

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070060.D
 Acq On : 14 Dec 2021 4:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/14/2021
 Supervised By : Amit Patel 12/15/2021

Quant Time: Dec 14 07:32:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	924844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1551621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1455359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	618592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	693015	48.532	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.060%		
35) Dibromofluoromethane	8.021	113	471097	48.472	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.940%		
50) Toluene-d8	10.440	98	1848629	47.370	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.740%		
62) 4-Bromofluorobenzene	12.731	95	684824	48.439	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	510808	47.354	ug/l	100
3) Chloromethane	2.303	50	621896	46.019	ug/l	99
4) Vinyl Chloride	2.448	62	579509	46.636	ug/l	99
5) Bromomethane	2.842	94	304921	45.167	ug/l	97
6) Chloroethane	3.014	64	343681	45.135	ug/l	96
7) Trichlorofluoromethane	3.373	101	758658	46.519	ug/l	99
8) Diethyl Ether	3.824	74	317436	50.537	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.208	101	456967	49.986	ug/l	96
10) Methyl Iodide	4.417	142	613952	49.159	ug/l	98
11) Tert butyl alcohol	5.380	59	550978	204.127	ug/l	99
12) 1,1-Dichloroethene	4.178	96	429430	48.746	ug/l	86
13) Acrolein	4.041	56	488061	212.330	ug/l	99
14) Allyl chloride	4.838	41	1026021	51.686	ug/l	91
15) Acrylonitrile	5.554	53	1781274	244.904	ug/l	99
16) Acetone	4.285	43	1624179	189.082	ug/l	96
17) Carbon Disulfide	4.527	76	1180146	51.853	ug/l	99
18) Methyl Acetate	4.857	43	1234347	47.607	ug/l	90
19) Methyl tert-butyl Ether	5.616	73	1722545	50.288	ug/l	96
20) Methylene Chloride	5.095	84	550207	48.183	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	462269	48.312	ug/l #	83
22) Diisopropyl ether	6.498	45	2070064	53.352	ug/l	94
23) Vinyl Acetate	6.434	43	8262044	261.738	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	1038099	51.650	ug/l	98
25) 2-Butanone	7.335	43	2560570	219.394	ug/l	91
26) 2,2-Dichloropropane	7.324	77	677738	43.369	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	572121	49.489	ug/l	86
28) Bromochloromethane	7.657	49	574162	54.935	ug/l #	76
29) Tetrahydrofuran	7.686	42	1678028	236.777	ug/l	87
30) Chloroform	7.817	83	1038284	51.151	ug/l	99
31) Cyclohexane	8.094	56	947815	47.695	ug/l	87
32) 1,1,1-Trichloroethane	8.016	97	884251	51.141	ug/l	95
36) 1,1-Dichloropropene	8.222	75	733861	49.683	ug/l	96
37) Ethyl Acetate	7.412	43	1020288	46.409	ug/l	94
38) Carbon Tetrachloride	8.206	117	756732	52.243	ug/l	99
39) Methylcyclohexane	9.459	83	838561	47.728	ug/l	88
40) Benzene	8.461	78	2239326	49.598	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	518498	50.241	ug/l #	89
42) 1,2-Dichloroethane	8.528	62	900540	49.410	ug/l	96
43) Isopropyl Acetate	8.560	43	1581436	48.609	ug/l #	93
44) Trichloroethene	9.215	130	519437	48.202	ug/l	90
45) 1,2-Dichloropropane	9.491	63	620984	51.219	ug/l	98
46) Dibromomethane	9.577	93	399264	50.213	ug/l	93
47) Bromodichloromethane	9.762	83	853153	56.670	ug/l	99
48) Methyl methacrylate	9.561	41	753115	49.603	ug/l	88
49) 1,4-Dioxane	9.569	88	217767	799.367	ug/l #	81
51) 4-Methyl-2-Pentanone	10.330	43	5321347	252.130	ug/l	95
52) Toluene	10.505	92	1383056	50.176	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	848461	47.027	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	915008	48.217	ug/l #	90
55) 1,1,2-Trichloroethane	10.899	97	557667	50.143	ug/l	97
56) Ethyl methacrylate	10.760	69	955442	45.734	ug/l #	87
57) 1,3-Dichloropropane	11.044	76	990692	50.590	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1135217	203.979	ug/l	90
59) 2-Hexanone	11.084	43	3807264	238.466	ug/l	93
60) Dibromochloromethane	11.237	129	620750	51.993	ug/l	100
61) 1,2-Dibromoethane	11.344	107	573133	49.754	ug/l	100
64) Tetrachloroethene	10.977	164	457621	46.373	ug/l	96
65) Chlorobenzene	11.771	112	1457911	49.379	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	558709	53.764	ug/l	99
67) Ethyl Benzene	11.843	91	2733912	50.976	ug/l	96
68) m/p-Xylenes	11.953	106	1986207	101.713	ug/l	92
69) o-Xylene	12.280	106	987391	50.199	ug/l	90
70) Styrene	12.294	104	1647790	52.831	ug/l	95
71) Bromoform	12.457	173	474805	53.233	ug/l #	99
73) Isopropylbenzene	12.578	105	2625463	47.703	ug/l	99
74) N-amyl acetate	12.388	43	1193334	49.028	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	900393	47.309	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	816090m	46.003	ug/l	
77) Bromobenzene	12.860	156	613706	47.473	ug/l	77
78) n-propylbenzene	12.919	91	3007076	49.100	ug/l	96
79) 2-Chlorotoluene	13.007	91	1862040	48.116	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2133079	48.152	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	254701	47.235	ug/l	96
82) 4-Chlorotoluene	13.104	91	1774359	48.755	ug/l	92
83) tert-Butylbenzene	13.324	119	1870038	47.674	ug/l	92
84) 1,2,4-Trimethylbenzene	13.366	105	2108716	49.984	ug/l	97
85) sec-Butylbenzene	13.501	105	2631444	49.458	ug/l	97
86) p-Isopropyltoluene	13.616	119	2078335	49.974	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1028836	48.444	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	988791	47.376	ug/l	97
89) n-Butylbenzene	13.943	91	1688702	50.056	ug/l	97
90) Hexachloroethane	14.209	117	418034	57.252	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	998280	48.242	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	178116	51.792	ug/l	77
93) 1,2,4-Trichlorobenzene	15.263	180	477034	47.175	ug/l	98
94) Hexachlorobutadiene	15.367	225	265091	48.338	ug/l	98
95) Naphthalene	15.507	128	1379489	45.980	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	474155	48.038	ug/l	98

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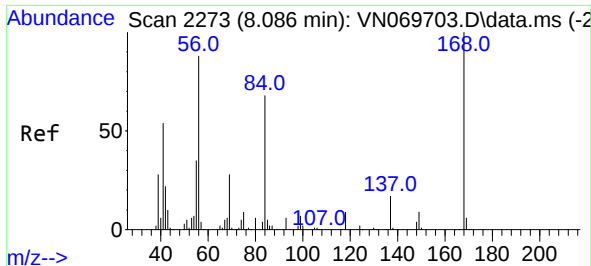
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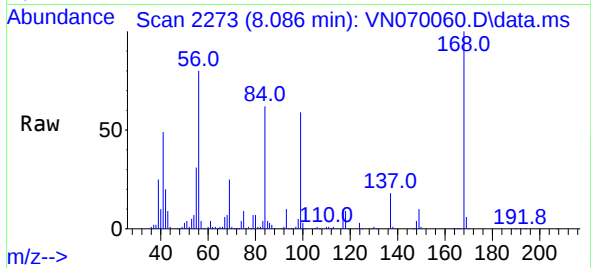
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070060.D
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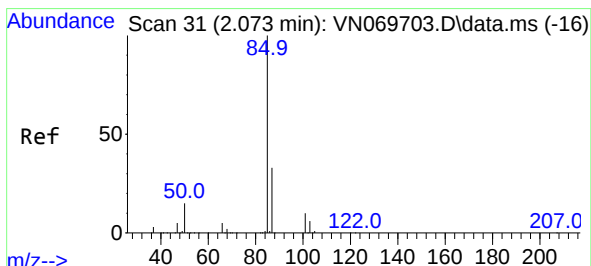
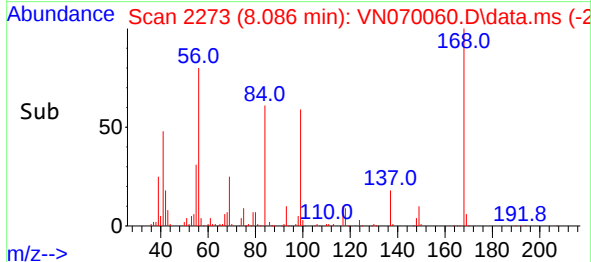
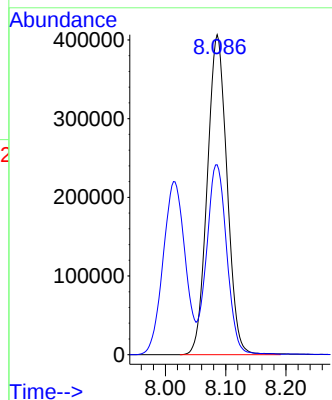
Instrument :
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Tgt Ion:168 Resp: 924844
Ion Ratio Lower Upper
168 100
99 59.2 41.3 61.9

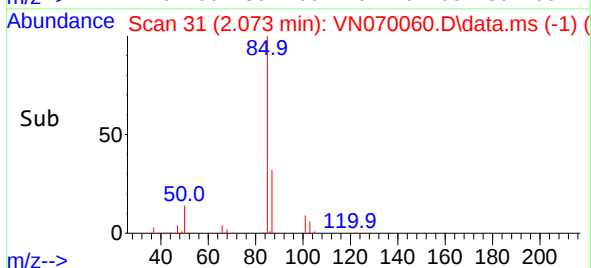
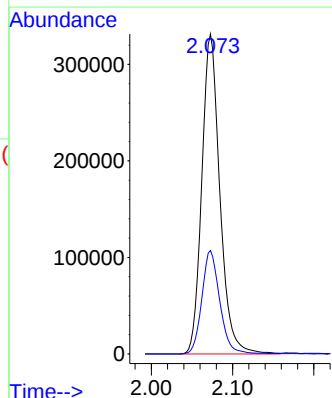
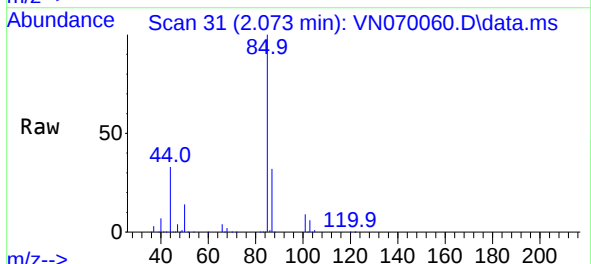
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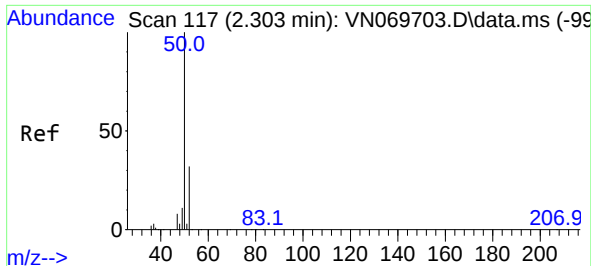
Reviewed By :John Carlone 12/14/2021
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#2
Dichlorodifluoromethane
Concen: 47.354 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

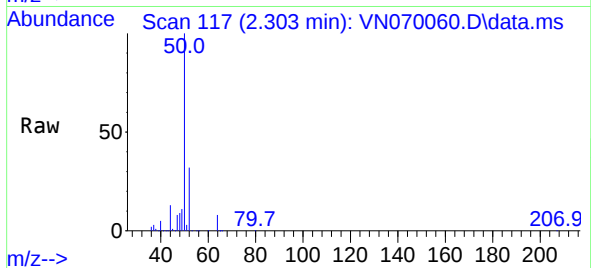
Tgt Ion: 85 Resp: 510808
Ion Ratio Lower Upper
85 100
87 32.3 16.3 48.9





#3
Chloromethane
Concen: 46.019 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

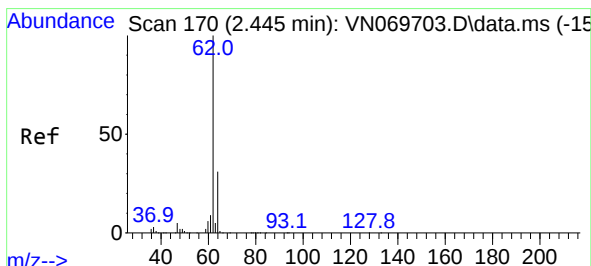
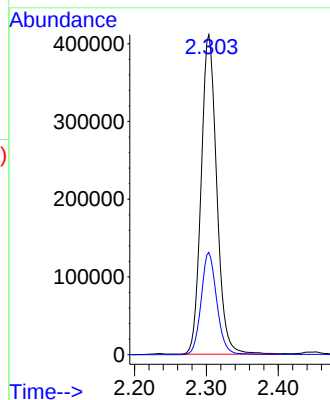
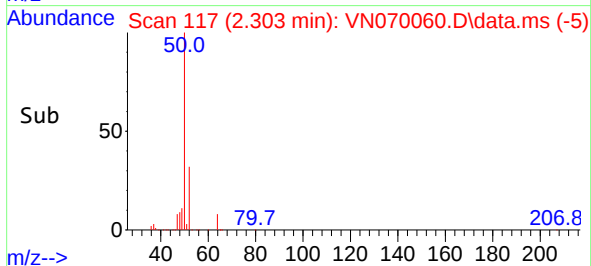
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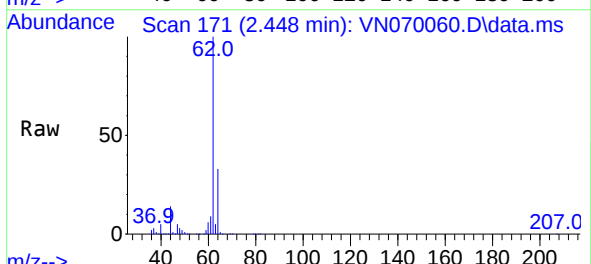
Tgt Ion: 50 Resp: 621890
Ion Ratio Lower Upper
50 100
52 32.0 25.4 38.0

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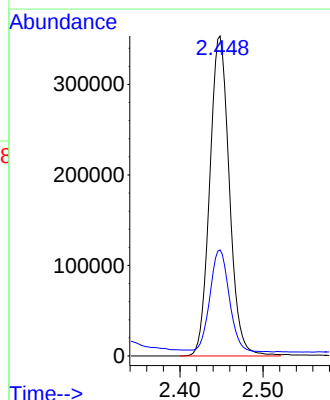
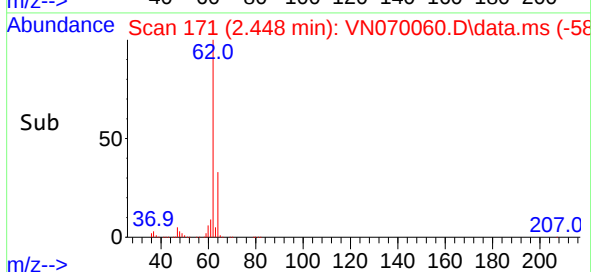
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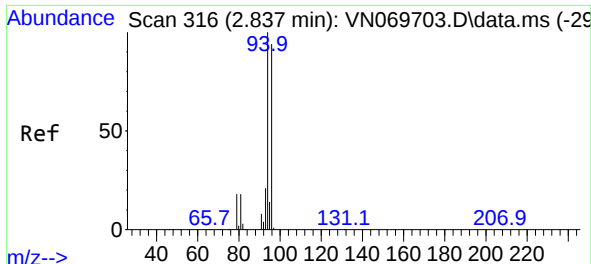


#4
Vinyl Chloride
Concen: 46.636 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23



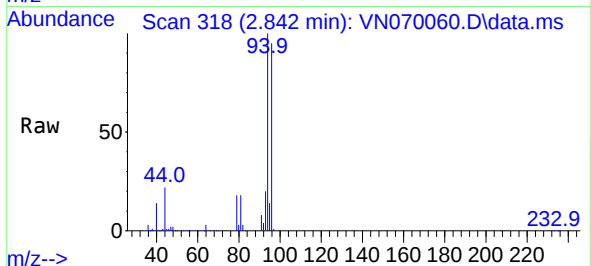
Tgt Ion: 62 Resp: 579509
Ion Ratio Lower Upper
62 100
64 31.8 25.8 38.6





#5
Bromomethane
Concen: 45.167 ug/l
RT: 2.842 min Scan# 316
Delta R.T. 0.006 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

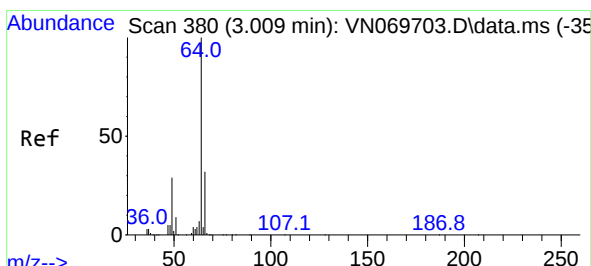
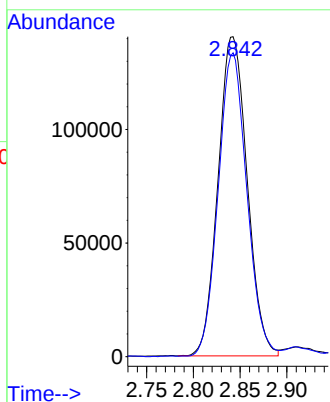
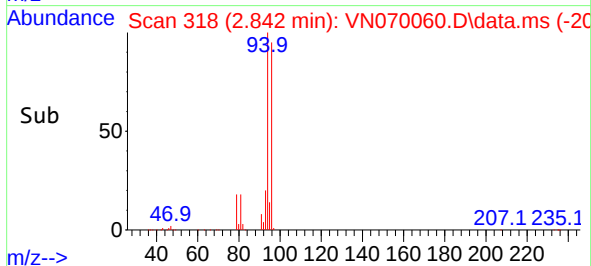
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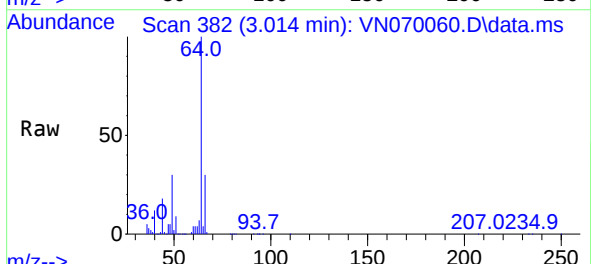
Tgt Ion: 94 Resp: 30492
Ion Ratio Lower Upper
94 100
96 95.0 73.8 110.8

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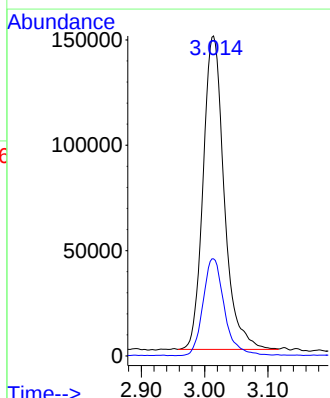
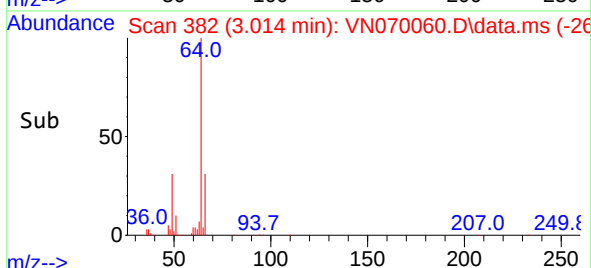
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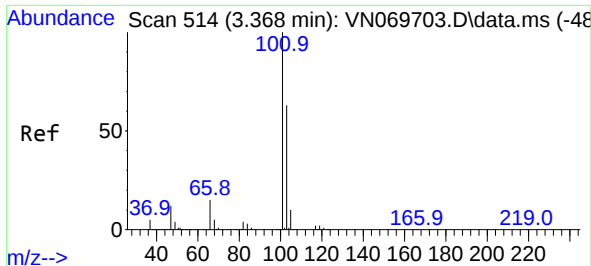


#6
Chloroethane
Concen: 45.135 ug/l
RT: 3.014 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23



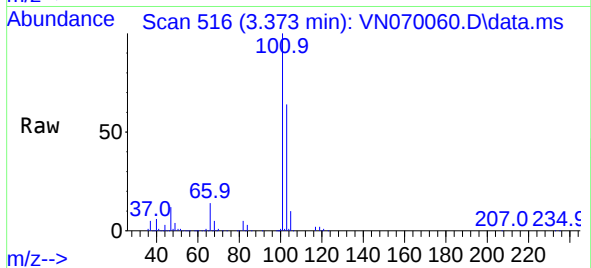
Tgt Ion: 64 Resp: 343681
Ion Ratio Lower Upper
64 100
66 30.9 26.3 39.5





#7
Trichlorofluoromethane
Concen: 46.519 ug/l
RT: 3.373 min Scan# 514
Delta R.T. 0.006 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

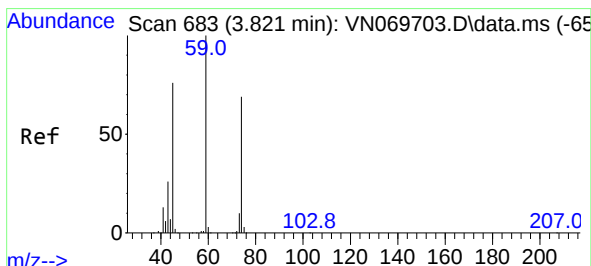
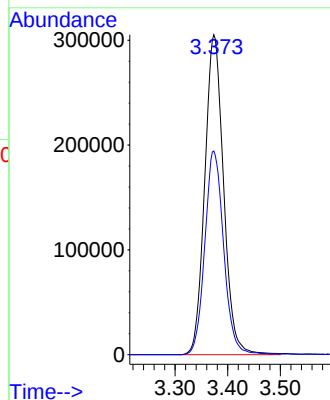
Instrument :
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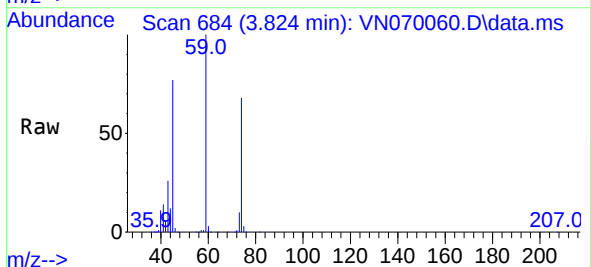
Tgt Ion:101 Resp: 758658
Ion Ratio Lower Upper
101 100
103 63.7 50.1 75.1

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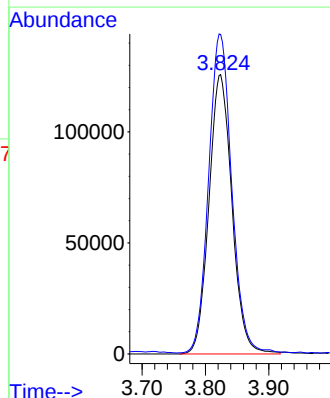
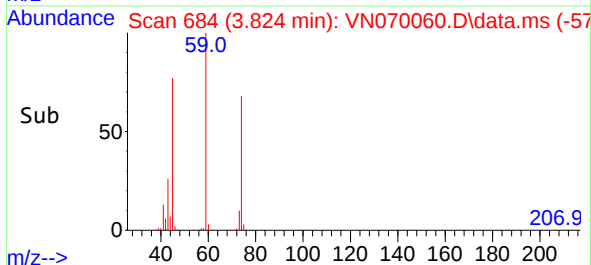
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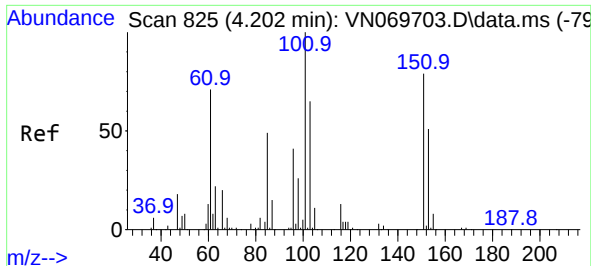


#8
Diethyl Ether
Concen: 50.537 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23



Tgt Ion: 74 Resp: 317436
Ion Ratio Lower Upper
74 100
45 114.5 47.0 141.2





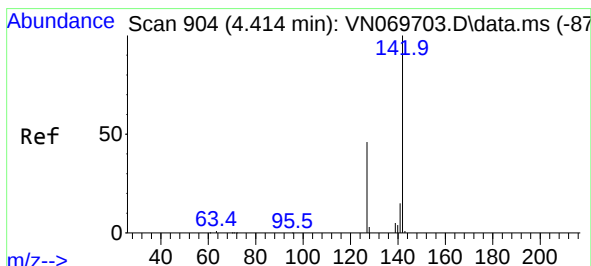
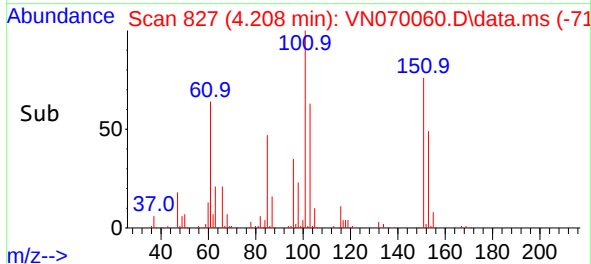
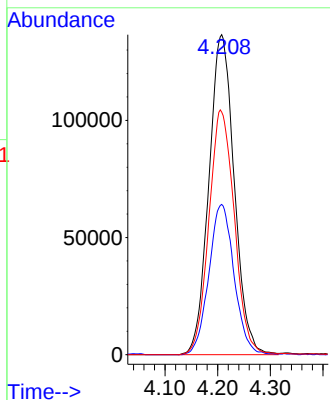
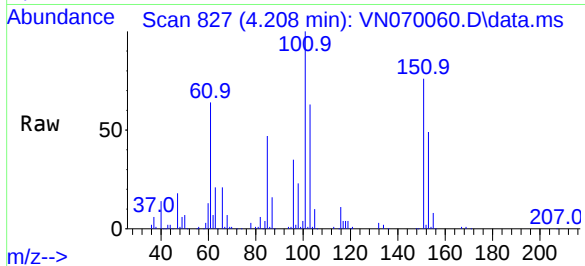
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.986 ug/l
RT: 4.208 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN070060.D
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Tgt Ion:101 Resp: 45696
Ion Ratio Lower Upper
101 100
85 46.8 37.2 55.8
151 76.8 65.9 98.9

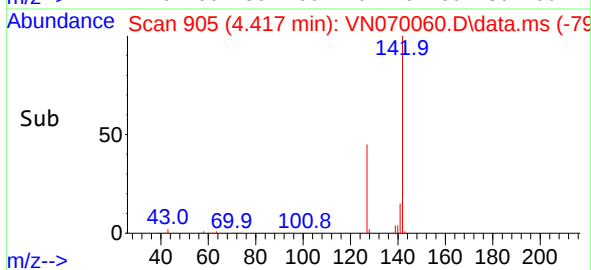
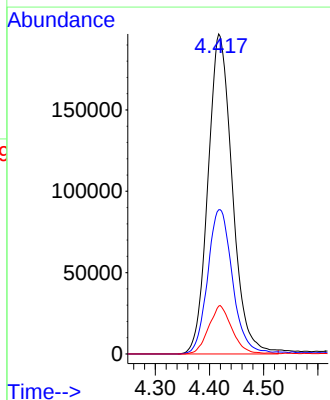
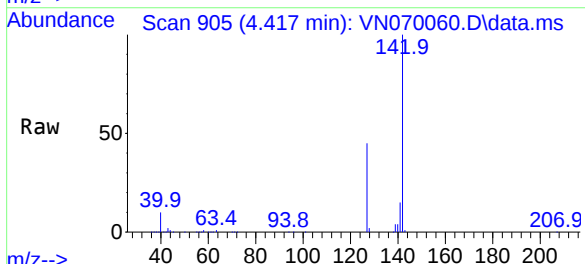
Manual Integrations
APPROVED

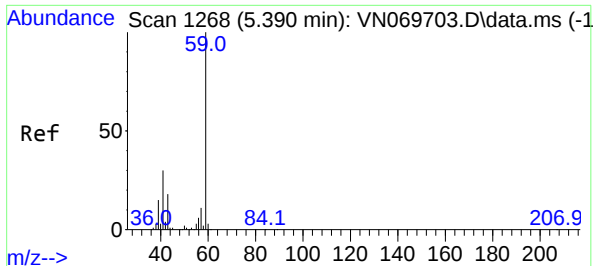
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#10
Methyl Iodide
Concen: 49.159 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

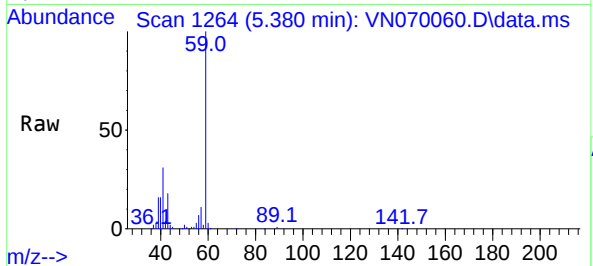
Tgt Ion:142 Resp: 613952
Ion Ratio Lower Upper
142 100
127 46.0 35.4 53.0
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 204.127 ug/l
RT: 5.380 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

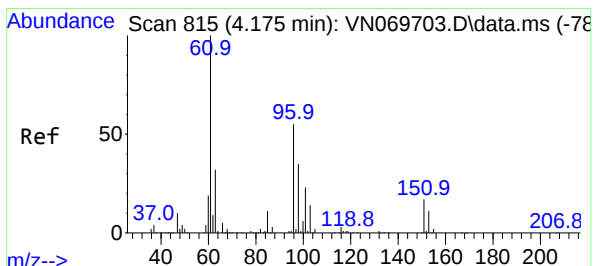
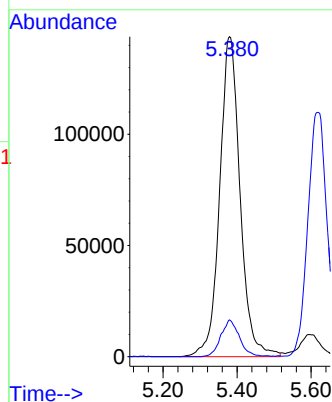
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 550978
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

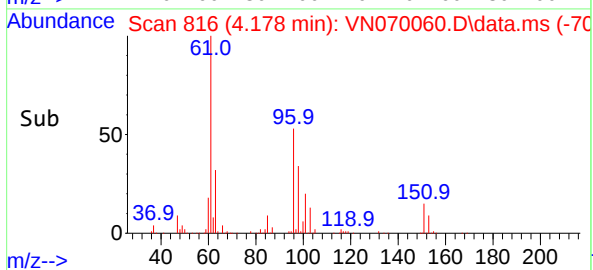
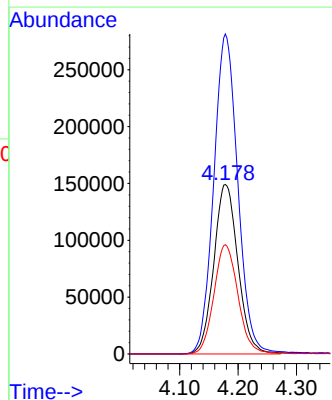
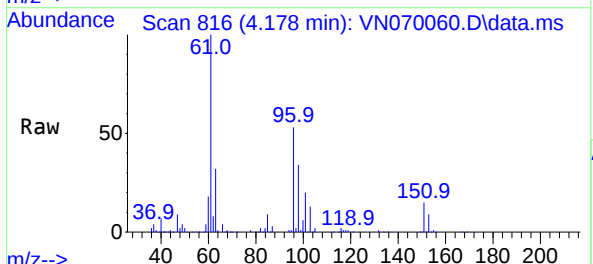
Manual Integrations
APPROVED

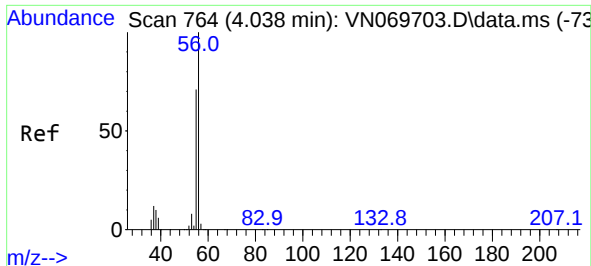
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#12
1,1-Dichloroethene
Concen: 48.746 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

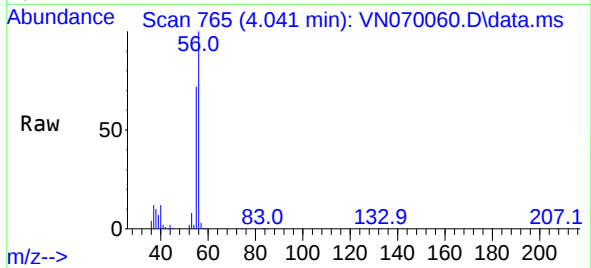
Tgt Ion: 96 Resp: 429430
Ion Ratio Lower Upper
96 100
61 188.9 131.0 196.6
98 64.5 52.4 78.6





#13
Acrolein
Concen: 212.330 ug/l
RT: 4.041 min Scan# 70
Delta R.T. 0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

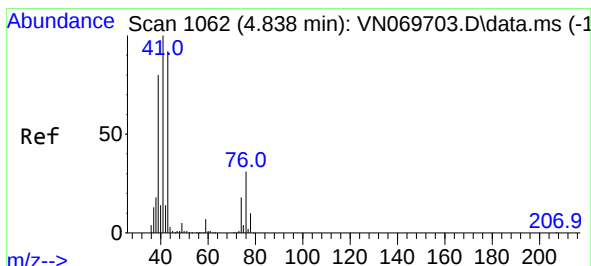
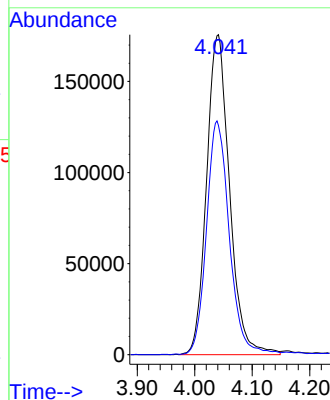
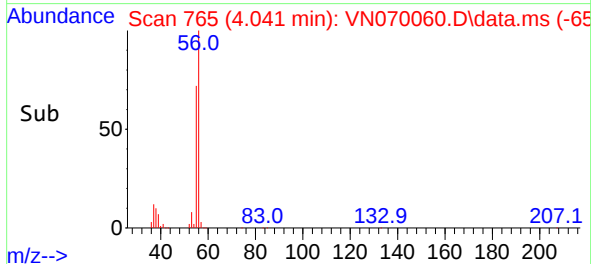
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



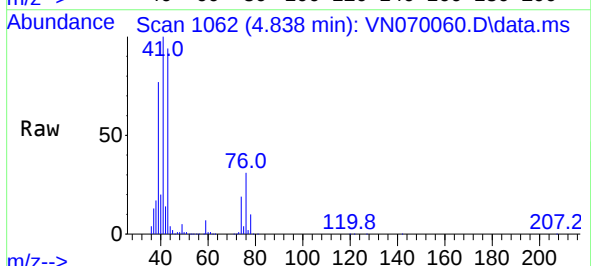
Tgt Ion: 56 Resp: 48806
Ion Ratio Lower Upper
56 100
55 71.9 56.6 85.0

Manual Integrations
APPROVED

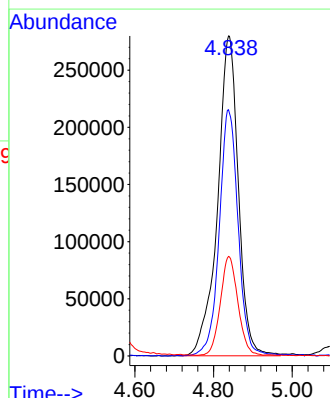
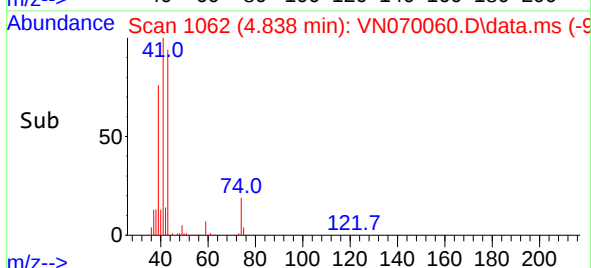
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

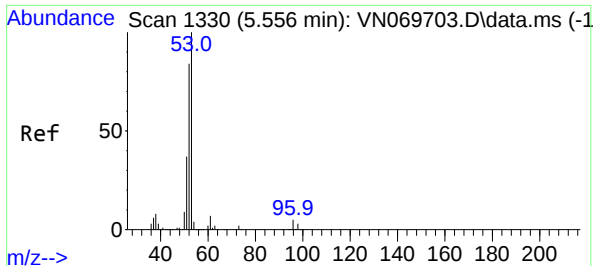


#14
Allyl chloride
Concen: 51.686 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23



Tgt Ion: 41 Resp: 1026021
Ion Ratio Lower Upper
41 100
39 69.9 61.2 91.8
76 26.0 26.0 39.0





#15

Acrylonitrile

Concen: 244.904 ug/l

RT: 5.554 min Scan# 1330

Delta R.T. -0.003 min

Lab File: VN070060.D

Acq: 14 Dec 2021 4:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 53 Resp: 1781274

Ion Ratio Lower Upper

53 100

52 83.4 66.2 99.2

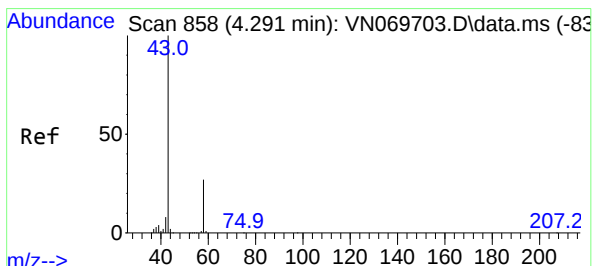
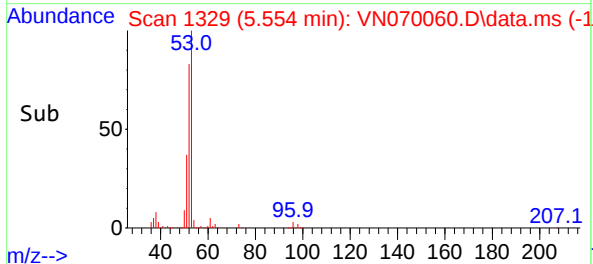
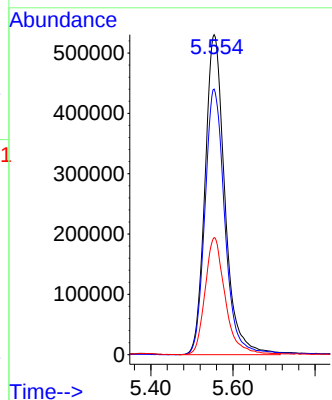
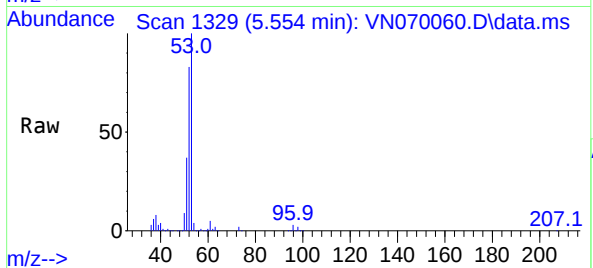
51 37.0 29.6 44.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2021

Supervised By :Amit Patel 12/15/2021



#16

Acetone

Concen: 189.082 ug/l

RT: 4.285 min Scan# 856

Delta R.T. -0.005 min

Lab File: VN070060.D

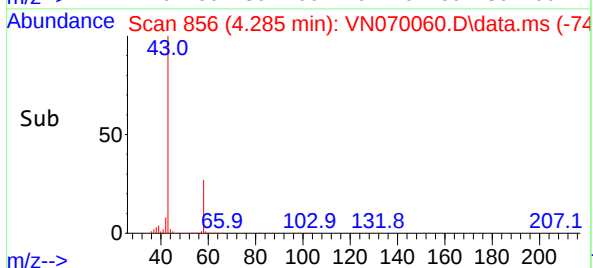
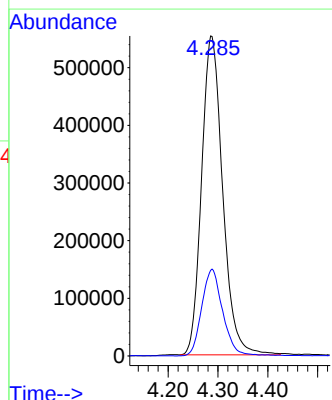
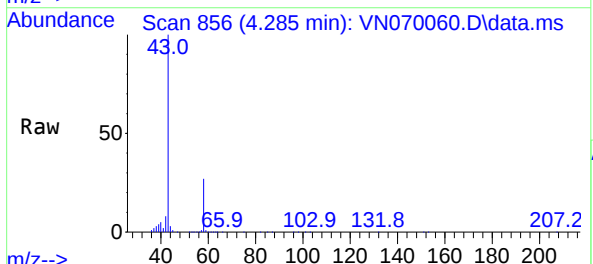
Acq: 14 Dec 2021 4:23

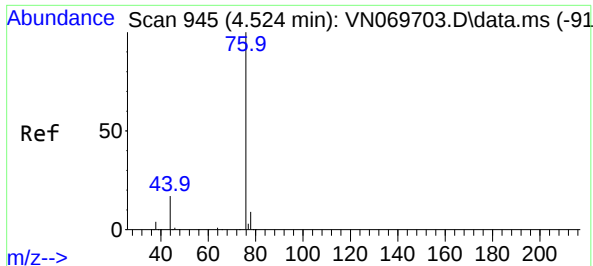
Tgt Ion: 43 Resp: 1624179

Ion Ratio Lower Upper

43 100

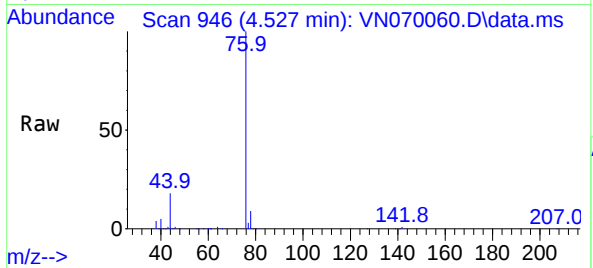
58 26.8 23.1 34.7





#17
Carbon Disulfide
Concen: 51.853 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

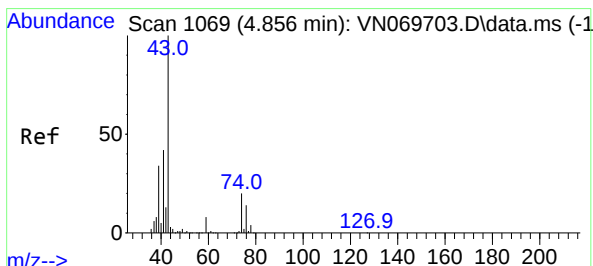
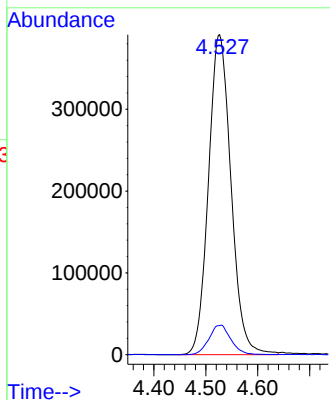
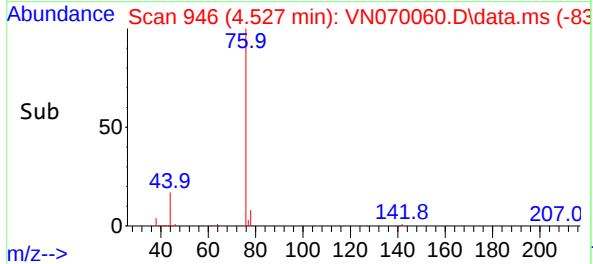
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



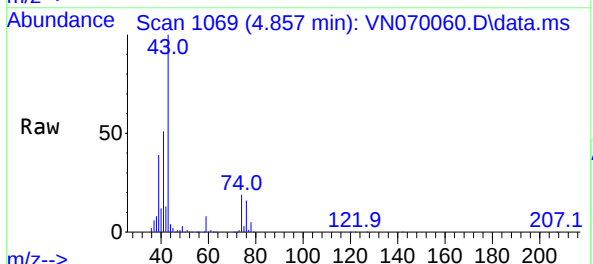
Tgt Ion: 76 Resp: 1180140
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

Manual Integrations
APPROVED

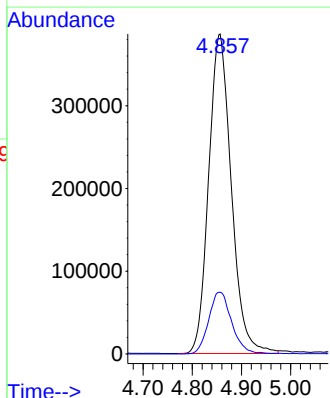
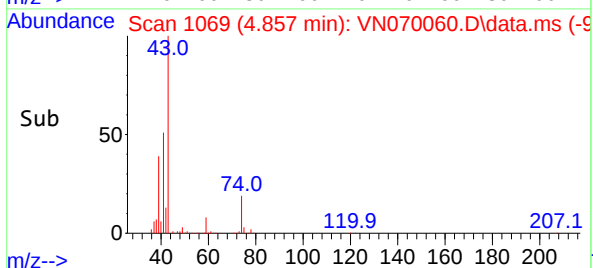
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

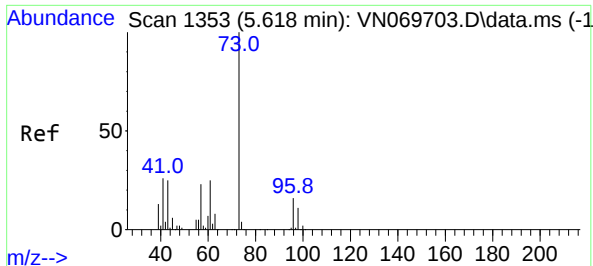


#18
Methyl Acetate
Concen: 47.607 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23



Tgt Ion: 43 Resp: 1234347
Ion Ratio Lower Upper
43 100
74 19.5 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 50.288 ug/l
RT: 5.616 min Scan# 1157
Delta R.T. -0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

Instrument :

MSVOA_N

ClientSampleId :

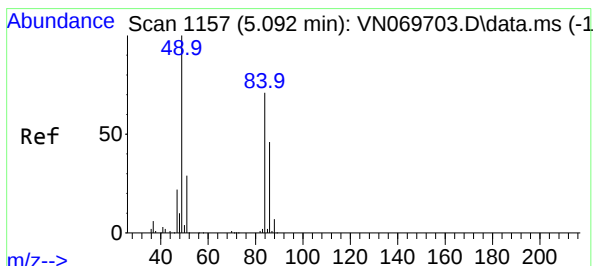
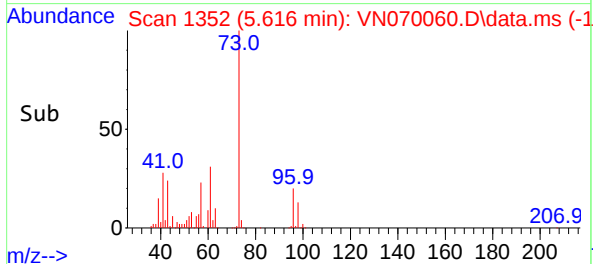
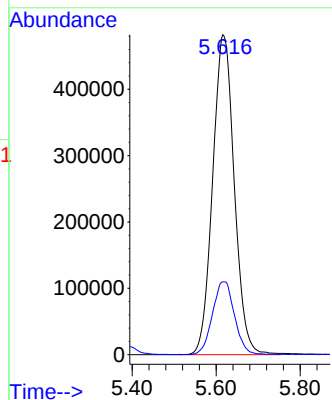
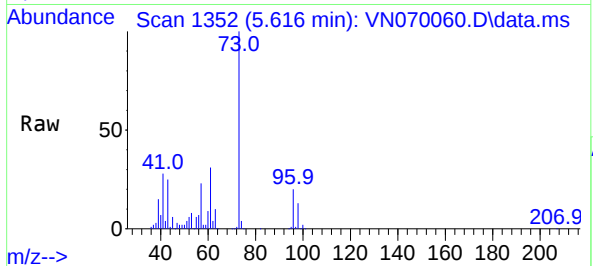
VSTDCCC050EC

Tgt Ion: 73 Resp: 172254
Ion Ratio Lower Upper
73 100
57 22.7 16.8 25.2

Manual Integrations

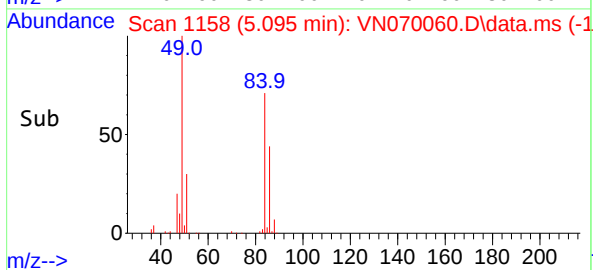
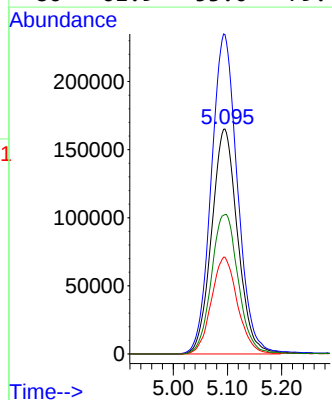
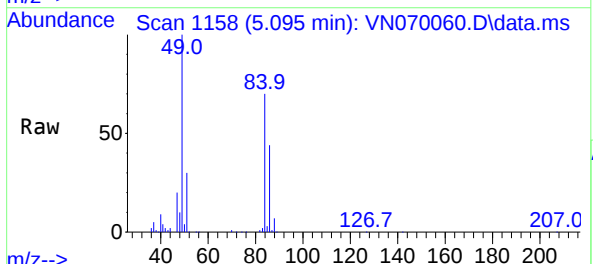
APPROVED

Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#20
Methylene Chloride
Concen: 48.183 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

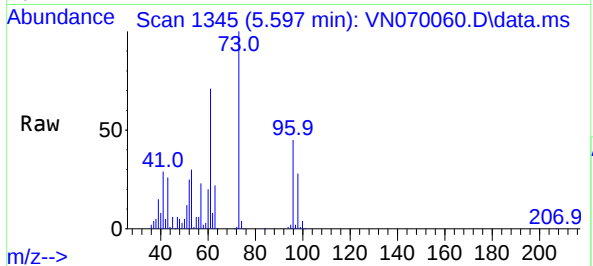
Tgt Ion: 84 Resp: 550207
Ion Ratio Lower Upper
84 100
49 141.8 93.5 140.3#
51 43.0 29.4 44.2
86 61.9 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 48.312 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

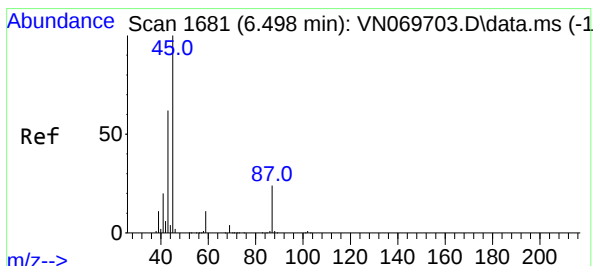
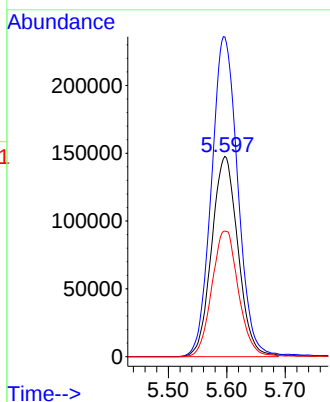
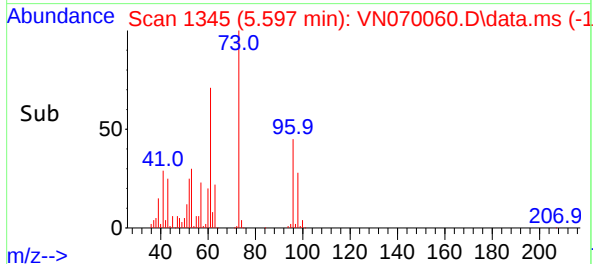
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



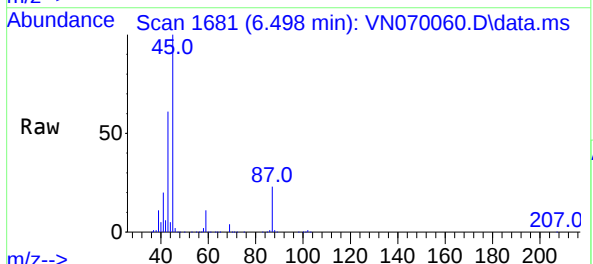
Tgt Ion: 96 Resp: 462269
Ion Ratio Lower Upper
96 100
61 159.6 105.8 158.6
98 62.7 52.0 78.0

Manual Integrations
APPROVED

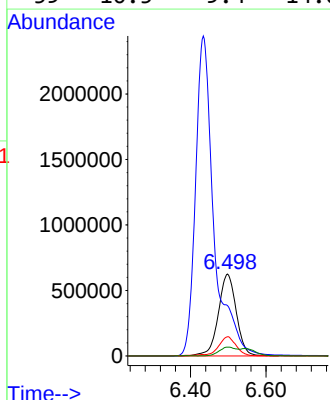
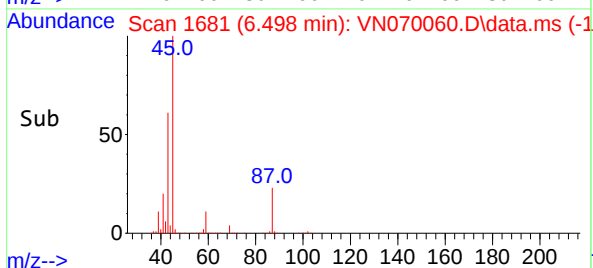
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

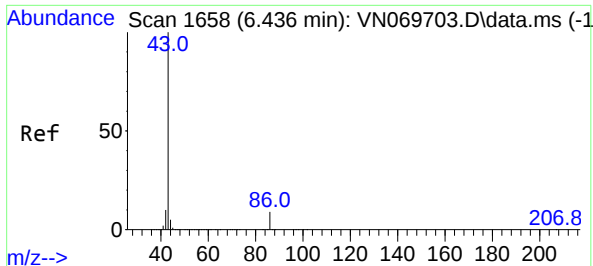


#22
Diisopropyl ether
Concen: 53.352 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23



Tgt Ion: 45 Resp: 2070064
Ion Ratio Lower Upper
45 100
43 61.0 51.7 77.5
87 23.3 23.2 34.8
59 10.5 9.4 14.0





#23
 Vinyl Acetate
 Concen: 261.738 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN070060.D
 Acq: 14 Dec 2021 4:23

Instrument :

MSVOA_N

ClientSampleId :

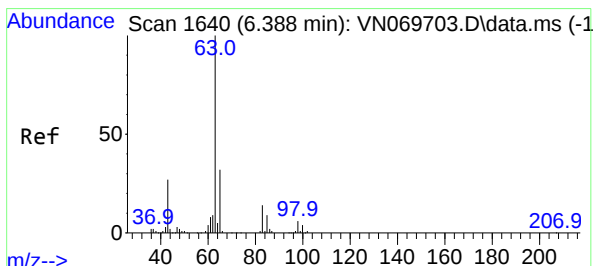
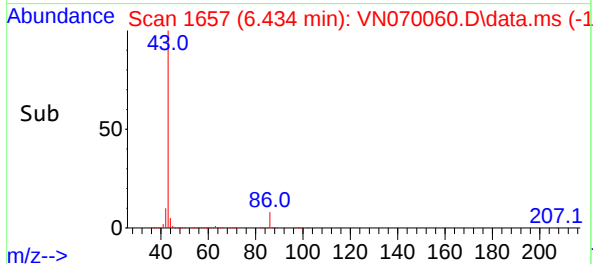
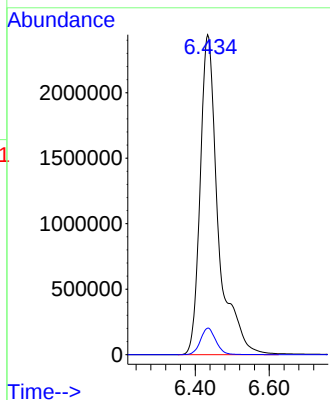
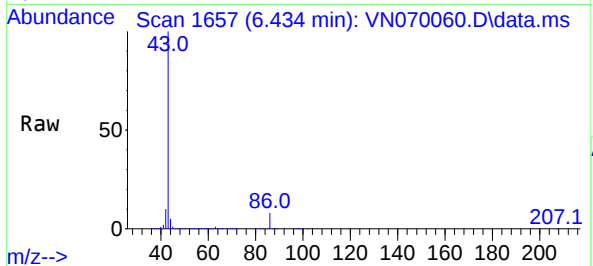
VSTDCCC050EC

Tgt Ion: 43 Resp: 8262044
 Ion Ratio Lower Upper
 43 100
 86 8.3 8.5 12.7

Manual Integrations

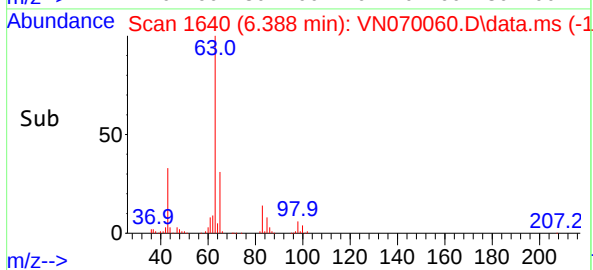
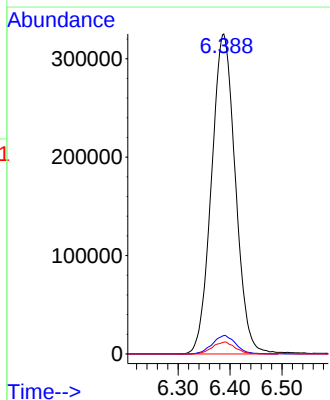
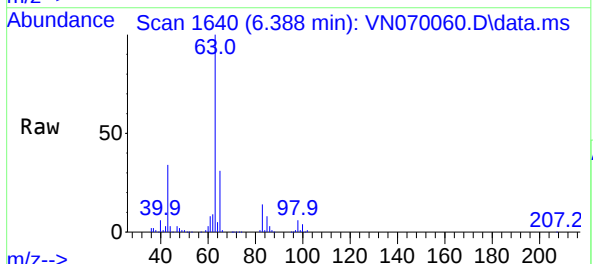
APPROVED

Reviewed By :John Carlone 12/14/2021
 Supervised By :Amit Patel 12/15/2021



#24
 1,1-Dichloroethane
 Concen: 51.650 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN070060.D
 Acq: 14 Dec 2021 4:23

Tgt Ion: 63 Resp: 1038099
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.9
 100 3.7 2.1 6.5





#25

2-Butanone

Concen: 219.394 ug/l

RT: 7.335 min Scan# 1994

Delta R.T. -0.003 min

Lab File: VN070060.D

Acq: 14 Dec 2021 4:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 2560570

Ion Ratio Lower Upper

43 100

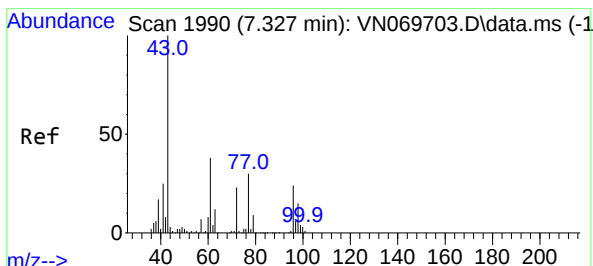
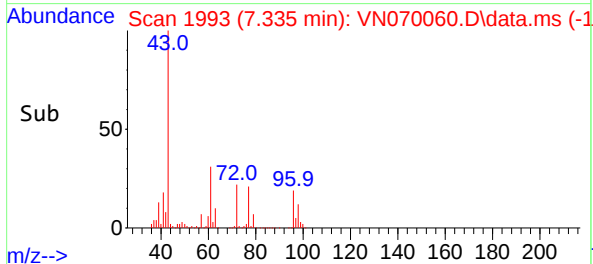
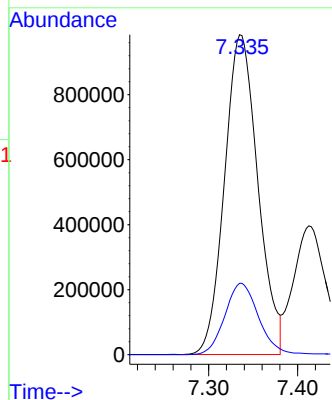
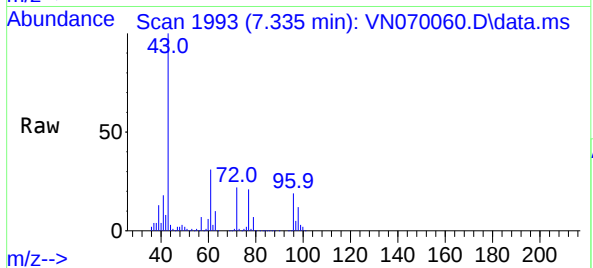
72 22.3 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2021

Supervised By :Amit Patel 12/15/2021



#26

2,2-Dichloropropane

Concen: 43.369 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN070060.D

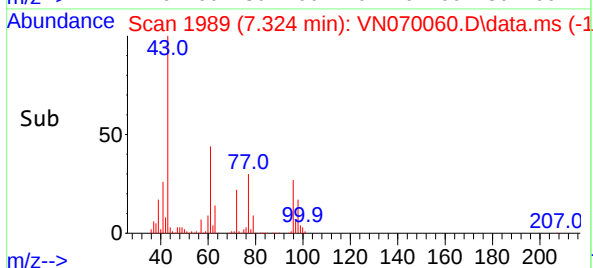
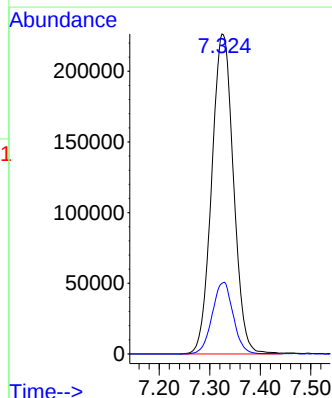
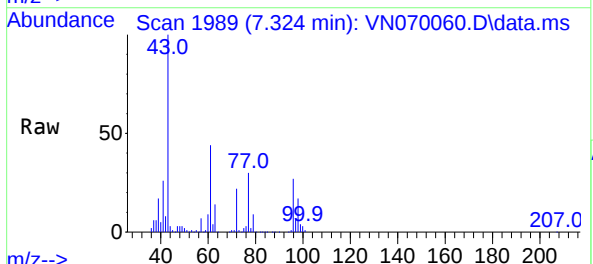
Acq: 14 Dec 2021 4:23

Tgt Ion: 77 Resp: 677738

Ion Ratio Lower Upper

77 100

97 21.6 11.6 34.8





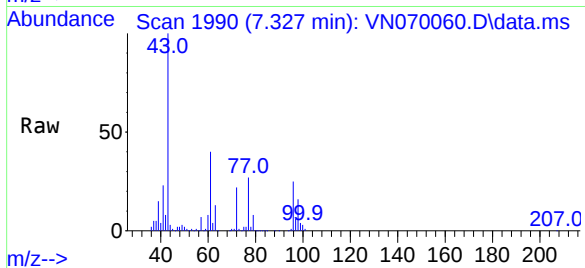
#27
 cis-1,2-Dichloroethene
 Concen: 49.489 ug/l
 RT: 7.327 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN070060.D
 Acq: 14 Dec 2021 4:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

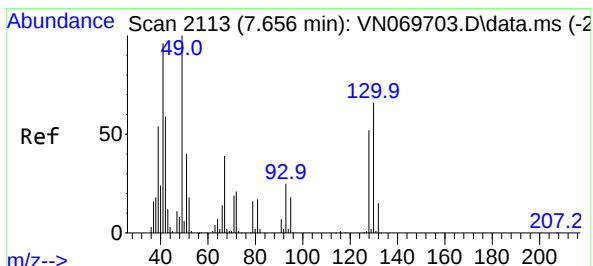
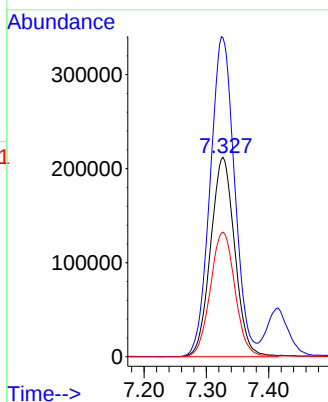
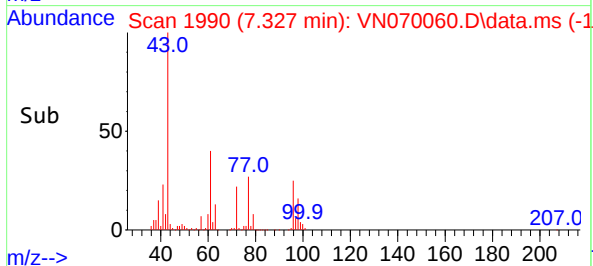


Tgt Ion: 96 Resp: 57212
 Ion Ratio Lower Upper
 96 100
 61 162.0 0.0 275.0
 98 63.5 0.0 129.6

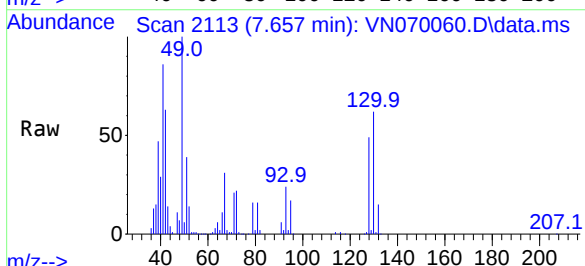
Manual Integrations

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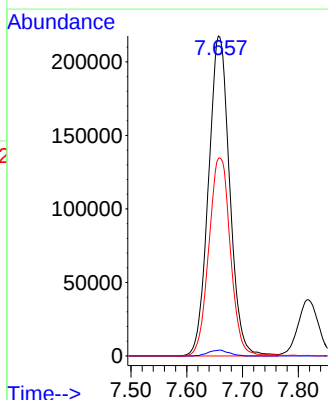
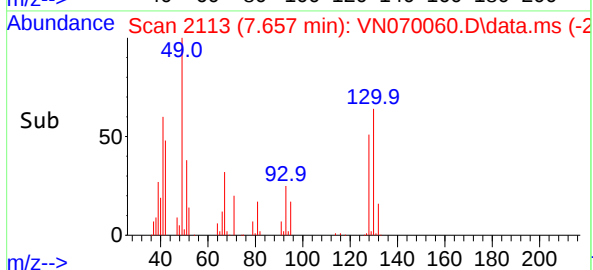
Reviewed By :John Carlone 12/14/2021
 Supervised By :Amit Patel 12/15/2021



#28
 Bromochloromethane
 Concen: 54.935 ug/l
 RT: 7.657 min Scan# 2113
 Delta R.T. 0.000 min
 Lab File: VN070060.D
 Acq: 14 Dec 2021 4:23



Tgt Ion: 49 Resp: 574162
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.0
 130 62.6 67.8 101.8#





#29

Tetrahydrofuran

Concen: 236.777 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN070060.D

Acq: 14 Dec 2021 4:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 1678028

Ion Ratio Lower Upper

42 100

72 36.9 36.3 54.5

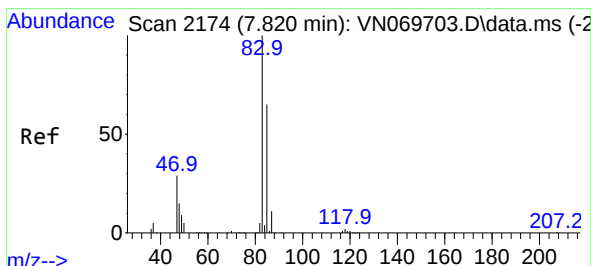
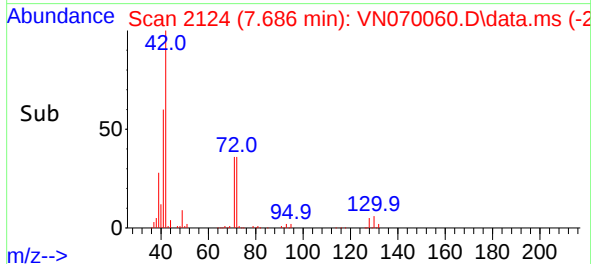
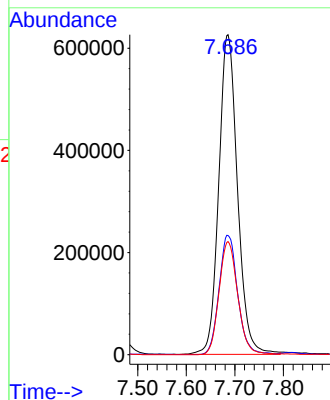
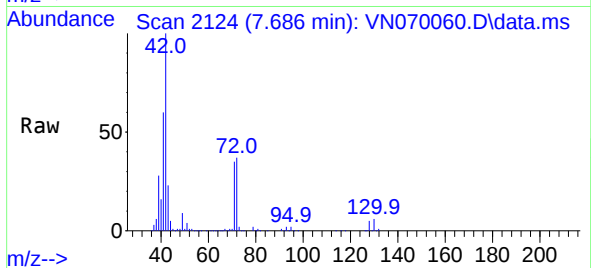
71 35.4 34.7 52.1

Manual Integrations

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Reviewed By :John Carlone 12/14/2021

Supervised By :Amit Patel 12/15/2021



#30

Chloroform

Concen: 51.151 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN070060.D

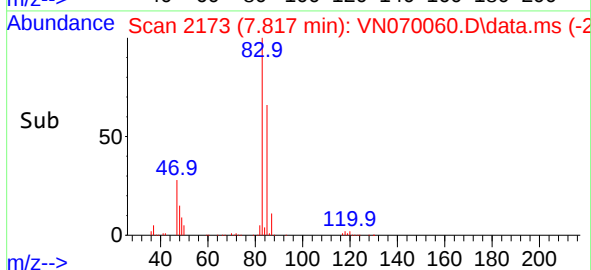
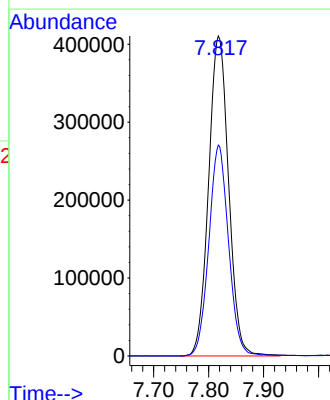
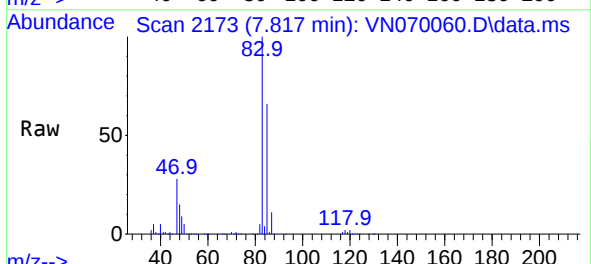
Acq: 14 Dec 2021 4:23

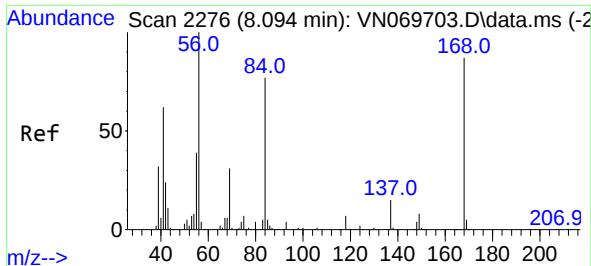
Tgt Ion: 83 Resp: 1038284

Ion Ratio Lower Upper

83 100

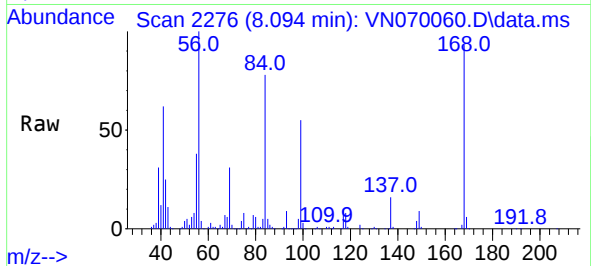
85 65.9 51.9 77.9





#31
Cyclohexane
Concen: 47.695 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

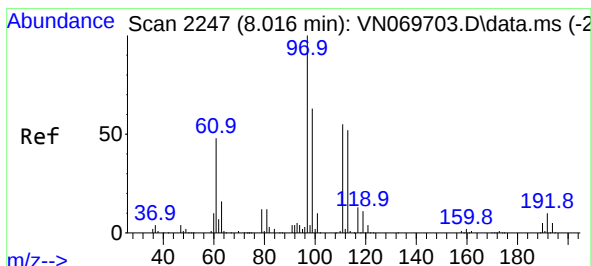
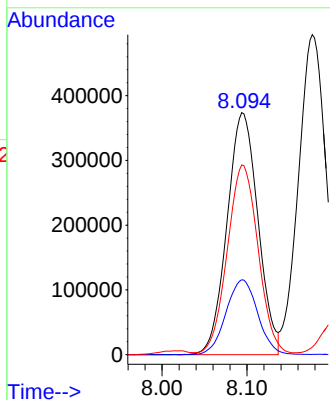
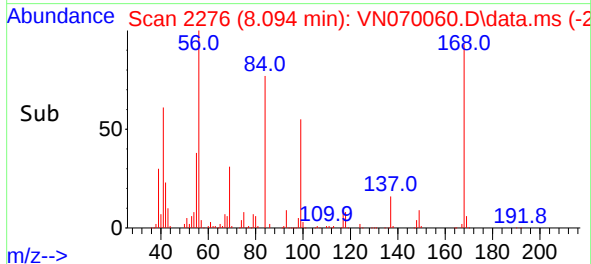
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



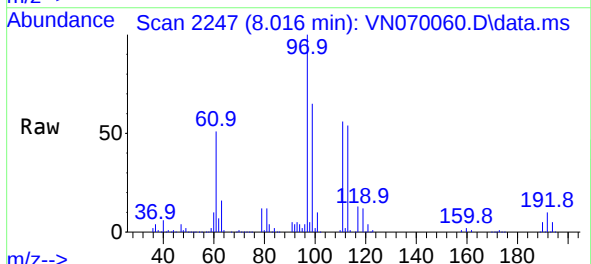
Tgt Ion: 56 Resp: 947815
Ion Ratio Lower Upper
56 100
69 30.9 27.1 40.7
84 76.8 73.4 110.0

Manual Integrations
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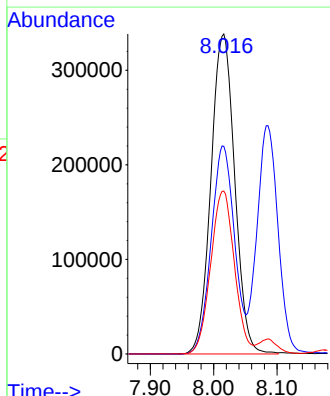
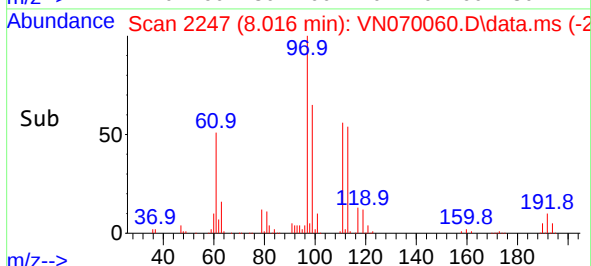
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

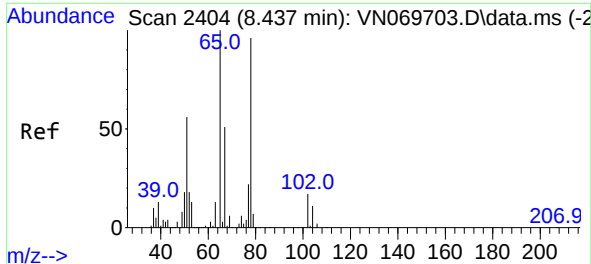


#32
1,1,1-Trichloroethane
Concen: 51.141 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23



Tgt Ion: 97 Resp: 884251
Ion Ratio Lower Upper
97 100
99 63.6 50.1 75.1
61 50.9 35.2 52.8





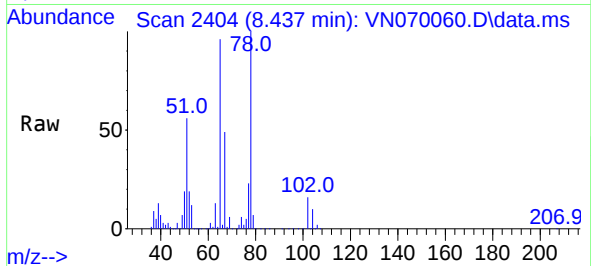
#33
1,2-Dichloroethane-d4
Concen: 48.532 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDC0050EC

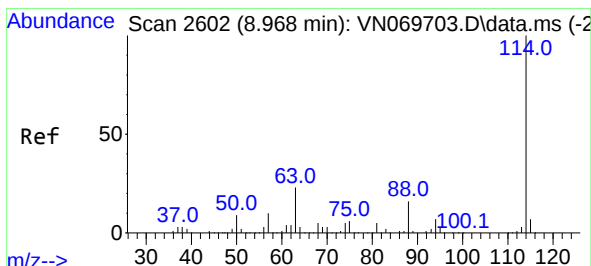
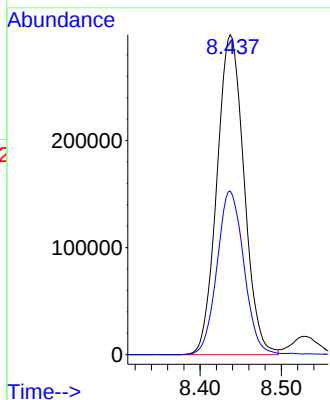
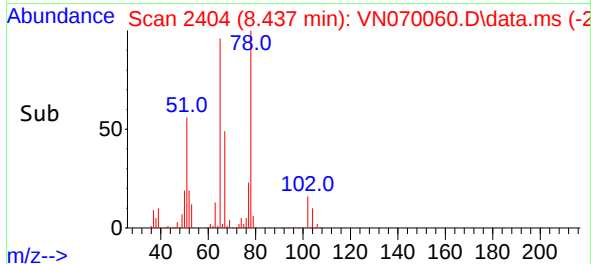


Tgt Ion: 65 Resp: 693015
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.0

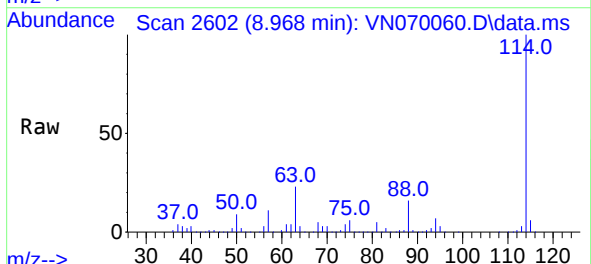
Manual Integrations

APPROVED

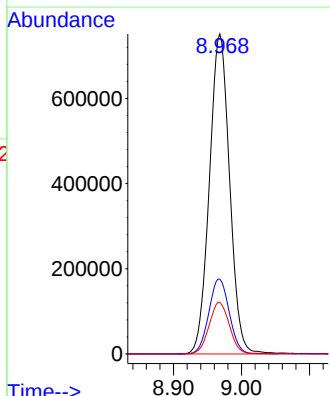
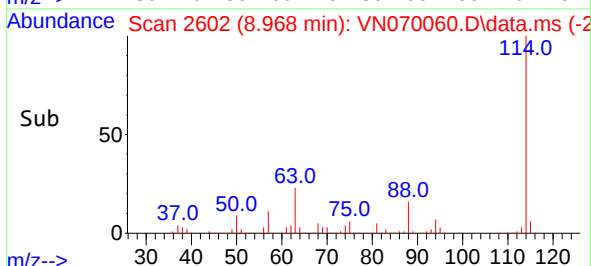
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

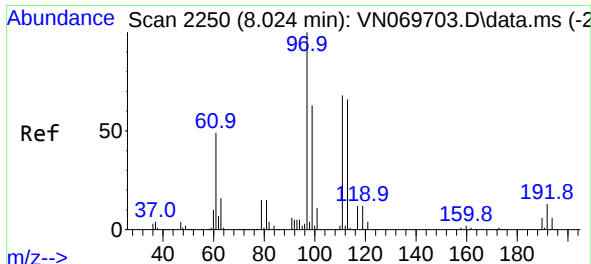


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23



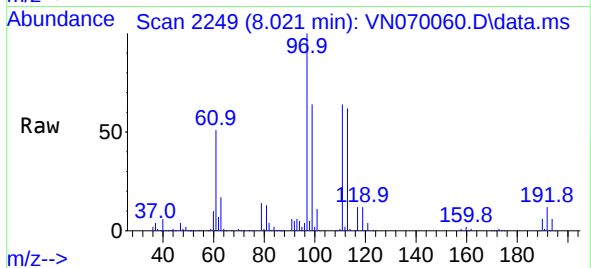
Tgt Ion:114 Resp: 1551621
Ion Ratio Lower Upper
114 100
63 23.3 0.0 37.8
88 16.1 0.0 27.4





#35
Dibromofluoromethane
Concen: 48.472 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

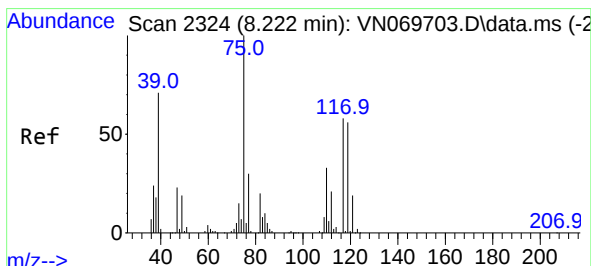
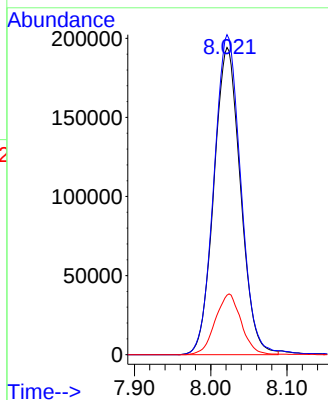
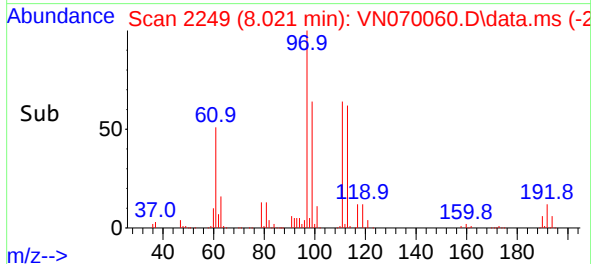
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



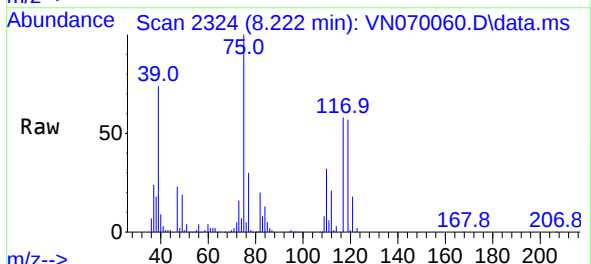
Tgt Ion: 113 Resp: 47109
Ion Ratio Lower Upper
113 100
111 105.1 82.2 123.2
192 19.3 16.9 25.3

Manual Integrations
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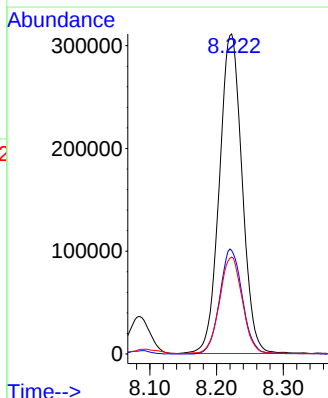
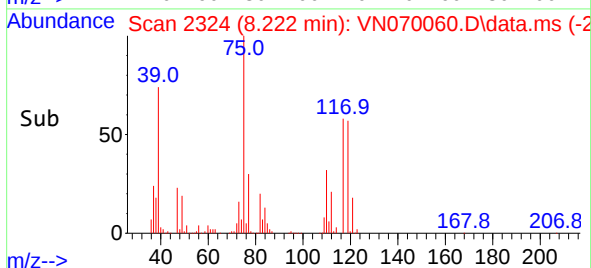
Reviewed By : John Carlone 12/14/2021
Supervised By : Amit Patel 12/15/2021

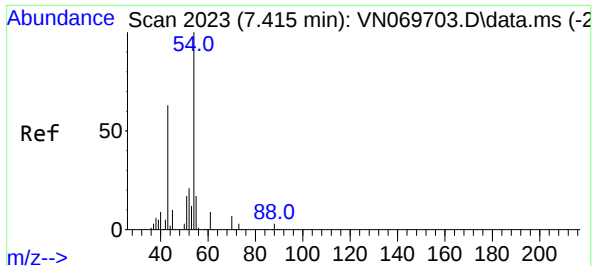


#36
1,1-Dichloropropene
Concen: 49.683 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23



Tgt Ion: 75 Resp: 733861
Ion Ratio Lower Upper
75 100
110 32.6 18.4 55.2
77 30.4 24.4 36.6





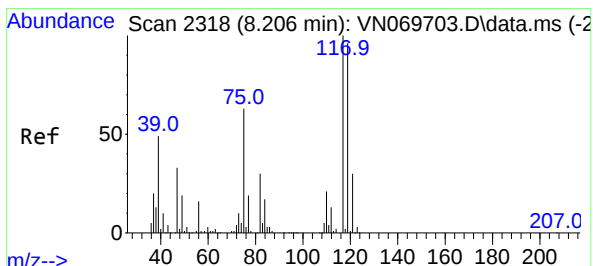
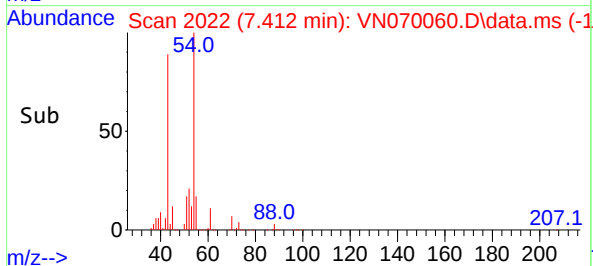
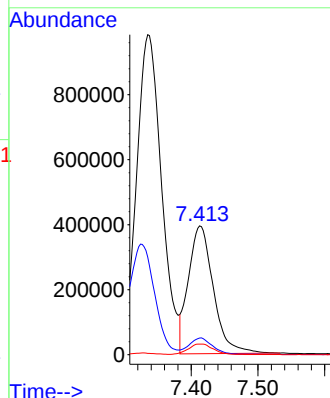
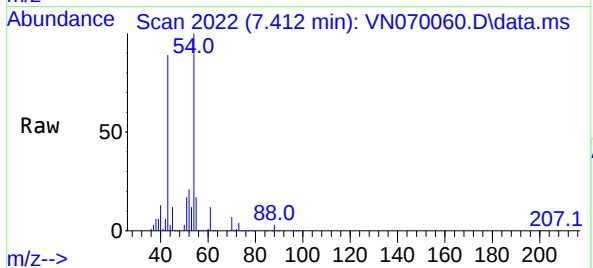
#37
Ethyl Acetate
Concen: 46.409 ug/l
RT: 7.412 min Scan# 2023
Delta R.T. -0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1020288
Ion Ratio Lower Upper
43 100
61 11.8 11.5 17.3
70 8.0 7.9 11.9

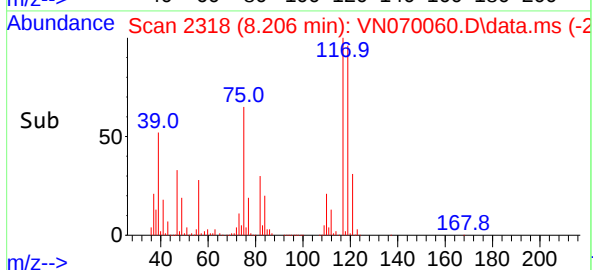
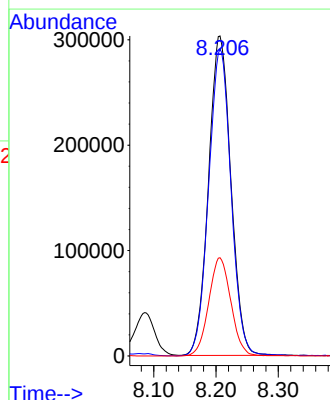
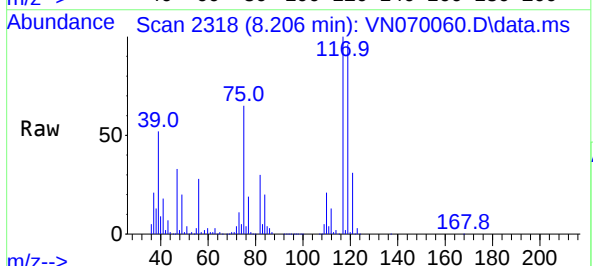
Manual Integrations
APPROVED

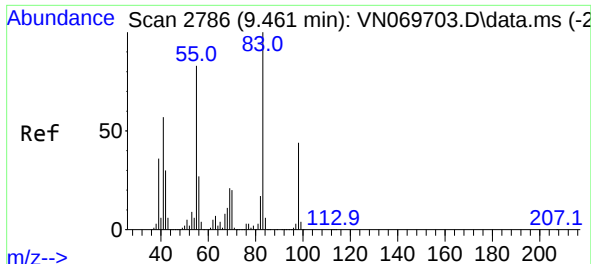
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#38
Carbon Tetrachloride
Concen: 52.243 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

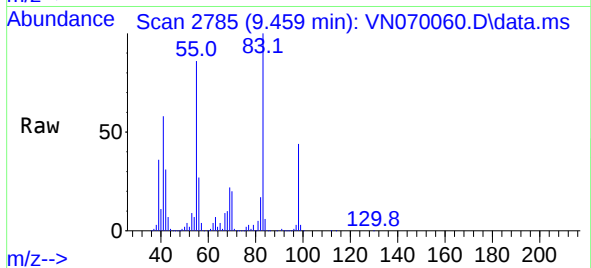
Tgt Ion:117 Resp: 756732
Ion Ratio Lower Upper
117 100
119 95.9 76.1 114.1
121 30.8 24.2 36.2





#39
Methylcyclohexane
Concen: 47.728 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

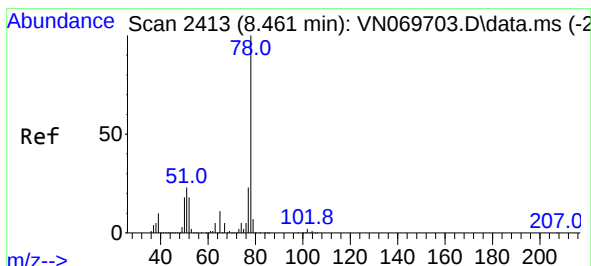
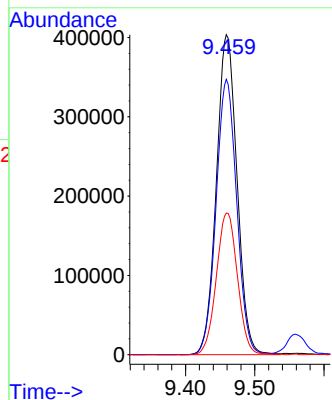
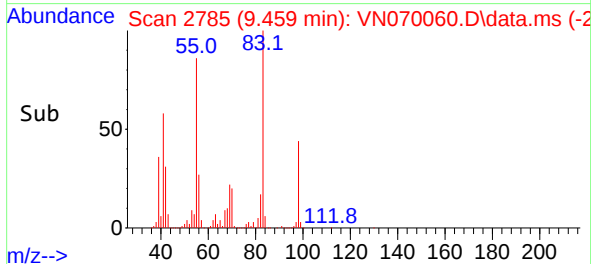
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



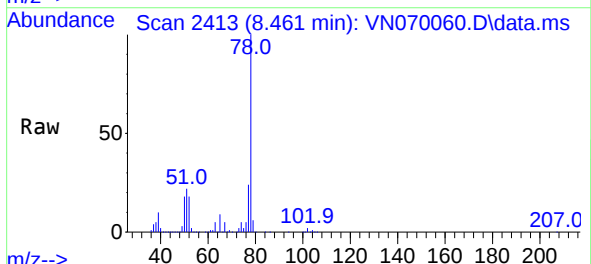
Tgt Ion: 83 Resp: 83856
Ion Ratio Lower Upper
83 100
55 86.0 58.1 87.1
98 44.3 38.4 57.6

Manual Integrations
APPROVED

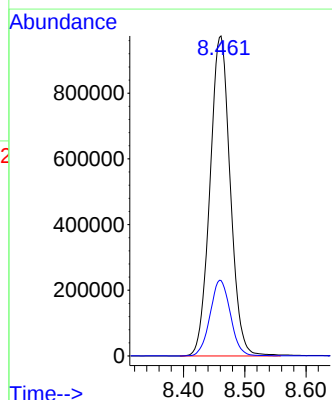
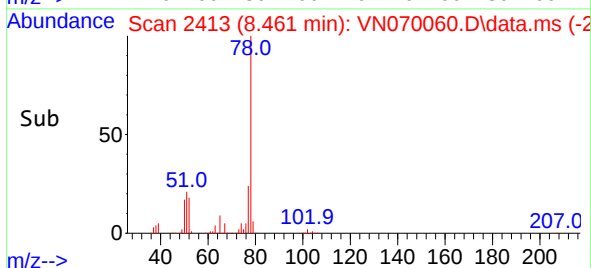
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

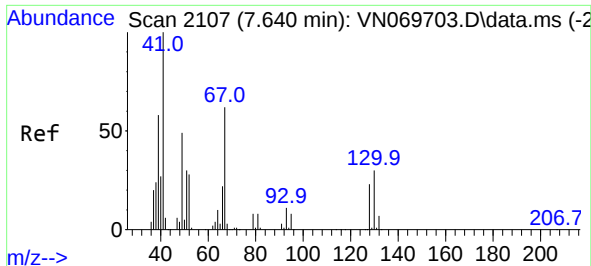


#40
Benzene
Concen: 49.598 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23



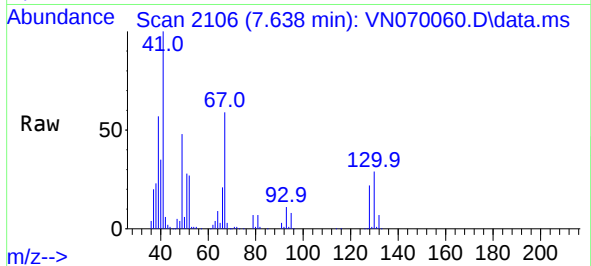
Tgt Ion: 78 Resp: 2239326
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8





#41
Methacrylonitrile
Concen: 50.241 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

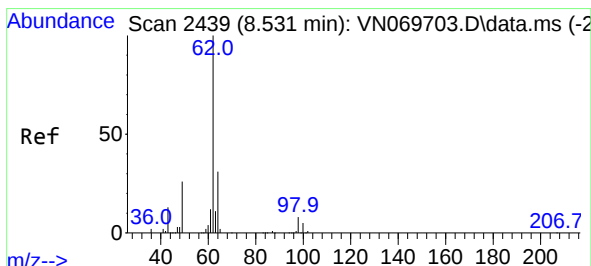
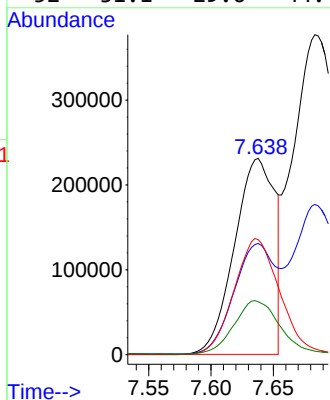
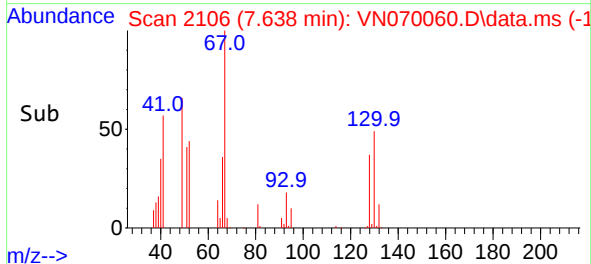
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 518498
Ion Ratio Lower Upper
41 100
39 59.7 48.1 72.1
67 67.6 68.3 102.5
52 31.1 29.6 44.4

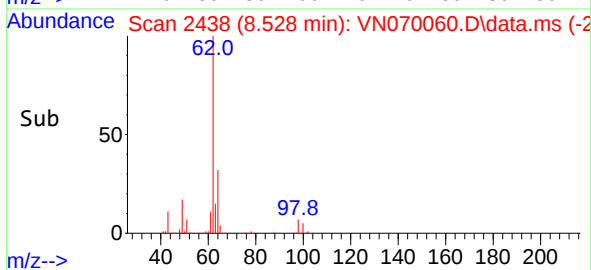
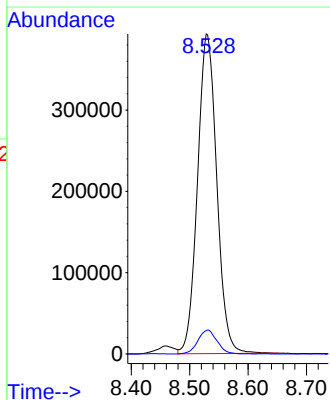
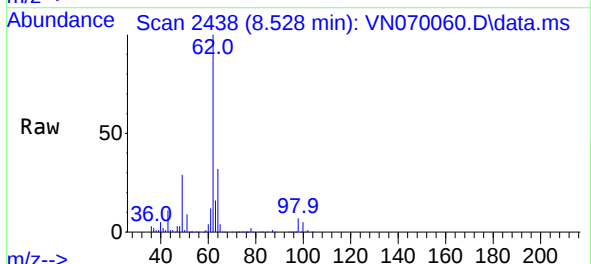
Manual Integrations
APPROVED

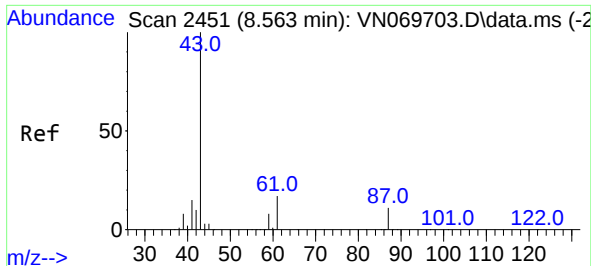
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#42
1,2-Dichloroethane
Concen: 49.410 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

Tgt Ion: 62 Resp: 900540
Ion Ratio Lower Upper
62 100
98 7.4 0.0 17.6





#43
Isopropyl Acetate
Concen: 48.609 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

Instrument :

MSVOA_N

ClientSampleId :

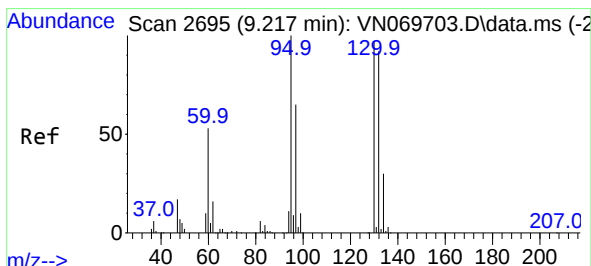
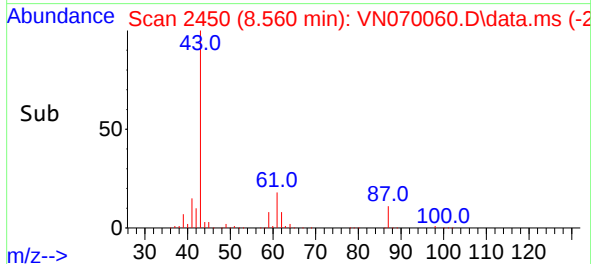
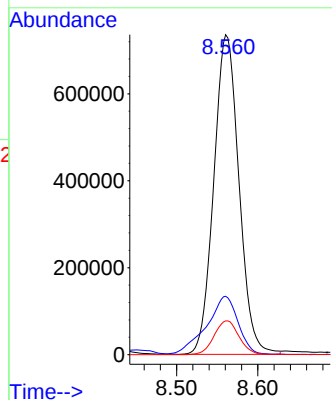
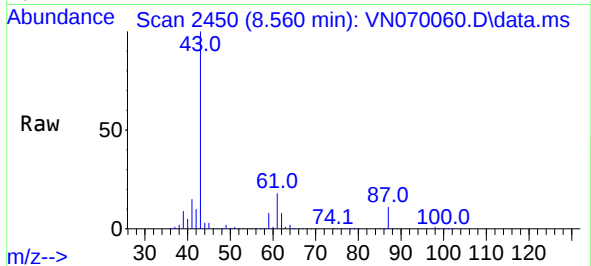
VSTDCCC050EC

Tgt Ion: 43 Resp: 1581430
Ion Ratio Lower Upper
43 100
61 22.7 20.4 30.6
87 10.6 11.2 16.8

Manual Integrations

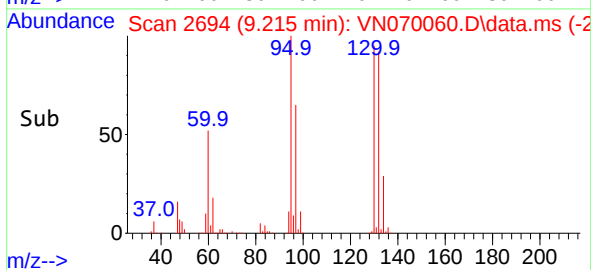
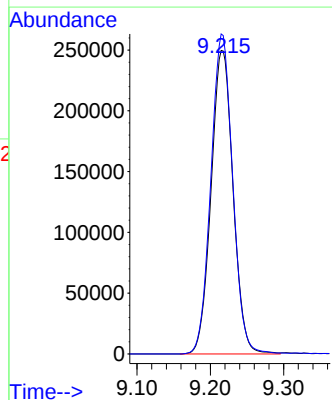
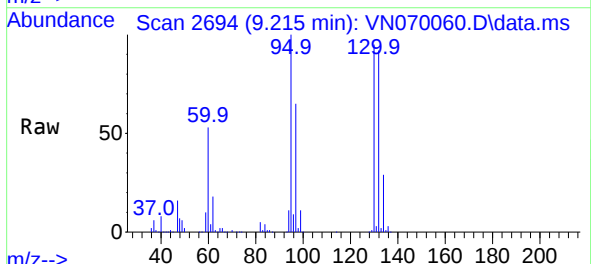
APPROVED

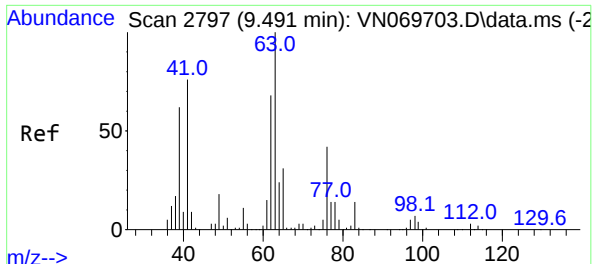
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#44
Trichloroethene
Concen: 48.202 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

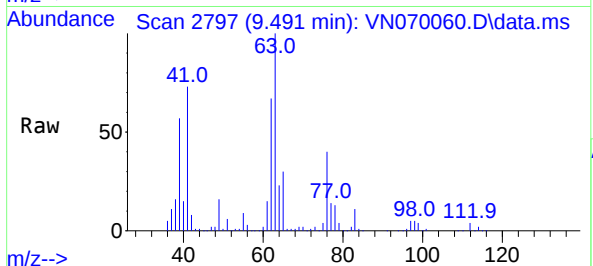
Tgt Ion:130 Resp: 519437
Ion Ratio Lower Upper
130 100
95 105.4 0.0 191.2





#45
1,2-Dichloropropane
Concen: 51.219 ug/l
RT: 9.491 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

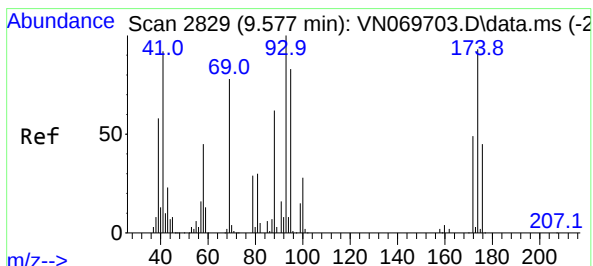
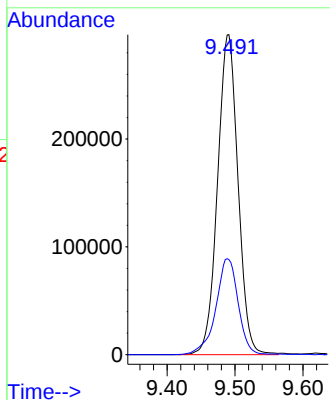
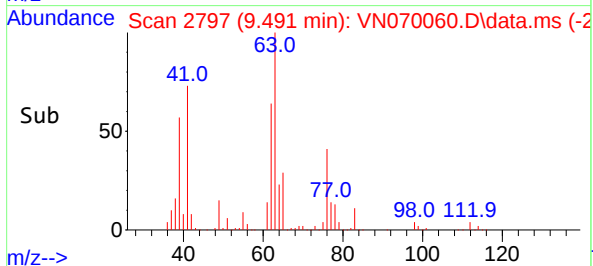
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



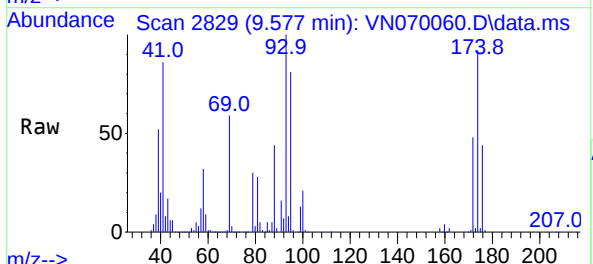
Tgt Ion: 63 Resp: 620984
Ion Ratio Lower Upper
63 100
65 29.6 24.7 37.1

Manual Integrations
APPROVED

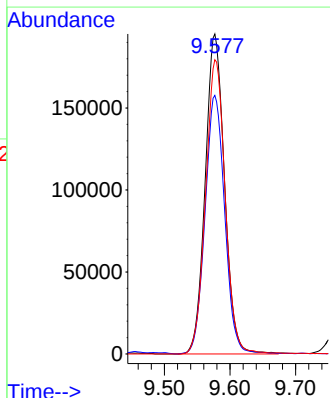
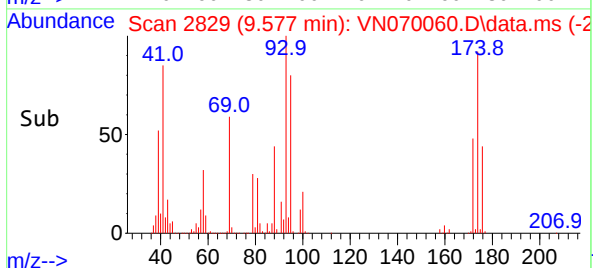
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

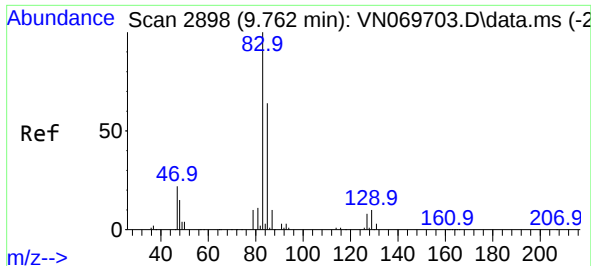


#46
Dibromomethane
Concen: 50.213 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23



Tgt Ion: 93 Resp: 399264
Ion Ratio Lower Upper
93 100
95 82.5 65.9 98.9
174 93.5 84.6 127.0





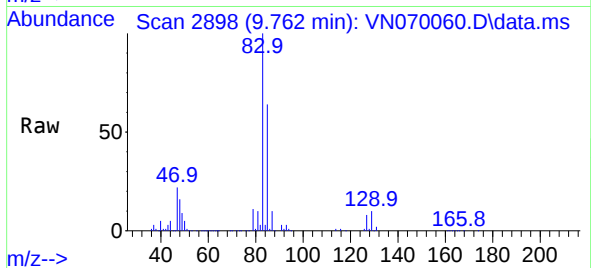
#47
Bromodichloromethane
Concen: 56.670 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

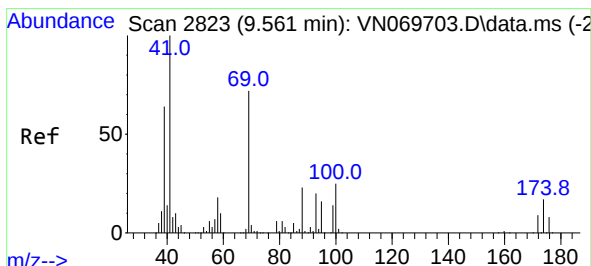
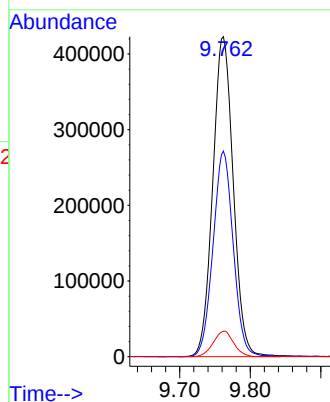
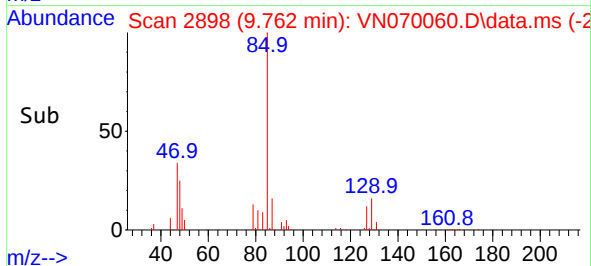


Tgt Ion: 83 Resp: 85315
Ion Ratio Lower Upper
83 100
85 64.2 50.9 76.3
127 8.0 7.1 10.7

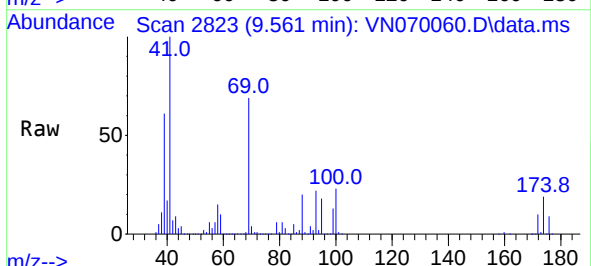
Manual Integrations

APPROVED

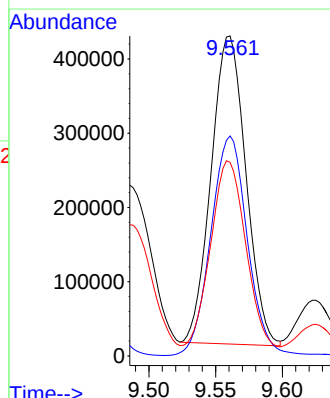
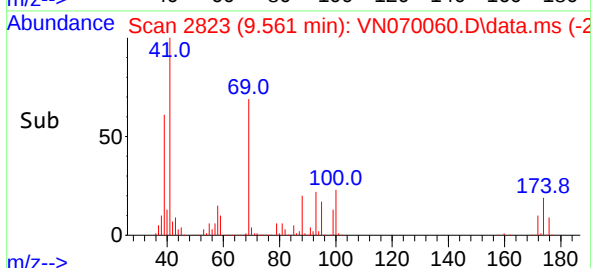
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

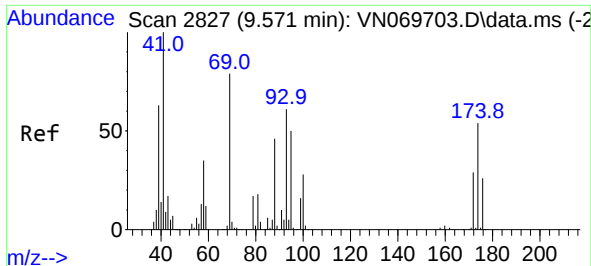


#48
Methyl methacrylate
Concen: 49.603 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23



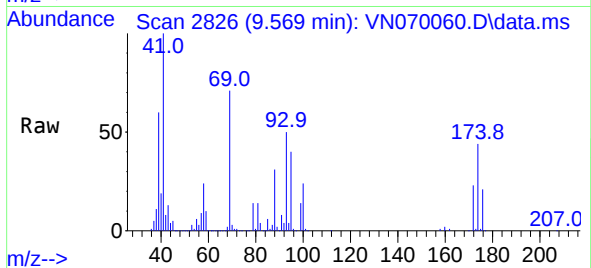
Tgt Ion: 41 Resp: 753115
Ion Ratio Lower Upper
41 100
69 75.2 72.4 108.6
39 66.6 58.4 87.6





#49
1,4-Dioxane
Concen: 799.367 ug/l
RT: 9.569 min Scan# 21776
Delta R.T. -0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

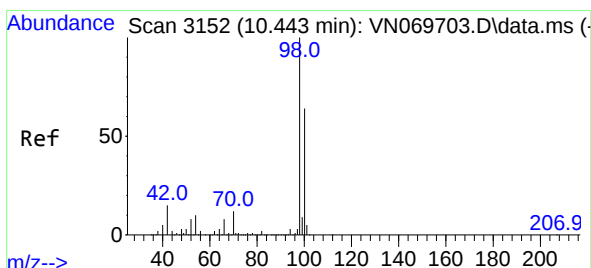
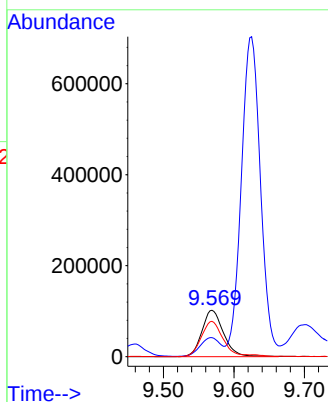
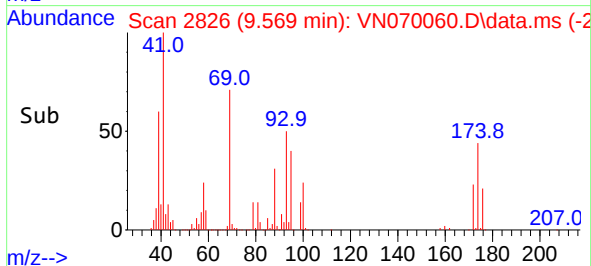
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



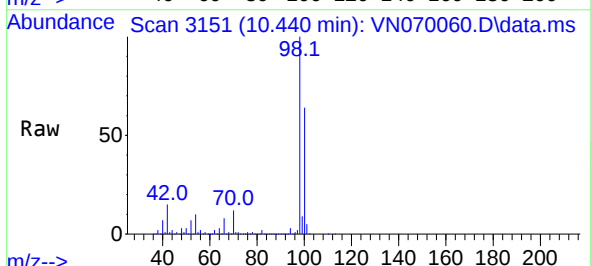
Tgt Ion: 88 Resp: 21776
Ion Ratio Lower Upper
88 100
43 38.6 23.4 35.2
58 78.9 50.6 75.8

Manual Integrations
APPROVED

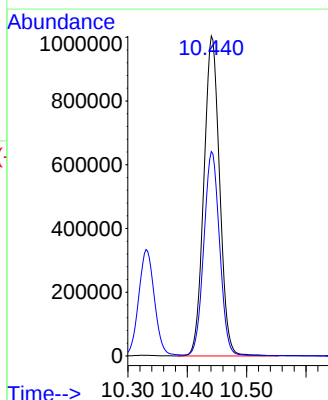
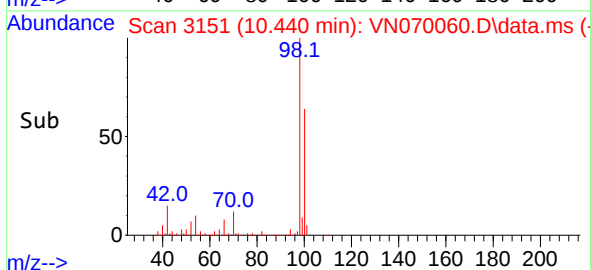
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

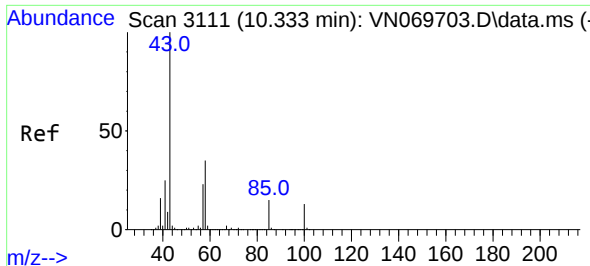


#50
Toluene-d8
Concen: 47.370 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23



Tgt Ion: 98 Resp: 1848629
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6





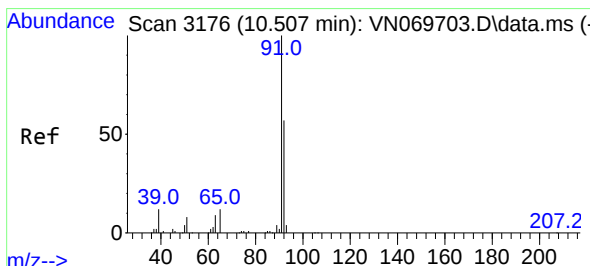
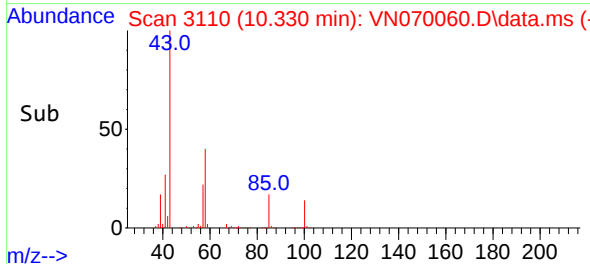
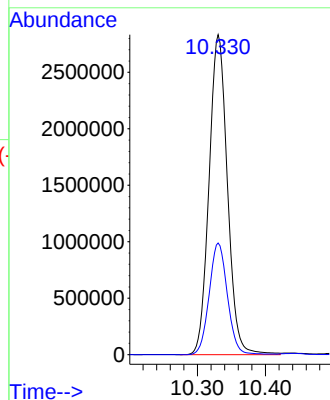
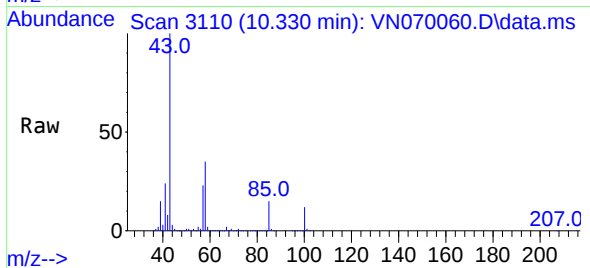
#51
4-Methyl-2-Pentanone
Concen: 252.130 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 532134
Ion Ratio Lower Upper
43 100
58 34.7 30.4 45.6

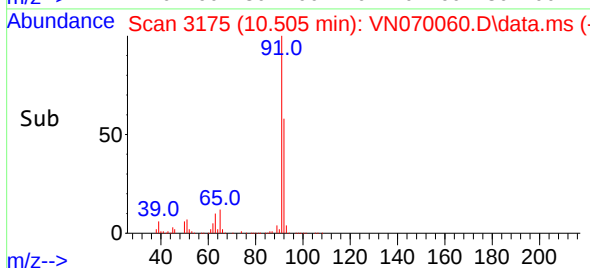
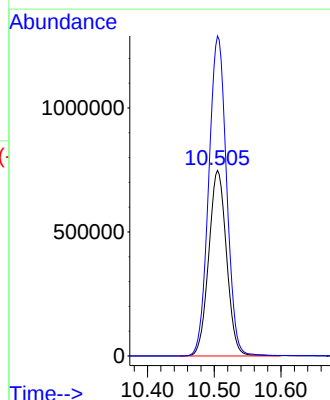
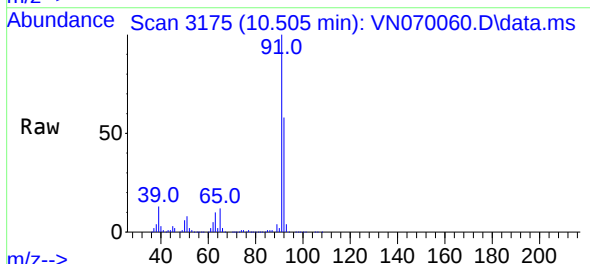
Manual Integrations
APPROVED

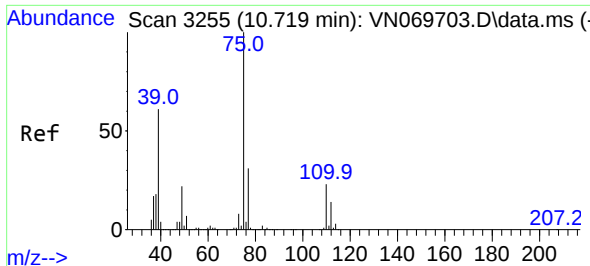
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#52
Toluene
Concen: 50.176 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

Tgt Ion: 92 Resp: 1383056
Ion Ratio Lower Upper
92 100
91 173.6 142.0 213.0





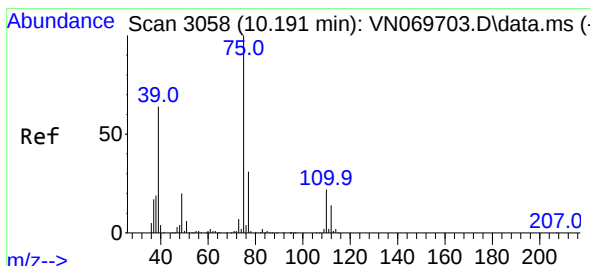
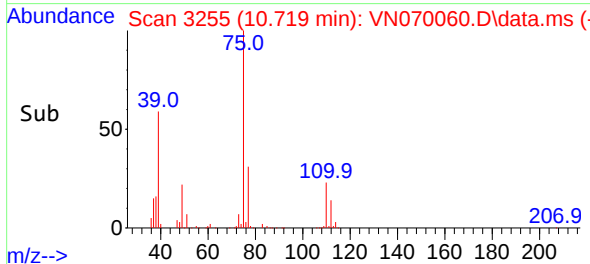
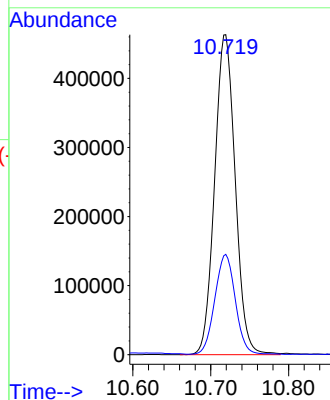
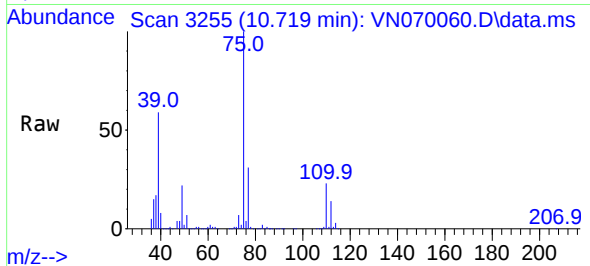
#53
t-1,3-Dichloropropene
Concen: 47.027 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 84846
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4

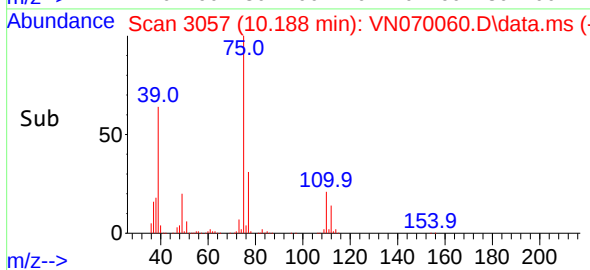
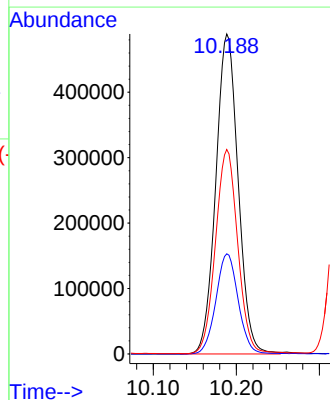
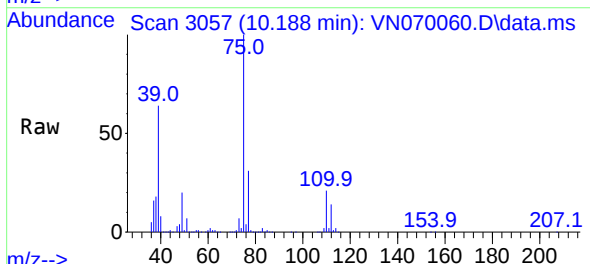
Manual Integrations
APPROVED

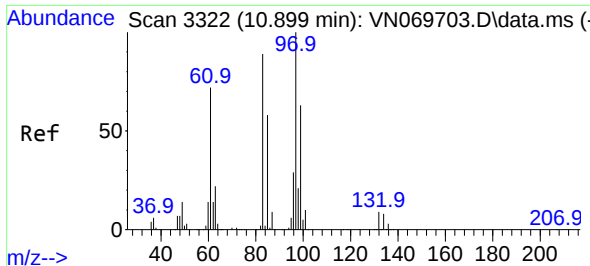
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#54
cis-1,3-Dichloropropene
Concen: 48.217 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

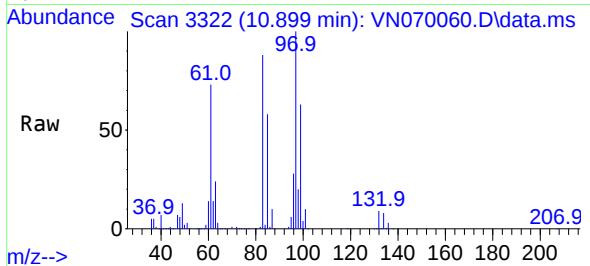
Tgt Ion: 75 Resp: 915008
Ion Ratio Lower Upper
75 100
77 31.3 26.4 39.6
39 63.8 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 50.143 ug/l
RT: 10.899 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

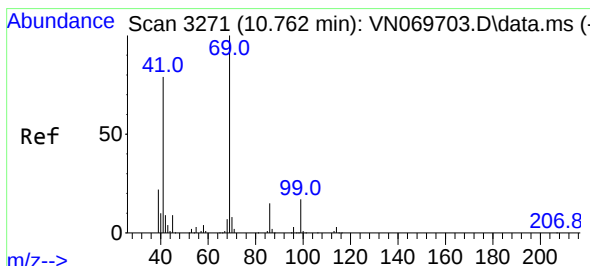
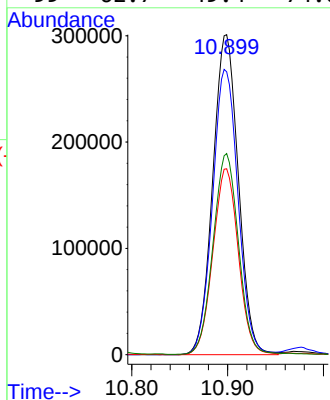
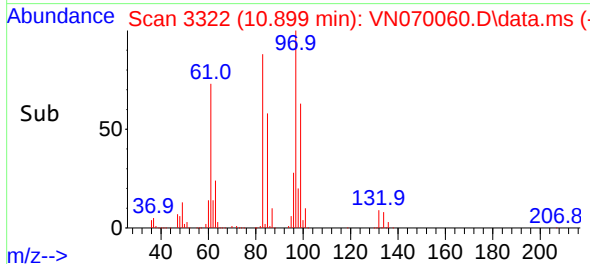
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



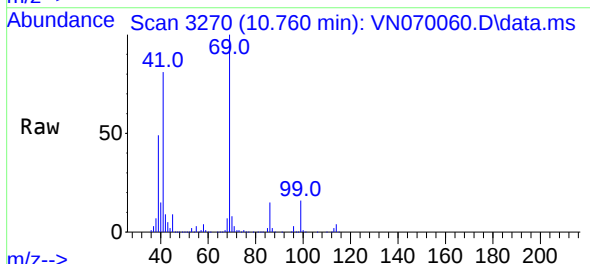
Tgt Ion: 97 Resp: 55766
Ion Ratio Lower Upper
97 100
83 88.4 67.8 101.6
85 58.1 45.4 68.2
99 62.7 49.4 74.0

Manual Integrations
APPROVED

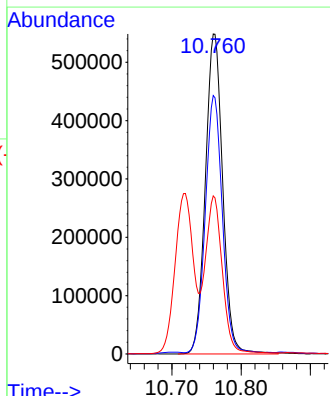
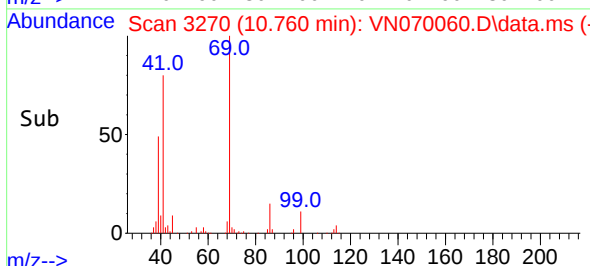
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

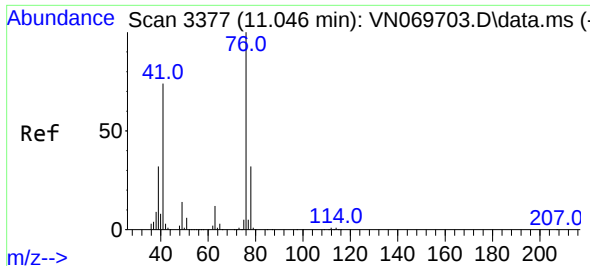


#56
Ethyl methacrylate
Concen: 45.734 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23



Tgt Ion: 69 Resp: 955442
Ion Ratio Lower Upper
69 100
41 78.7 51.4 77.0#
39 46.7 34.6 52.0





#57

1,3-Dichloropropane

Concen: 50.590 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070060.D

Acq: 14 Dec 2021 4:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 990692

Ion Ratio Lower Upper

76 100

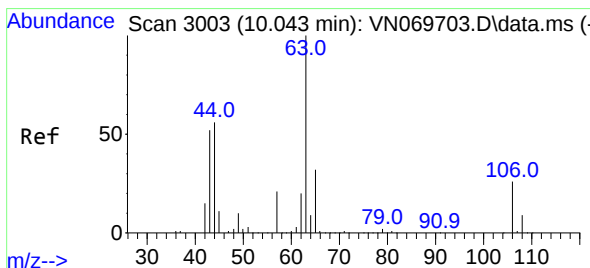
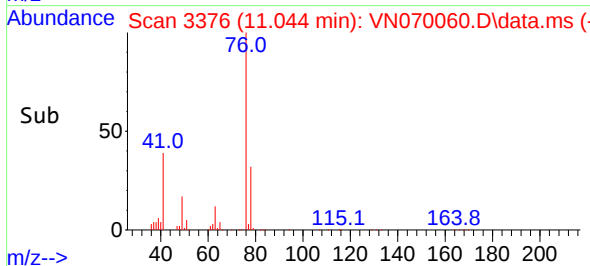
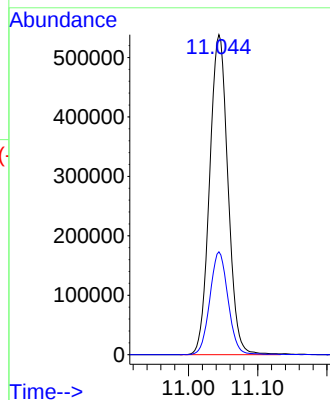
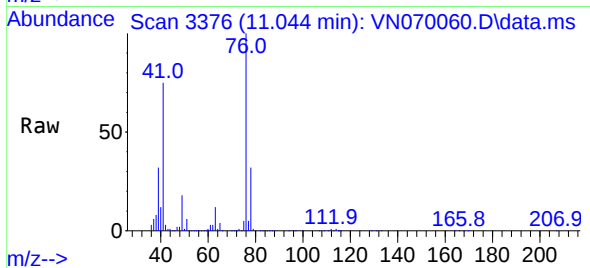
78 31.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2021

Supervised By :Amit Patel 12/15/2021



#58

2-Chloroethyl Vinyl ether

Concen: 203.979 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN070060.D

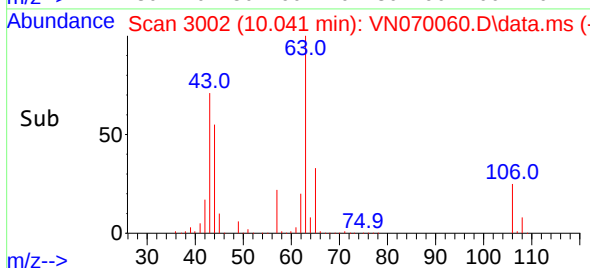
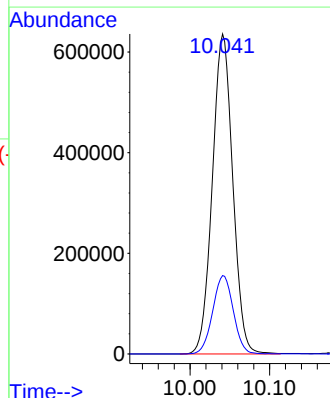
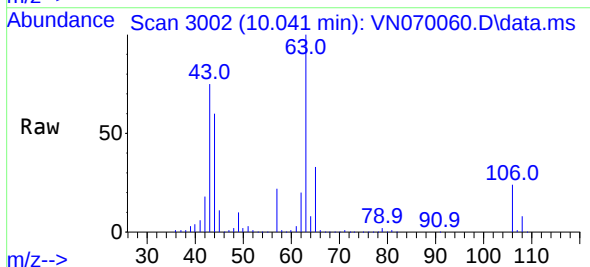
Acq: 14 Dec 2021 4:23

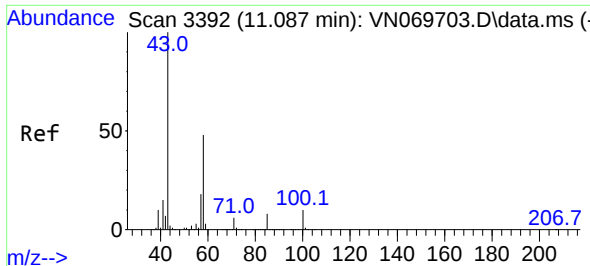
Tgt Ion: 63 Resp: 1135217

Ion Ratio Lower Upper

63 100

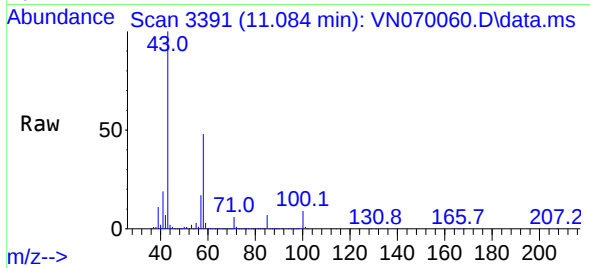
106 24.7 23.9 35.9





#59
2-Hexanone
Concen: 238.466 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

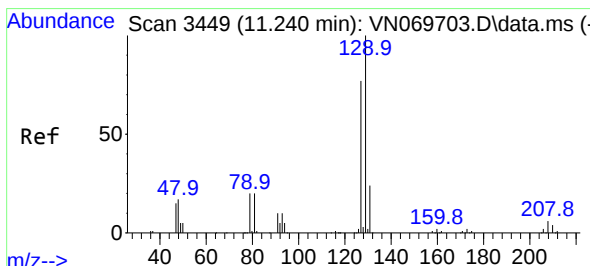
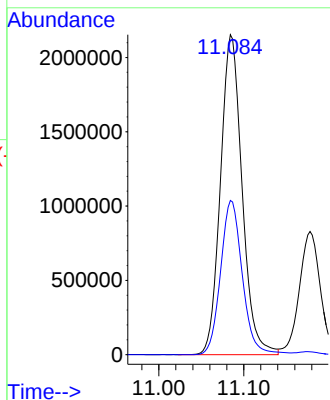
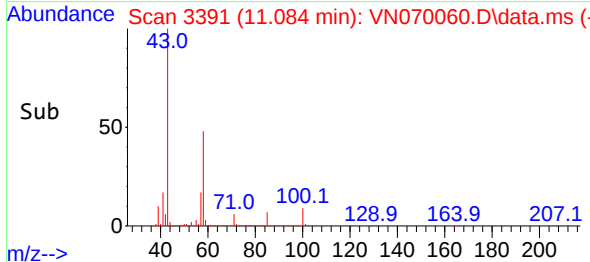
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



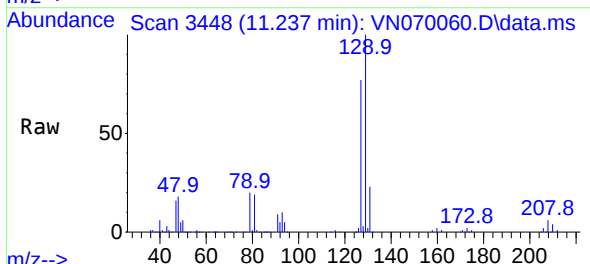
Tgt Ion: 43 Resp: 3807264
Ion Ratio Lower Upper
43 100
58 48.5 26.9 80.7

Manual Integrations
APPROVED

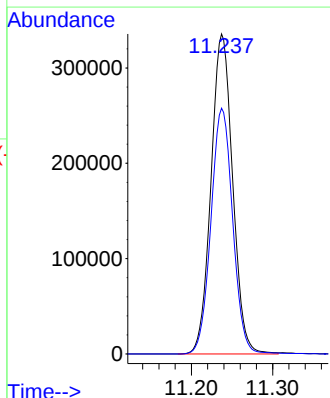
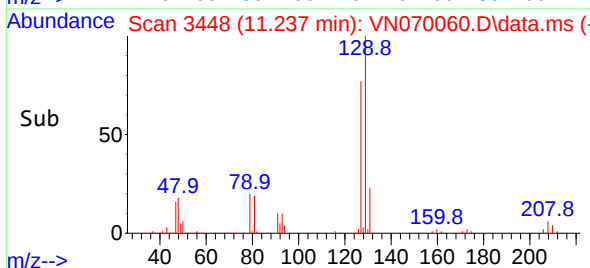
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

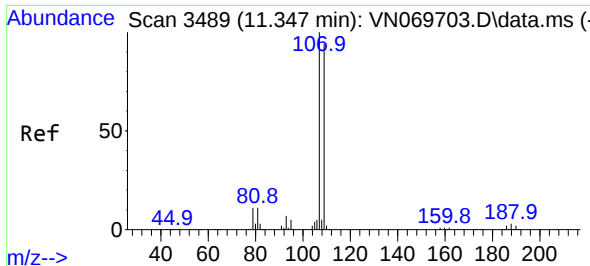


#60
Dibromochloromethane
Concen: 51.993 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23



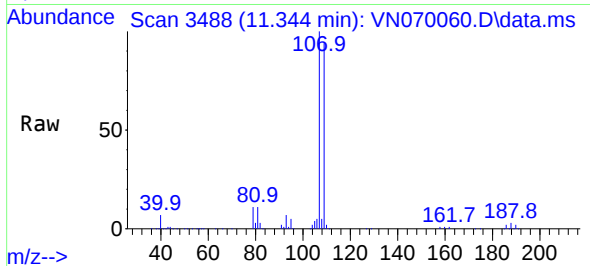
Tgt Ion:129 Resp: 620750
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 49.754 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

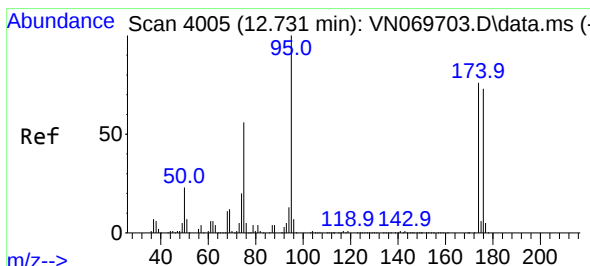
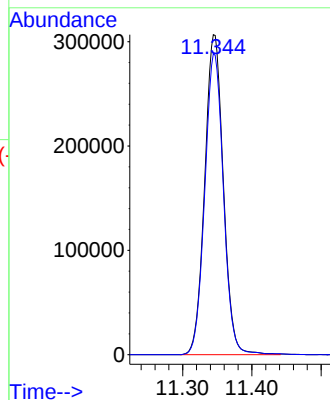
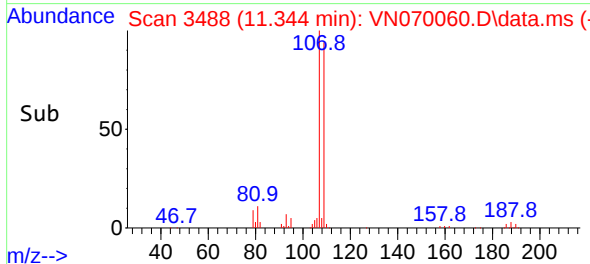
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



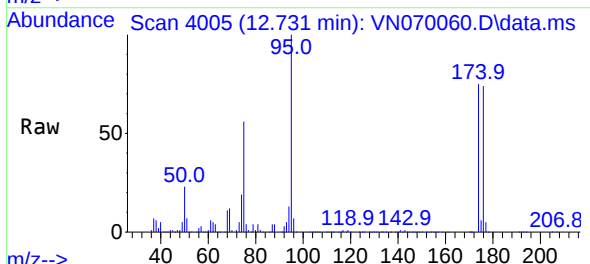
Tgt Ion:107 Resp: 57313
Ion Ratio Lower Upper
107 100
109 94.2 75.7 113.5

Manual Integrations
APPROVED

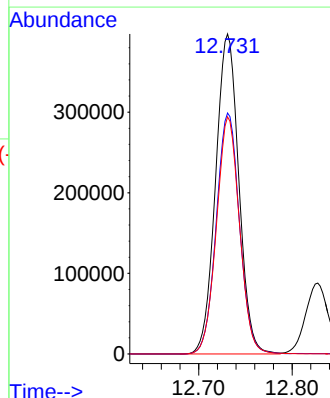
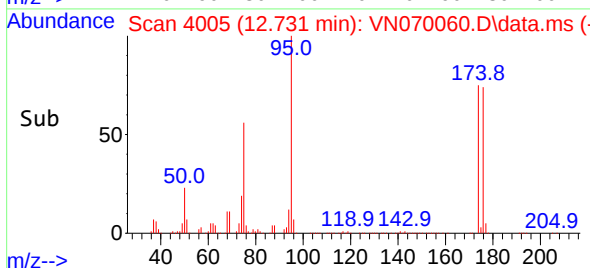
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

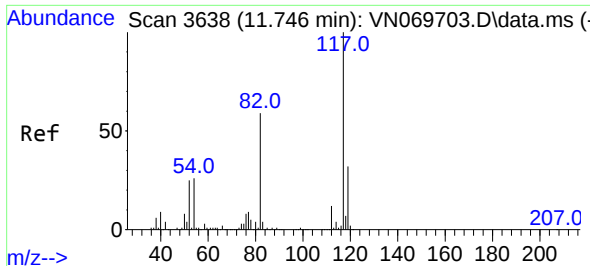


#62
4-Bromofluorobenzene
Concen: 48.439 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23



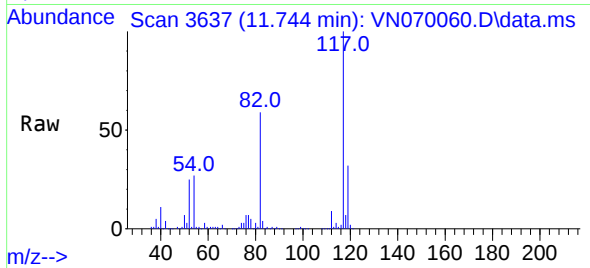
Tgt Ion: 95 Resp: 684824
Ion Ratio Lower Upper
95 100
174 75.5 0.0 187.2
176 73.7 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

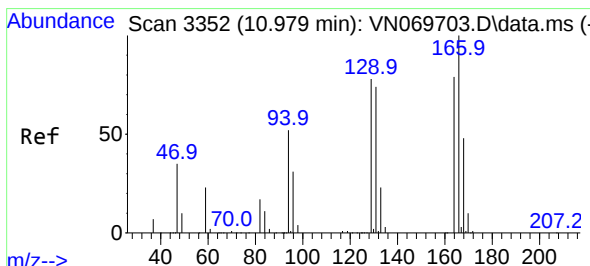
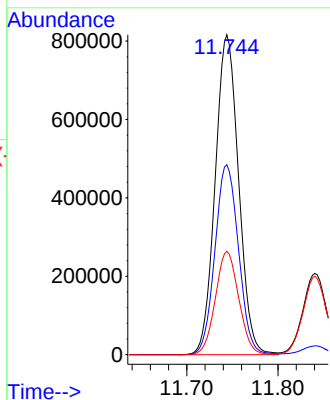
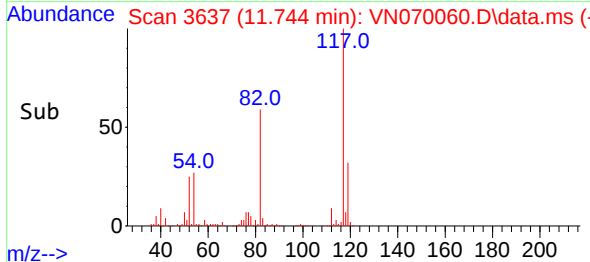
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



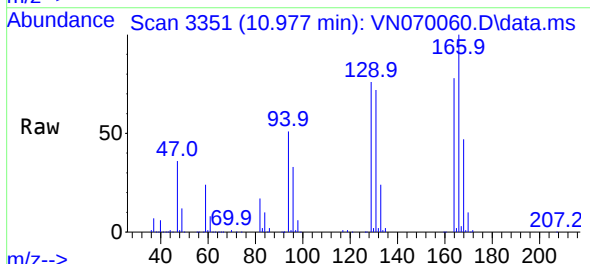
Tgt Ion:117 Resp: 1455359
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 32.3 25.4 38.2

Manual Integrations
APPROVED

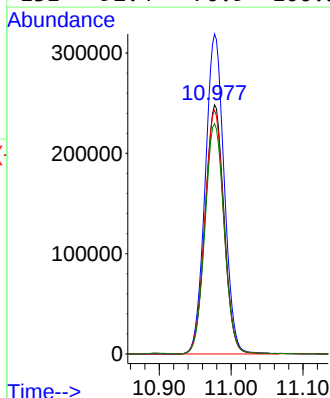
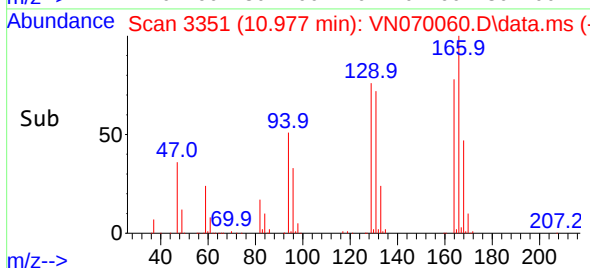
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#64
Tetrachloroethene
Concen: 46.373 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23



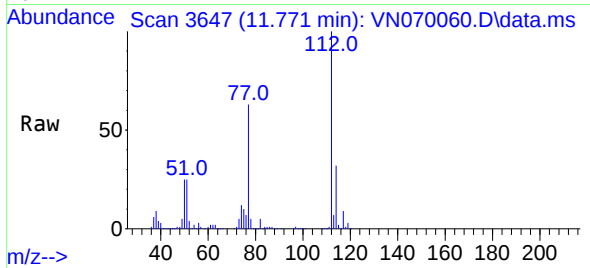
Tgt Ion:164 Resp: 457621
Ion Ratio Lower Upper
164 100
166 128.4 101.9 152.9
129 97.8 72.0 108.0
131 92.4 70.9 106.3





#65
Chlorobenzene
Concen: 49.379 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

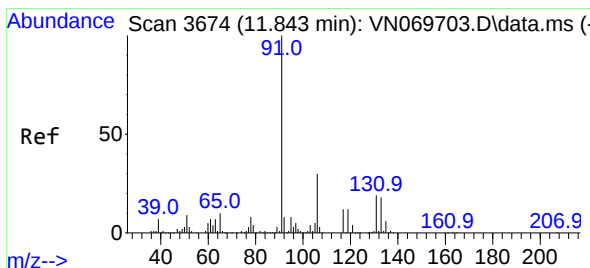
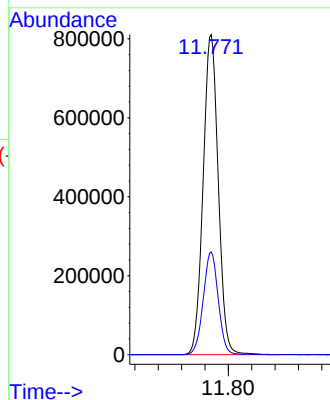
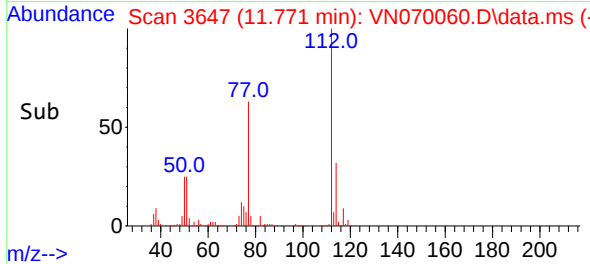
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



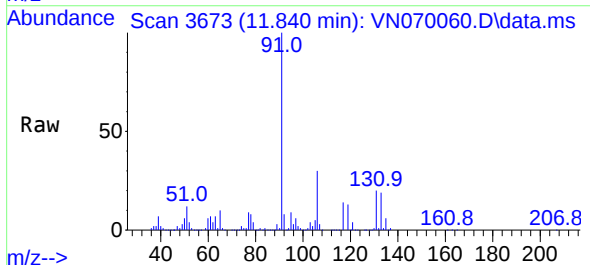
Tgt Ion:112 Resp: 145791
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0

Manual Integrations
APPROVED

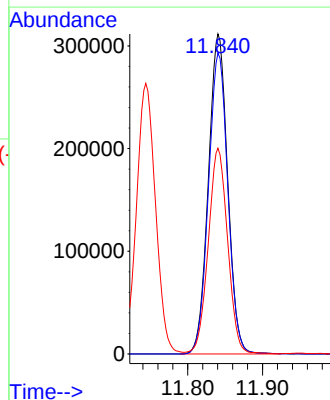
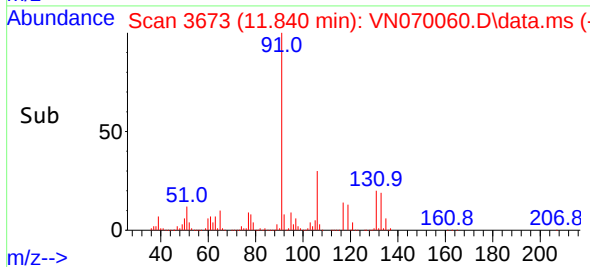
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

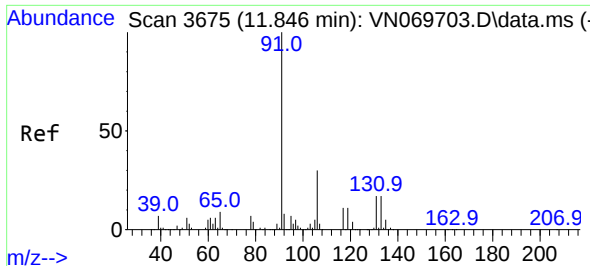


#66
1,1,1,2-Tetrachloroethane
Concen: 53.764 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23



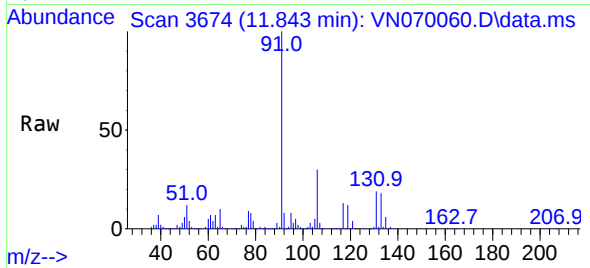
Tgt Ion:131 Resp: 558709
Ion Ratio Lower Upper
131 100
133 94.4 47.9 143.7
119 64.5 32.1 96.5





#67
Ethyl Benzene
Concen: 50.976 ug/l
RT: 11.843 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

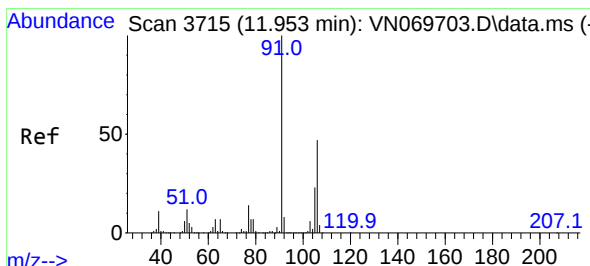
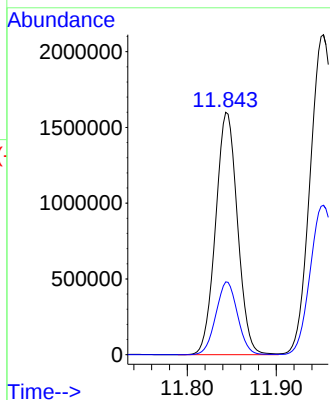
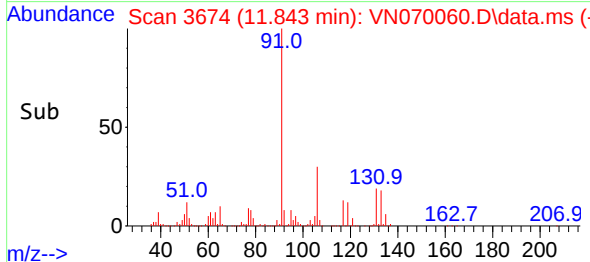
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



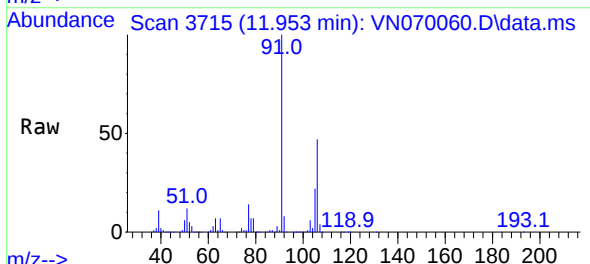
Tgt Ion: 91 Resp: 273391
Ion Ratio Lower Upper
91 100
106 30.0 25.7 38.5

Manual Integrations
APPROVED

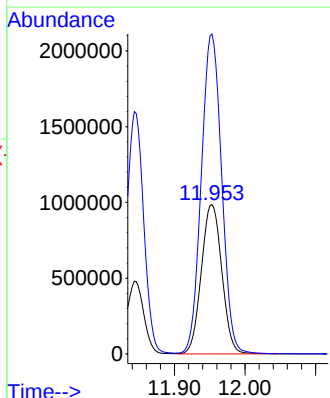
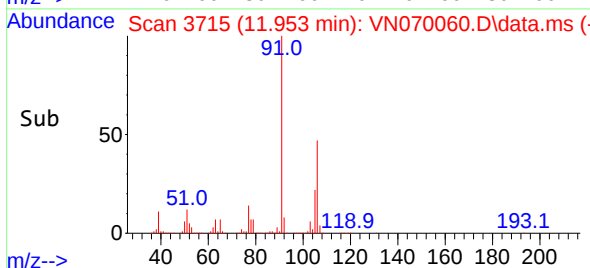
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

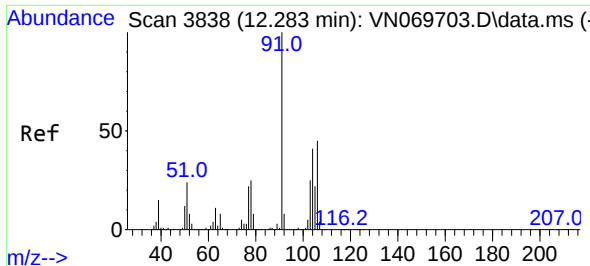


#68
m/p-Xylenes
Concen: 101.713 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23



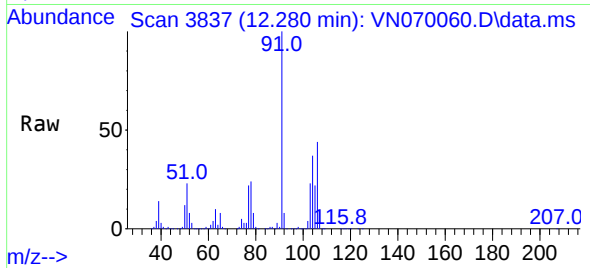
Tgt Ion:106 Resp: 1986207
Ion Ratio Lower Upper
106 100
91 213.3 160.6 240.8





#69
o-Xylene
Concen: 50.199 ug/l
RT: 12.280 min Scan# 3838
Delta R.T. -0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

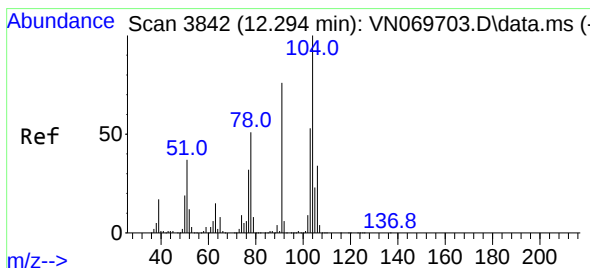
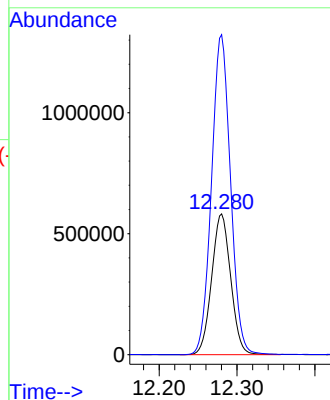
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 98739
Ion Ratio Lower Upper
106 100
91 226.6 105.8 317.3

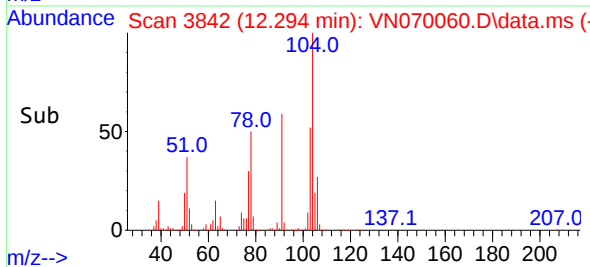
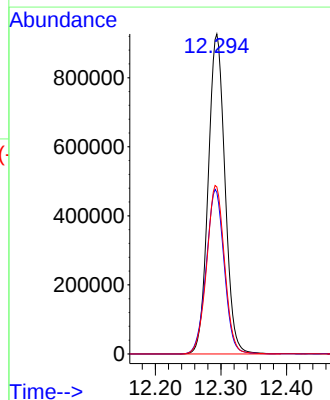
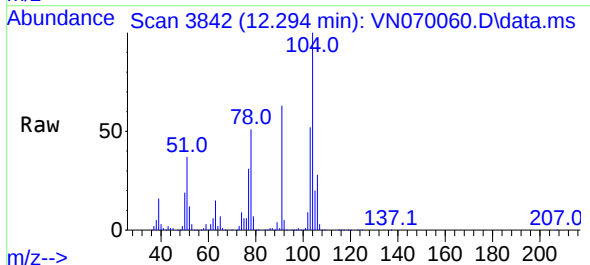
Manual Integrations
APPROVED

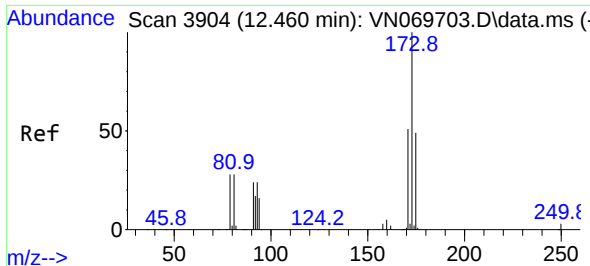
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#70
Styrene
Concen: 52.831 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

Tgt Ion:104 Resp: 1647790
Ion Ratio Lower Upper
104 100
78 55.1 38.7 58.1
103 56.2 45.0 67.6





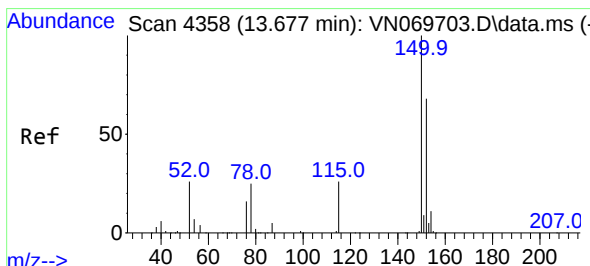
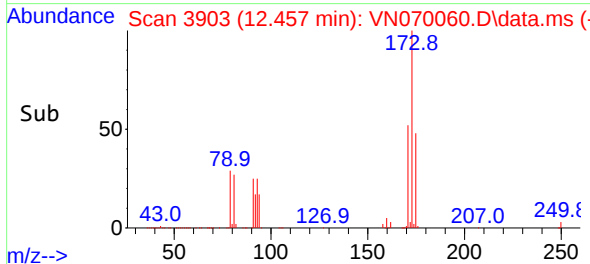
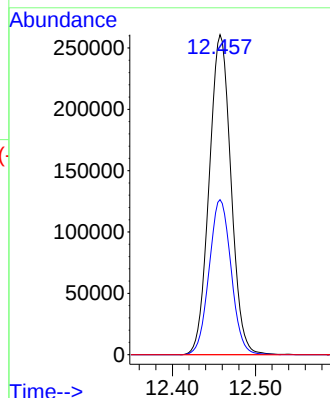
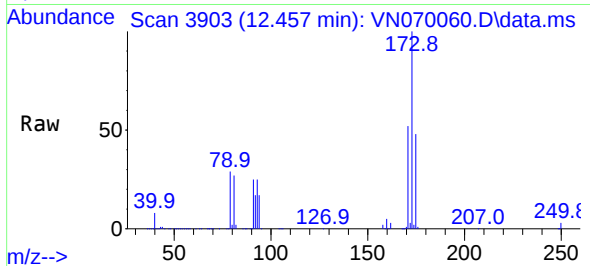
#71
Bromoform
Concen: 53.233 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 47480
Ion Ratio Lower Upper
173 100
175 49.0 24.2 72.6
254 0.0 0.0 0.0

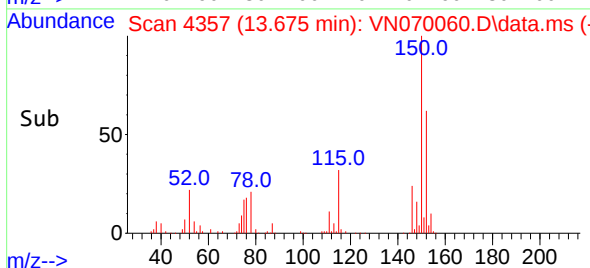
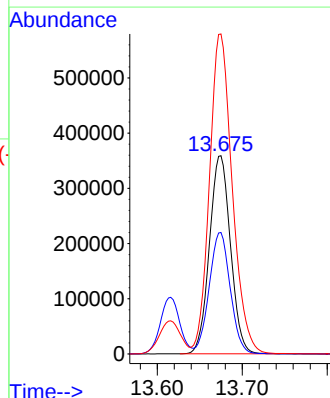
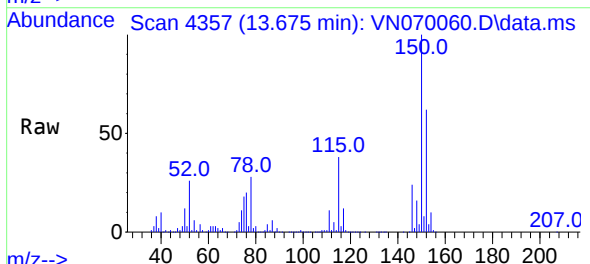
Manual Integrations
APPROVED

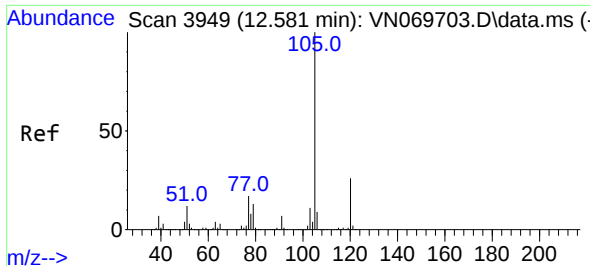
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

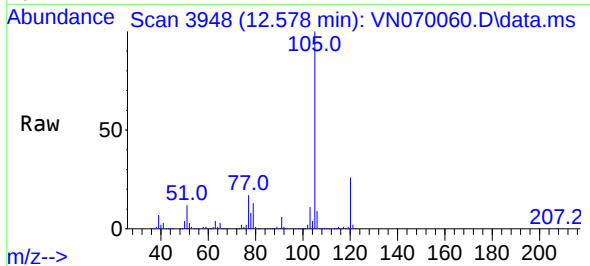
Tgt Ion:152 Resp: 618592
Ion Ratio Lower Upper
152 100
115 61.0 27.5 82.5
150 174.8 0.0 344.4





#73
Isopropylbenzene
Concen: 47.703 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

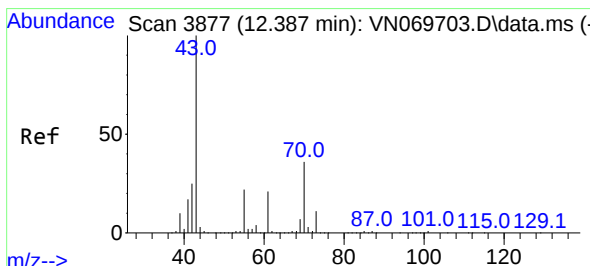
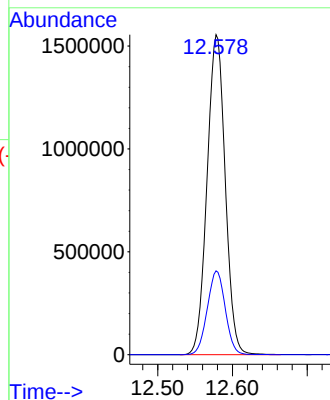
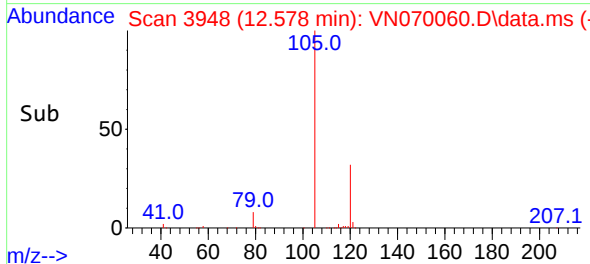
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



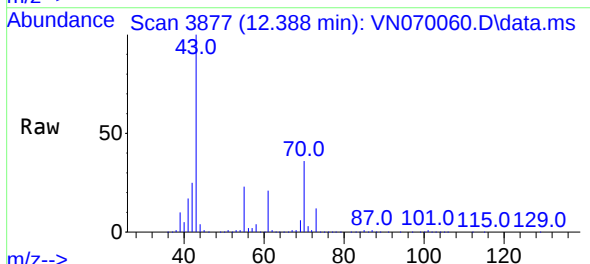
Tgt Ion:105 Resp: 262546
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

Manual Integrations
APPROVED

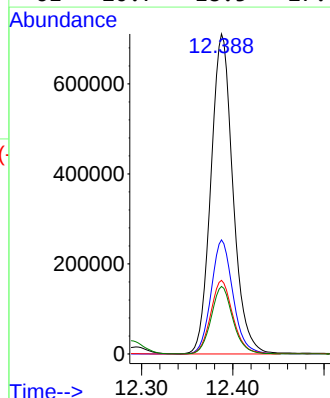
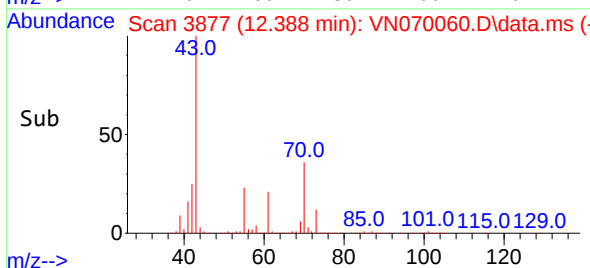
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

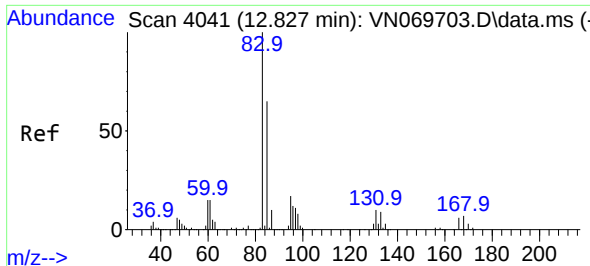


#74
N-ethyl acetate
Concen: 49.028 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23



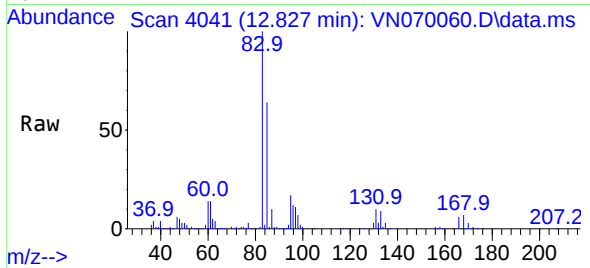
Tgt Ion: 43 Resp: 1193334
Ion Ratio Lower Upper
43 100
70 35.5 33.4 50.0
55 23.2 19.3 28.9
61 20.7 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 47.309 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

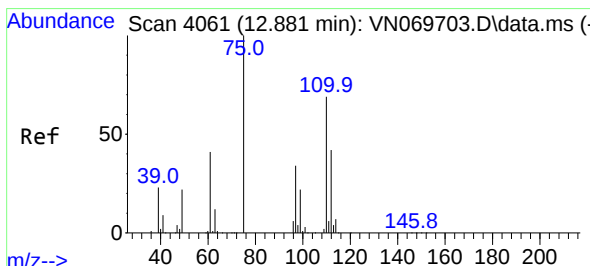
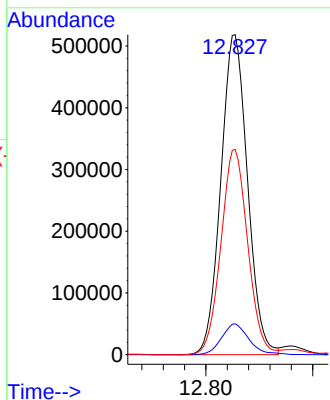
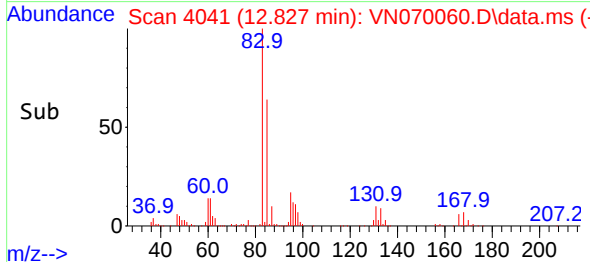
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



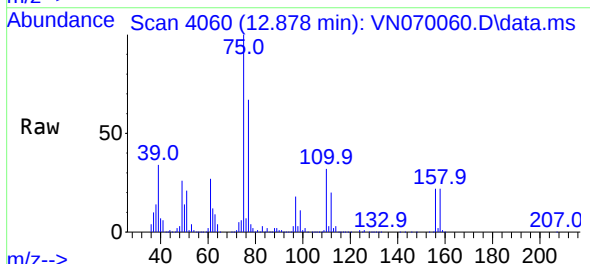
Tgt Ion: 83 Resp: 90039
Ion Ratio Lower Upper
83 100
131 9.9 5.5 16.5
85 64.3 32.4 97.2

Manual Integrations
APPROVED

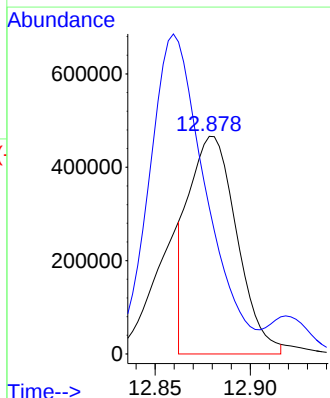
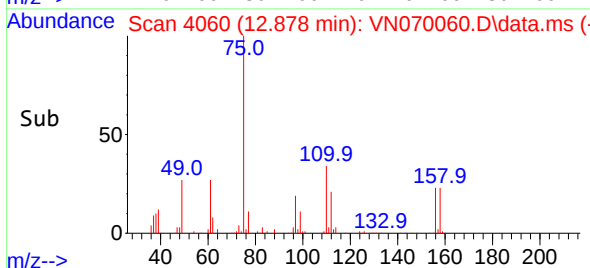
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

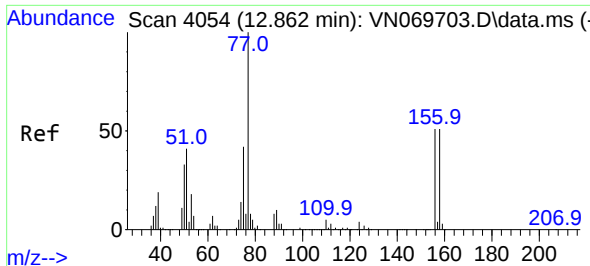


#76
1,2,3-Trichloropropane
Concen: 46.003 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23



Tgt Ion: 75 Resp: 816090
Ion Ratio Lower Upper
75 100
77 173.5 82.6 247.8





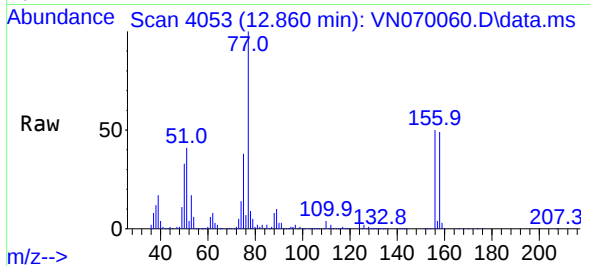
#77
Bromobenzene
Concen: 47.473 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

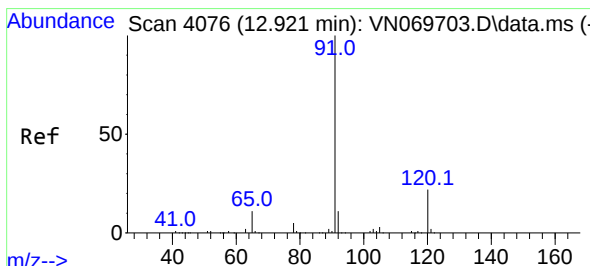
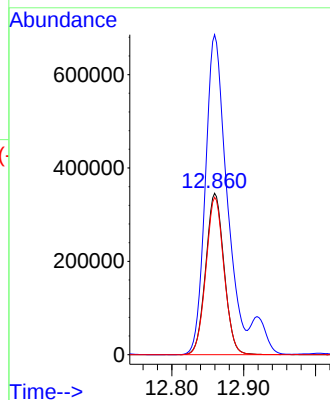
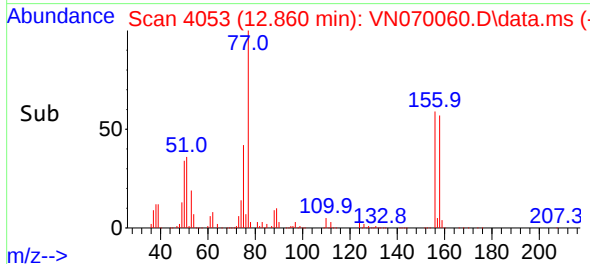


Tgt Ion:156 Resp: 613700
Ion Ratio Lower Upper
156 100
77 230.8 90.6 271.8
158 96.7 48.9 146.7

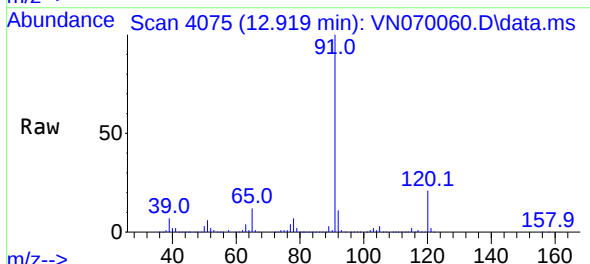
Manual Integrations

APPROVED

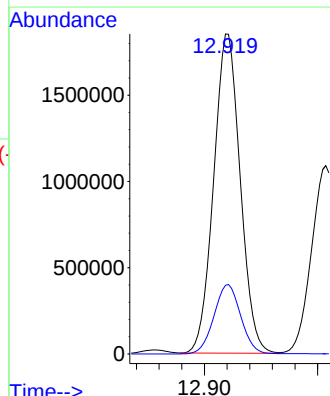
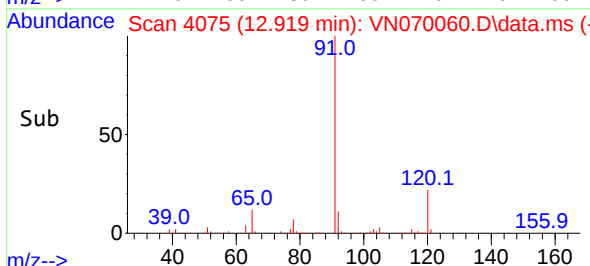
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

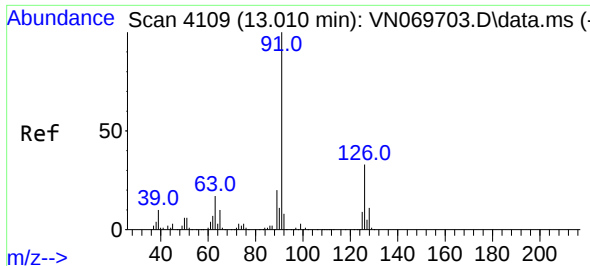


#78
n-propylbenzene
Concen: 49.100 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23



Tgt Ion: 91 Resp: 3007076
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9





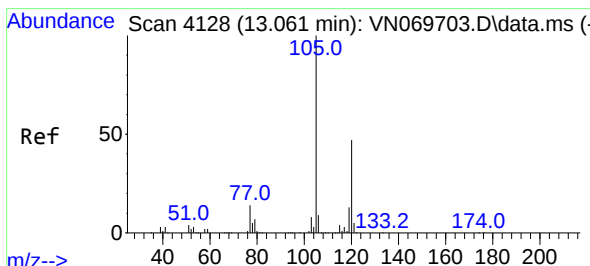
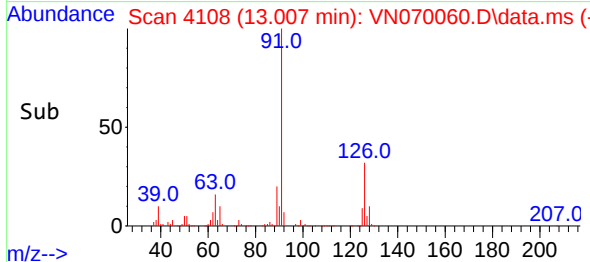
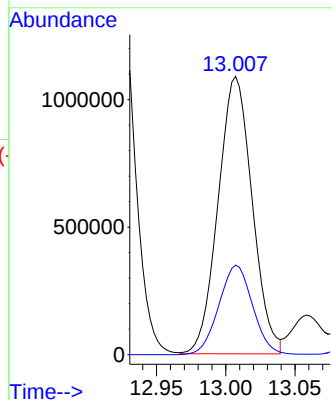
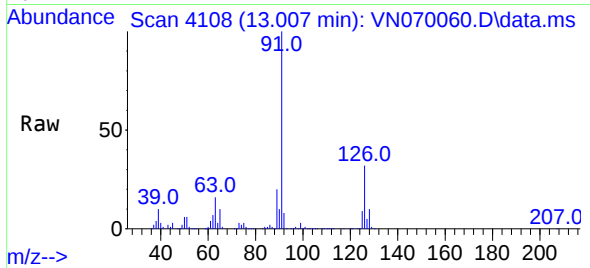
#79
2-Chlorotoluene
Concen: 48.116 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1862040
Ion Ratio Lower Upper
91 100
126 32.1 18.3 54.8

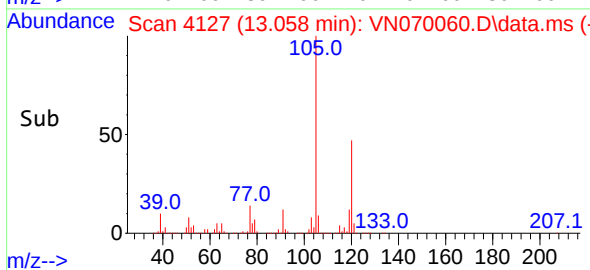
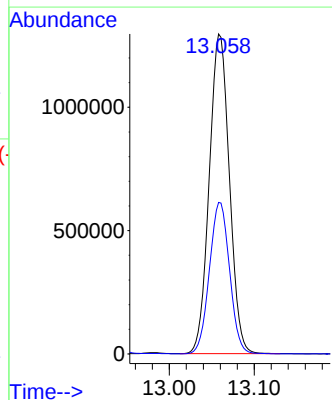
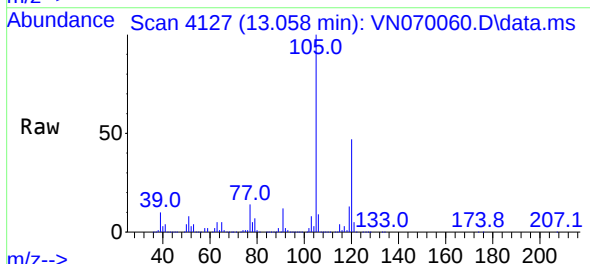
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#80
1,3,5-Trimethylbenzene
Concen: 48.152 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

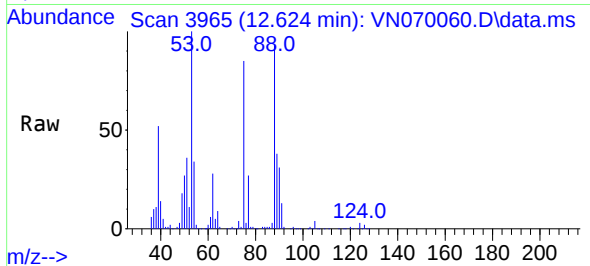
Tgt Ion:105 Resp: 2133079
Ion Ratio Lower Upper
105 100
120 47.3 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 47.235 ug/l
RT: 12.624 min Scan# 3966
Delta R.T. -0.002 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

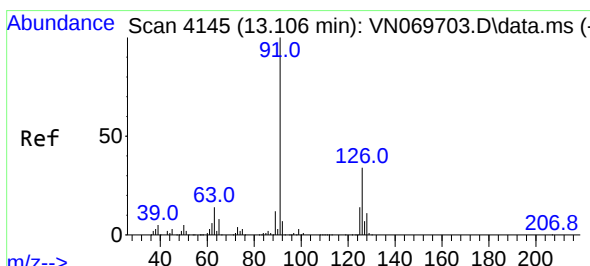
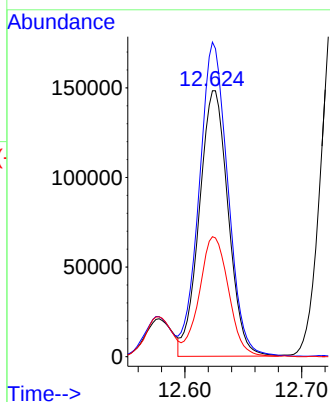
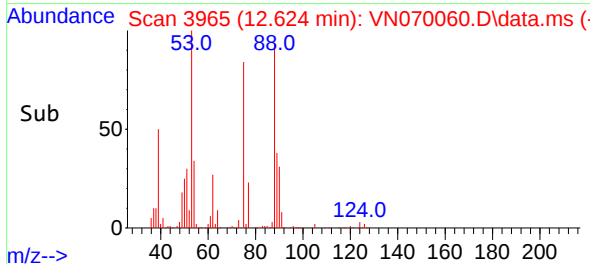
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



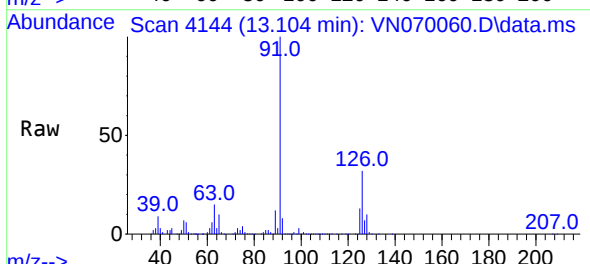
Tgt Ion: 75 Resp: 25470
Ion Ratio Lower Upper
75 100
53 117.6 90.5 135.7
89 45.4 38.2 57.4

Manual Integrations
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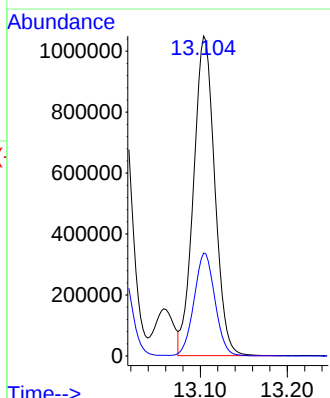
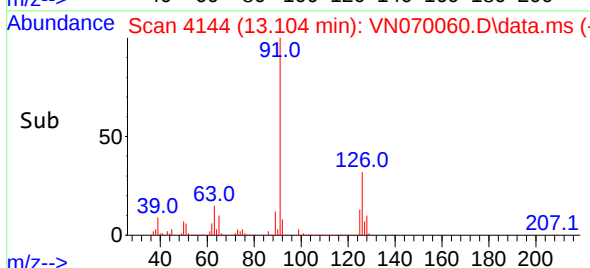
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#82
4-Chlorotoluene
Concen: 48.755 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23



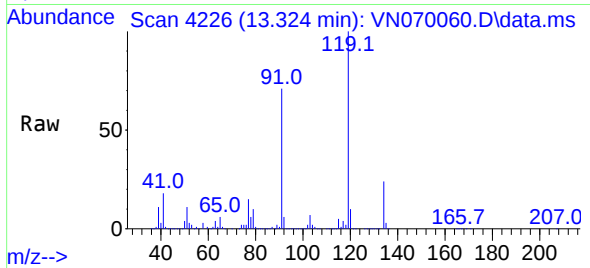
Tgt Ion: 91 Resp: 1774359
Ion Ratio Lower Upper
91 100
126 31.8 18.2 54.6





#83
tert-Butylbenzene
Concen: 47.674 ug/l
RT: 13.324 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

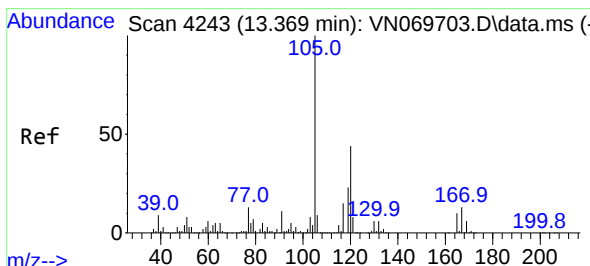
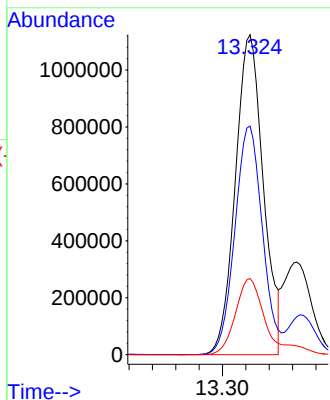
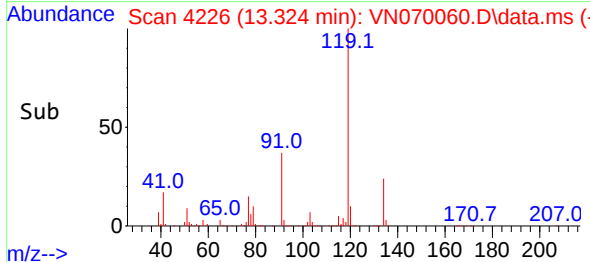
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



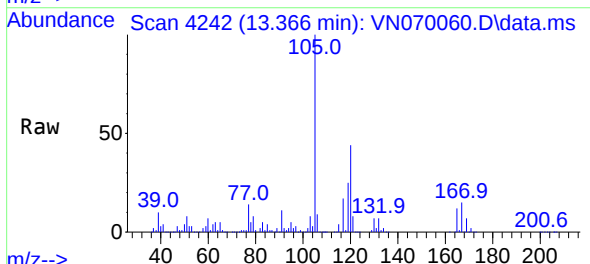
Tgt Ion:119 Resp: 1870038
Ion Ratio Lower Upper
119 100
91 70.6 31.5 94.5
134 26.1 12.4 37.4

Manual Integrations
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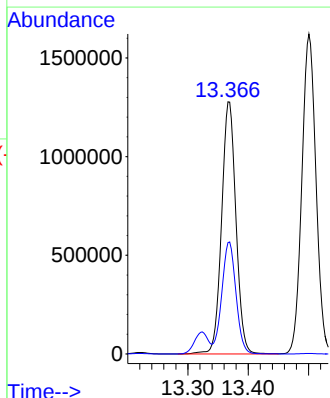
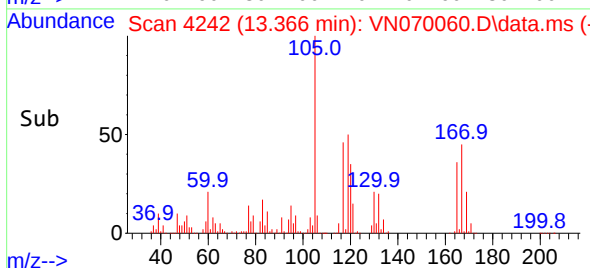
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

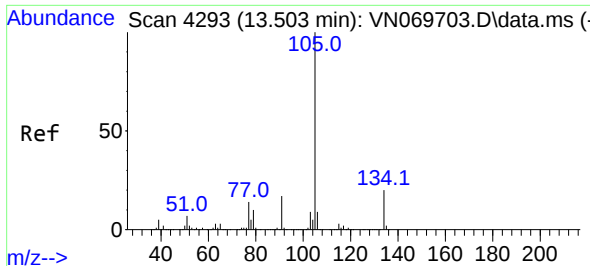


#84
1,2,4-Trimethylbenzene
Concen: 49.984 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23



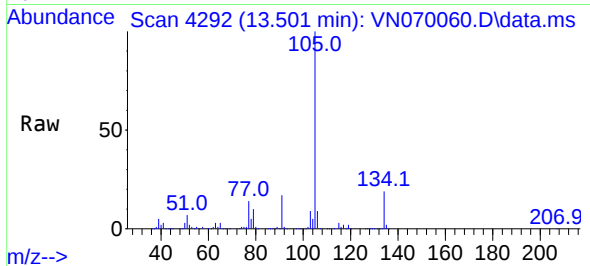
Tgt Ion:105 Resp: 2108716
Ion Ratio Lower Upper
105 100
120 43.9 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 49.458 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.003 min
 Lab File: VN070060.D
 Acq: 14 Dec 2021 4:23

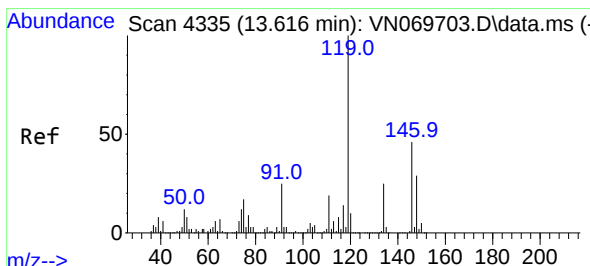
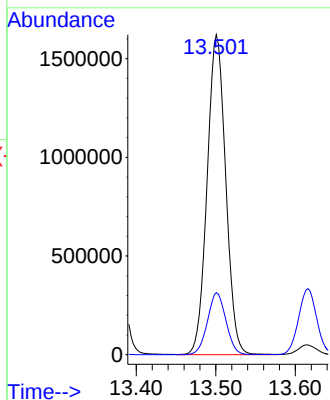
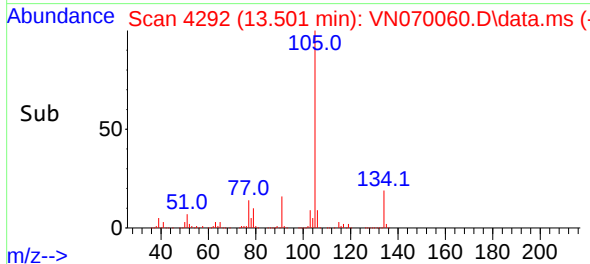
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



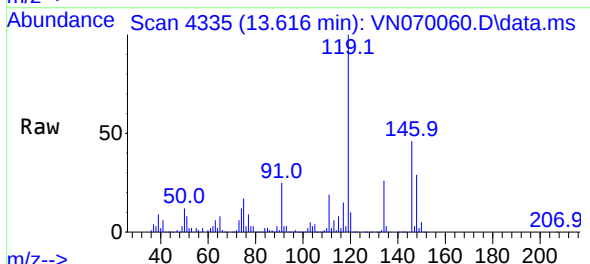
Tgt Ion:105 Resp: 263144
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.4 31.1

Manual Integrations
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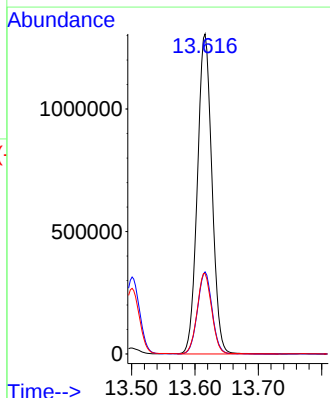
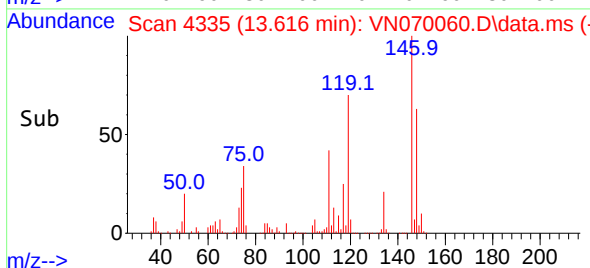
Reviewed By :John Carlone 12/14/2021
 Supervised By :Amit Patel 12/15/2021

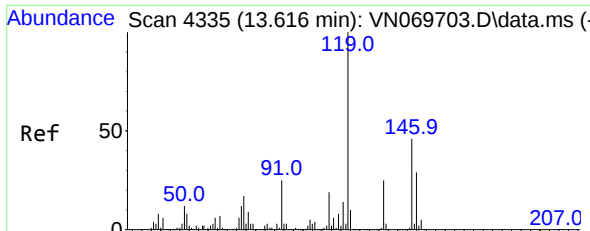


#86
 p-Isopropyltoluene
 Concen: 49.974 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070060.D
 Acq: 14 Dec 2021 4:23



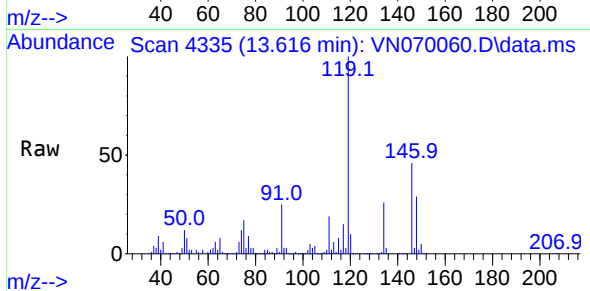
Tgt Ion:119 Resp: 2078335
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.6 40.7
 91 25.0 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 48.444 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

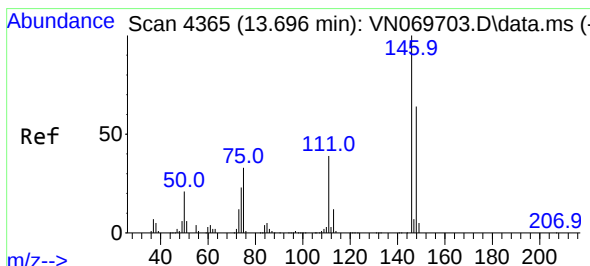
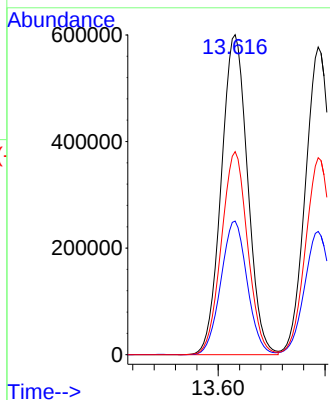
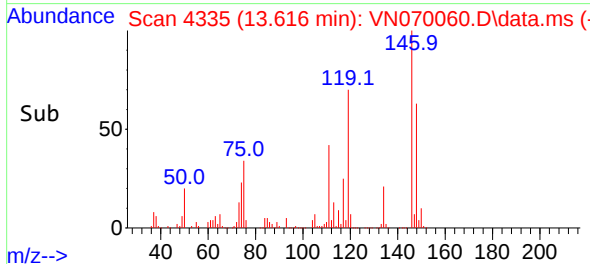
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



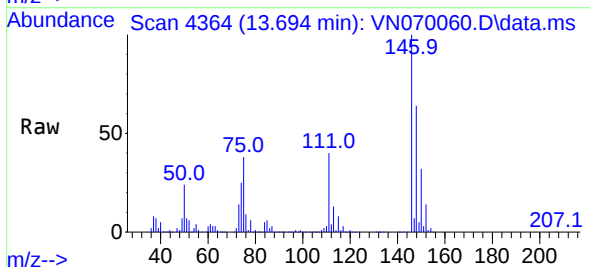
Tgt Ion:146 Resp: 1028830
Ion Ratio Lower Upper
146 100
111 41.8 18.6 55.6
148 63.4 31.6 95.0

Manual Integrations
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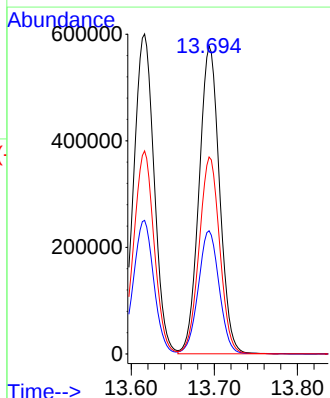
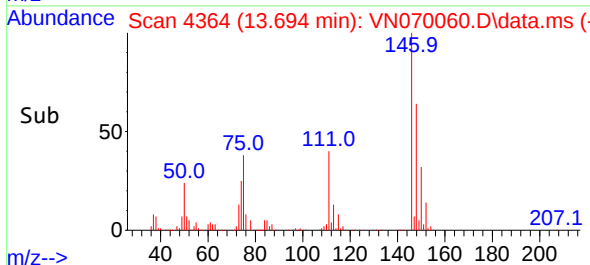
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#88
1,4-Dichlorobenzene
Concen: 47.376 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23



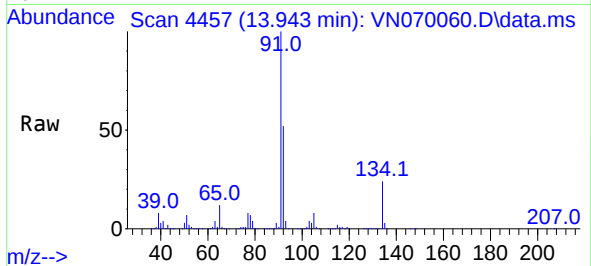
Tgt Ion:146 Resp: 988791
Ion Ratio Lower Upper
146 100
111 40.4 18.3 54.8
148 64.0 31.8 95.4





#89
n-Butylbenzene
Concen: 50.056 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

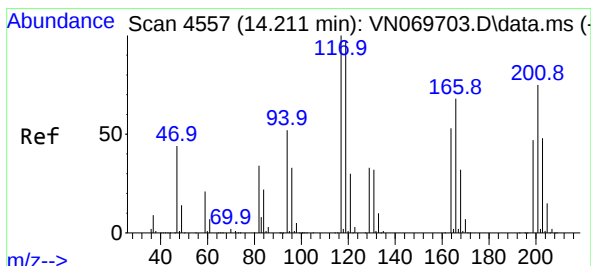
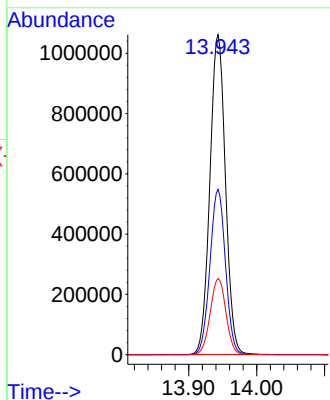
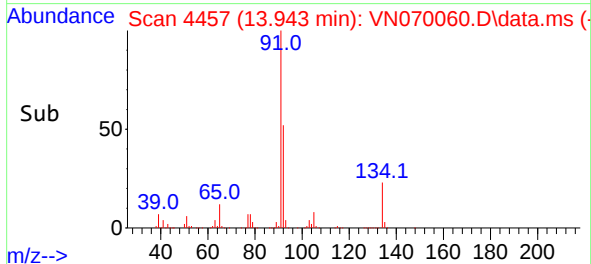
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



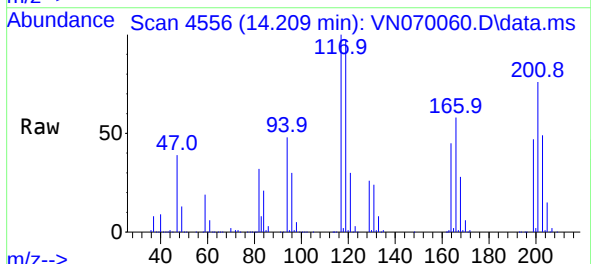
Tgt Ion: 91 Resp: 168870
Ion Ratio Lower Upper
91 100
92 51.7 25.4 76.0
134 24.2 13.6 40.8

Manual Integrations
APPROVED

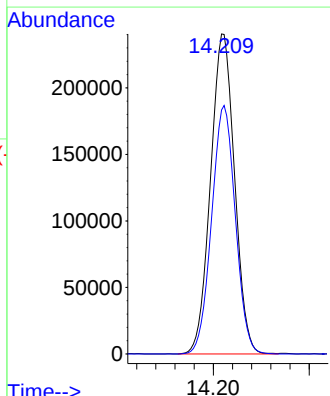
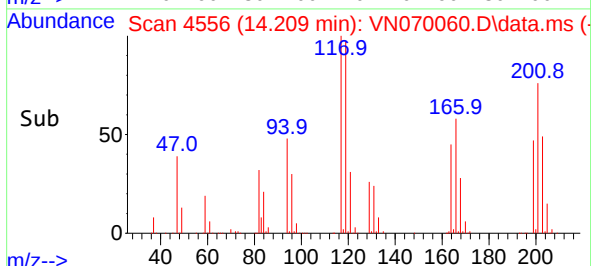
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

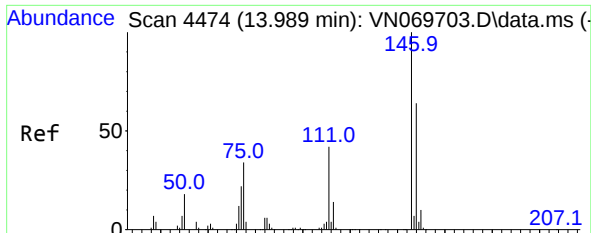


#90
Hexachloroethane
Concen: 57.252 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23



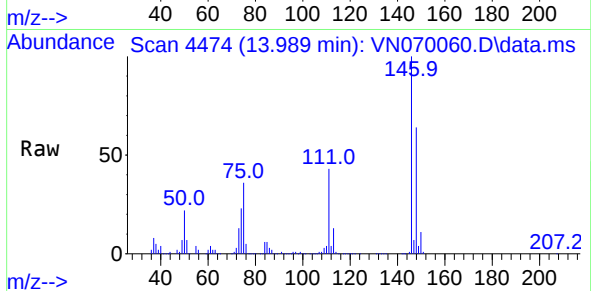
Tgt Ion:117 Resp: 418034
Ion Ratio Lower Upper
117 100
201 76.6 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 48.242 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

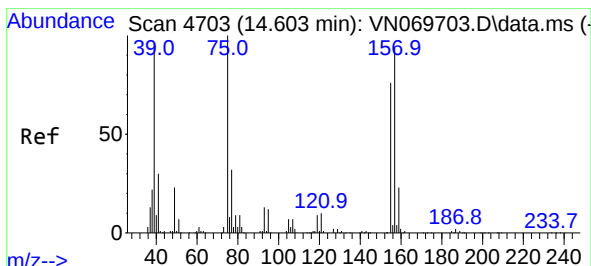
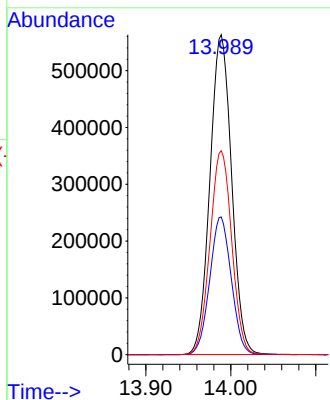
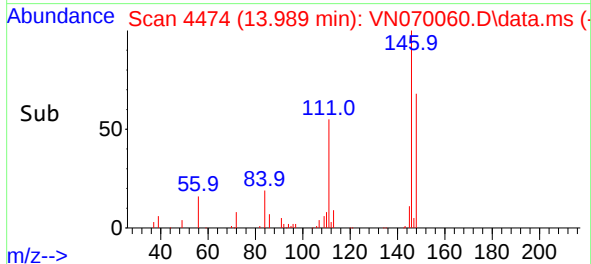
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



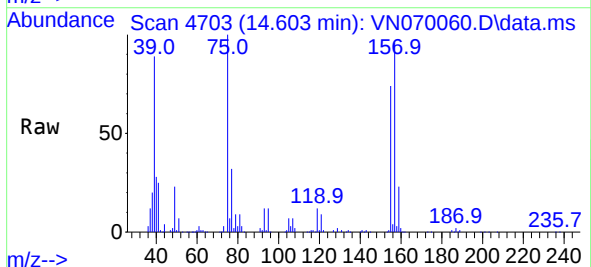
Tgt Ion:146 Resp: 998280
Ion Ratio Lower Upper
146 100
111 42.9 19.1 57.3
148 64.2 32.1 96.3

Manual Integrations
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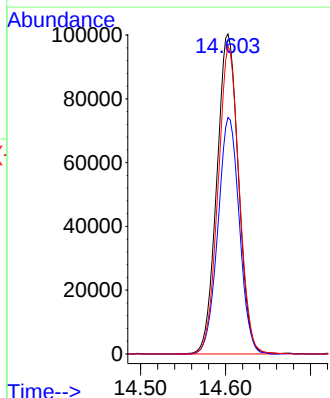
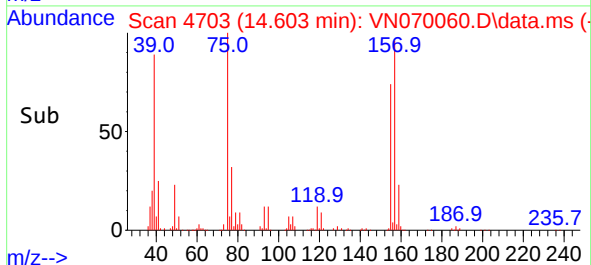
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

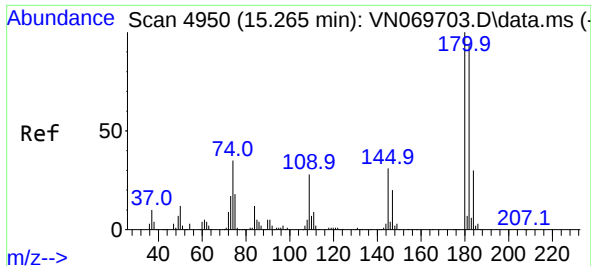


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.792 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23



Tgt Ion: 75 Resp: 178116
Ion Ratio Lower Upper
75 100
155 72.9 46.9 140.7
157 93.4 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 47.175 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

Instrument :

MSVOA_N

ClientSampleId :

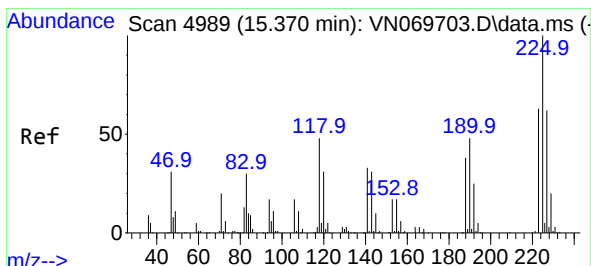
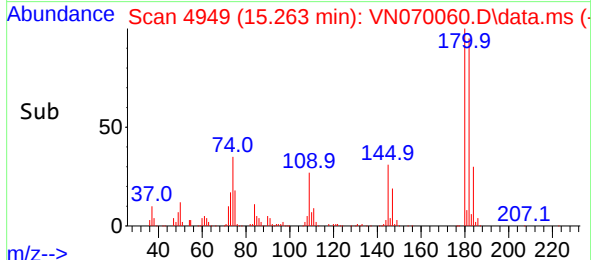
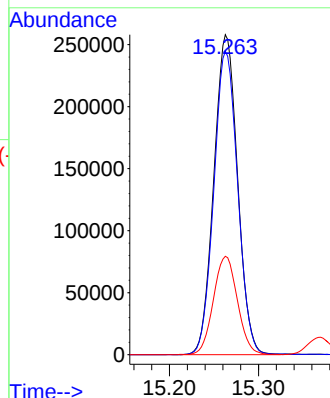
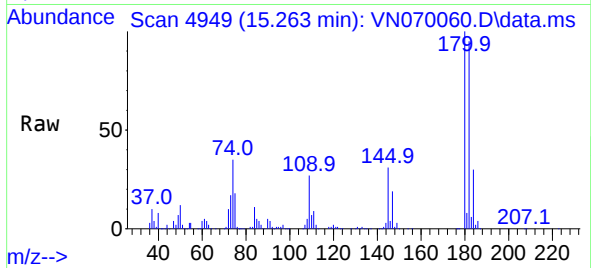
VSTDCCC050EC

Tgt Ion:180 Resp: 477034
Ion Ratio Lower Upper
180 100
182 95.4 48.3 144.9
145 31.3 14.5 43.5

Manual Integrations

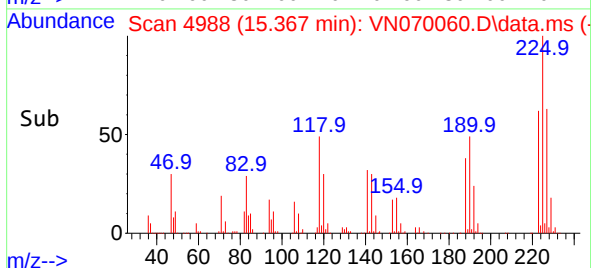
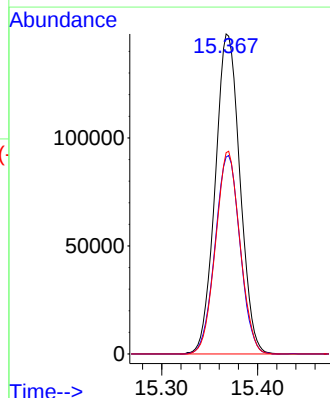
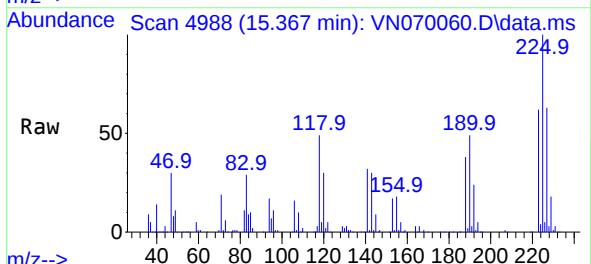
APPROVED

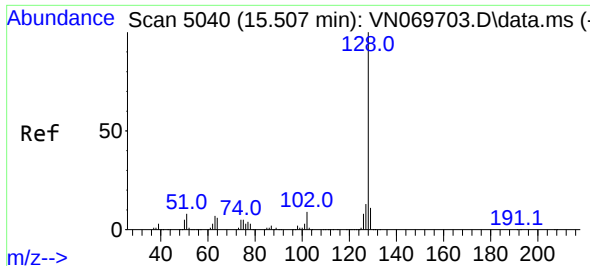
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#94
Hexachlorobutadiene
Concen: 48.338 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. -0.003 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

Tgt Ion:225 Resp: 265091
Ion Ratio Lower Upper
225 100
223 62.5 31.9 95.7
227 62.5 32.1 96.3





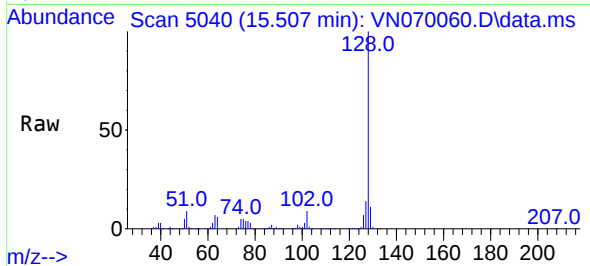
#95
Naphthalene
Concen: 45.980 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

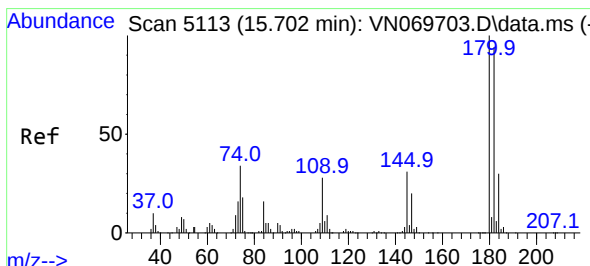
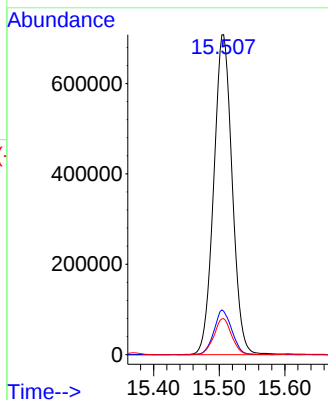
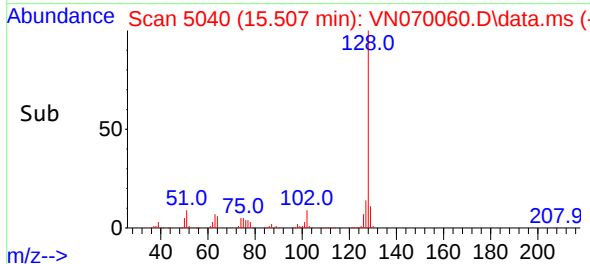


Tgt Ion:128 Resp: 1379489
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.9 8.7 13.1

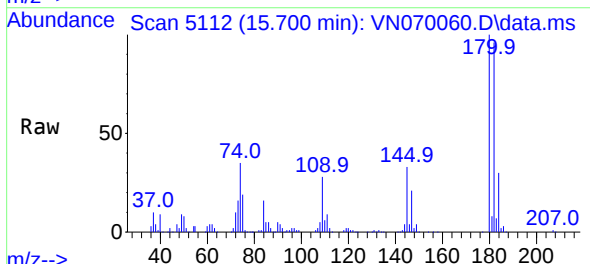
Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#96
1,2,3-Trichlorobenzene
Concen: 48.038 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN070060.D
Acq: 14 Dec 2021 4:23



Tgt Ion:180 Resp: 474155
Ion Ratio Lower Upper
180 100
182 95.8 47.4 142.2
145 32.6 15.0 45.1

