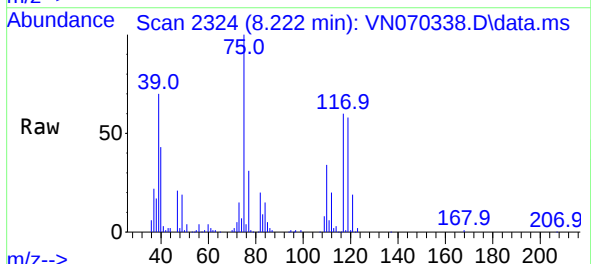
Tgt Ion: 113 Resp: 51278
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 19.8 16.9 25.3

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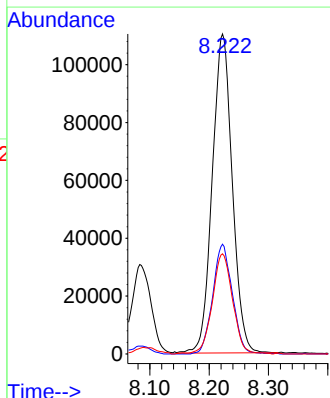
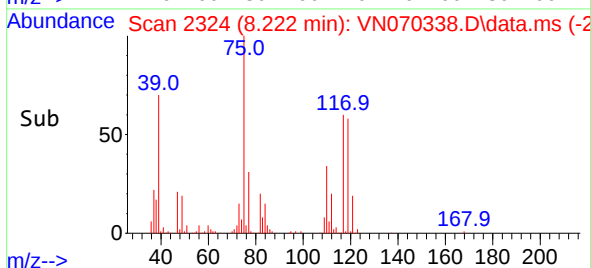
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

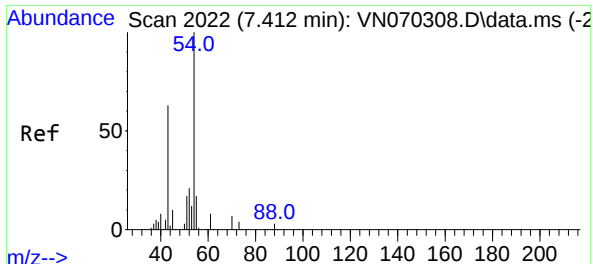


#36
1,1-Dichloropropene
Concen: 17.535 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.002 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53



Tgt Ion: 75 Resp: 258593
Ion Ratio Lower Upper
75 100
110 33.7 18.4 55.2
77 31.8 24.4 36.6





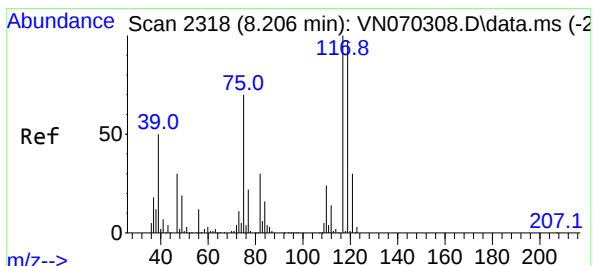
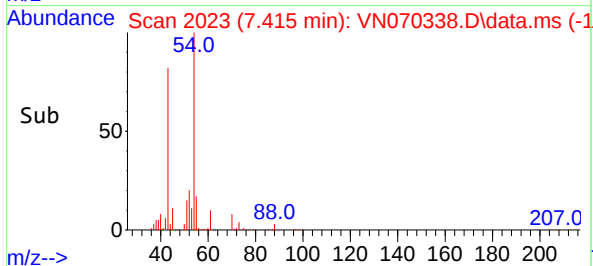
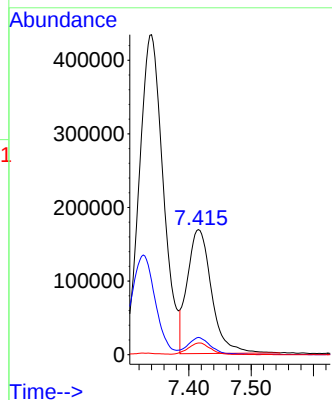
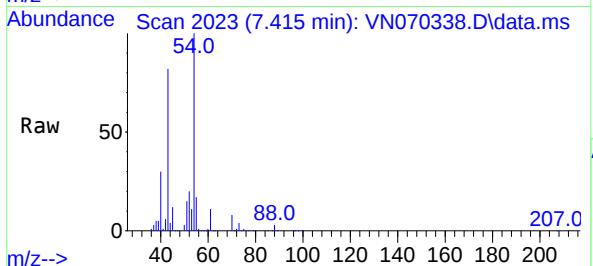
#37
Ethyl Acetate
Concen: 23.762 ug/l
RT: 7.415 min Scan# 2022
Delta R.T. 0.003 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 45423
Ion Ratio Lower Upper
43 100
61 13.0 11.5 17.3
70 8.3 7.9 11.9

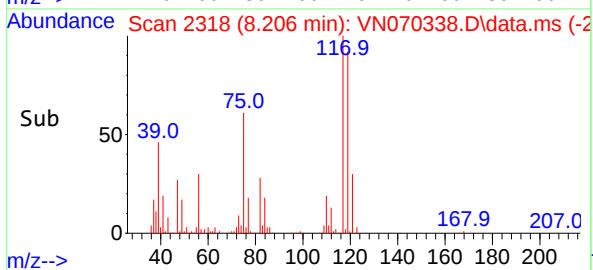
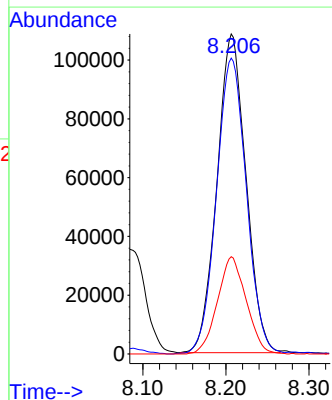
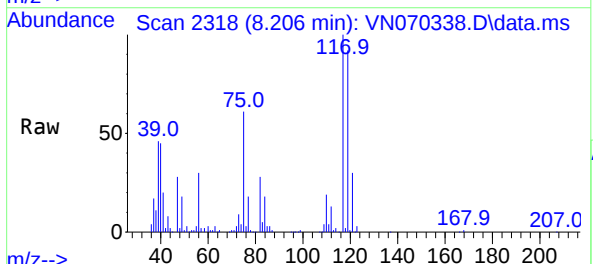
Manual Integrations
APPROVED

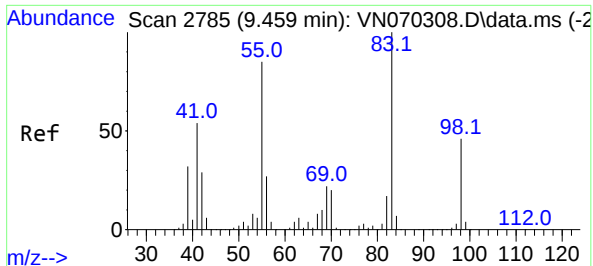
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#38
Carbon Tetrachloride
Concen: 18.635 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

Tgt Ion:117 Resp: 262415
Ion Ratio Lower Upper
117 100
119 92.6 76.1 114.1
121 30.5 24.2 36.2





#39

Methylcyclohexane

Concen: 16.581 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070338.D

Acq: 28 Dec 2021 20:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 296042

Ion Ratio Lower Upper

83 100

55 88.0 58.1 87.1

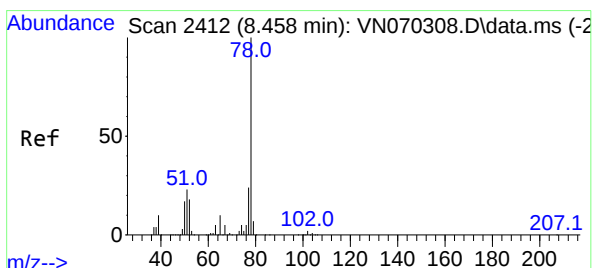
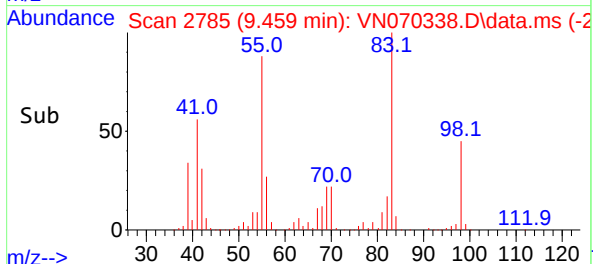
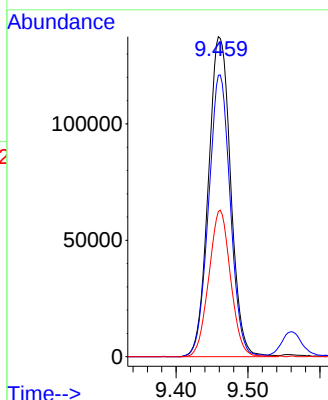
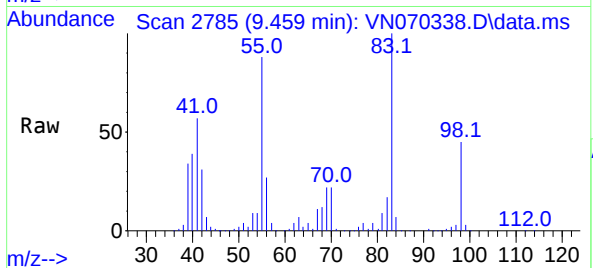
98 45.4 38.4 57.6

Manual Integrations

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Reviewed By :John Carlone 12/29/2021

Supervised By :Mahesh Dadoda 12/30/2021



#40

Benzene

Concen: 19.677 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. 0.003 min

Lab File: VN070338.D

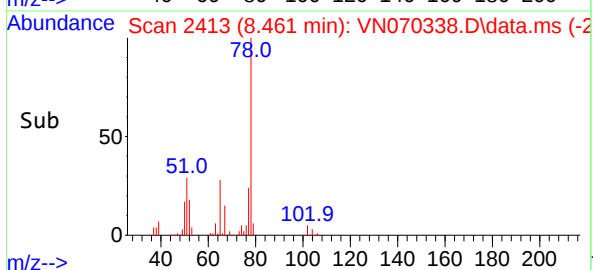
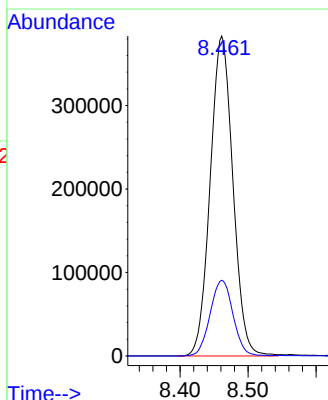
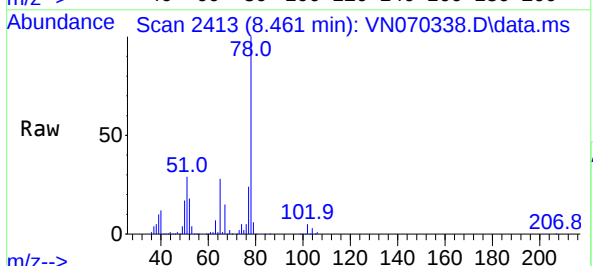
Acq: 28 Dec 2021 20:53

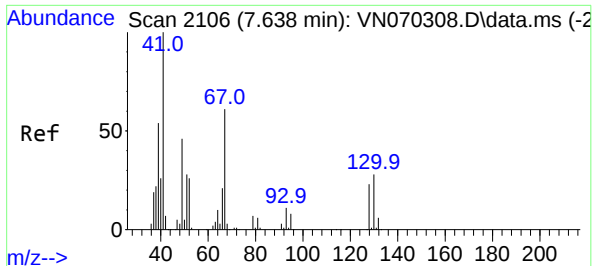
Tgt Ion: 78 Resp: 889642

Ion Ratio Lower Upper

78 100

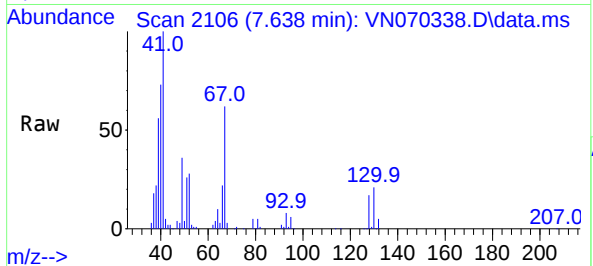
77 23.7 18.6 27.8





#41
Methacrylonitrile
Concen: 24.884 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

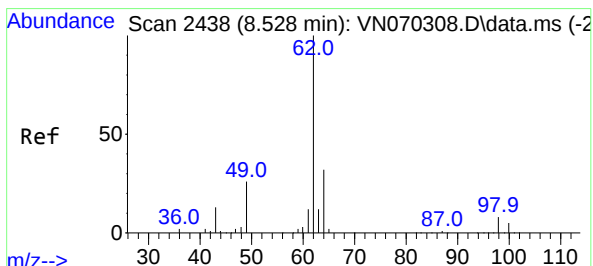
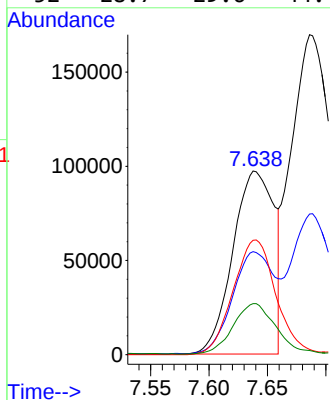
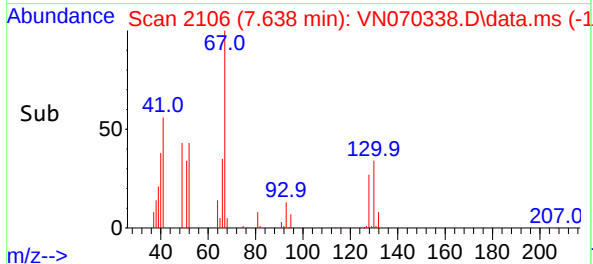
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 23792
Ion Ratio Lower Upper
41 100
39 57.9 48.1 72.1
67 65.5 68.3 102.5
52 28.7 29.6 44.4

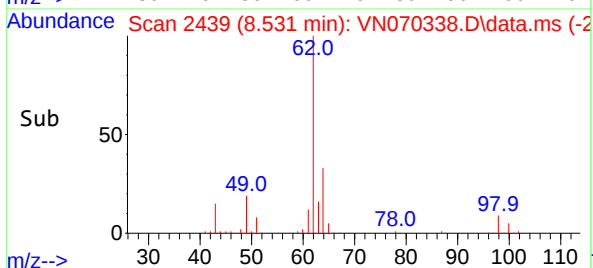
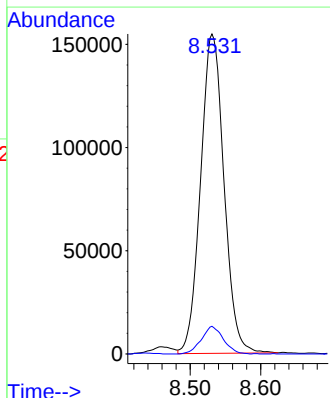
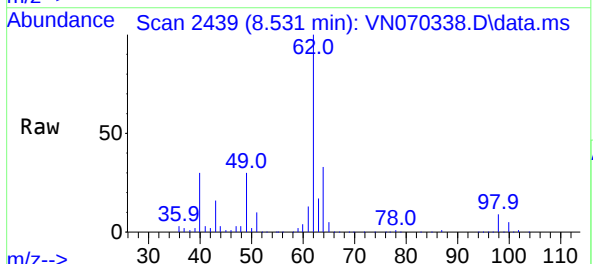
Manual Integrations
APPROVED

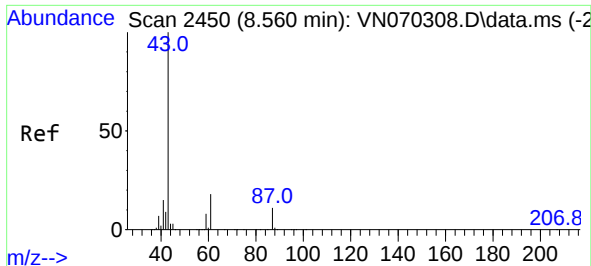
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#42
1,2-Dichloroethane
Concen: 20.973 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

Tgt Ion: 62 Resp: 356412
Ion Ratio Lower Upper
62 100
98 8.2 0.0 17.6





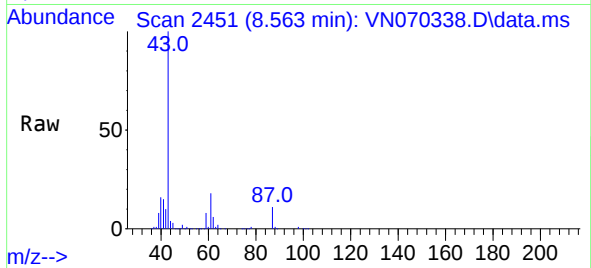
#43
Isopropyl Acetate
Concen: 22.839 ug/l
RT: 8.563 min Scan# 2450
Delta R.T. 0.003 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



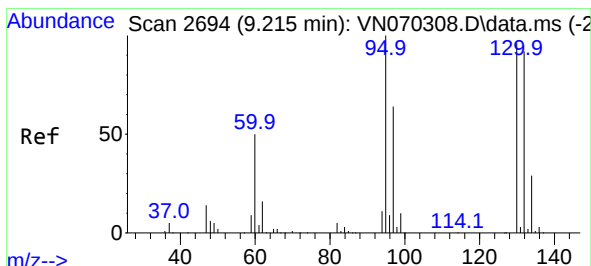
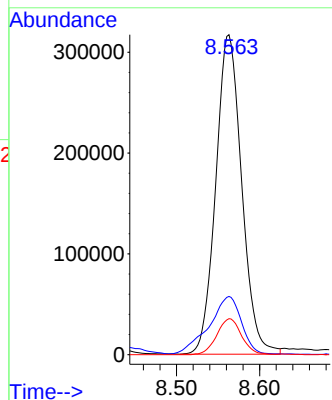
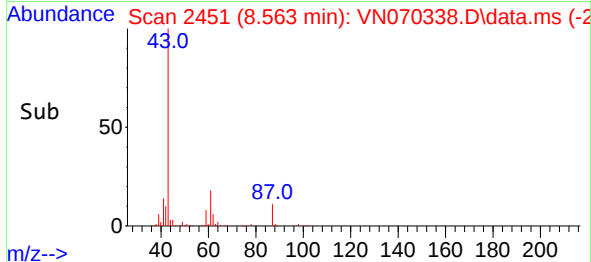
Tgt Ion: 43 Resp: 68832
Ion Ratio Lower Upper
43 100
61 22.6 20.4 30.6
87 10.8 11.2 16.8

Manual Integrations

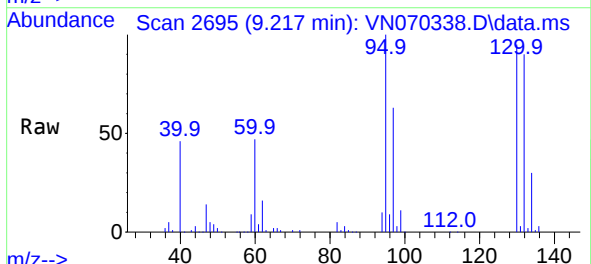
APPROVED

Reviewed By :John Carlone 12/29/2021

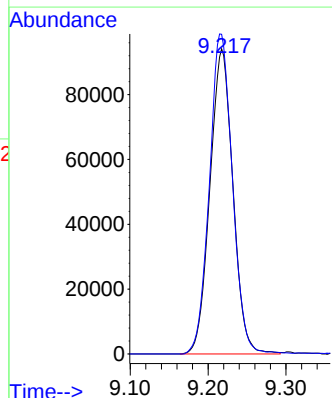
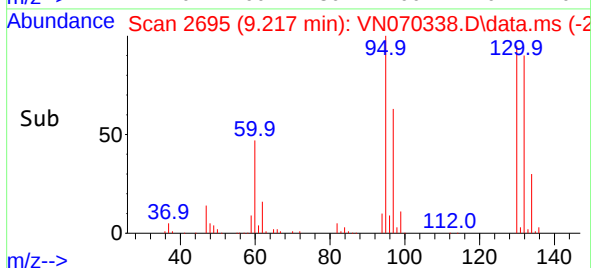
Supervised By :Mahesh Dadoda 12/30/2021

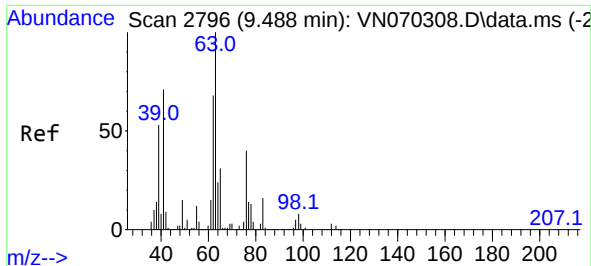


#44
Trichloroethene
Concen: 17.954 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.002 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53



Tgt Ion:130 Resp: 192881
Ion Ratio Lower Upper
130 100
95 104.8 0.0 191.2





#45
1,2-Dichloropropane
Concen: 21.026 ug/l
RT: 9.491 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

Instrument :

MSVOA_N

ClientSampleId :

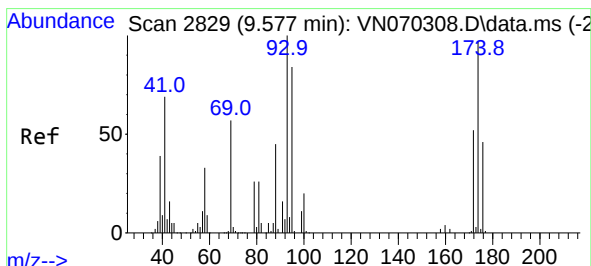
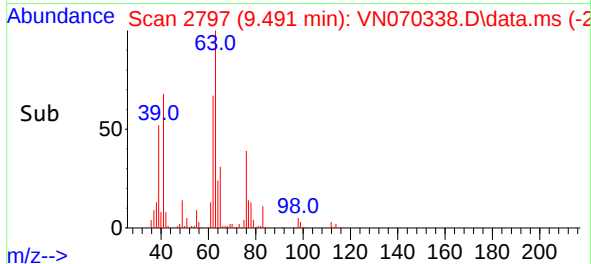
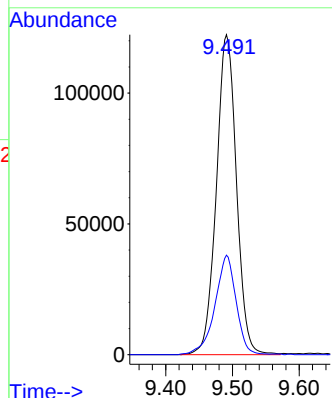
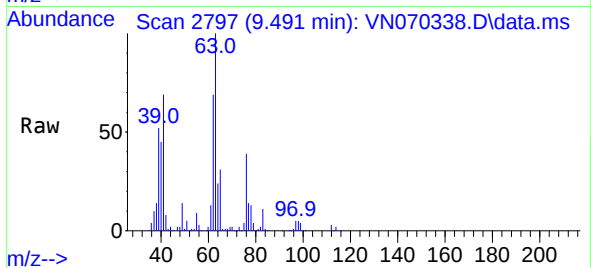
VSTDCCC050EC

Tgt Ion: 63 Resp: 25595
Ion Ratio Lower Upper
63 100
65 30.9 24.7 37.1

Manual Integrations

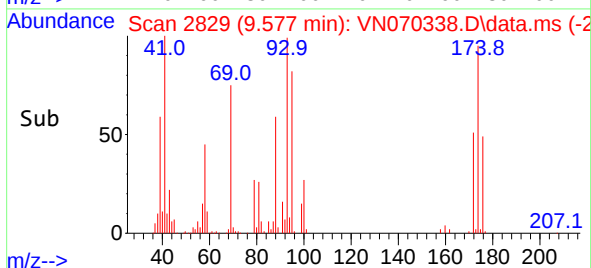
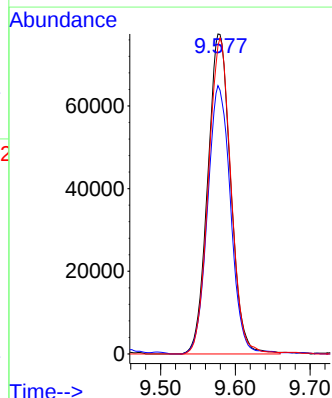
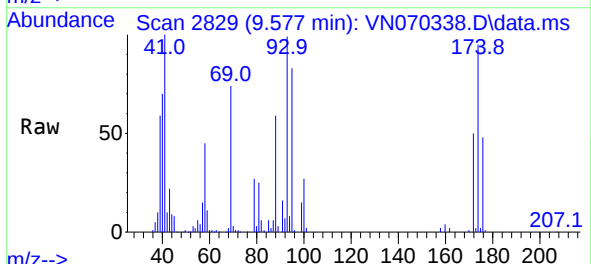
APPROVED

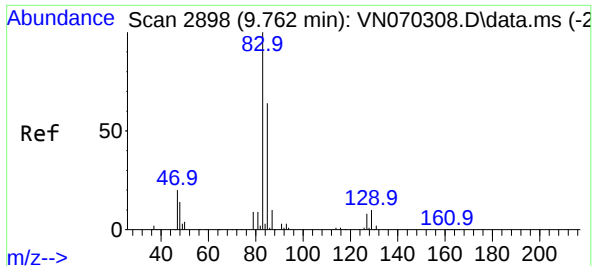
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#46
Dibromomethane
Concen: 21.785 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.000 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

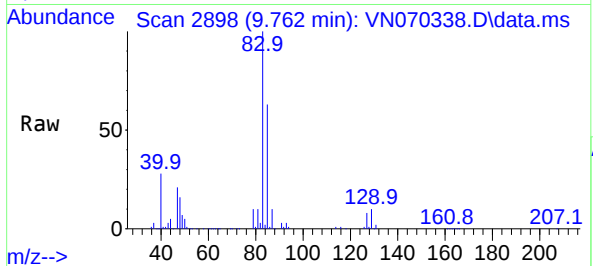
Tgt Ion: 93 Resp: 164905
Ion Ratio Lower Upper
93 100
95 83.8 65.9 98.9
174 96.7 84.6 127.0





#47
Bromodichloromethane
Concen: 22.202 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

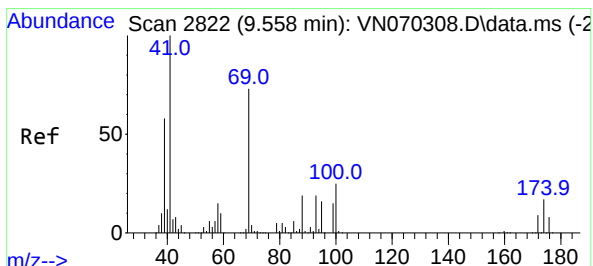
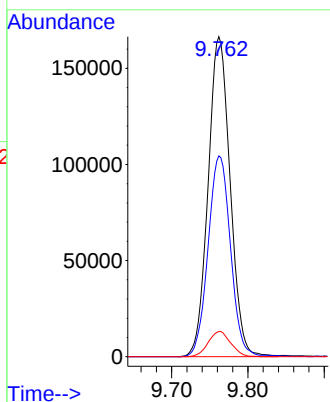
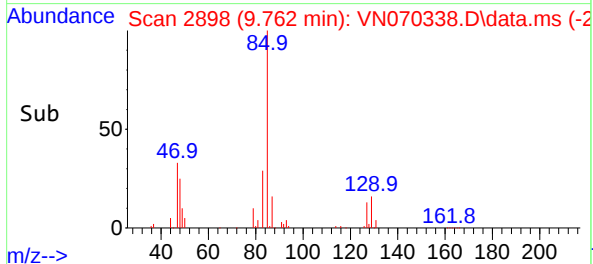
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



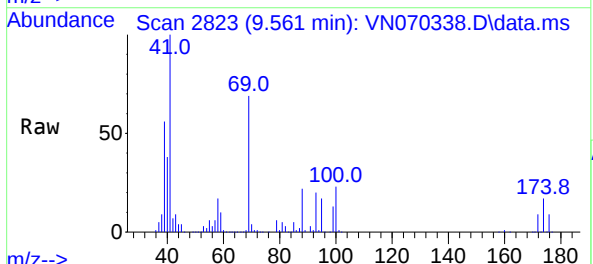
Tgt Ion: 83 Resp: 33369
Ion Ratio Lower Upper
83 100
85 62.8 50.9 76.3
127 7.9 7.1 10.7

Manual Integrations
APPROVED

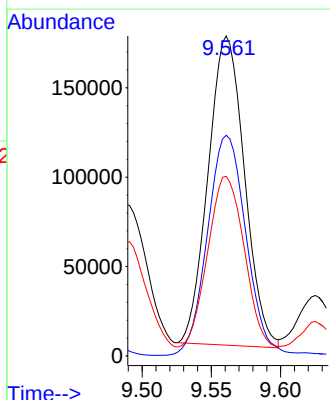
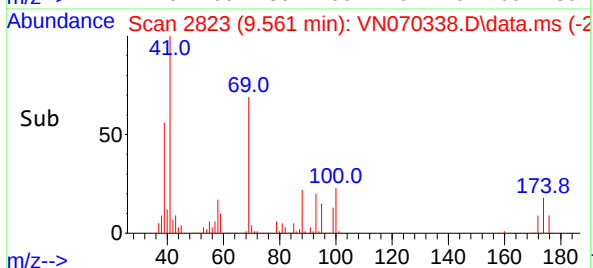
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

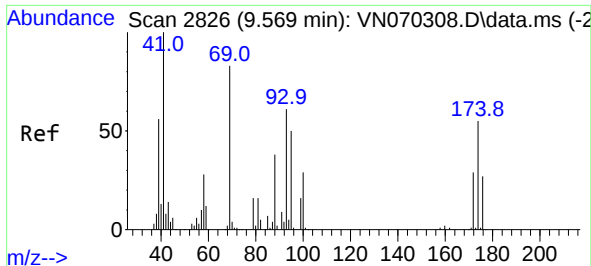


#48
Methyl methacrylate
Concen: 21.976 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.003 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53



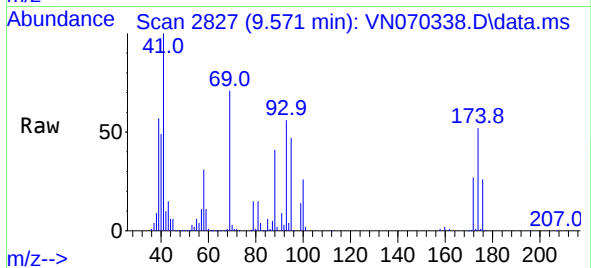
Tgt Ion: 41 Resp: 315914
Ion Ratio Lower Upper
41 100
69 75.6 72.4 108.6
39 61.0 58.4 87.6





#49
1,4-Dioxane
Concen: 510.726 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.002 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

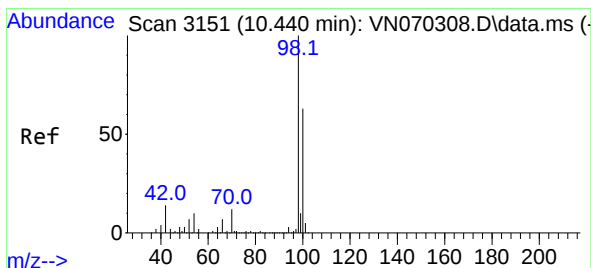
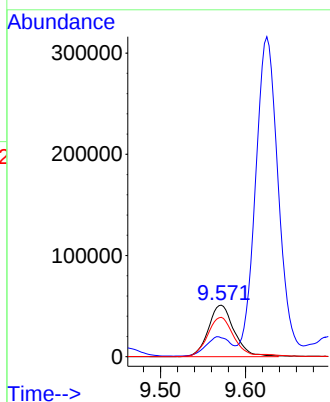
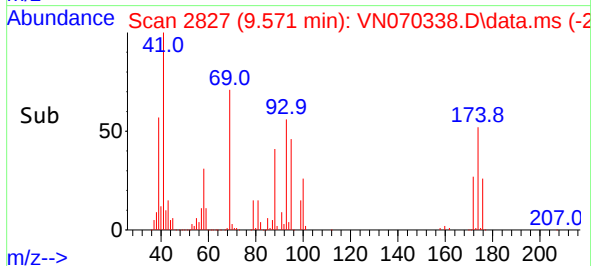
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 107474
Ion Ratio Lower Upper
88 100
43 35.1 23.4 35.2
58 76.8 50.6 75.8

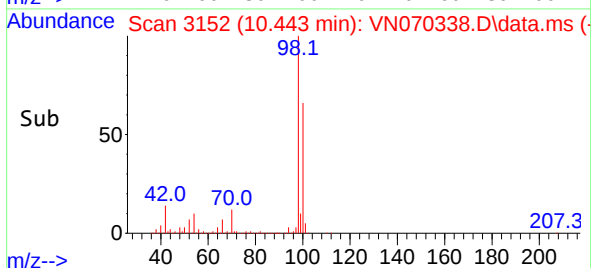
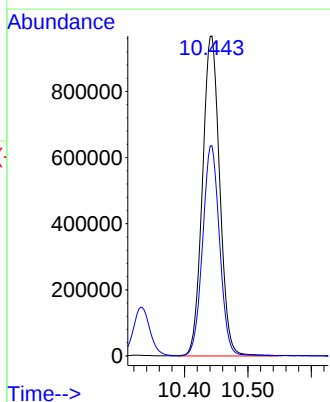
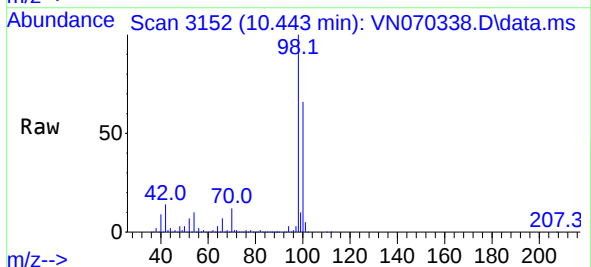
Manual Integrations
APPROVED

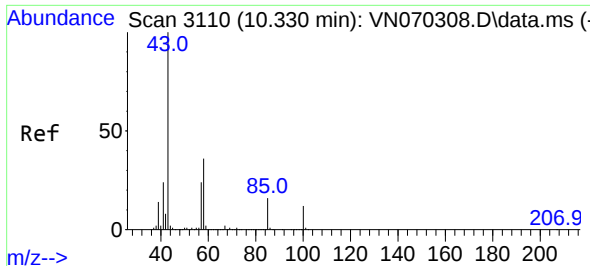
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#50
Toluene-d8
Concen: 50.263 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

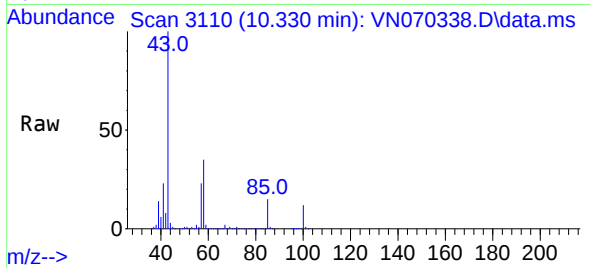
Tgt Ion: 98 Resp: 1830484
Ion Ratio Lower Upper
98 100
100 64.6 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 119.855 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

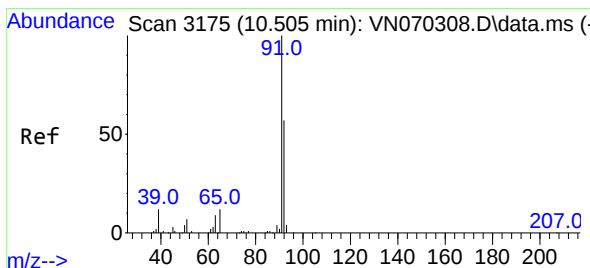
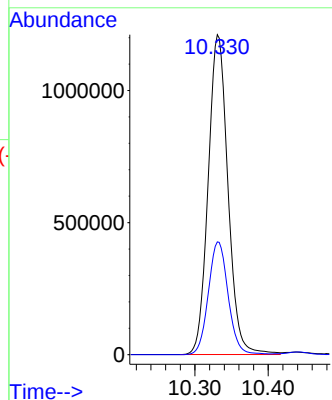
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 226977
Ion Ratio Lower Upper
43 100
58 35.4 30.4 45.6

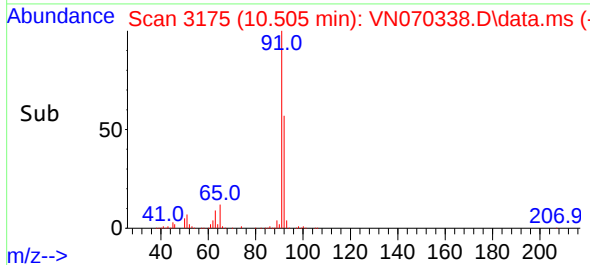
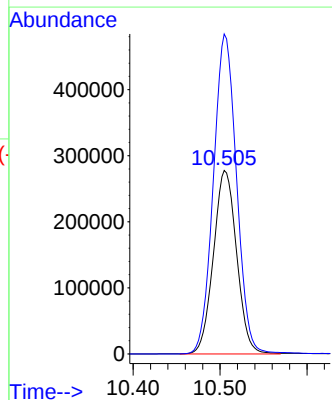
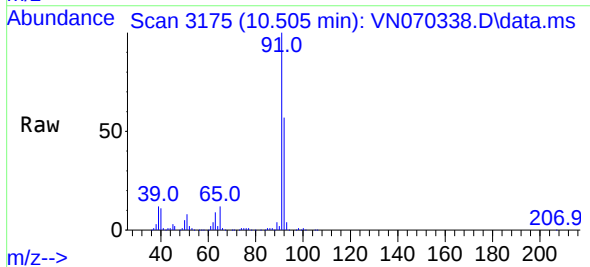
Manual Integrations
APPROVED

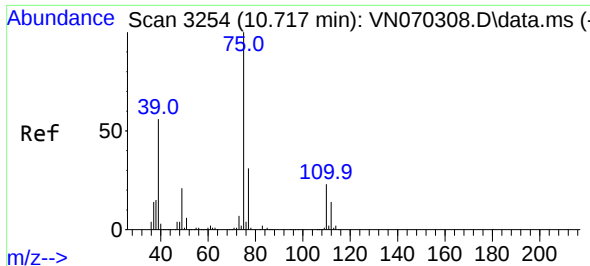
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#52
Toluene
Concen: 18.817 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

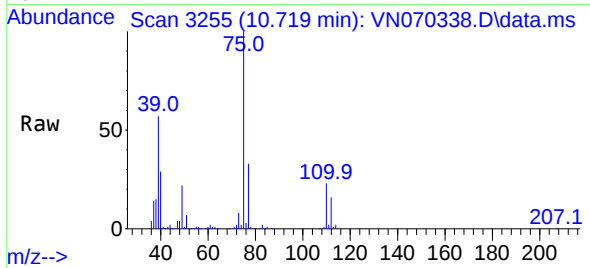
Tgt Ion: 92 Resp: 514951
Ion Ratio Lower Upper
92 100
91 174.5 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 20.690 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.002 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

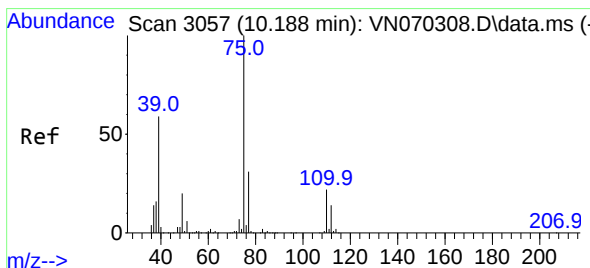
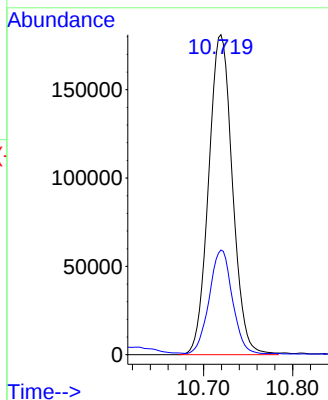
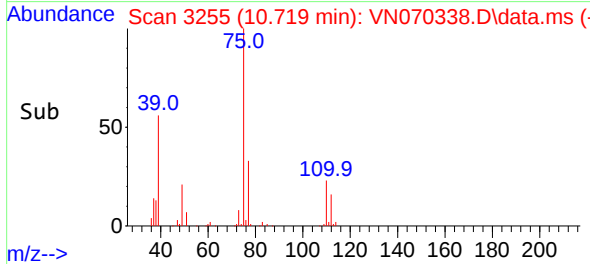
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



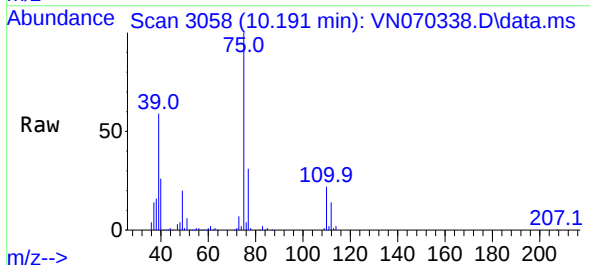
Tgt Ion: 75 Resp: 336650
Ion Ratio Lower Upper
75 100
77 32.3 25.6 38.4

Manual Integrations
APPROVED

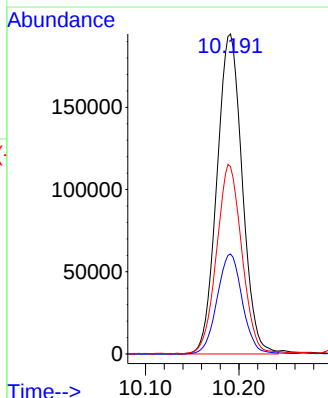
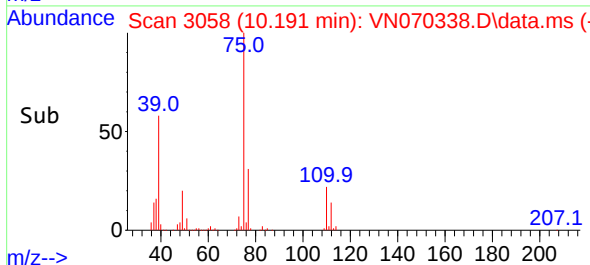
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

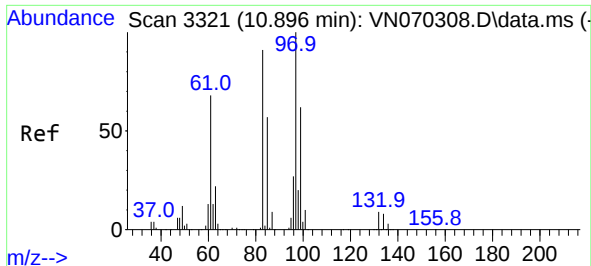


#54
cis-1,3-Dichloropropene
Concen: 20.849 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.003 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53



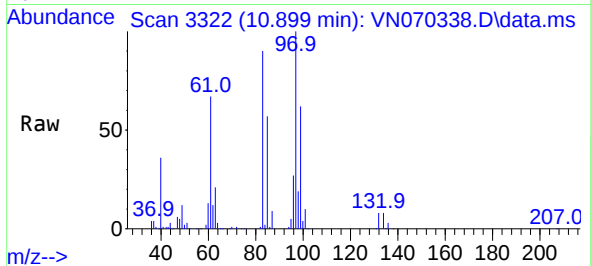
Tgt Ion: 75 Resp: 366969
Ion Ratio Lower Upper
75 100
77 31.2 26.4 39.6
39 58.3 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 21.661 ug/l
RT: 10.899 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

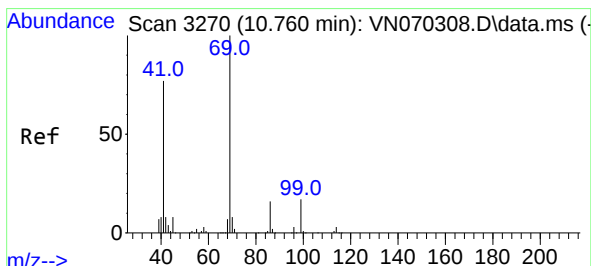
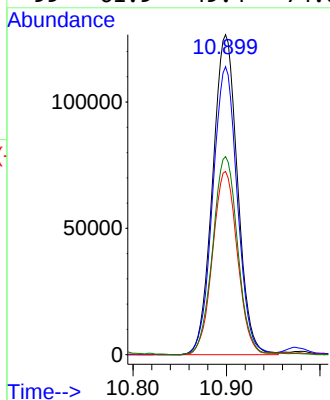
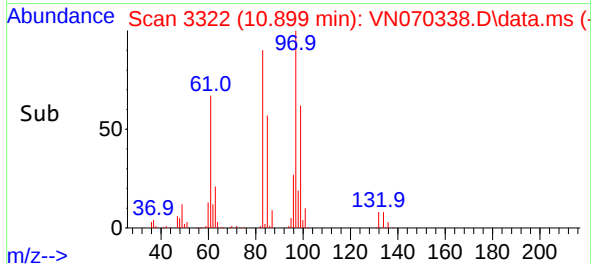
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



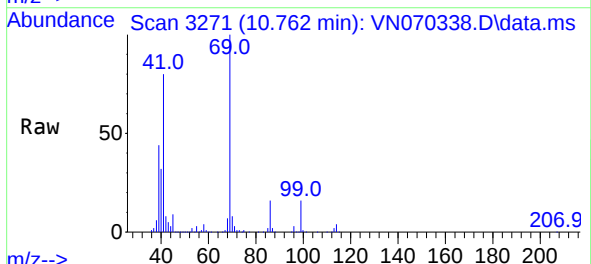
Tgt Ion: 97 Resp: 23454
Ion Ratio Lower Upper
97 100
83 90.0 67.8 101.6
85 57.2 45.4 68.2
99 61.9 49.4 74.0

Manual Integrations
APPROVED

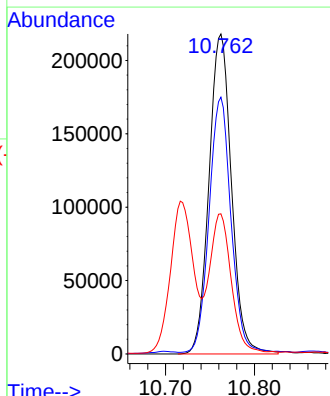
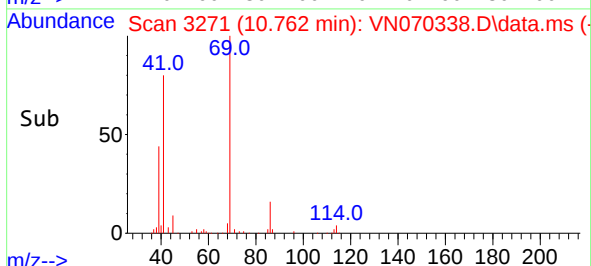
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

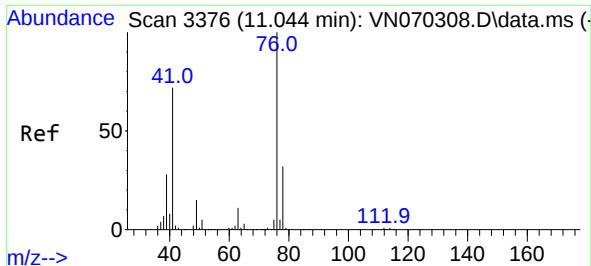


#56
Ethyl methacrylate
Concen: 21.367 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.002 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53



Tgt Ion: 69 Resp: 382286
Ion Ratio Lower Upper
69 100
41 77.4 51.4 77.0#
39 41.5 34.6 52.0





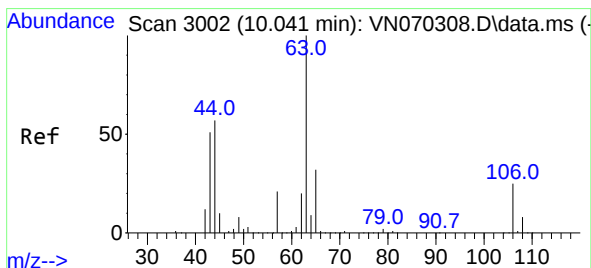
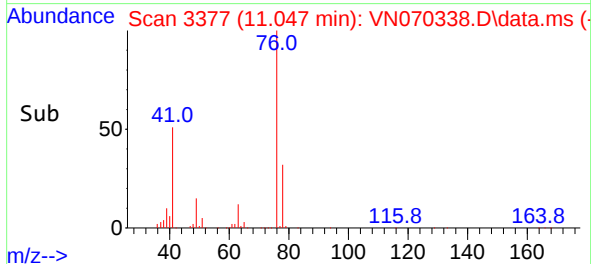
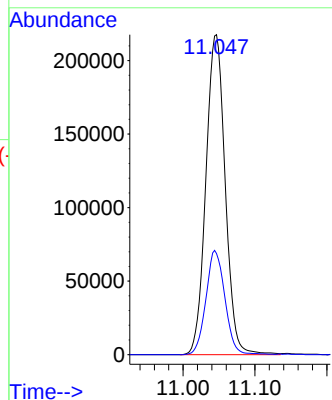
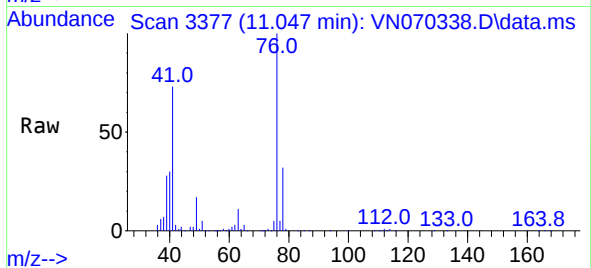
#57
1,3-Dichloropropane
Concen: 21.290 ug/l
RT: 11.047 min Scan# 31
Delta R.T. 0.002 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 40773
Ion Ratio Lower Upper
76 100
78 32.0 25.7 38.5

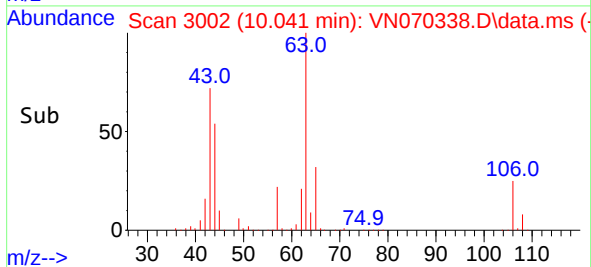
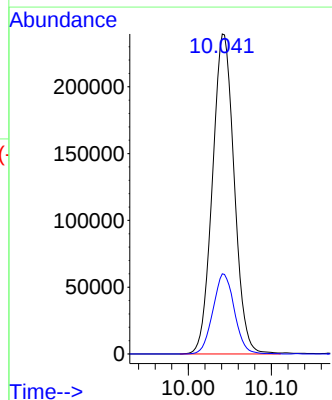
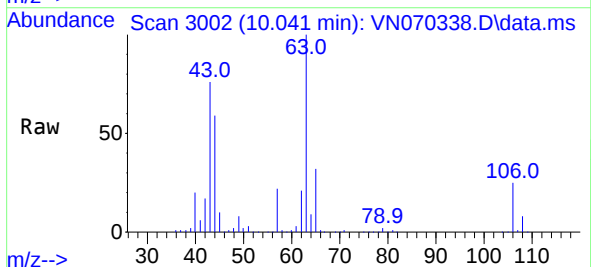
Manual Integrations
APPROVED

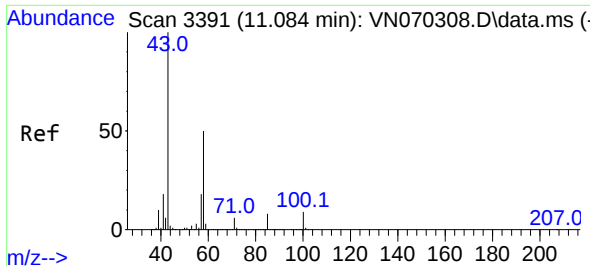
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#58
2-Chloroethyl Vinyl ether
Concen: 106.788 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.000 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

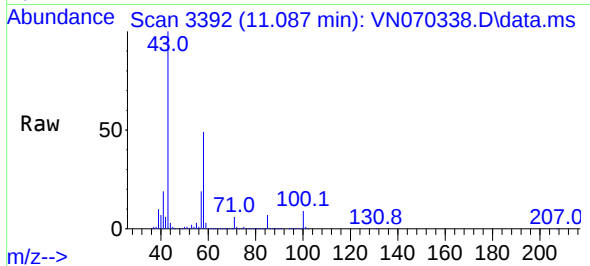
Tgt Ion: 63 Resp: 435679
Ion Ratio Lower Upper
63 100
106 24.7 23.9 35.9





#59
2-Hexanone
Concen: 118.827 ug/l
RT: 11.087 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

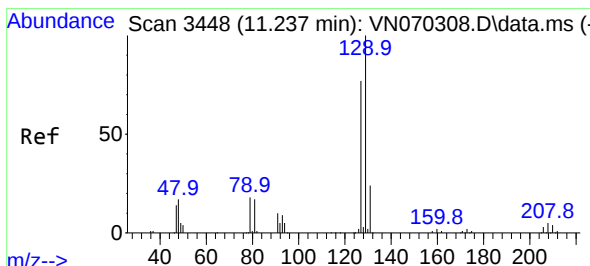
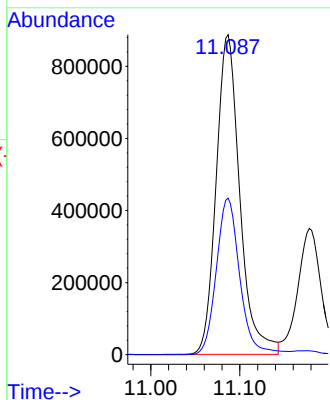
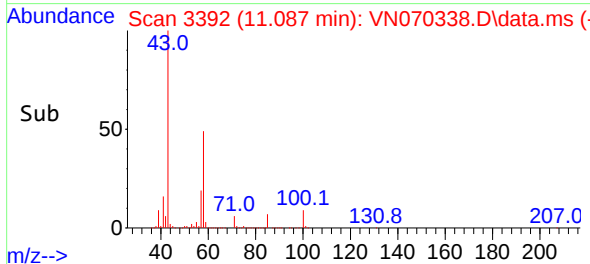
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1641040
Ion Ratio Lower Upper
43 100
58 48.6 26.9 80.7

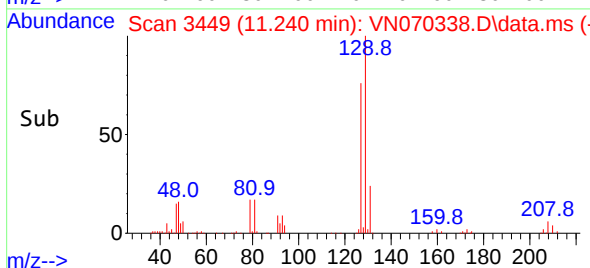
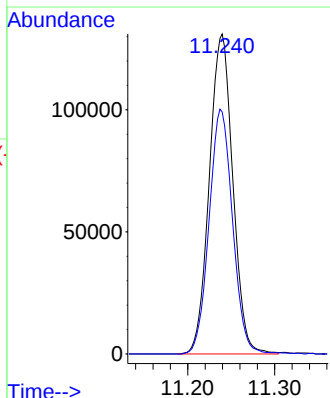
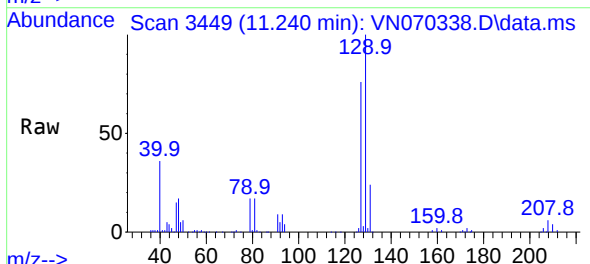
Manual Integrations
APPROVED

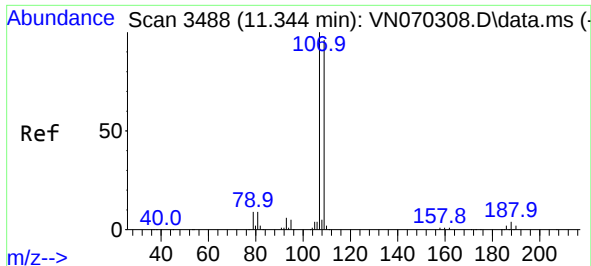
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#60
Dibromochloromethane
Concen: 23.276 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.003 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

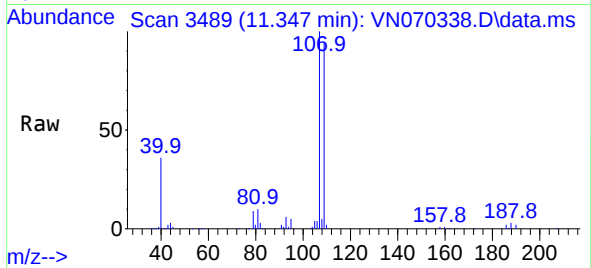
Tgt Ion:129 Resp: 245902
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 21.510 ug/l
RT: 11.347 min Scan# 3488
Delta R.T. 0.003 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

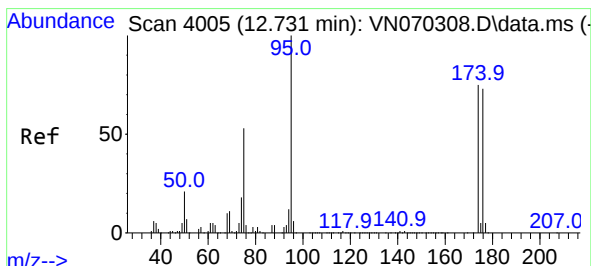
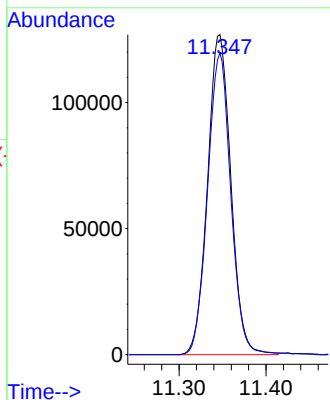
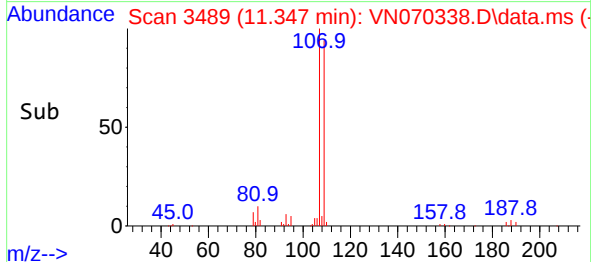
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



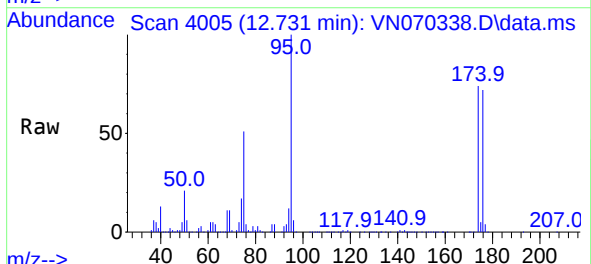
Tgt Ion:107 Resp: 236484
Ion Ratio Lower Upper
107 100
109 93.9 75.7 113.5

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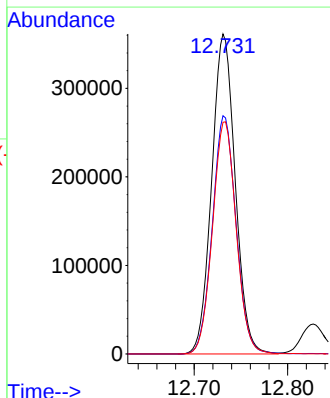
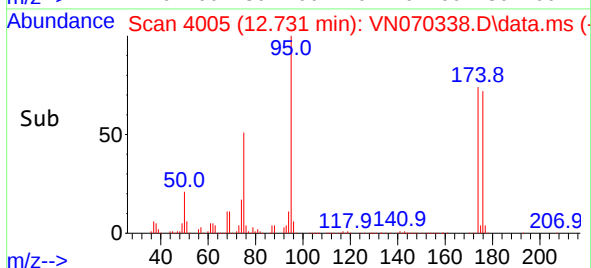
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

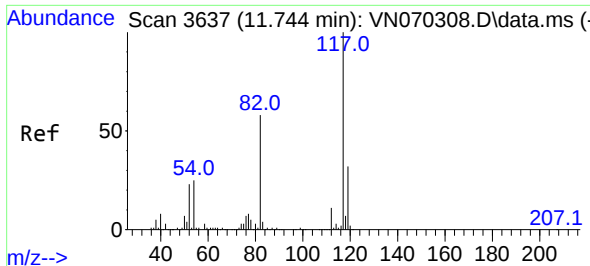


#62
4-Bromofluorobenzene
Concen: 48.077 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53



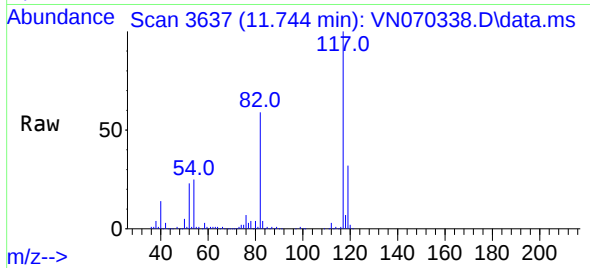
Tgt Ion: 95 Resp: 632371
Ion Ratio Lower Upper
95 100
174 75.2 0.0 187.2
176 73.2 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

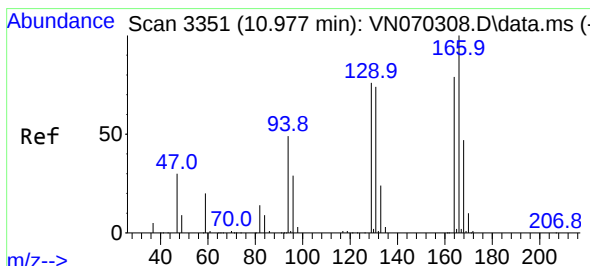
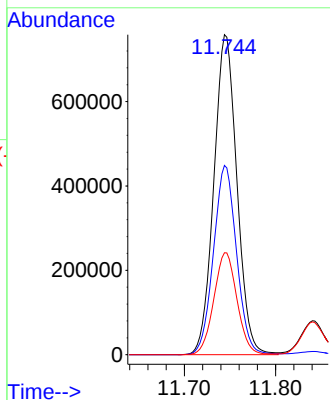
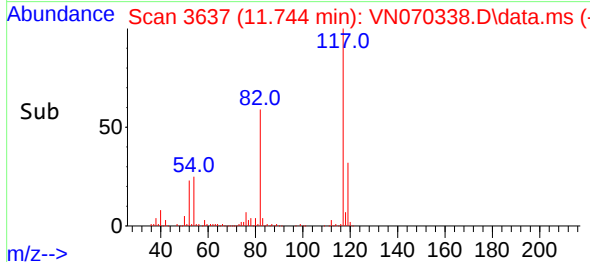
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



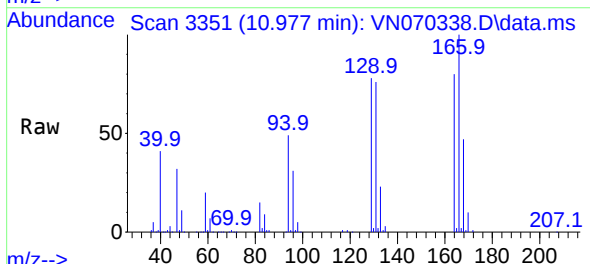
Tgt Ion:117 Resp: 1335000
Ion Ratio Lower Upper
117 100
82 59.1 42.4 63.6
119 31.8 25.4 38.2

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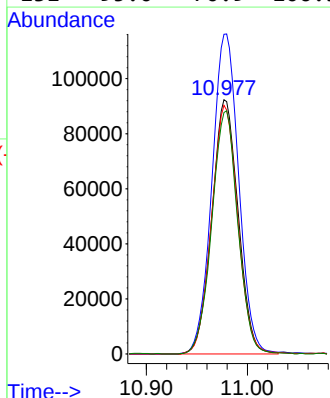
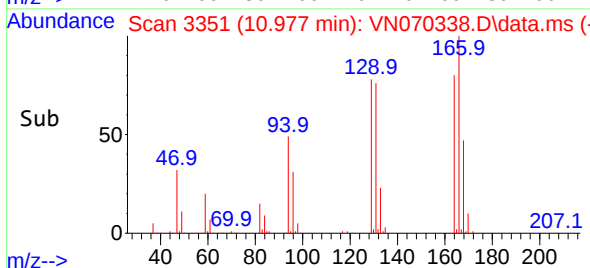
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

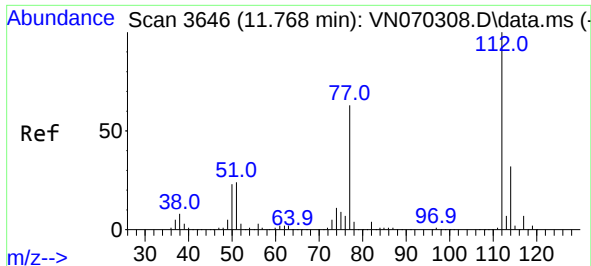


#64
Tetrachloroethene
Concen: 17.284 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53



Tgt Ion:164 Resp: 167091
Ion Ratio Lower Upper
164 100
166 125.8 101.9 152.9
129 97.8 72.0 108.0
131 95.0 70.9 106.3





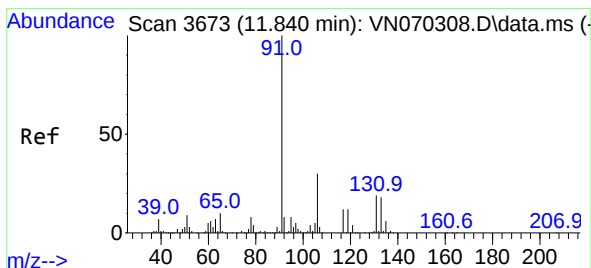
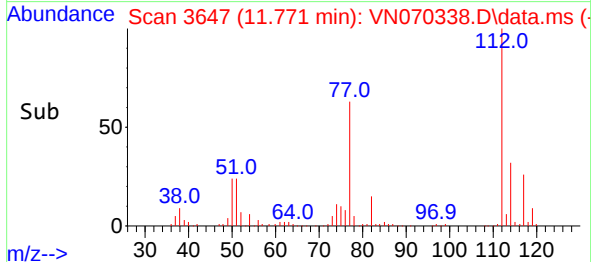
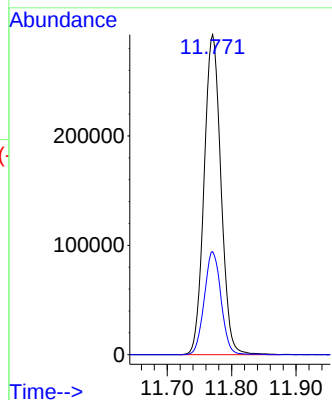
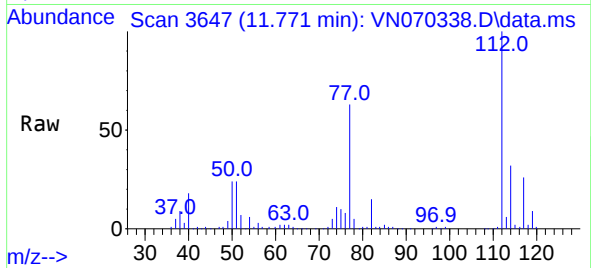
#65
Chlorobenzene
Concen: 18.781 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. 0.003 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 53198
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.0

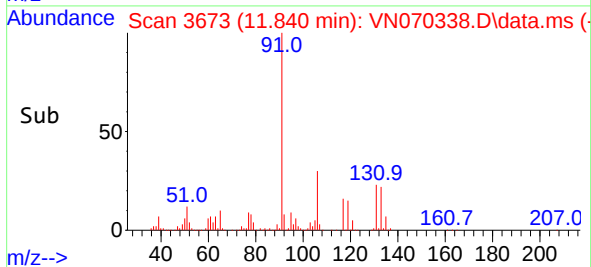
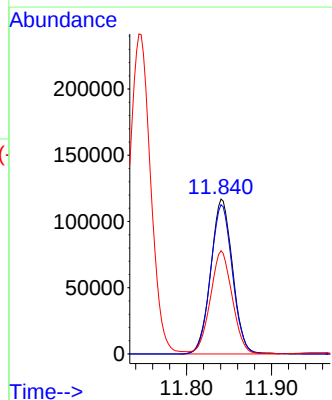
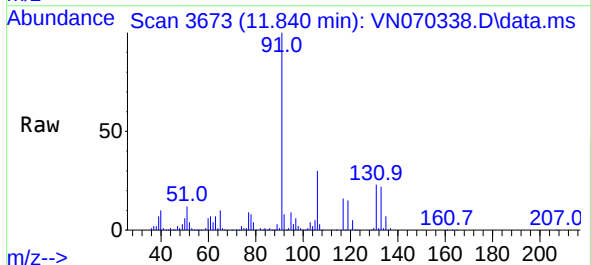
Manual Integrations
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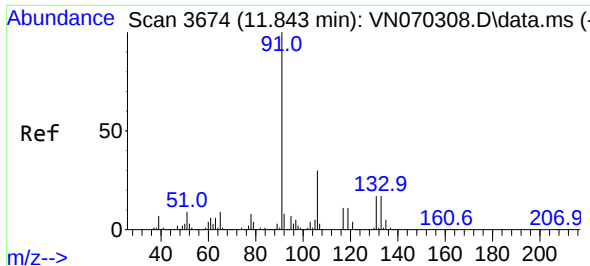
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 20.657 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. 0.000 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

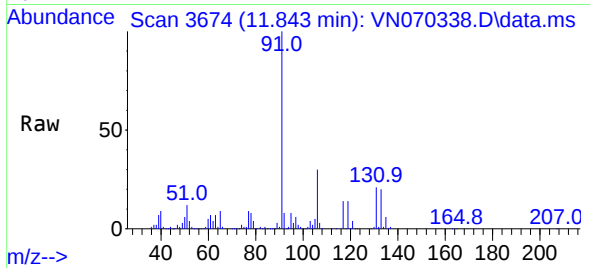
Tgt Ion:131 Resp: 208887
Ion Ratio Lower Upper
131 100
133 96.5 47.9 143.7
119 66.1 32.1 96.5





#67
Ethyl Benzene
Concen: 18.245 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

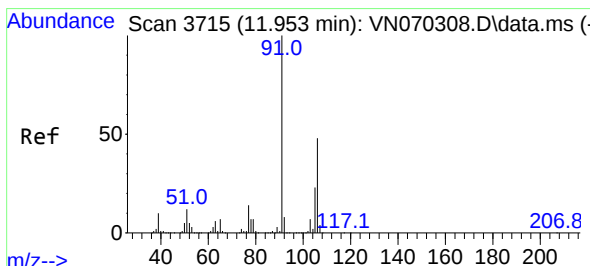
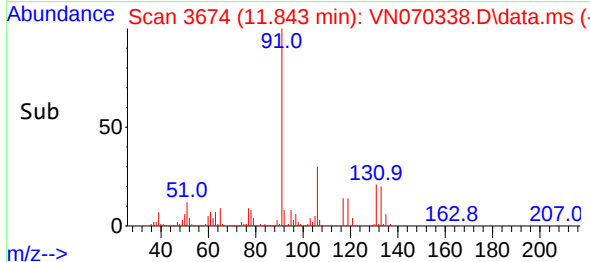
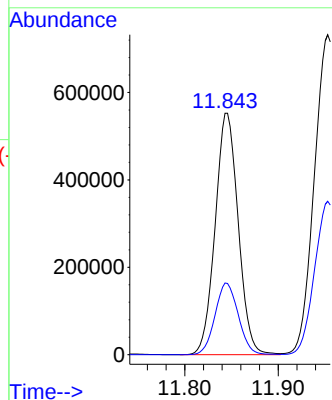
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 946920
Ion Ratio Lower Upper
91 100
106 29.7 25.7 38.5

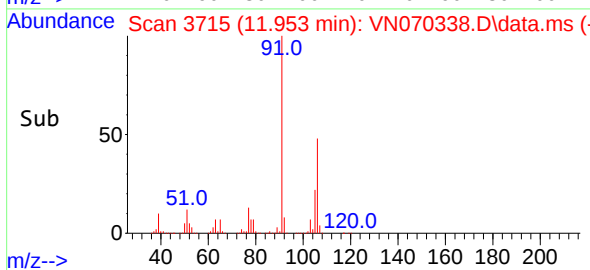
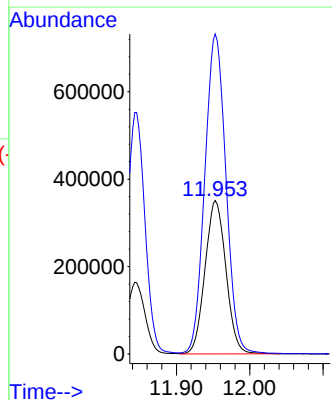
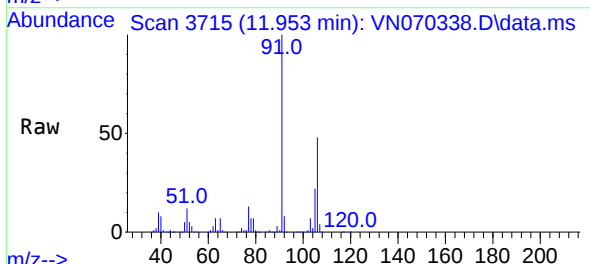
Manual Integrations
APPROVED

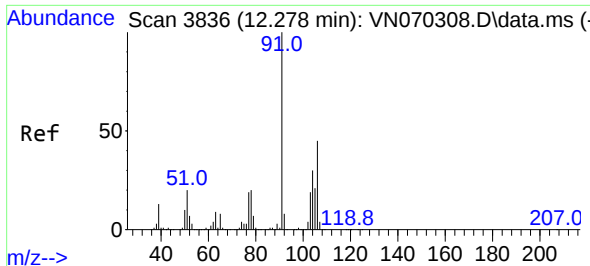
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#68
m/p-Xylenes
Concen: 36.776 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

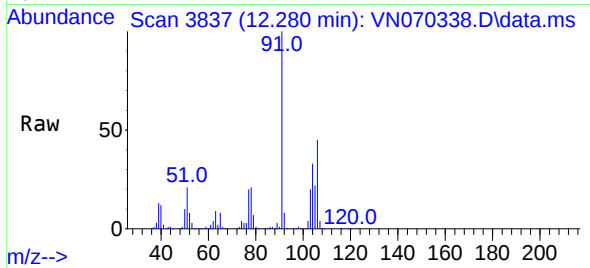
Tgt Ion:106 Resp: 694758
Ion Ratio Lower Upper
106 100
91 211.1 160.6 240.8





#69
o-Xylene
Concen: 18.458 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

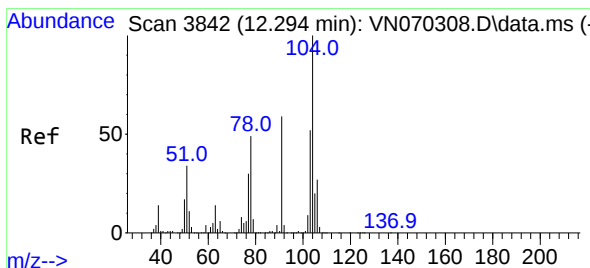
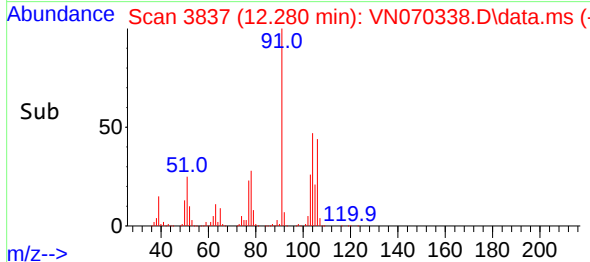
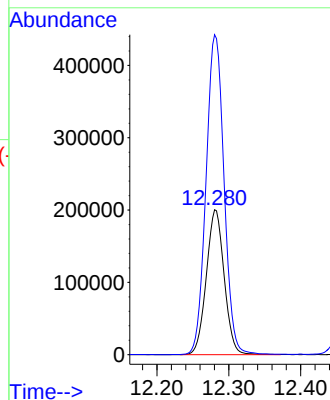
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 346845
Ion Ratio Lower Upper
106 100
91 223.1 105.8 317.3

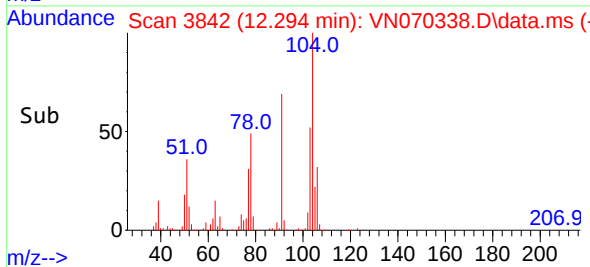
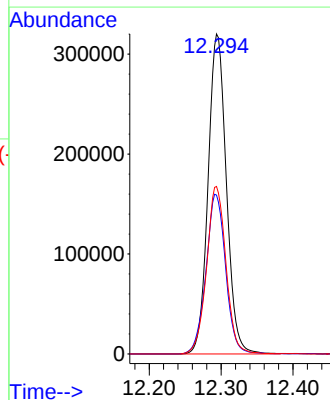
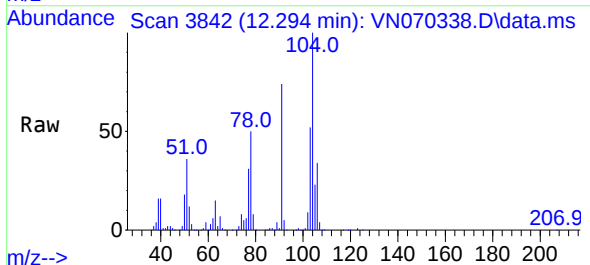
Manual Integrations
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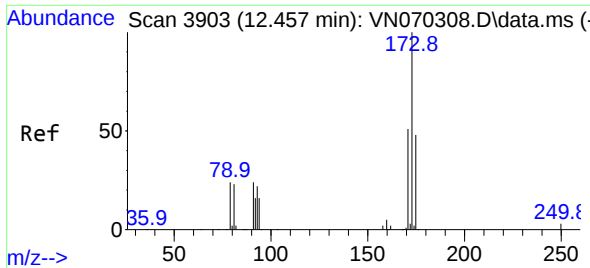
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#70
Styrene
Concen: 19.079 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

Tgt Ion:104 Resp: 567425
Ion Ratio Lower Upper
104 100
78 53.7 38.7 58.1
103 55.5 45.0 67.6





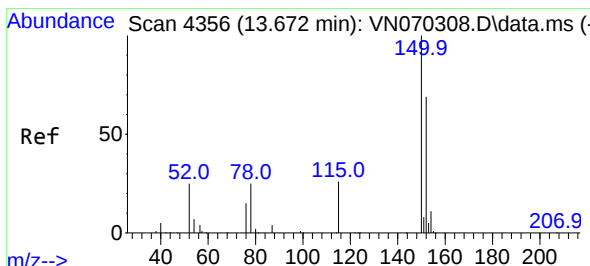
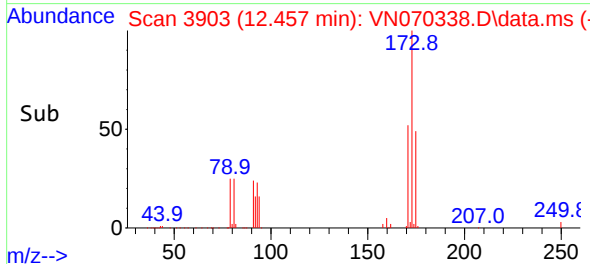
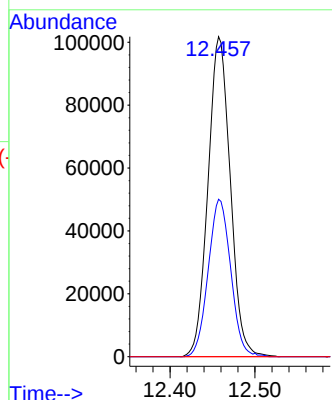
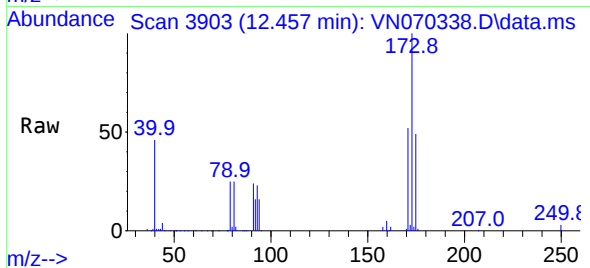
#71
Bromoform
Concen: 24.699 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. 0.000 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 18536
Ion Ratio Lower Upper
173 100
175 49.7 24.2 72.6
254 0.0 0.0 0.0

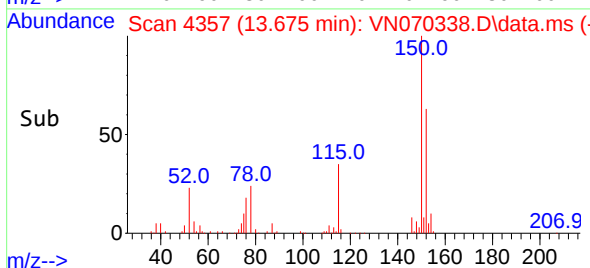
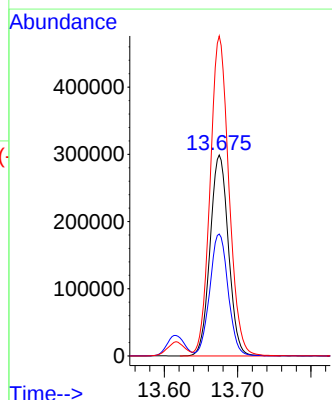
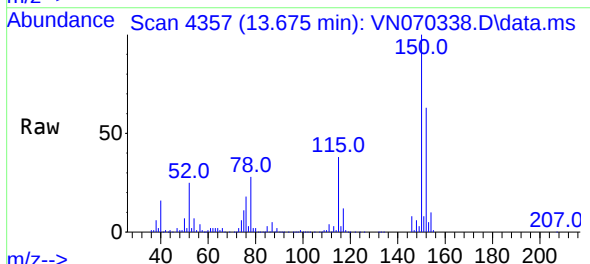
Manual Integrations
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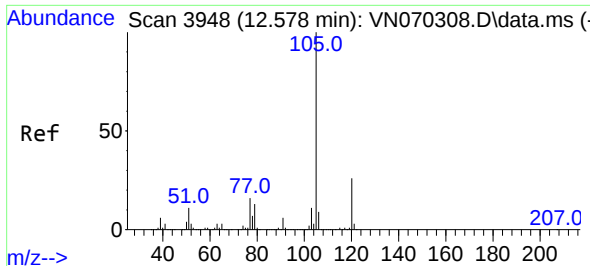
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

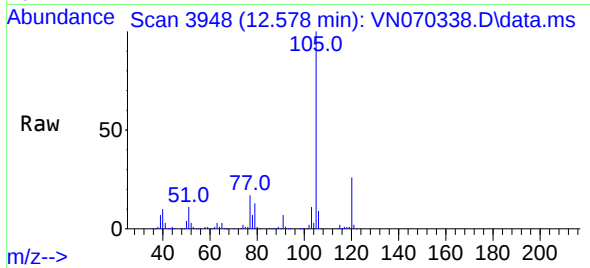
Tgt Ion:152 Resp: 520701
Ion Ratio Lower Upper
152 100
115 60.7 27.5 82.5
150 162.9 0.0 344.4





#73
Isopropylbenzene
Concen: 18.048 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

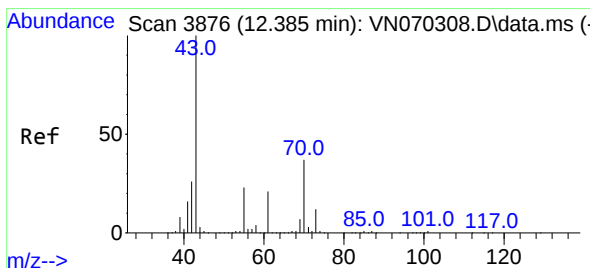
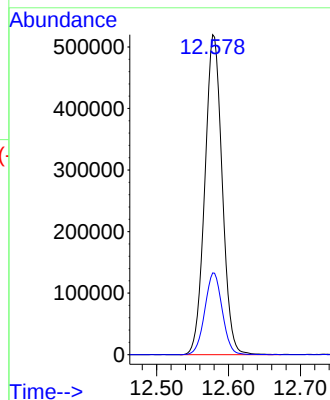
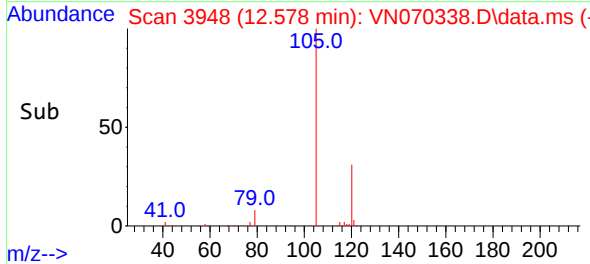
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



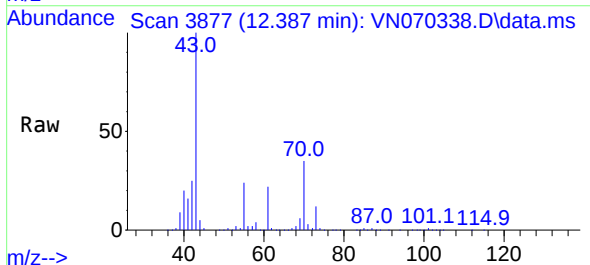
Tgt Ion:105 Resp: 872698
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

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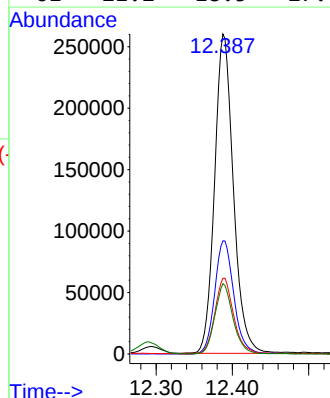
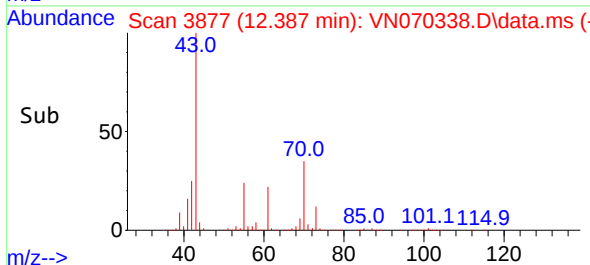
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

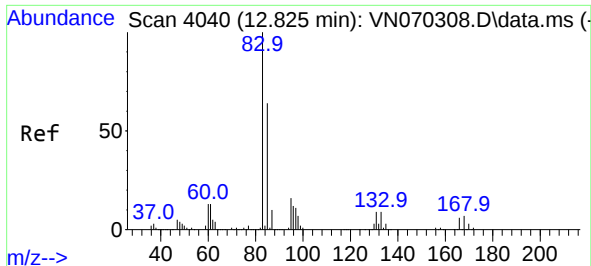


#74
N-ethyl acetate
Concen: 21.859 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.002 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53



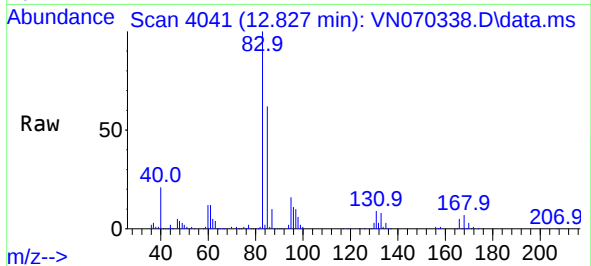
Tgt Ion: 43 Resp: 444420
Ion Ratio Lower Upper
43 100
70 36.0 33.4 50.0
55 23.7 19.3 28.9
61 21.2 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 22.495 ug/l
RT: 12.827 min Scan# 4040
Delta R.T. 0.002 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

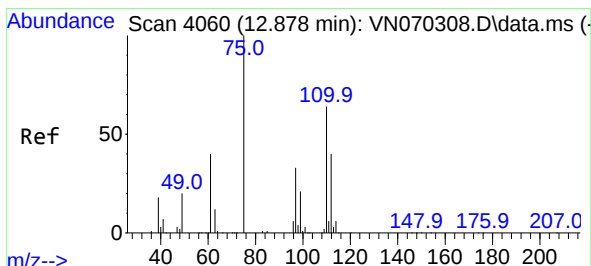
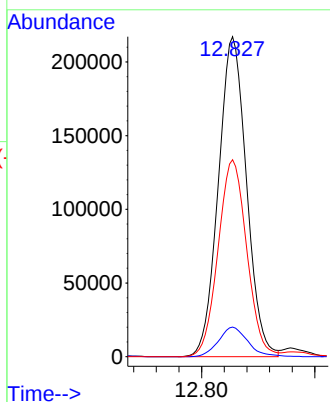
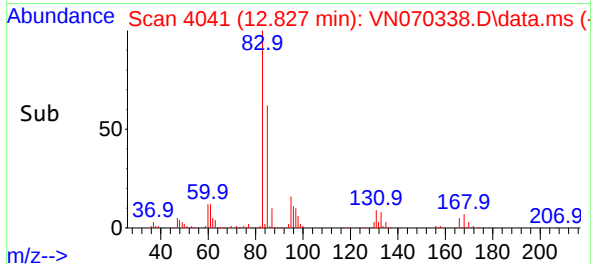
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



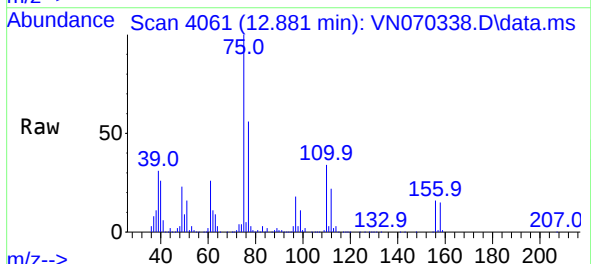
Tgt Ion: 83 Resp: 373950
Ion Ratio Lower Upper
83 100
131 9.6 5.5 16.5
85 62.7 32.4 97.2

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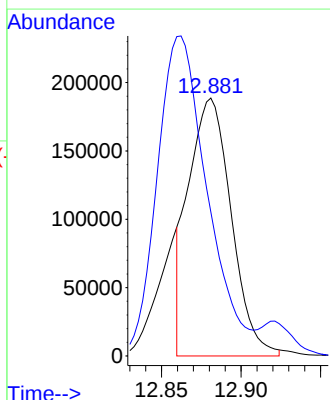
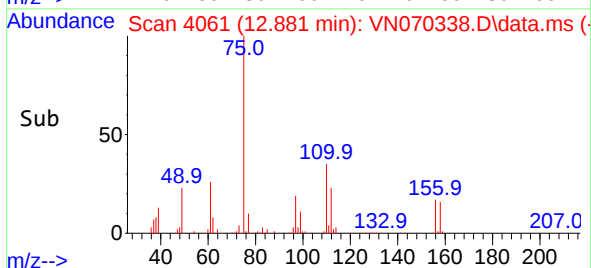
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

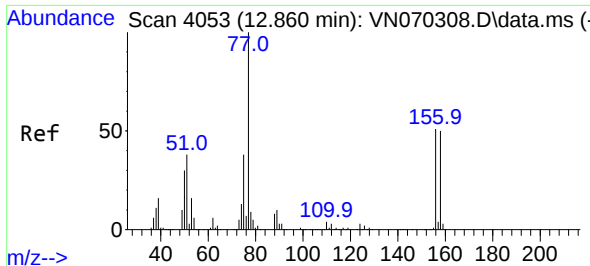


#76
1,2,3-Trichloropropane
Concen: 24.331 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.003 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53



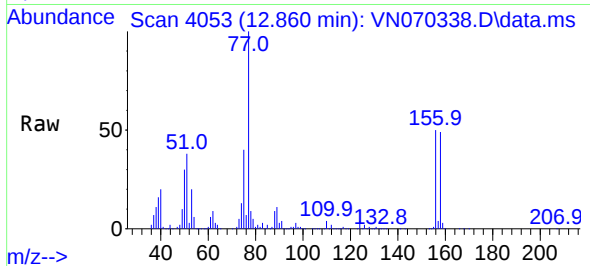
Tgt Ion: 75 Resp: 352187
Ion Ratio Lower Upper
75 100
77 145.4 82.6 247.8





#77
Bromobenzene
Concen: 19.272 ug/l
RT: 12.860 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

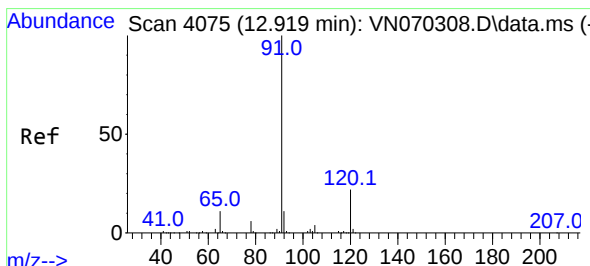
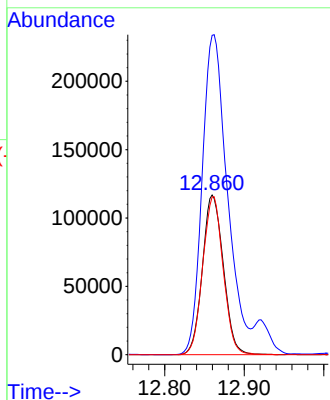
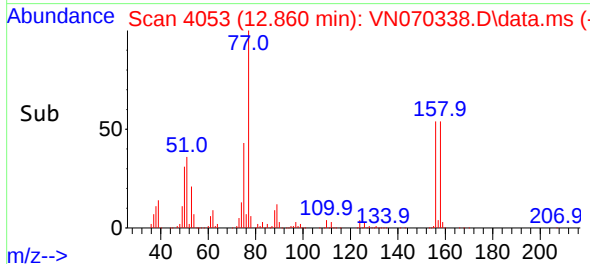
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



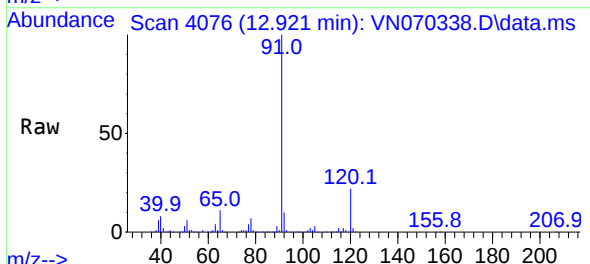
Tgt Ion:156 Resp: 213948
Ion Ratio Lower Upper
156 100
77 239.4 90.6 271.8
158 96.8 48.9 146.7

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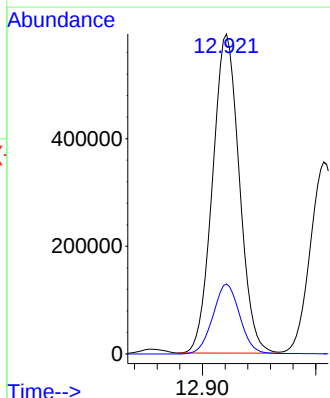
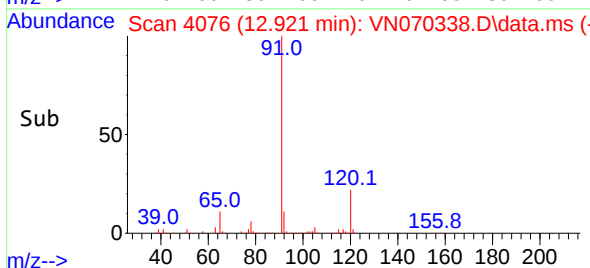
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

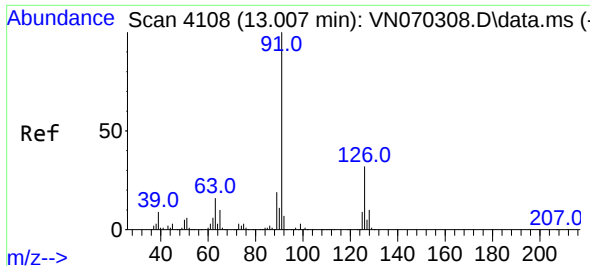


#78
n-propylbenzene
Concen: 18.151 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.002 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53



Tgt Ion: 91 Resp: 972434
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.9





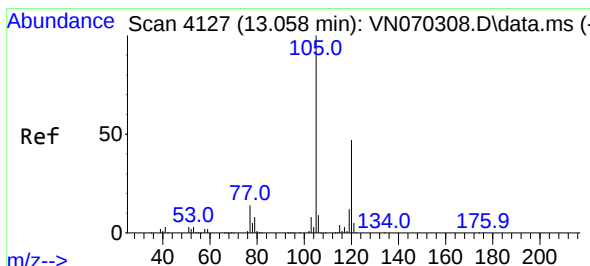
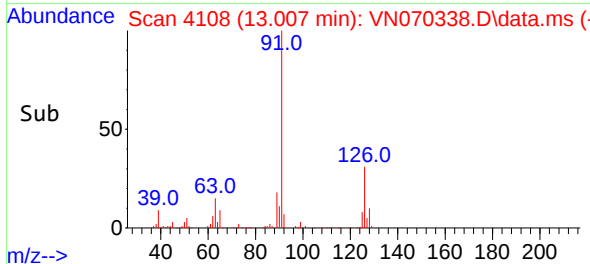
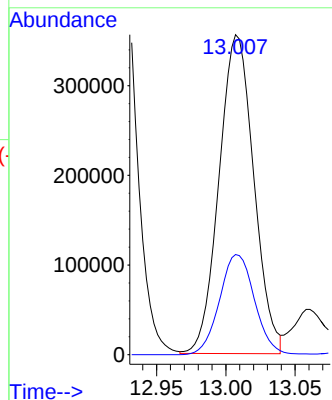
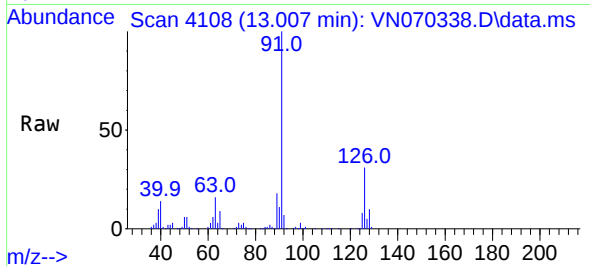
#79
2-Chlorotoluene
Concen: 18.056 ug/l
RT: 13.007 min Scan# 4108
Delta R.T. 0.000 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 620679
Ion Ratio Lower Upper
91 100
126 31.7 18.3 54.8

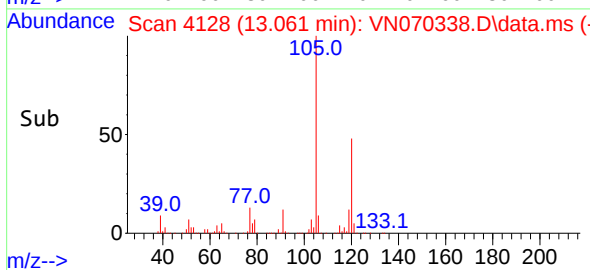
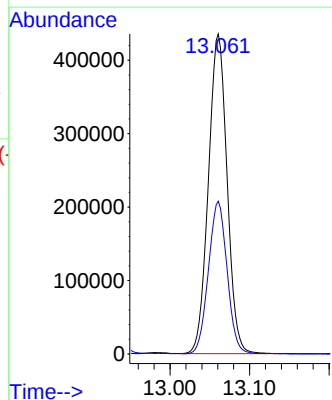
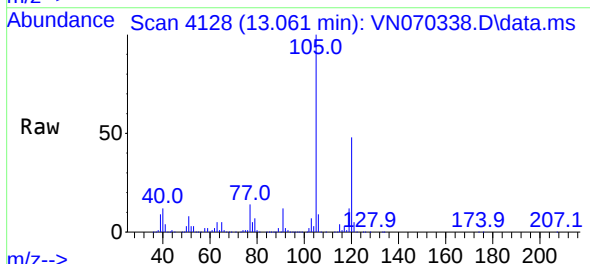
Manual Integrations
APPROVED

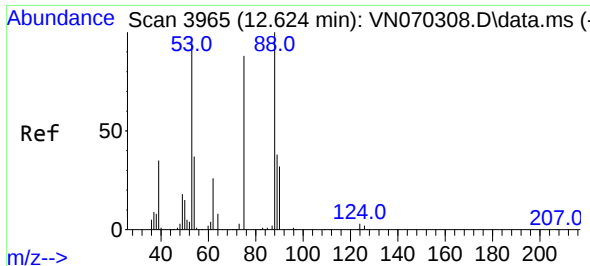
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#80
1,3,5-Trimethylbenzene
Concen: 18.347 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.003 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

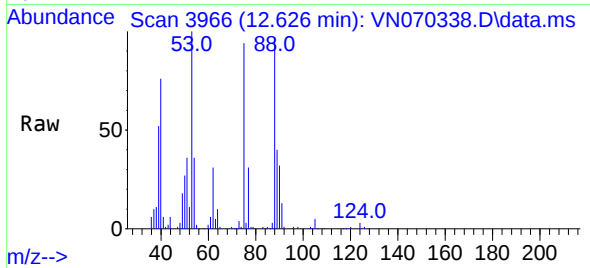
Tgt Ion:105 Resp: 710922
Ion Ratio Lower Upper
105 100
120 47.6 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 24.081 ug/l
RT: 12.626 min Scan# 3965
Delta R.T. 0.002 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

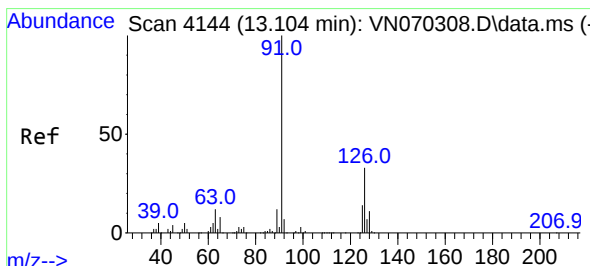
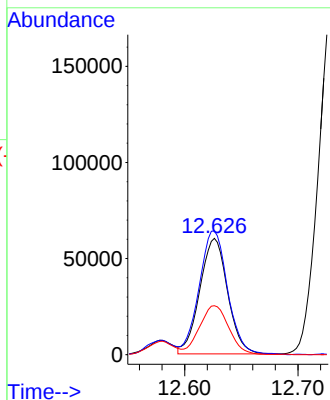
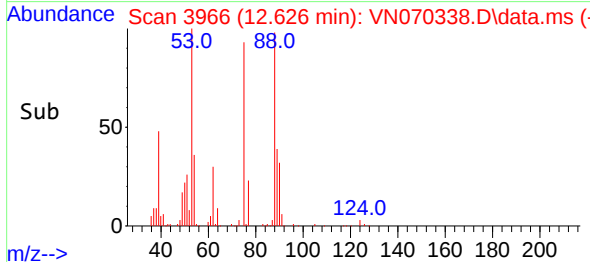
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



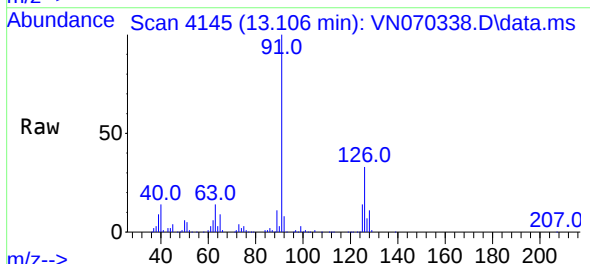
Tgt Ion: 75 Resp: 10263
Ion Ratio Lower Upper
75 100
53 110.5 90.5 135.7
89 44.4 38.2 57.4

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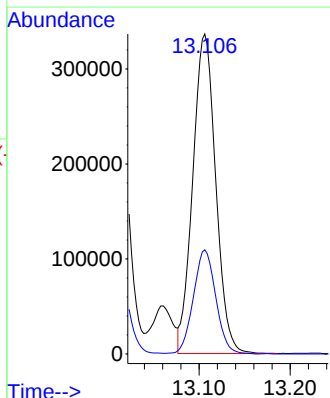
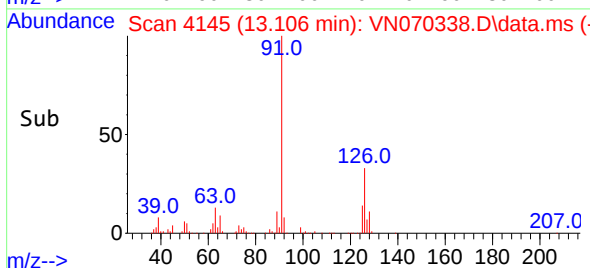
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

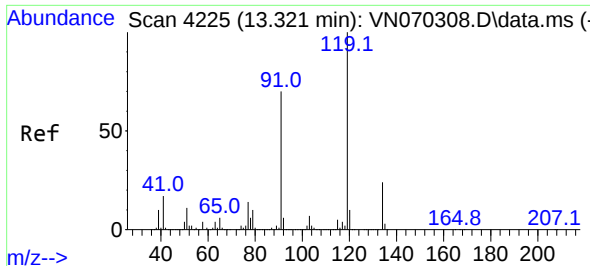


#82
4-Chlorotoluene
Concen: 18.249 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.002 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53



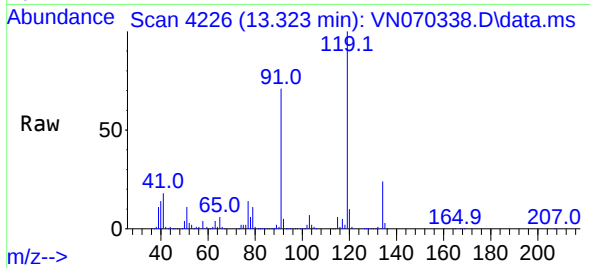
Tgt Ion: 91 Resp: 587615
Ion Ratio Lower Upper
91 100
126 31.9 18.2 54.6





#83
tert-Butylbenzene
Concen: 17.423 ug/l
RT: 13.323 min Scan# 41
Delta R.T. 0.002 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

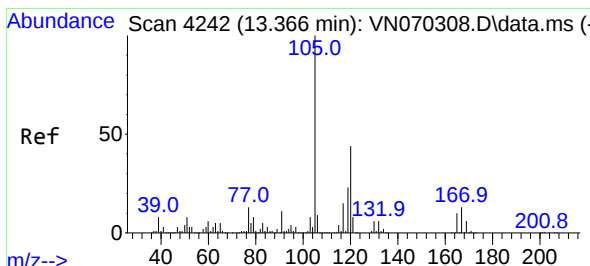
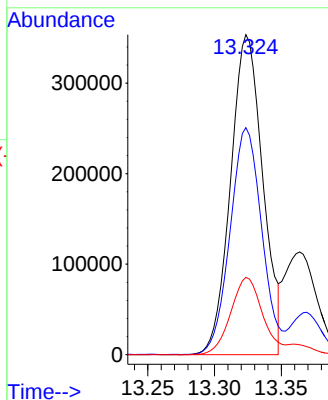
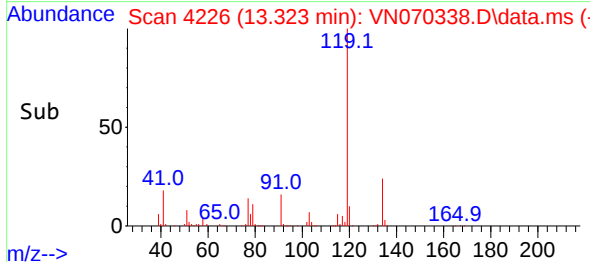
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



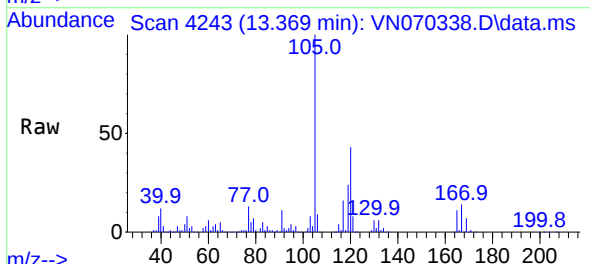
Tgt Ion:119 Resp: 594480
Ion Ratio Lower Upper
119 100
91 70.4 31.5 94.5
134 24.0 12.4 37.4

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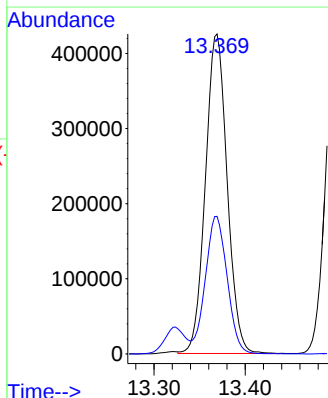
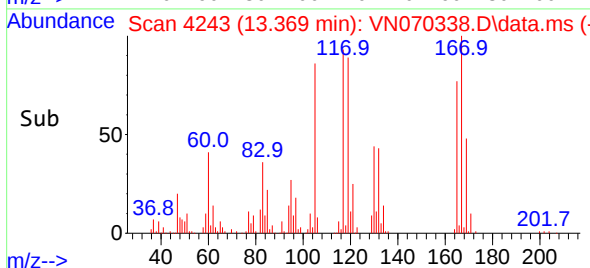
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

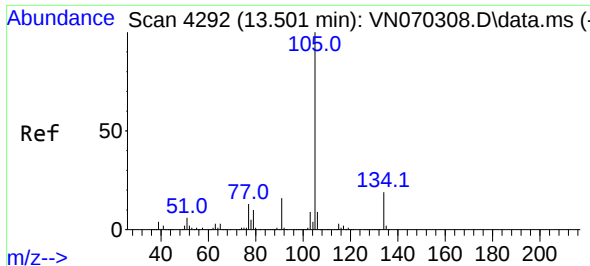


#84
1,2,4-Trimethylbenzene
Concen: 18.877 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.003 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53



Tgt Ion:105 Resp: 704364
Ion Ratio Lower Upper
105 100
120 43.3 22.8 68.4





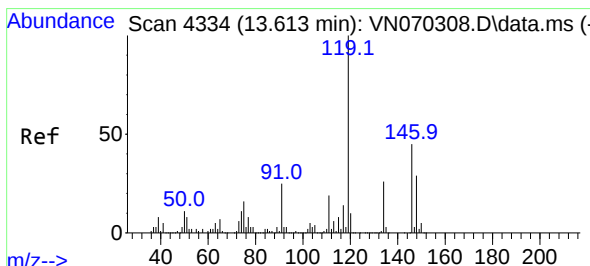
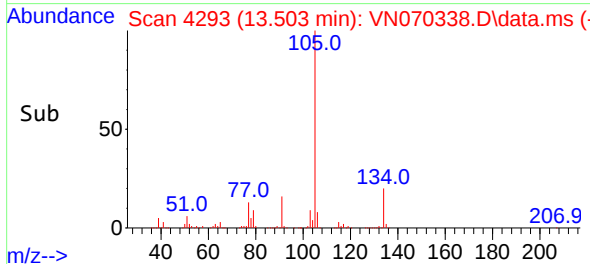
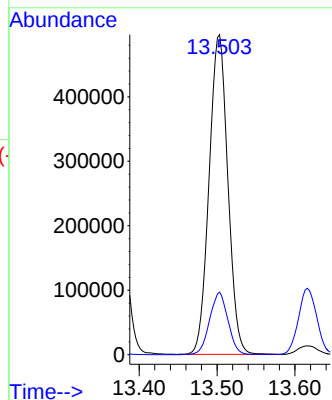
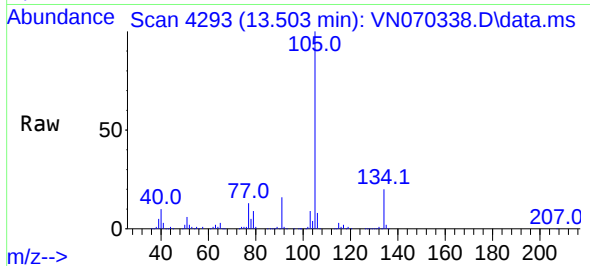
#85
 sec-Butylbenzene
 Concen: 17.936 ug/l
 RT: 13.503 min Scan# 41
 Delta R.T. 0.002 min
 Lab File: VN070338.D
 Acq: 28 Dec 2021 20:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 83088
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.4 31.1

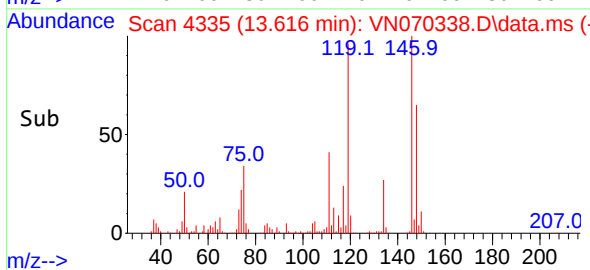
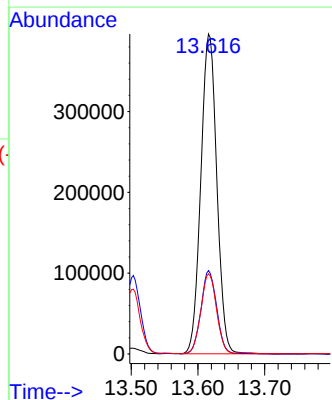
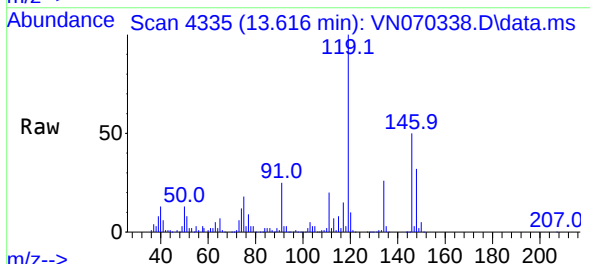
Manual Integrations
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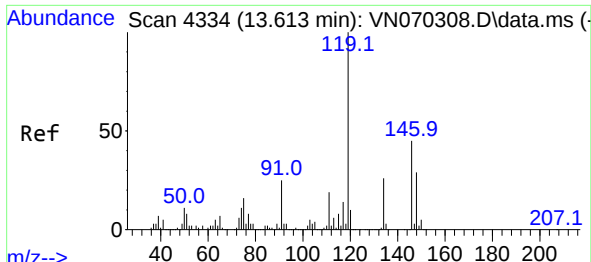
Reviewed By :John Carlone 12/29/2021
 Supervised By :Mahesh Dadoda 12/30/2021



#86
 p-Isopropyltoluene
 Concen: 18.109 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.003 min
 Lab File: VN070338.D
 Acq: 28 Dec 2021 20:53

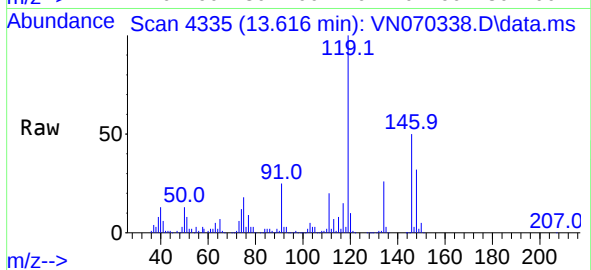
Tgt Ion:119 Resp: 658966
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.6 40.7
 91 24.4 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 18.561 ug/l
RT: 13.616 min Scan# 4334
Delta R.T. 0.003 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

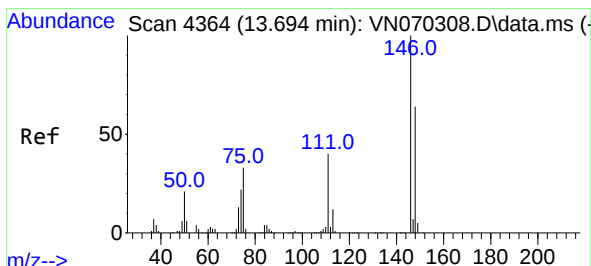
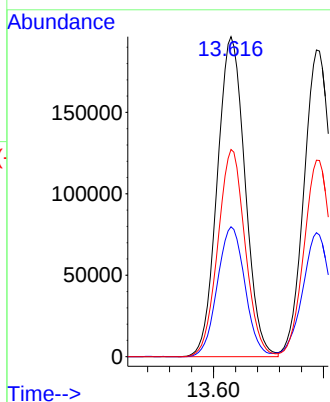
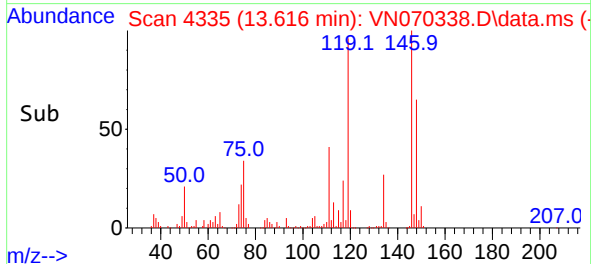
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



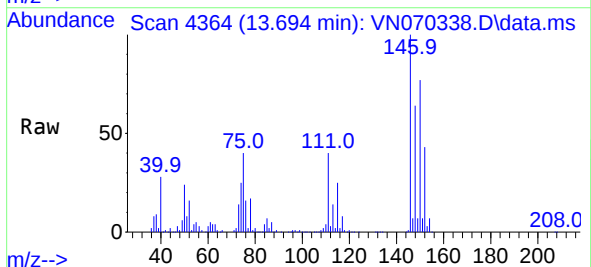
Tgt Ion:146 Resp: 34493
Ion Ratio Lower Upper
146 100
111 40.4 18.6 55.6
148 63.7 31.6 95.0

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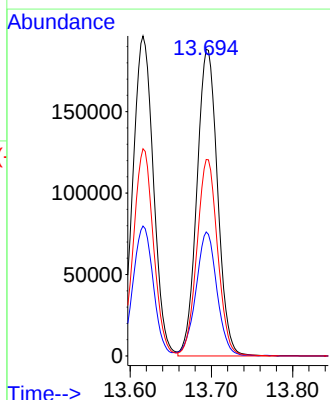
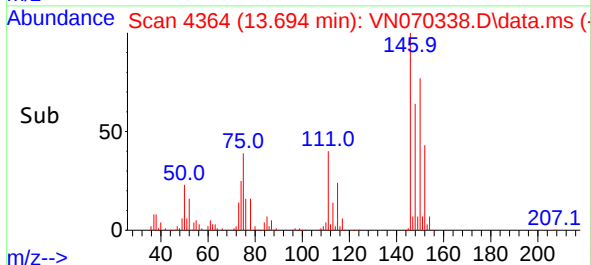
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021

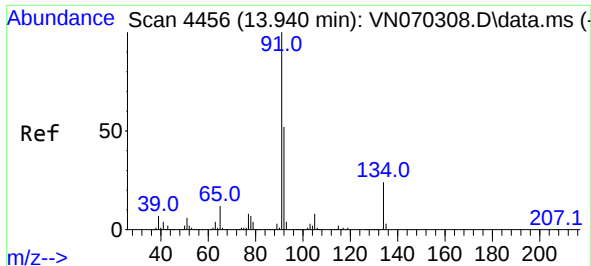


#88
1,4-Dichlorobenzene
Concen: 18.143 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.000 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53



Tgt Ion:146 Resp: 332600
Ion Ratio Lower Upper
146 100
111 40.6 18.3 54.8
148 64.5 31.8 95.4





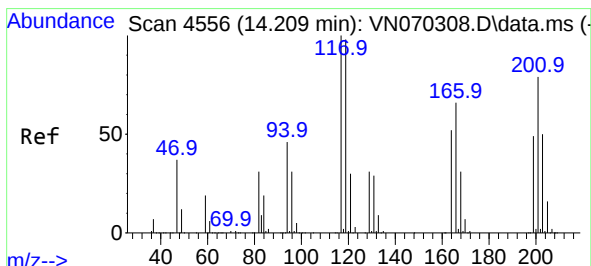
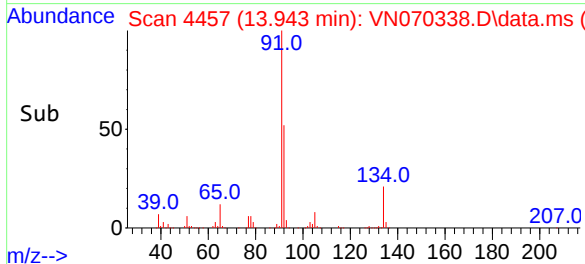
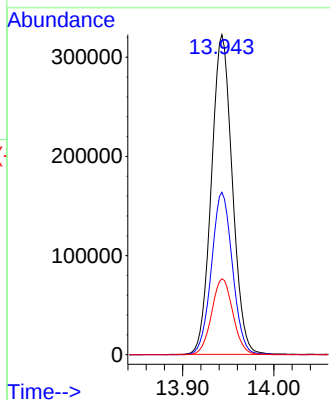
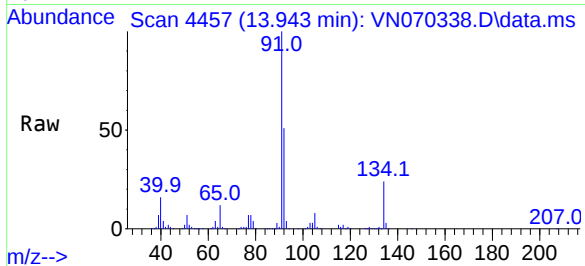
#89
n-Butylbenzene
Concen: 16.928 ug/l
RT: 13.943 min Scan# 4456
Delta R.T. 0.003 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 51378
Ion Ratio Lower Upper
91 100
92 51.2 25.4 76.0
134 24.2 13.6 40.8

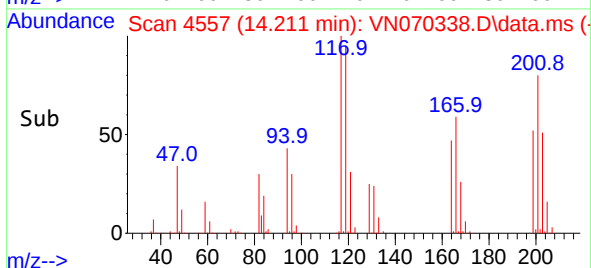
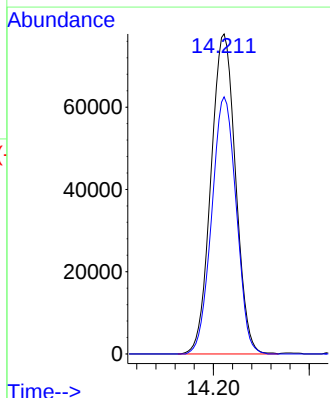
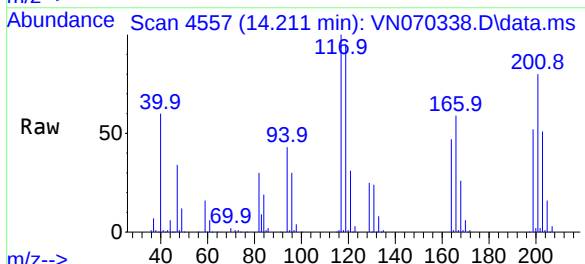
Manual Integrations
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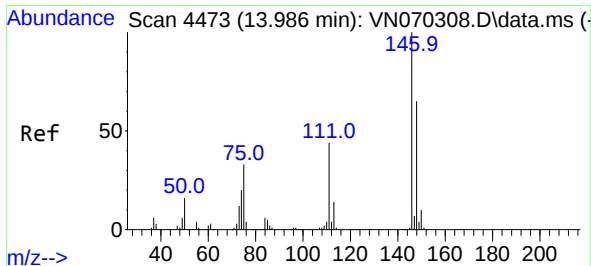
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#90
Hexachloroethane
Concen: 21.941 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.002 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

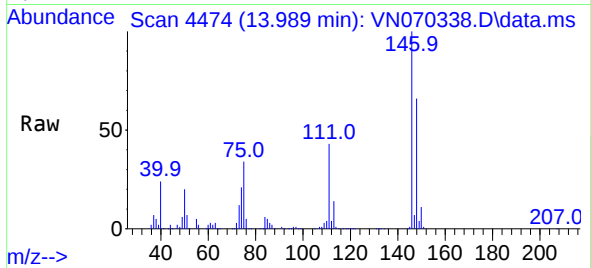
Tgt Ion:117 Resp: 138700
Ion Ratio Lower Upper
117 100
201 79.9 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 18.792 ug/l
RT: 13.989 min Scan# 4473
Delta R.T. 0.003 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

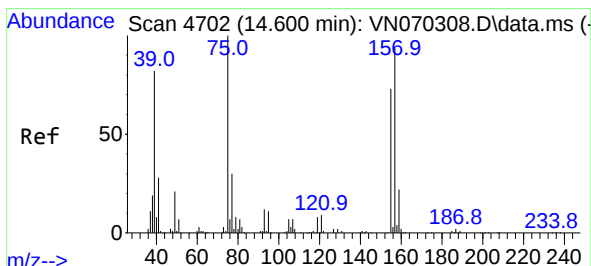
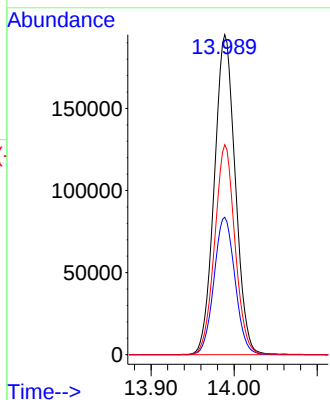
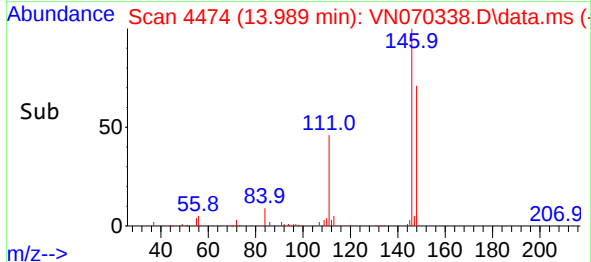
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 34236
Ion Ratio Lower Upper
146 100
111 43.1 19.1 57.3
148 63.8 32.1 96.3

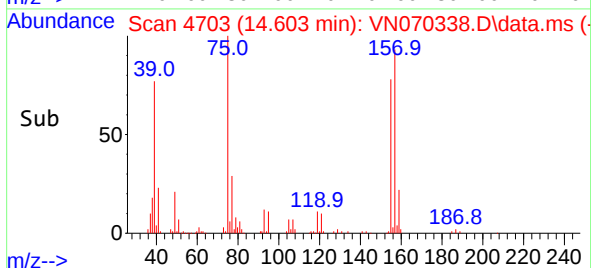
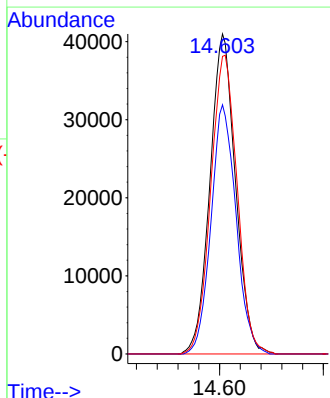
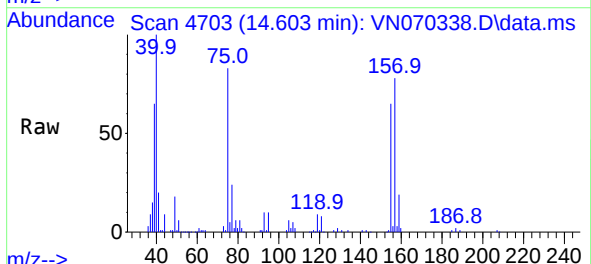
Manual Integrations
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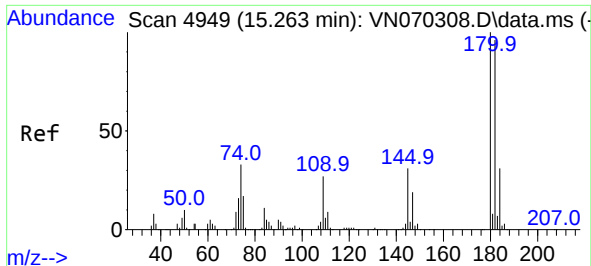
Reviewed By :John Carlone 12/29/2021
Supervised By :Mahesh Dadoda 12/30/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 24.966 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.003 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

Tgt Ion: 75 Resp: 69935
Ion Ratio Lower Upper
75 100
155 76.3 46.9 140.7
157 96.4 60.6 181.7





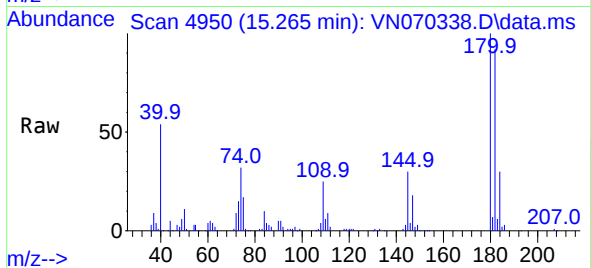
#93
1,2,4-Trichlorobenzene
Concen: 18.267 ug/l
RT: 15.265 min Scan# 4949
Delta R.T. 0.002 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

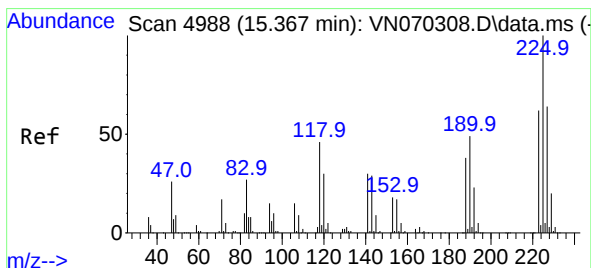
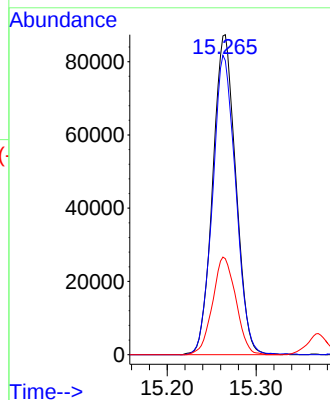
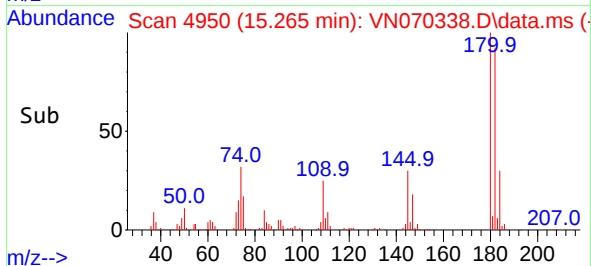


Tgt Ion:180 Resp: 156810
Ion Ratio Lower Upper
180 100
182 94.1 48.3 144.9
145 30.9 14.5 43.5

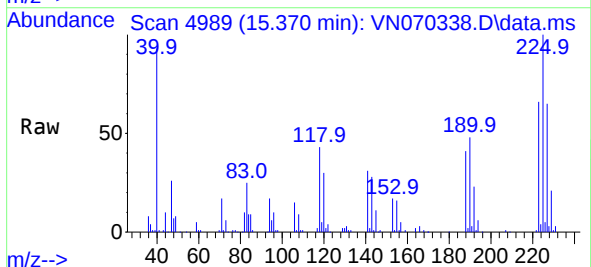
Manual Integrations

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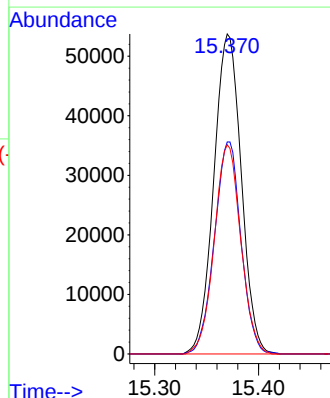
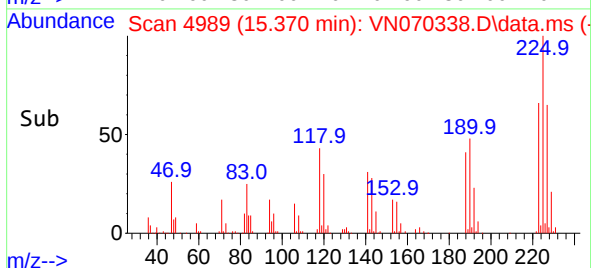
Reviewed By :John Carlone 12/29/2021
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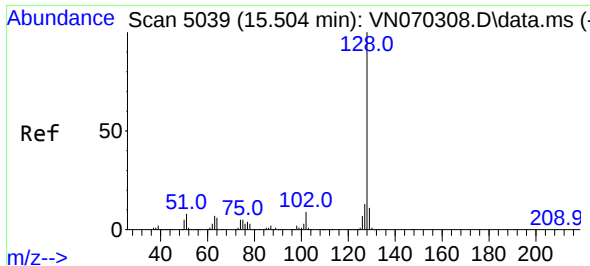


#94
Hexachlorobutadiene
Concen: 19.778 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.003 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53



Tgt Ion:225 Resp: 98674
Ion Ratio Lower Upper
225 100
223 64.2 31.9 95.7
227 63.3 32.1 96.3





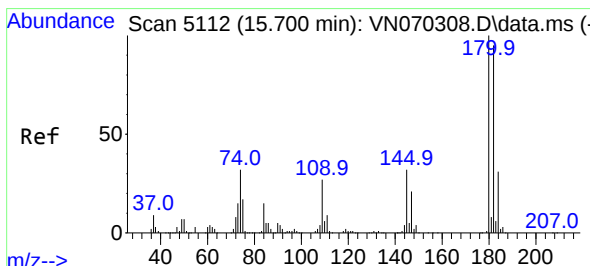
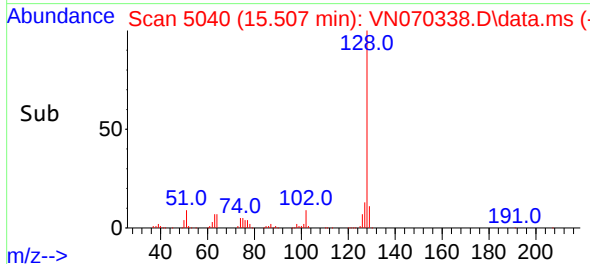
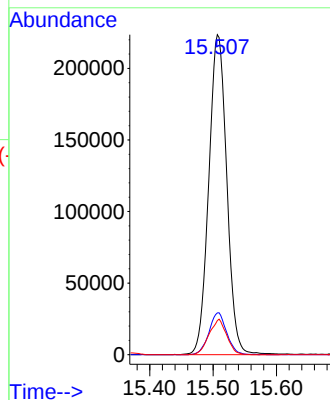
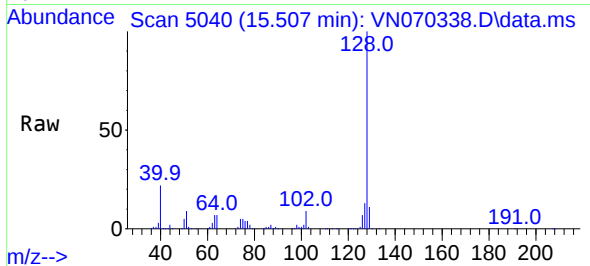
#95
Naphthalene
Concen: 19.752 ug/l
RT: 15.507 min Scan# 5039
Delta R.T. 0.003 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 441868
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
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Supervised By :Mahesh Dadoda 12/30/2021



#96
1,2,3-Trichlorobenzene
Concen: 19.697 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN070338.D
Acq: 28 Dec 2021 20:53

Tgt Ion:180 Resp: 157556
Ion Ratio Lower Upper
180 100
182 96.0 47.4 142.2
145 31.8 15.0 45.1

