

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121521\
 Data File : VN070125.D
 Acq On : 15 Dec 2021 21:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 16 05:42:02 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

Manual Integrations APPROVED

Reviewed By : John Carlone 12/16/2021
 Supervised By : Amit Patel 12/16/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	982216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1655313	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1574346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	667236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	742580	48.965	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.940%		
35) Dibromofluoromethane	8.021	113	509519	49.141	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.280%		
50) Toluene-d8	10.443	98	2033977	48.855	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.700%		
62) 4-Bromofluorobenzene	12.731	95	768057	50.923	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	483832	42.234	ug/l	100
3) Chloromethane	2.301	50	626286	43.637	ug/l	100
4) Vinyl Chloride	2.445	62	570211	43.208	ug/l	98
5) Bromomethane	2.832	94	294415	41.064	ug/l	100
6) Chloroethane	3.006	64	350120	43.294	ug/l	97
7) Trichlorofluoromethane	3.368	101	719967	41.568	ug/l	99
8) Diethyl Ether	3.819	74	331463	49.688	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.199	101	461311	47.513	ug/l	96
10) Methyl Iodide	4.414	142	603810	45.523	ug/l	98
11) Tert butyl alcohol	5.388	59	655062	228.513	ug/l	100
12) 1,1-Dichloroethene	4.173	96	428238	45.771	ug/l	88
13) Acrolein	4.039	56	528926	216.667	ug/l	99
14) Allyl chloride	4.835	41	1013221	48.060	ug/l #	90
15) Acrylonitrile	5.557	53	1946982	252.051	ug/l	99
16) Acetone	4.288	43	1915017	209.918	ug/l	96
17) Carbon Disulfide	4.524	76	908577	37.589	ug/l	98
18) Methyl Acetate	4.857	43	1353280	49.145	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	1830917	50.329	ug/l	96
20) Methylene Chloride	5.093	84	560030	46.178	ug/l #	84
21) trans-1,2-Dichloroethene	5.594	96	458654	45.134	ug/l	86
22) Diisopropyl ether	6.501	45	2163475	52.503	ug/l #	92
23) Vinyl Acetate	6.434	43	8557672	255.268	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	1061188	49.714	ug/l	97
25) 2-Butanone	7.337	43	2942517	237.394	ug/l	91
26) 2,2-Dichloropropane	7.327	77	732162	44.115	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	583534	47.528	ug/l	86
28) Bromochloromethane	7.659	49	537088	48.386	ug/l #	76
29) Tetrahydrofuran	7.686	42	1902349	252.750	ug/l	87
30) Chloroform	7.817	83	1044687	48.460	ug/l	98
31) Cyclohexane	8.094	56	950557	45.039	ug/l	87
32) 1,1,1-Trichloroethane	8.016	97	857792	46.713	ug/l	96
36) 1,1-Dichloropropene	8.222	75	736874	46.762	ug/l	96
37) Ethyl Acetate	7.415	43	1106480	47.177	ug/l	96
38) Carbon Tetrachloride	8.206	117	673378	43.577	ug/l	99
39) Methylcyclohexane	9.459	83	861303	45.951	ug/l	88
40) Benzene	8.461	78	2291101	47.566	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	614555	55.818	ug/l #	84
42) 1,2-Dichloroethane	8.531	62	918034	47.215	ug/l	97
43) Isopropyl Acetate	8.563	43	1716920	49.468	ug/l #	93
44) Trichloroethene	9.217	130	531317	46.216	ug/l	89
45) 1,2-Dichloropropane	9.491	63	643090	49.719	ug/l	99
46) Dibromomethane	9.577	93	405653	47.821	ug/l	92
47) Bromodichloromethane	9.762	83	780111	48.572	ug/l	99
48) Methyl methacrylate	9.561	41	811745	50.116	ug/l	86
49) 1,4-Dioxane	9.571	88	279230	960.775	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	5917559	262.816	ug/l	95
52) Toluene	10.505	92	1410539	47.967	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	828437	43.277	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	906502	44.919	ug/l	91
55) 1,1,2-Trichloroethane	10.899	97	583462	49.176	ug/l	98
56) Ethyl methacrylate	10.762	69	1005995	45.167	ug/l #	87
57) 1,3-Dichloropropane	11.044	76	1040070	49.784	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1311581	219.380	ug/l	90
59) 2-Hexanone	11.087	43	4278023	251.166	ug/l	93
60) Dibromochloromethane	11.240	129	541895	42.977	ug/l	99
61) 1,2-Dibromoethane	11.347	107	582847	47.428	ug/l	100
64) Tetrachloroethene	10.977	164	478172	44.793	ug/l	95
65) Chlorobenzene	11.771	112	1497227	46.878	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	526080	46.798	ug/l	99
67) Ethyl Benzene	11.846	91	2829014	48.763	ug/l	96
68) m/p-Xylenes	11.953	106	2048004	96.951	ug/l	92
69) o-Xylene	12.280	106	1036351	48.706	ug/l	91
70) Styrene	12.294	104	1694545	50.224	ug/l	95
71) Bromoform	12.460	173	386833	40.767	ug/l #	99
73) Isopropylbenzene	12.578	105	2742581	46.198	ug/l	98
74) N-amyl acetate	12.388	43	1246207	47.468	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	950368	46.295	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	888080m	46.412	ug/l	
77) Bromobenzene	12.862	156	621340	44.559	ug/l	75
78) n-propylbenzene	12.921	91	3112900	47.122	ug/l	95
79) 2-Chlorotoluene	13.007	91	1928792	46.208	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	2224701	46.559	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	231693	40.472	ug/l	89
82) 4-Chlorotoluene	13.106	91	1832869	46.691	ug/l	92
83) tert-Butylbenzene	13.324	119	1970732	46.579	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	2178905	47.882	ug/l	98
85) sec-Butylbenzene	13.503	105	2727610	47.528	ug/l	97
86) p-Isopropyltoluene	13.616	119	2159588	48.142	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1049957	45.834	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1003000	44.554	ug/l	97
89) n-Butylbenzene	13.943	91	1741780	47.866	ug/l	97
90) Hexachloroethane	14.211	117	337069	42.798	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	1016370	45.536	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	165576	44.635	ug/l	77
93) 1,2,4-Trichlorobenzene	15.265	180	472845	43.585	ug/l	97
94) Hexachlorobutadiene	15.370	225	290522	49.113	ug/l	99
95) Naphthalene	15.507	128	1325531	41.396	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	470593	44.395	ug/l	99

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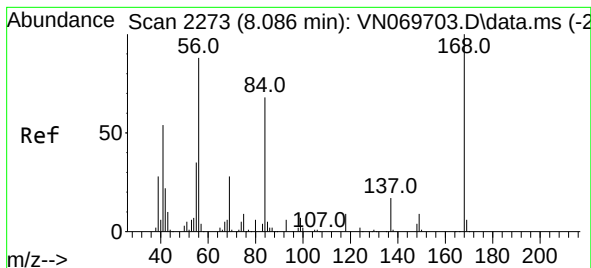
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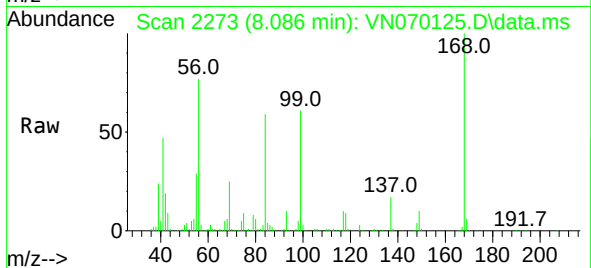
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070125.D
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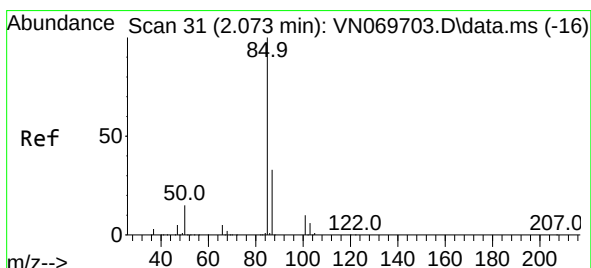
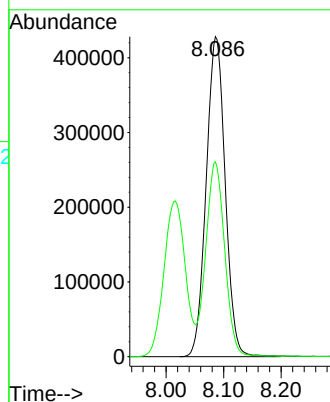
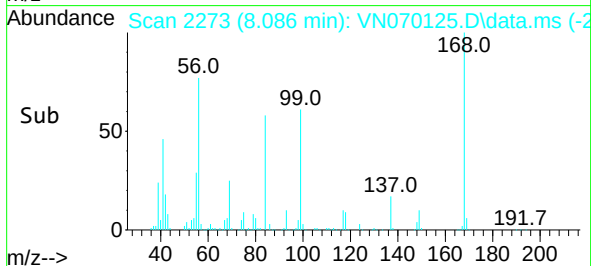
Instrument :
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VSTDCCC050EC



Tgt Ion:168 Resp: 982210
Ion Ratio Lower Upper
168 100
99 60.8 41.3 61.9

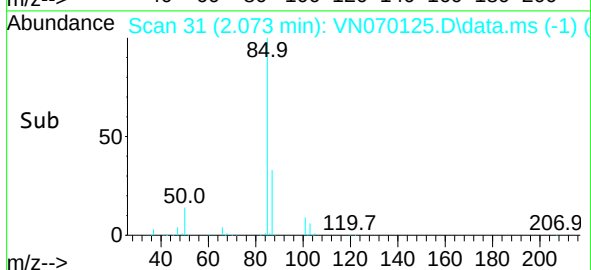
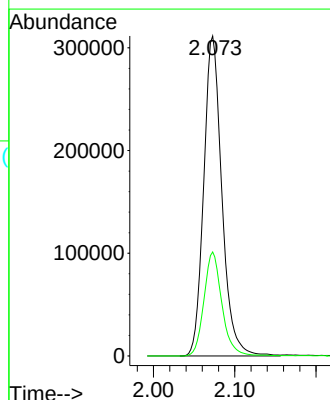
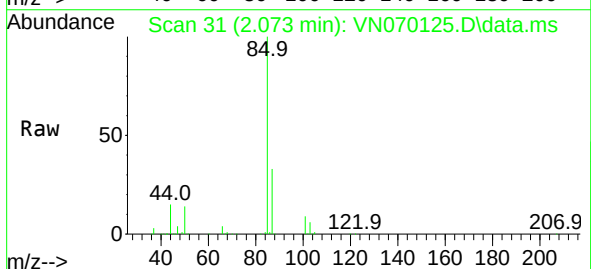
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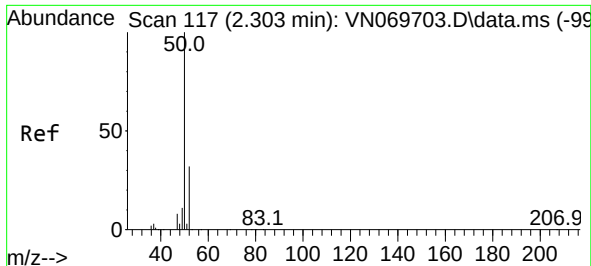
Reviewed By :John Carlone 12/16/2021
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#2
Dichlorodifluoromethane
Concen: 42.234 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

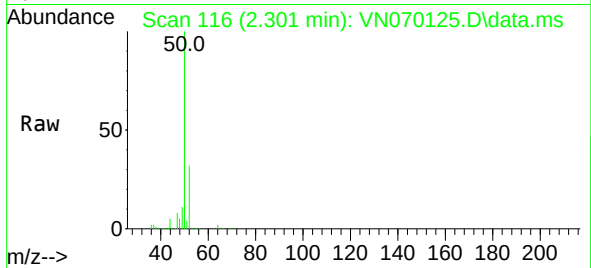
Tgt Ion: 85 Resp: 483832
Ion Ratio Lower Upper
85 100
87 32.5 16.3 48.9





#3
Chloromethane
Concen: 43.637 ug/l
RT: 2.301 min Scan# 117
Delta R.T. -0.003 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

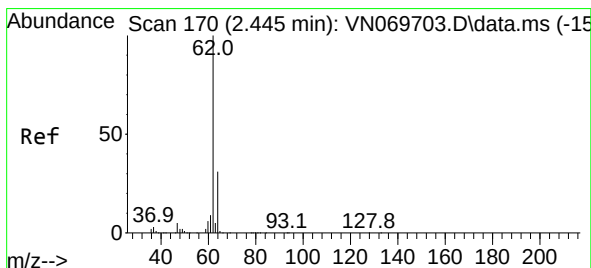
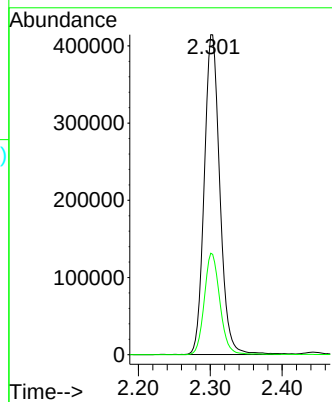
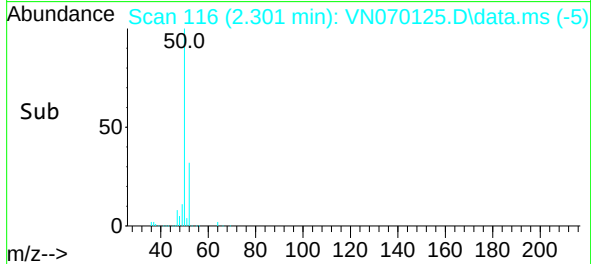
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Tgt Ion: 50 Resp: 626280
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.0

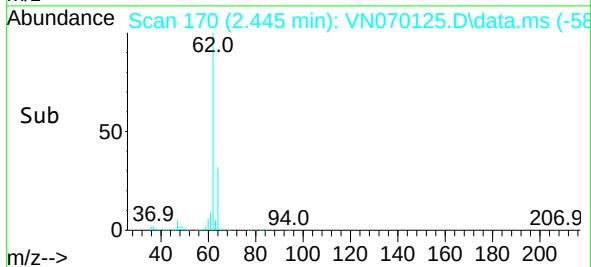
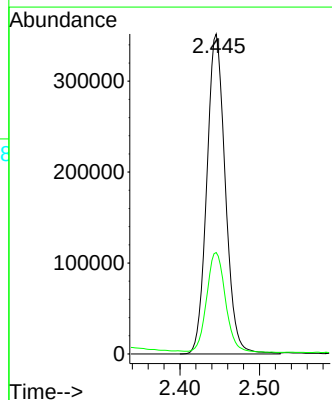
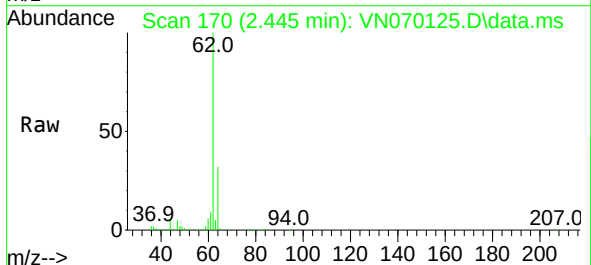
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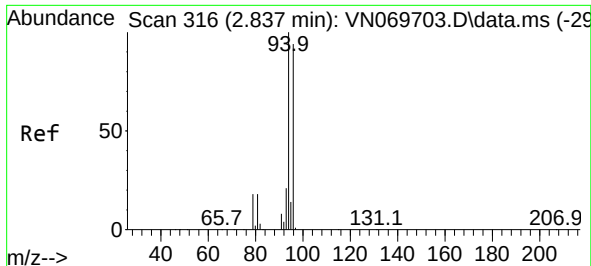
Reviewed By :John Carlone 12/16/2021
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#4
Vinyl Chloride
Concen: 43.208 ug/l
RT: 2.445 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

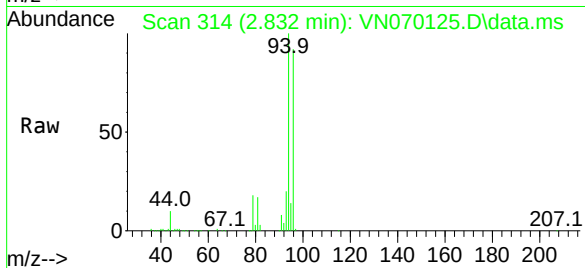
Tgt Ion: 62 Resp: 570211
Ion Ratio Lower Upper
62 100
64 31.2 25.8 38.6





#5
Bromomethane
Concen: 41.064 ug/l
RT: 2.832 min Scan# 316
Delta R.T. -0.005 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

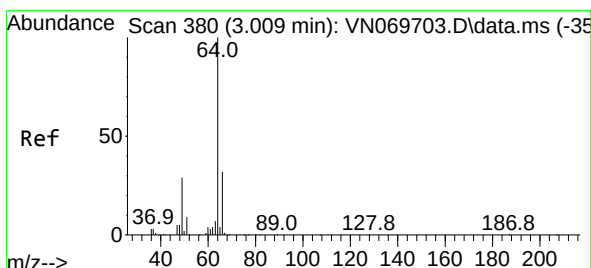
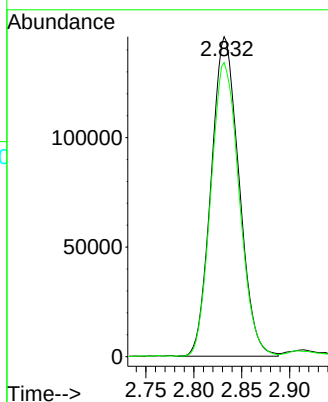
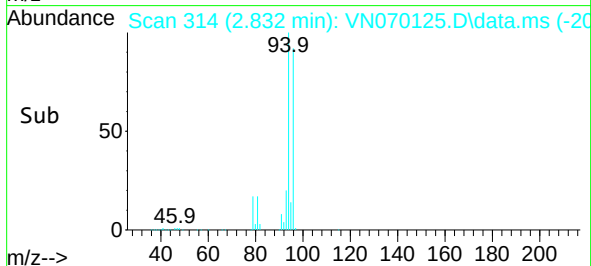
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Tgt Ion: 94 Resp: 294415
Ion Ratio Lower Upper
94 100
96 91.8 73.8 110.8

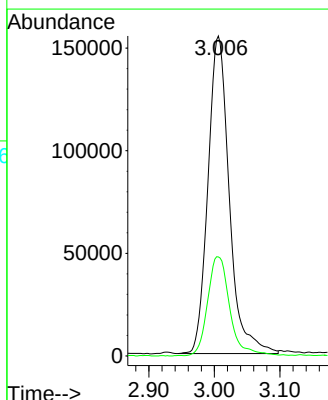
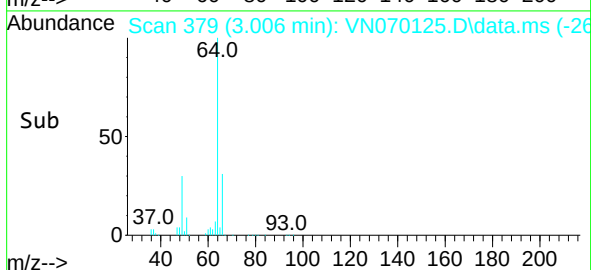
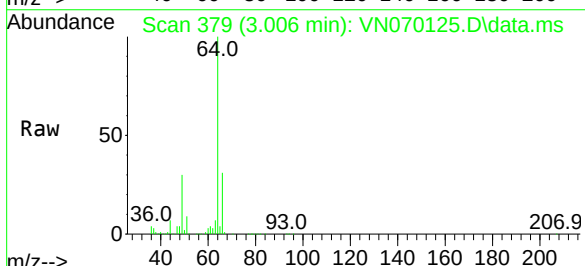
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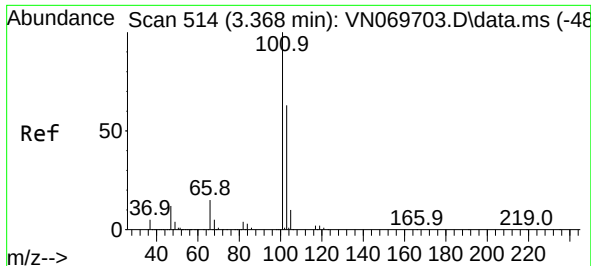
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#6
Chloroethane
Concen: 43.294 ug/l
RT: 3.006 min Scan# 379
Delta R.T. -0.003 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

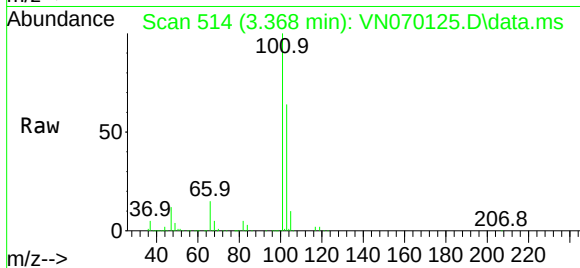
Tgt Ion: 64 Resp: 350120
Ion Ratio Lower Upper
64 100
66 31.1 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 41.568 ug/l
 RT: 3.368 min Scan# 514
 Delta R.T. 0.000 min
 Lab File: VN070125.D
 Acq: 15 Dec 2021 21:00

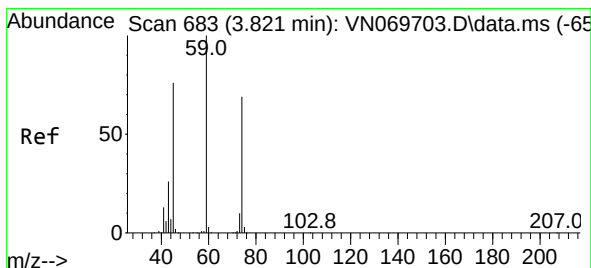
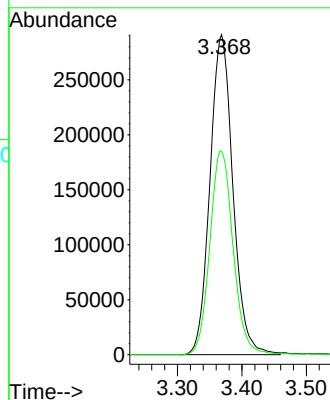
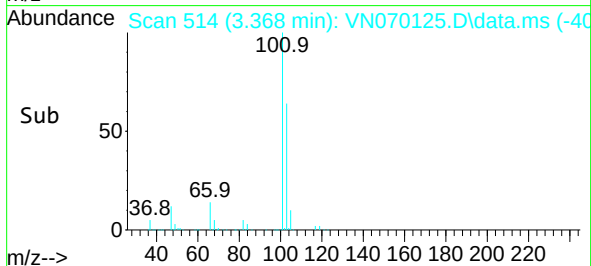
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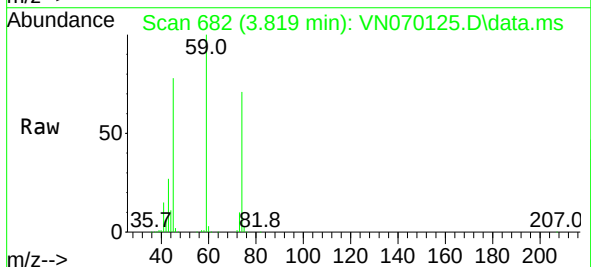
Tgt Ion:101 Resp: 71996
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.1 75.1

Manual Integrations
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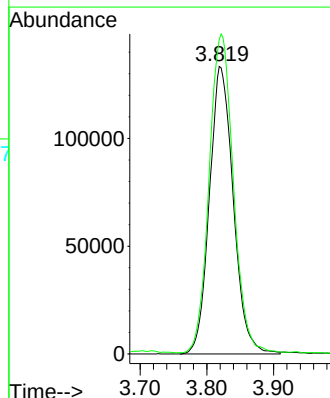
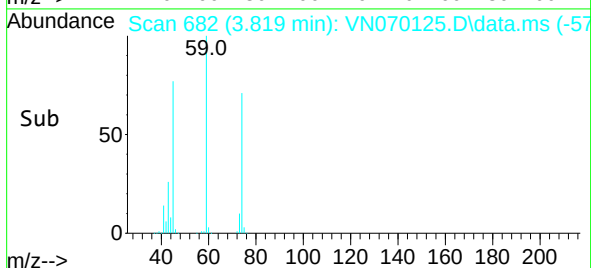
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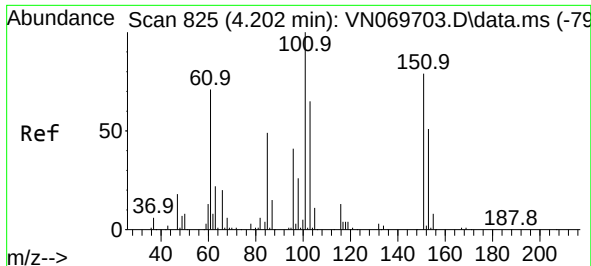


#8
 Diethyl Ether
 Concen: 49.688 ug/l
 RT: 3.819 min Scan# 682
 Delta R.T. -0.003 min
 Lab File: VN070125.D
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Tgt Ion: 74 Resp: 331463
 Ion Ratio Lower Upper
 74 100
 45 112.3 47.0 141.2





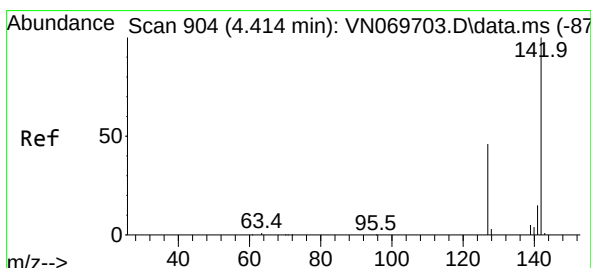
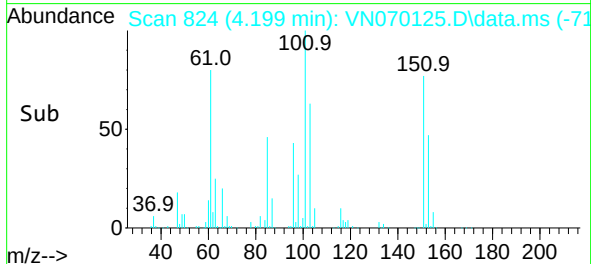
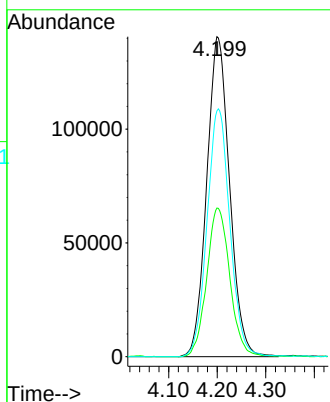
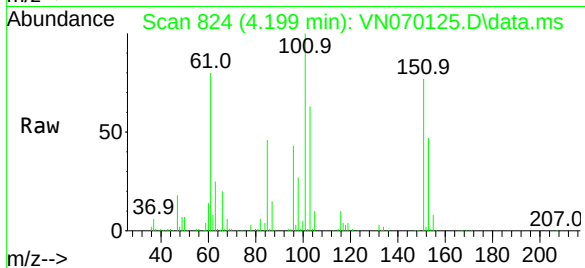
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.513 ug/l
RT: 4.199 min Scan# 825
Delta R.T. -0.003 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 46131
Ion Ratio Lower Upper
101 100
85 46.8 37.2 55.8
151 77.3 65.9 98.9

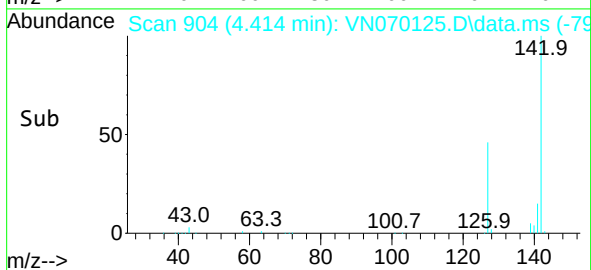
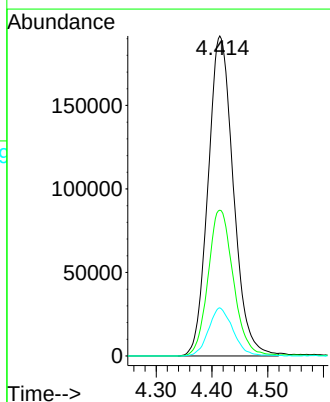
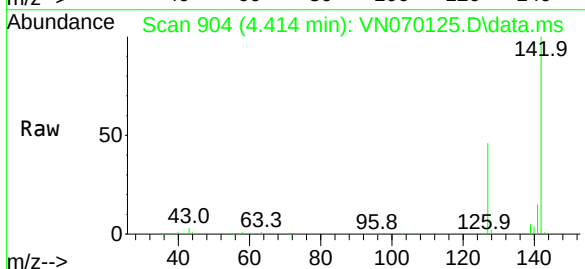
Manual Integrations
APPROVED

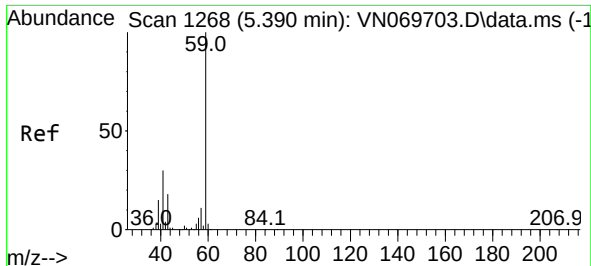
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#10
Methyl Iodide
Concen: 45.523 ug/l
RT: 4.414 min Scan# 904
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

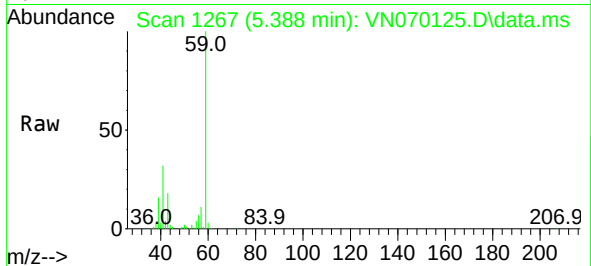
Tgt Ion:142 Resp: 603810
Ion Ratio Lower Upper
142 100
127 45.6 35.4 53.0
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 228.513 ug/l
RT: 5.388 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

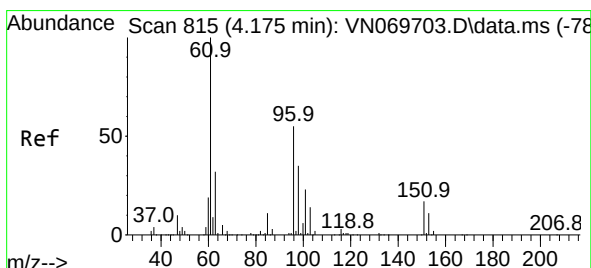
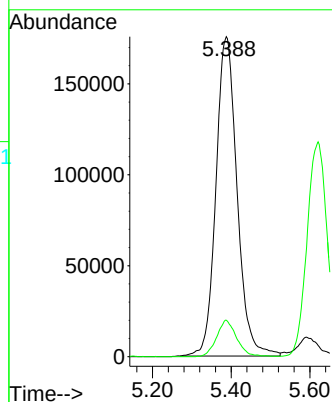
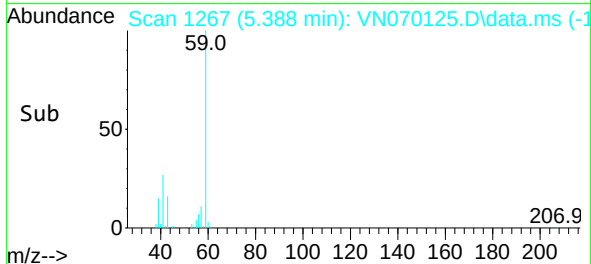
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



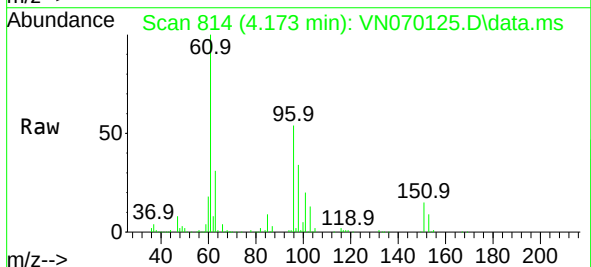
Tgt Ion: 59 Resp: 655062
Ion Ratio Lower Upper
59 100
57 10.8 8.7 13.1

Manual Integrations
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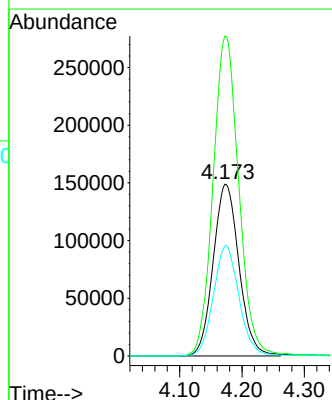
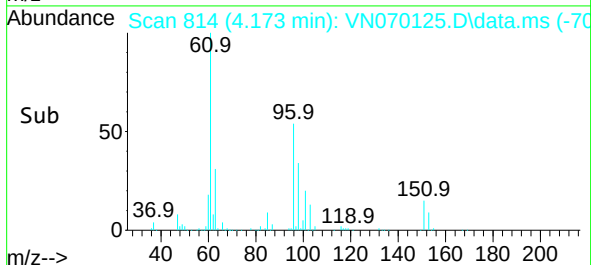
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

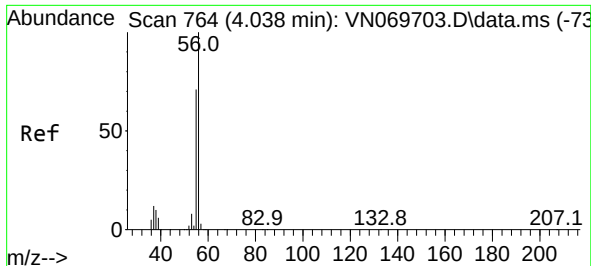


#12
1,1-Dichloroethene
Concen: 45.771 ug/l
RT: 4.173 min Scan# 814
Delta R.T. -0.003 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00



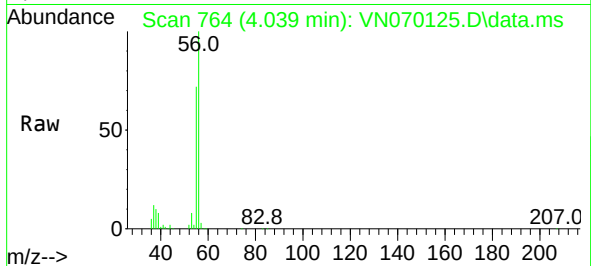
Tgt Ion: 96 Resp: 428238
Ion Ratio Lower Upper
96 100
61 186.3 131.0 196.6
98 64.1 52.4 78.6





#13
Acrolein
Concen: 216.667 ug/l
RT: 4.039 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

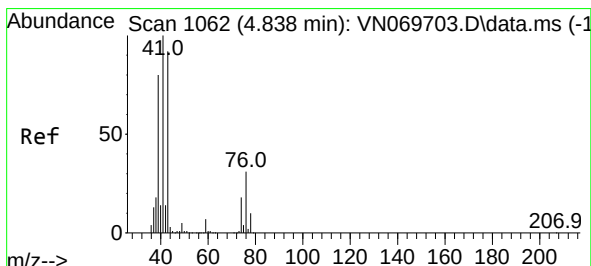
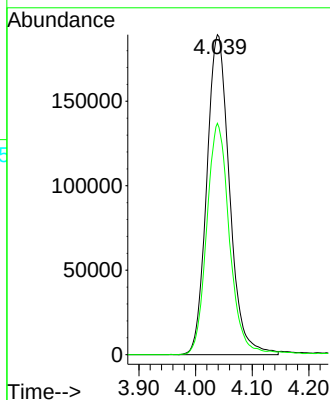
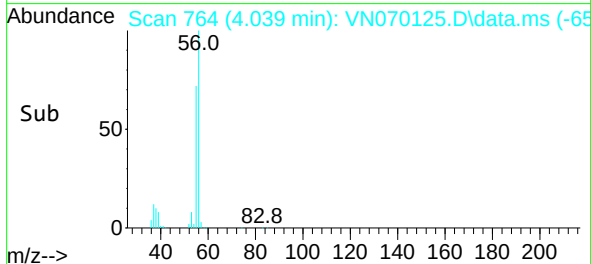
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



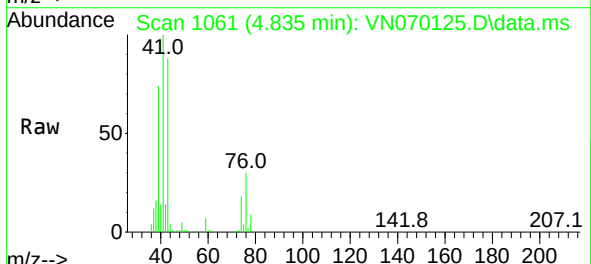
Tgt Ion: 56 Resp: 528920
Ion Ratio Lower Upper
56 100
55 71.7 56.6 85.0

Manual Integrations
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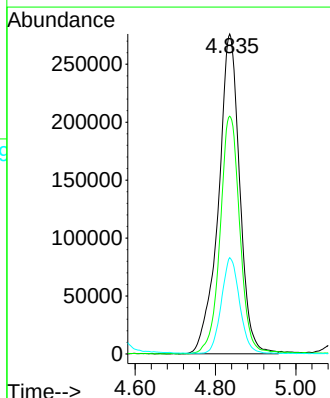
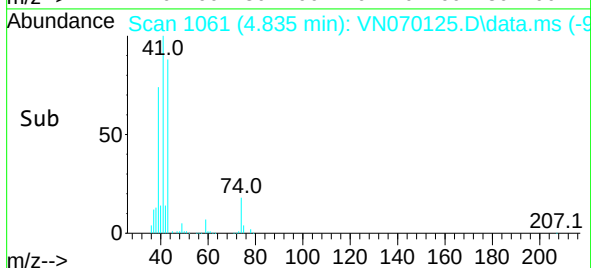
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

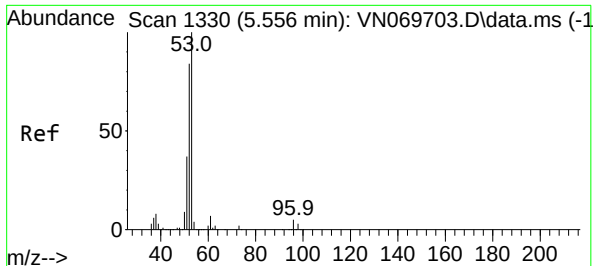


#14
Allyl chloride
Concen: 48.060 ug/l
RT: 4.835 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00



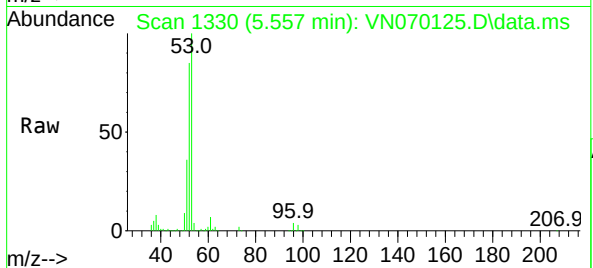
Tgt Ion: 41 Resp: 1013221
Ion Ratio Lower Upper
41 100
39 68.6 61.2 91.8
76 25.5 26.0 39.0#





#15
Acrylonitrile
Concen: 252.051 ug/l
RT: 5.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

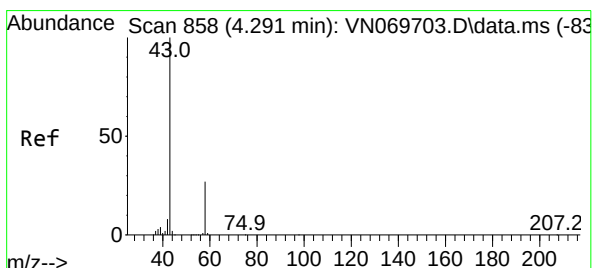
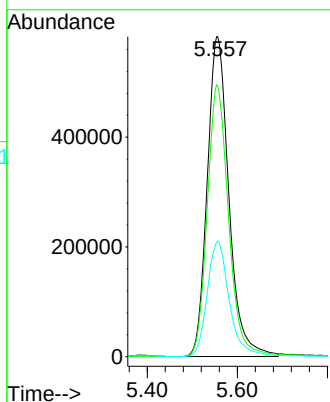
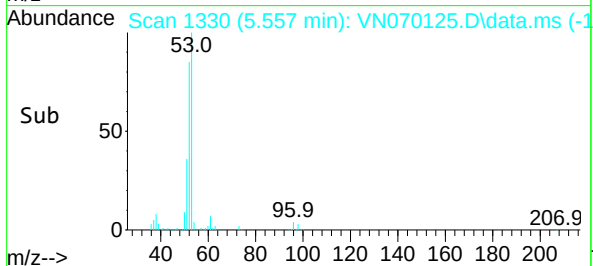
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



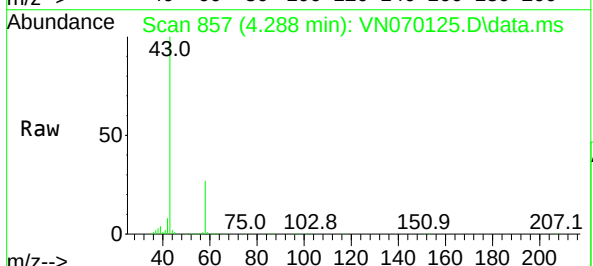
Tgt Ion: 53 Resp: 194698
Ion Ratio Lower Upper
53 100
52 83.6 66.2 99.2
51 36.6 29.6 44.4

Manual Integrations
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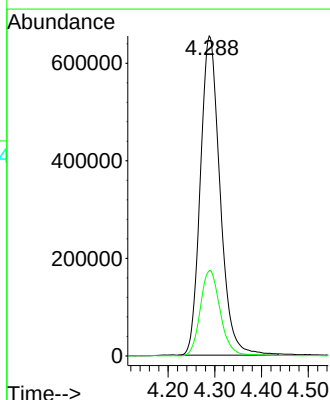
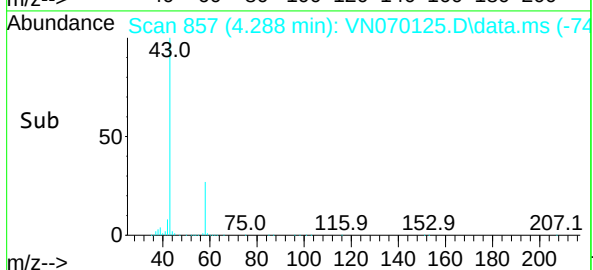
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

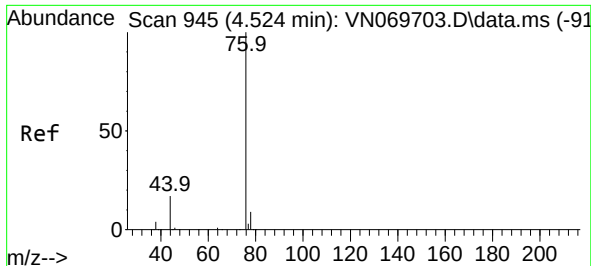


#16
Acetone
Concen: 209.918 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00



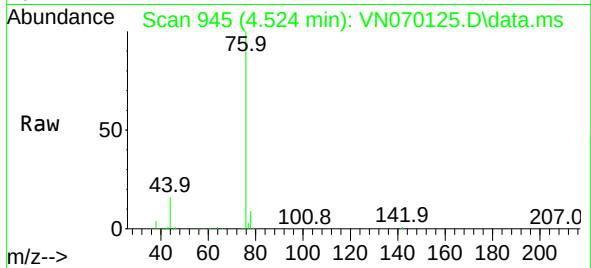
Tgt Ion: 43 Resp: 1915017
Ion Ratio Lower Upper
43 100
58 26.7 23.1 34.7





#17
Carbon Disulfide
Concen: 37.589 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

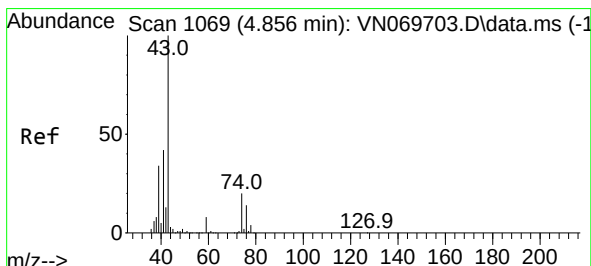
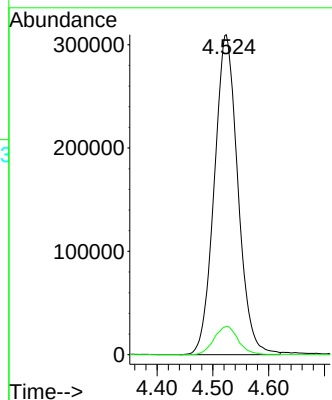
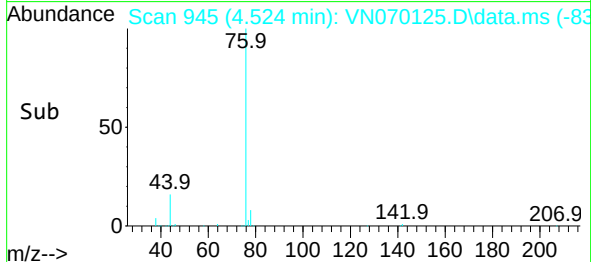
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



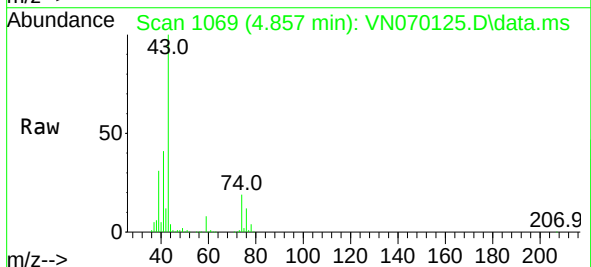
Tgt Ion: 76 Resp: 90857
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

Manual Integrations
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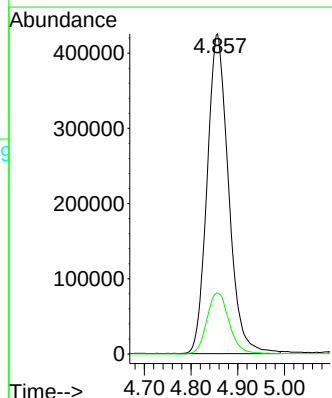
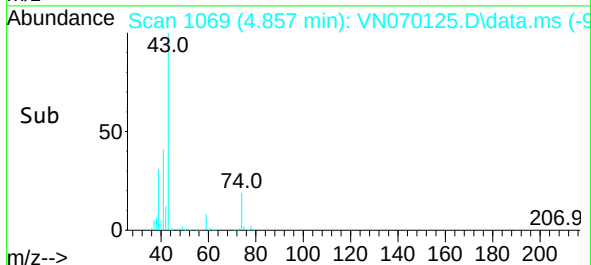
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

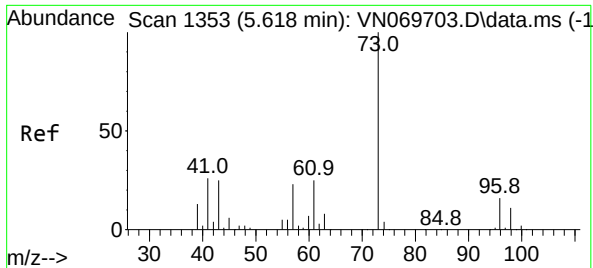


#18
Methyl Acetate
Concen: 49.145 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00



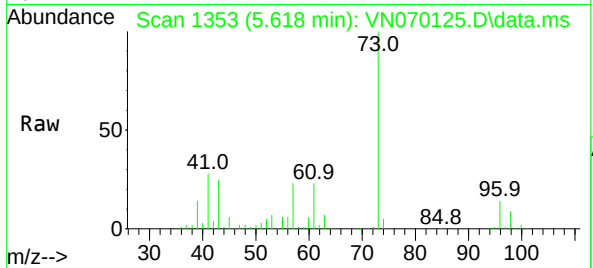
Tgt Ion: 43 Resp: 1353280
Ion Ratio Lower Upper
43 100
74 19.9 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 50.329 ug/l
RT: 5.618 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

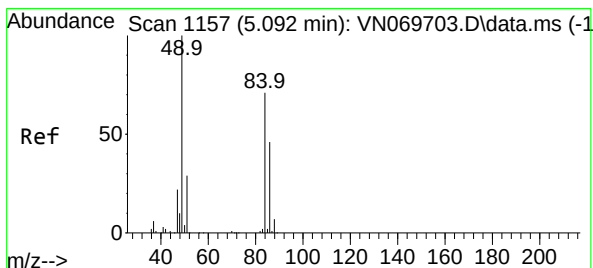
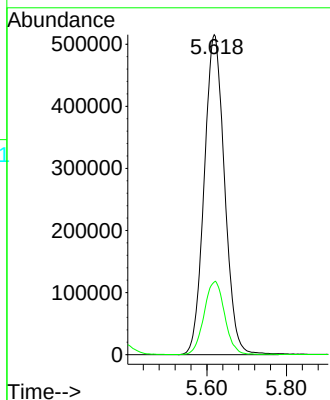
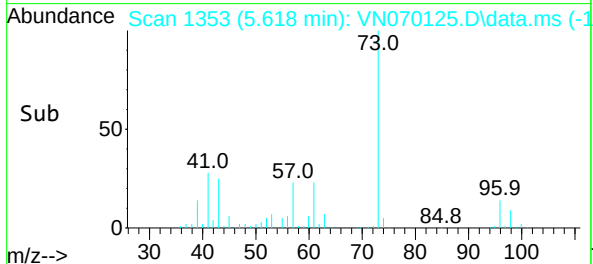
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 183091
Ion Ratio Lower Upper
73 100
57 22.7 16.8 25.2

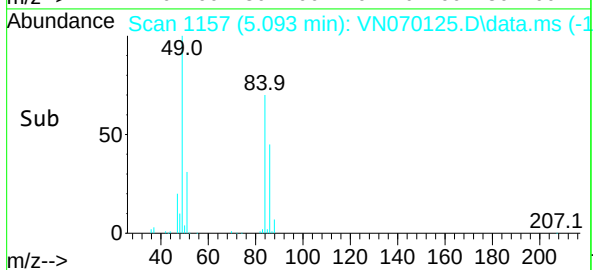
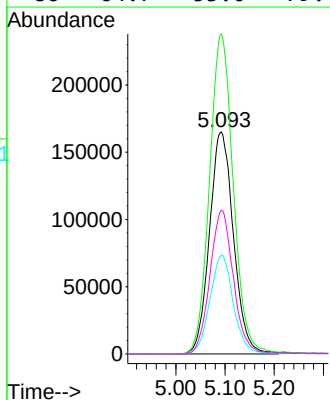
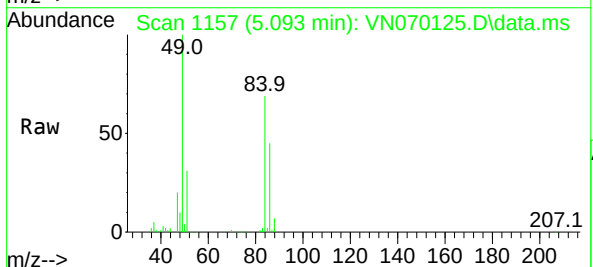
Manual Integrations
APPROVED

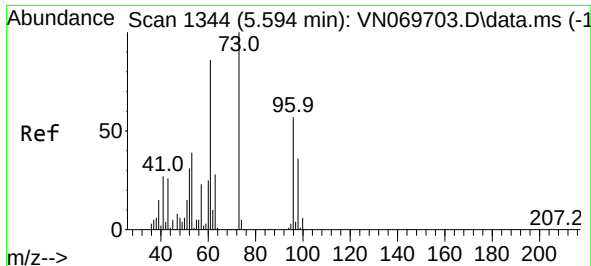
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#20
Methylene Chloride
Concen: 46.178 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

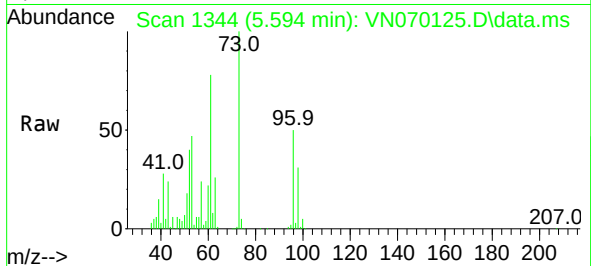
Tgt Ion: 84 Resp: 560030
Ion Ratio Lower Upper
84 100
49 144.1 93.5 140.3#
51 44.5 29.4 44.2#
86 64.7 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 45.134 ug/l
RT: 5.594 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

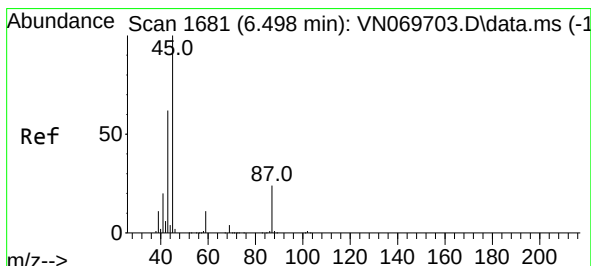
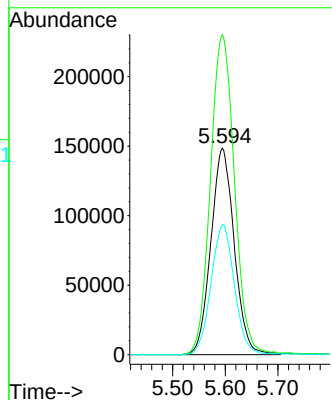
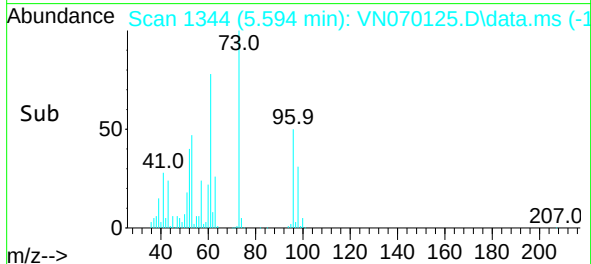
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



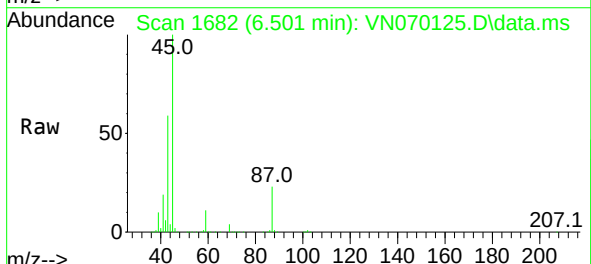
Tgt Ion: 96 Resp: 458654
Ion Ratio Lower Upper
96 100
61 154.9 105.8 158.6
98 62.9 52.0 78.0

Manual Integrations
APPROVED

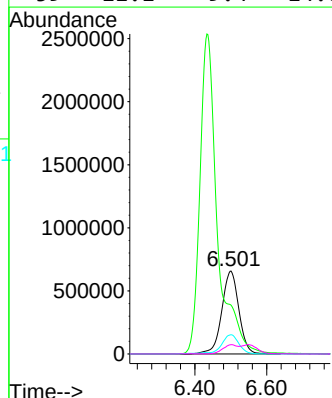
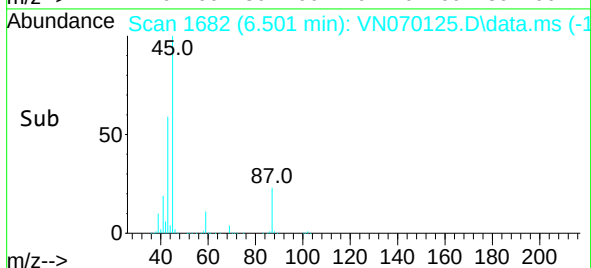
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

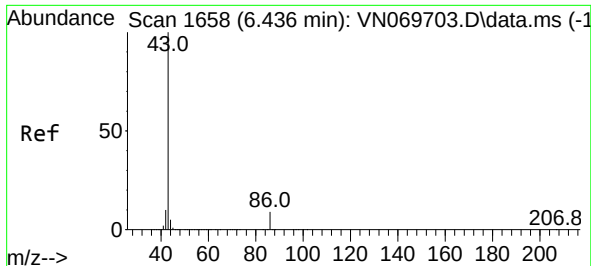


#22
Diisopropyl ether
Concen: 52.503 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00



Tgt Ion: 45 Resp: 2163475
Ion Ratio Lower Upper
45 100
43 58.7 51.7 77.5
87 23.1 23.2 34.8#
59 11.1 9.4 14.0





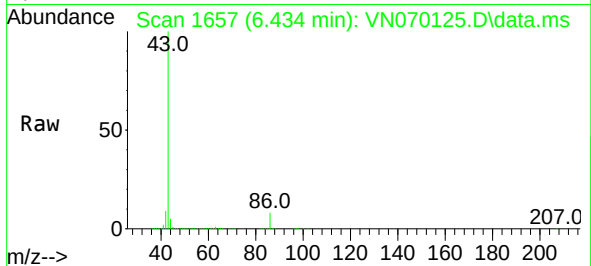
#23
 Vinyl Acetate
 Concen: 255.268 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN070125.D
 Acq: 15 Dec 2021 21:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

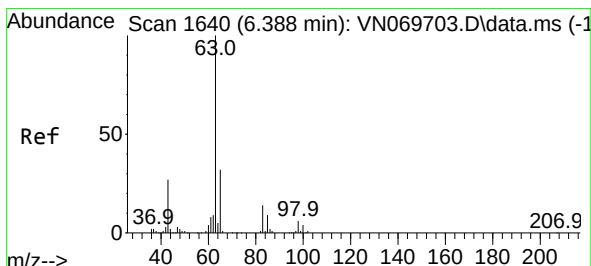
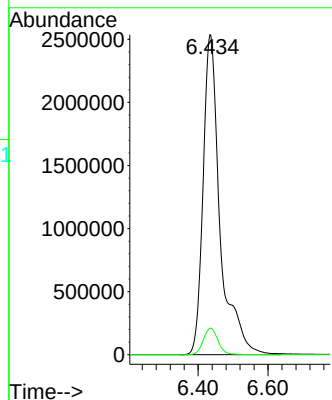
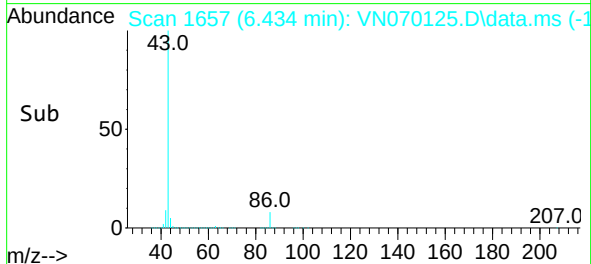


Tgt Ion: 43 Resp: 8557672
 Ion Ratio Lower Upper
 43 100
 86 8.3 8.5 12.7

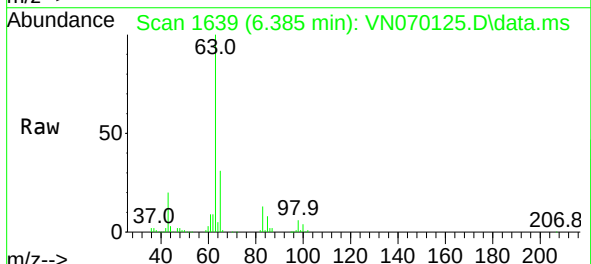
Manual Integrations

APPROVED

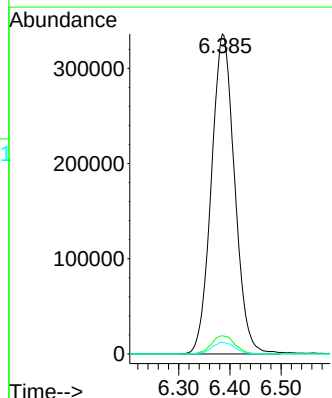
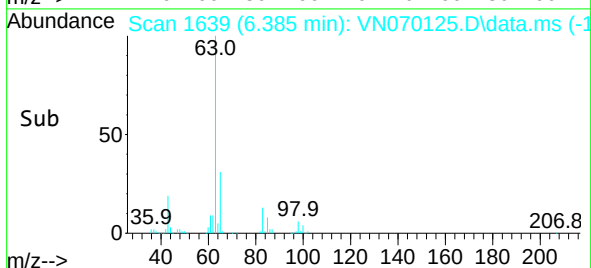
Reviewed By :John Carlone 12/16/2021
 Supervised By :Amit Patel 12/16/2021

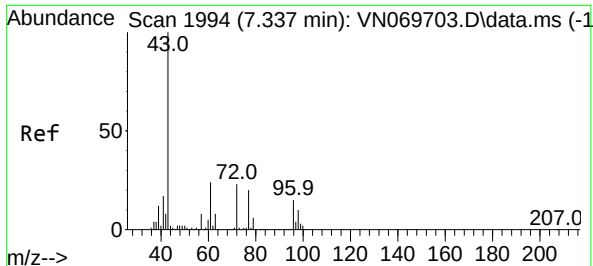


#24
 1,1-Dichloroethane
 Concen: 49.714 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.003 min
 Lab File: VN070125.D
 Acq: 15 Dec 2021 21:00



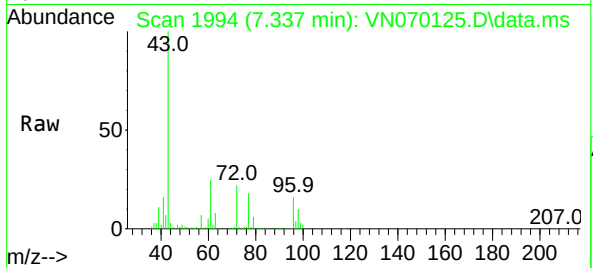
Tgt Ion: 63 Resp: 1061188
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.3 9.9
 100 3.6 2.1 6.5





#25
2-Butanone
Concen: 237.394 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

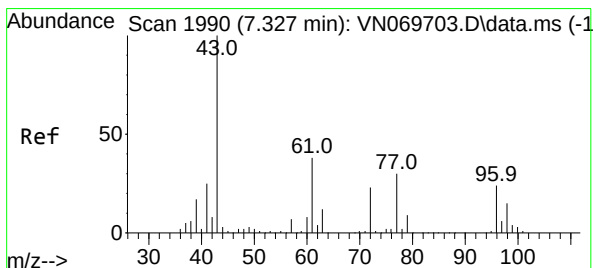
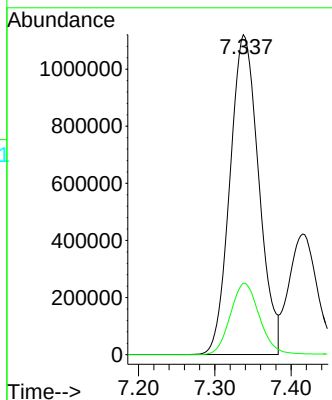
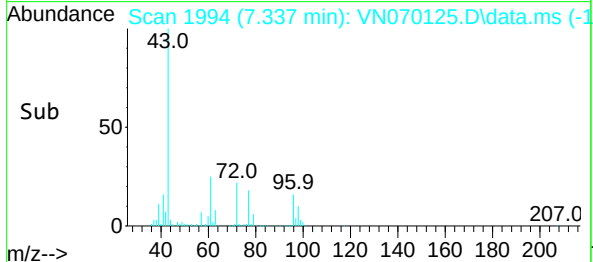
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 294251
Ion Ratio Lower Upper
43 100
72 22.4 21.7 32.5

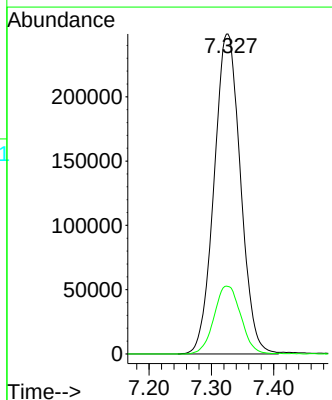
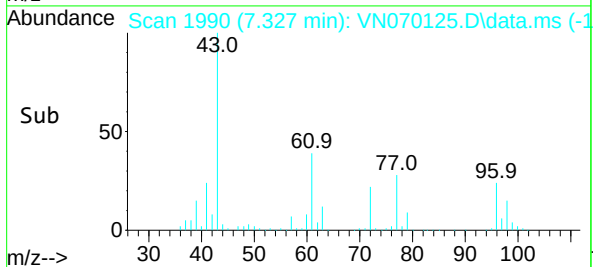
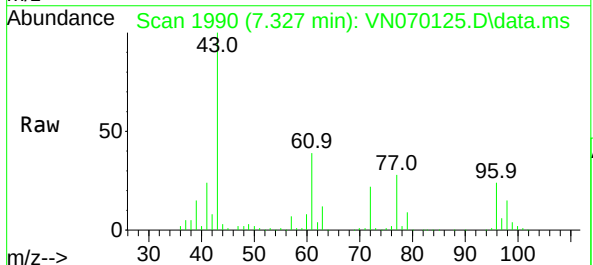
Manual Integrations
APPROVED

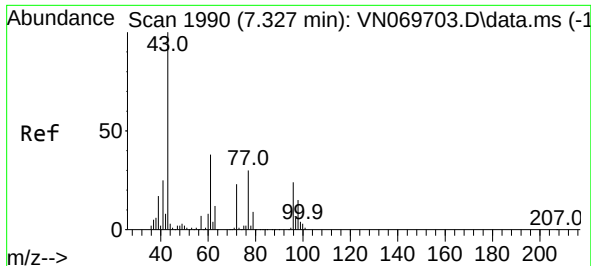
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#26
2,2-Dichloropropane
Concen: 44.115 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

Tgt Ion: 77 Resp: 732162
Ion Ratio Lower Upper
77 100
97 21.5 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 47.528 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN070125.D

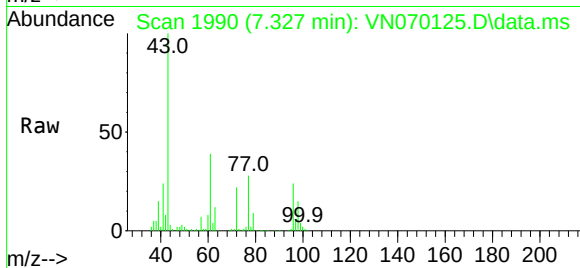
Acq: 15 Dec 2021 21:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



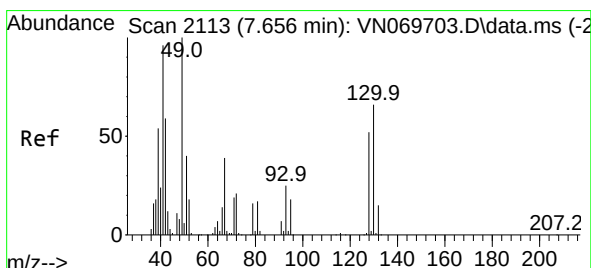
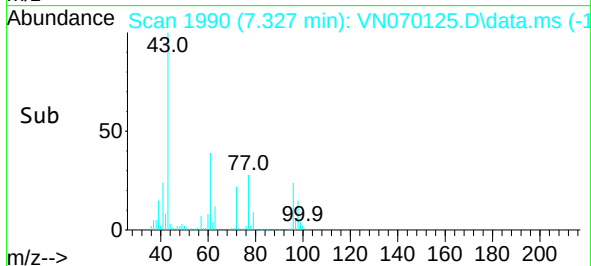
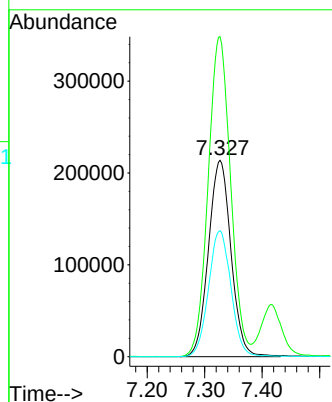
Tgt Ion:	96	Resp:	583534
Ion Ratio	Lower	Upper	
96	100		
61	161.8	0.0	275.0
98	63.7	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Amit Patel 12/16/2021



#28

Bromochloromethane

Concen: 48.386 ug/l

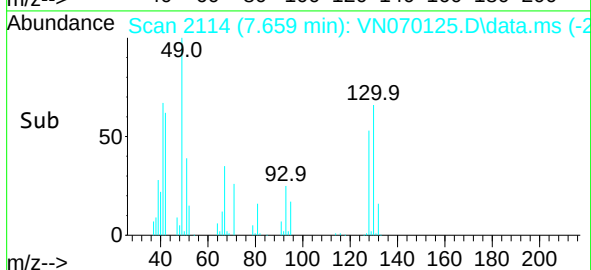
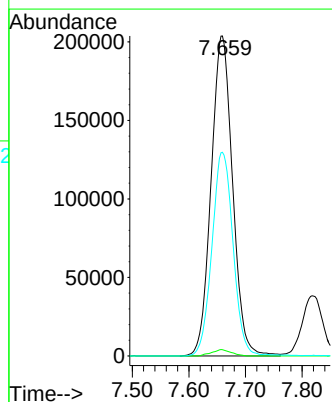
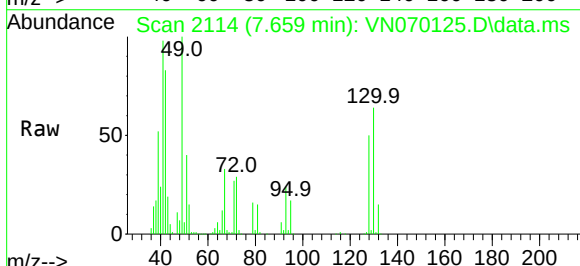
RT: 7.659 min Scan# 2114

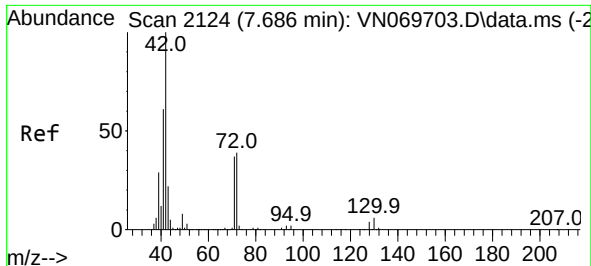
Delta R.T. 0.003 min

Lab File: VN070125.D

Acq: 15 Dec 2021 21:00

Tgt Ion:	49	Resp:	537088
Ion Ratio	Lower	Upper	
49	100		
129	1.8	0.0	4.0
130	62.4	67.8	101.8#





#29

Tetrahydrofuran

Concen: 252.750 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN070125.D

Acq: 15 Dec 2021 21:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 1902349

Ion Ratio Lower Upper

42 100

72 37.0 36.3 54.5

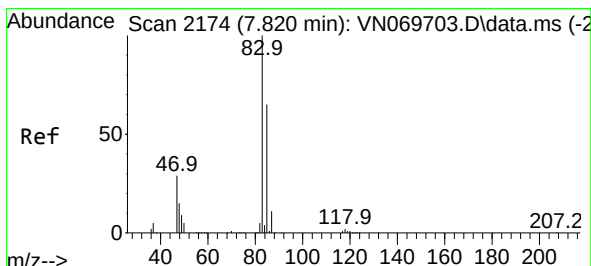
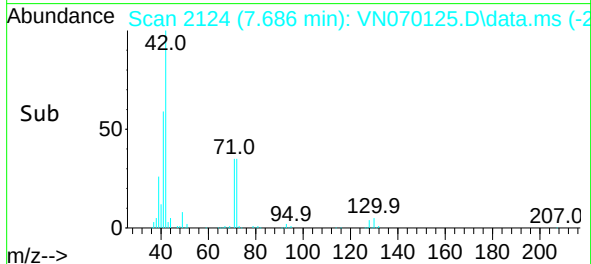
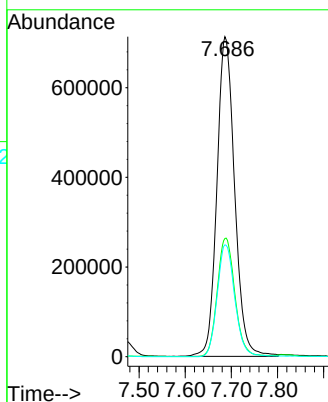
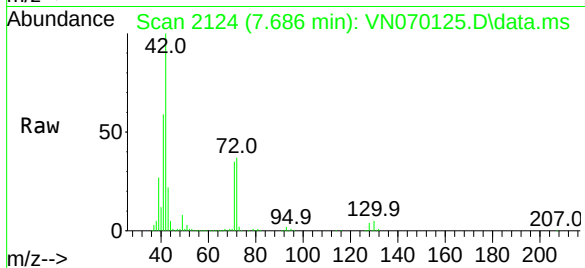
71 34.8 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Amit Patel 12/16/2021



#30

Chloroform

Concen: 48.460 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN070125.D

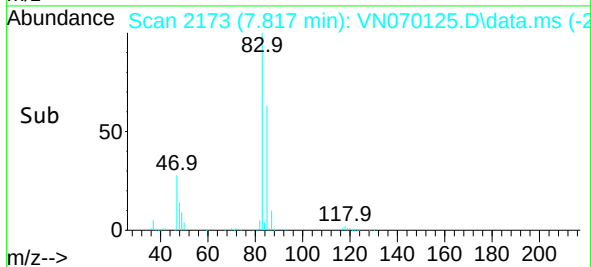
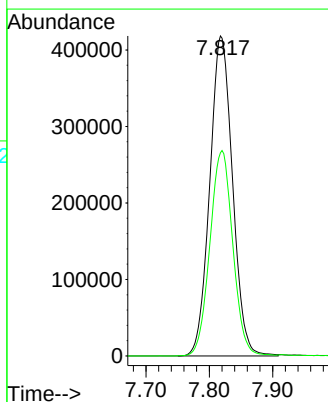
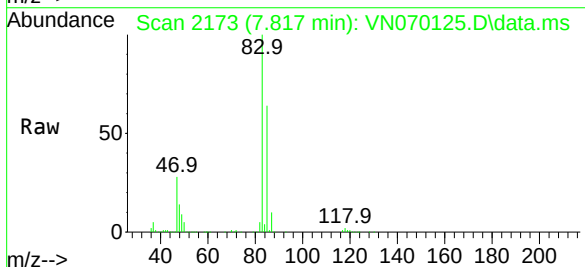
Acq: 15 Dec 2021 21:00

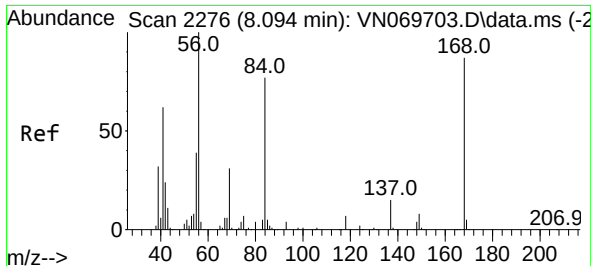
Tgt Ion: 83 Resp: 1044687

Ion Ratio Lower Upper

83 100

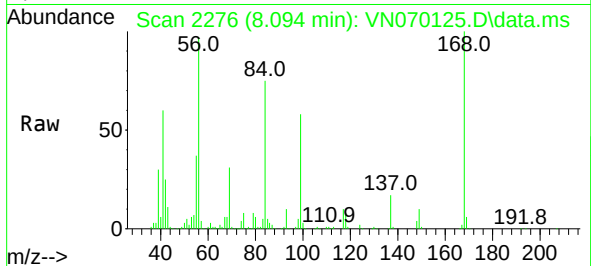
85 63.4 51.9 77.9





#31
Cyclohexane
Concen: 45.039 ug/l
RT: 8.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

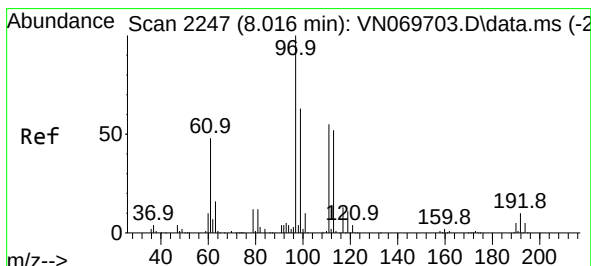
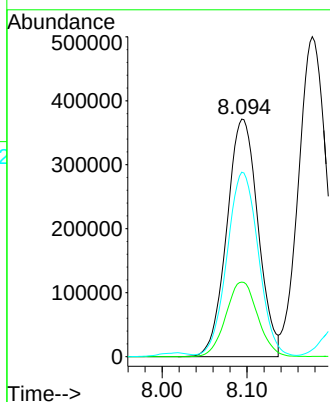
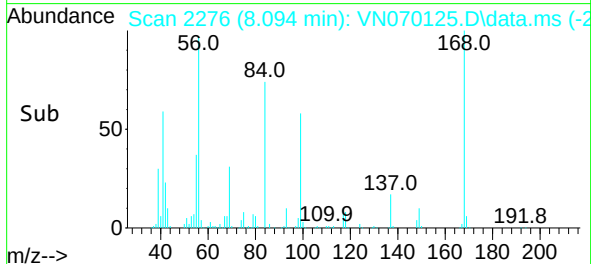
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



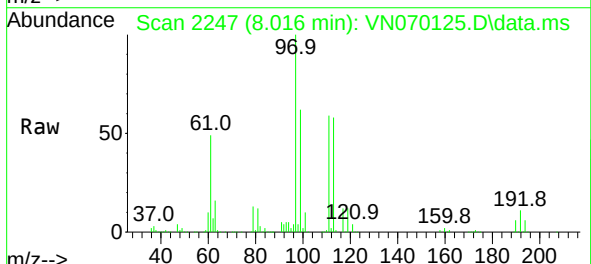
Tgt Ion: 56 Resp: 95055
Ion Ratio Lower Upper
56 100
69 31.4 27.1 40.7
84 75.9 73.4 110.0

Manual Integrations
APPROVED

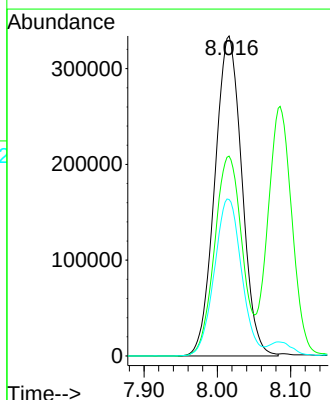
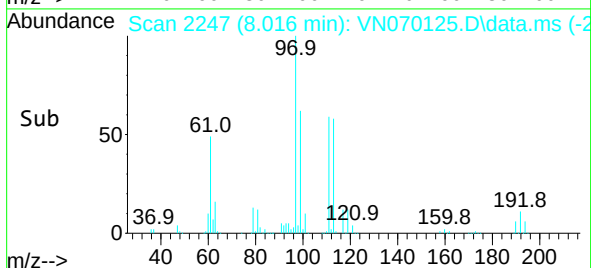
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

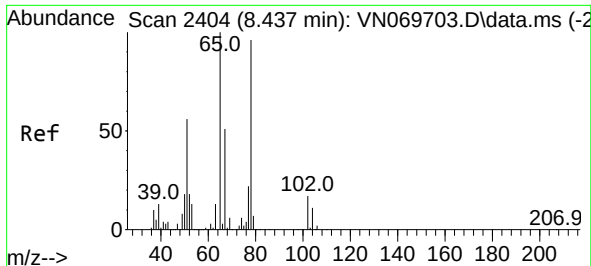


#32
1,1,1-Trichloroethane
Concen: 46.713 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00



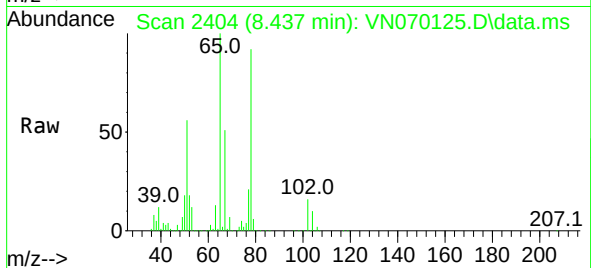
Tgt Ion: 97 Resp: 857792
Ion Ratio Lower Upper
97 100
99 63.1 50.1 75.1
61 49.4 35.2 52.8





#33
 1,2-Dichloroethane-d4
 Concen: 48.965 ug/l
 RT: 8.437 min Scan# 2404
 Delta R.T. 0.000 min
 Lab File: VN070125.D
 Acq: 15 Dec 2021 21:00

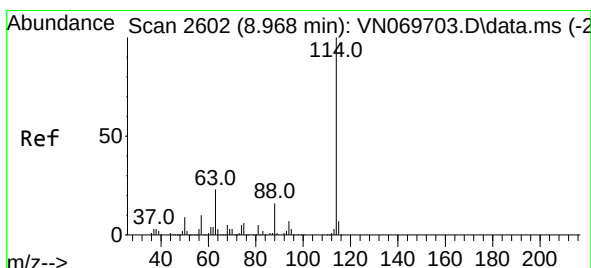
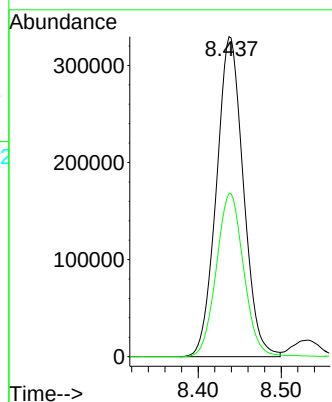
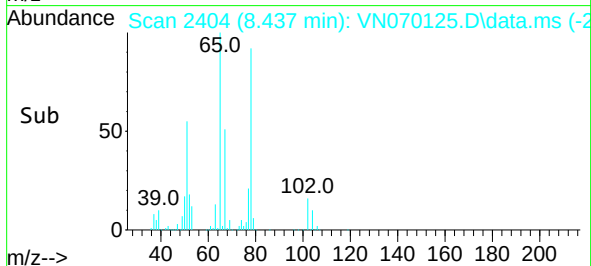
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



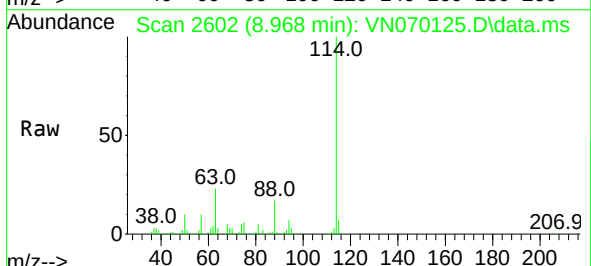
Tgt Ion: 65 Resp: 742580
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.0

Manual Integrations
 APPROVED

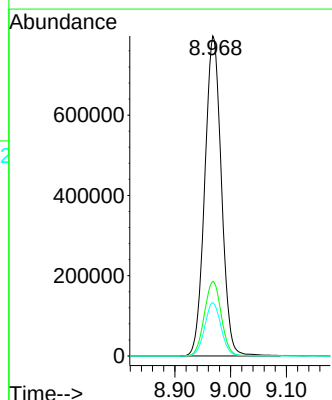
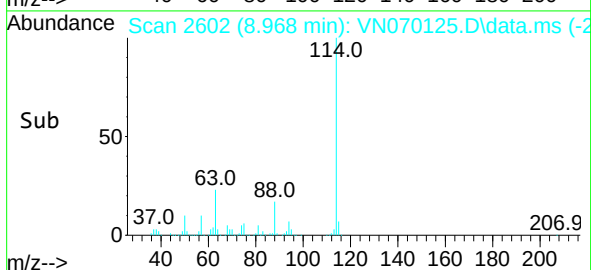
Reviewed By :John Carlone 12/16/2021
 Supervised By :Amit Patel 12/16/2021

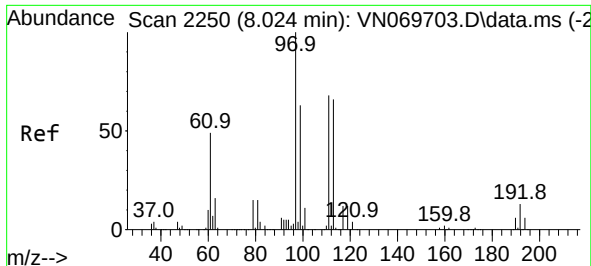


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. 0.000 min
 Lab File: VN070125.D
 Acq: 15 Dec 2021 21:00



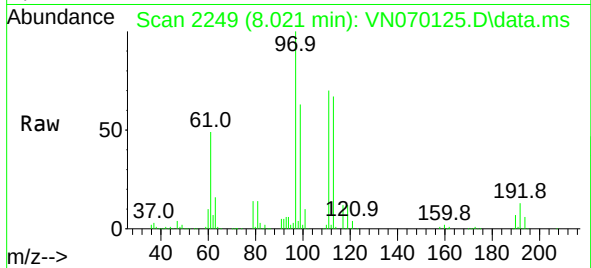
Tgt Ion:114 Resp: 1655313
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 37.8
 88 16.6 0.0 27.4





#35
Dibromofluoromethane
Concen: 49.141 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

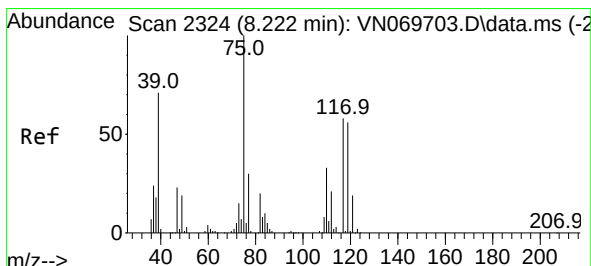
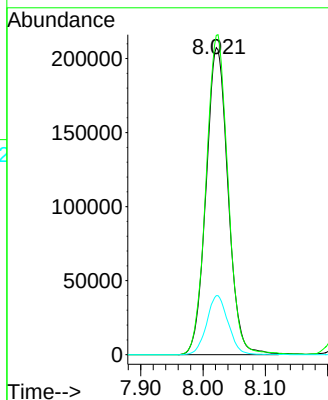
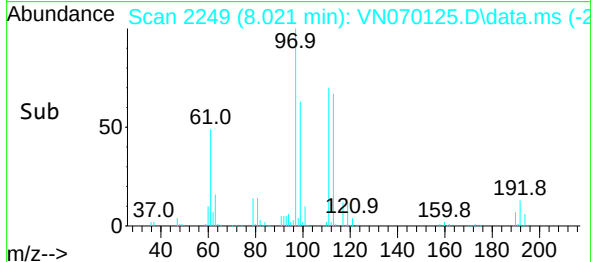
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



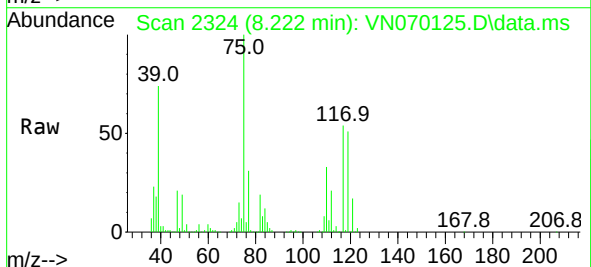
Tgt Ion: 113 Resp: 509519
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 18.8 16.9 25.3

Manual Integrations
APPROVED

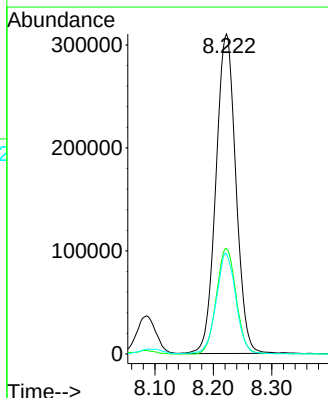
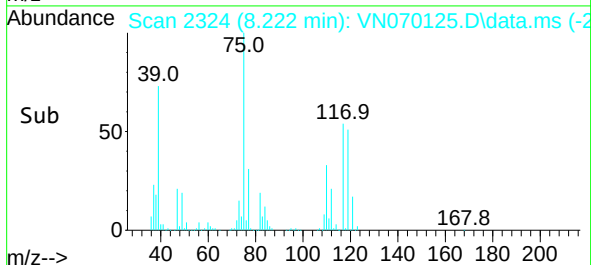
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

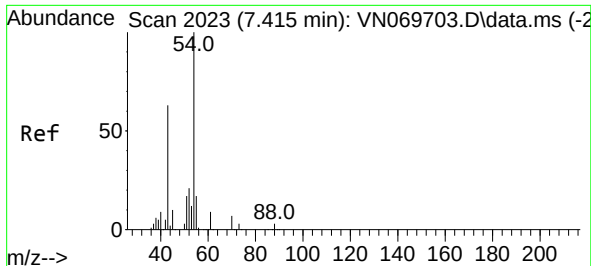


#36
1,1-Dichloropropene
Concen: 46.762 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00



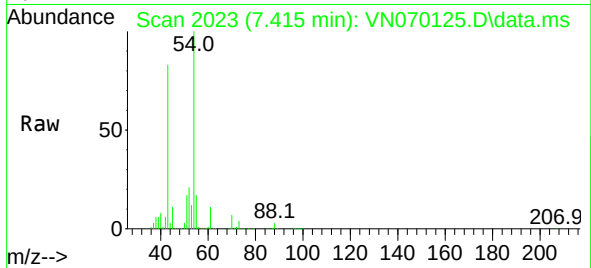
Tgt Ion: 75 Resp: 736874
Ion Ratio Lower Upper
75 100
110 32.7 18.4 55.2
77 30.8 24.4 36.6





#37
Ethyl Acetate
Concen: 47.177 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

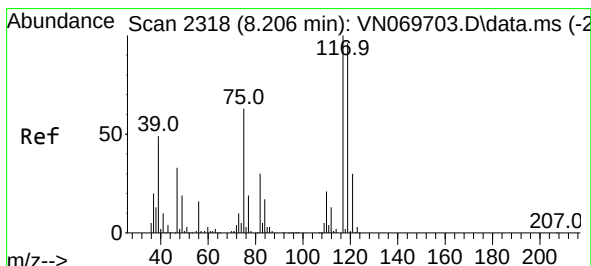
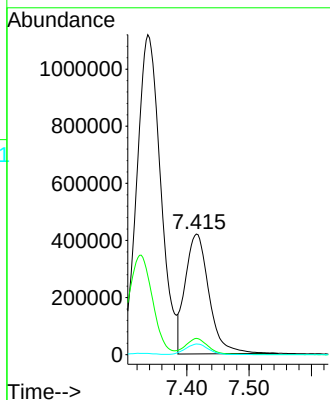
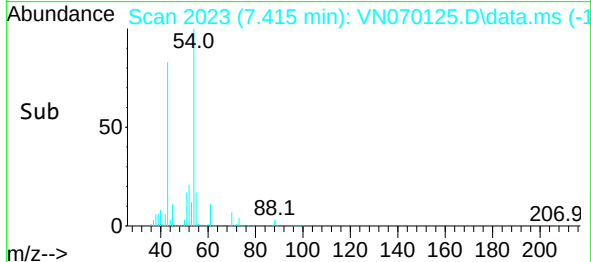
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1106480
Ion Ratio Lower Upper
43 100
61 12.6 11.5 17.3
70 8.5 7.9 11.9

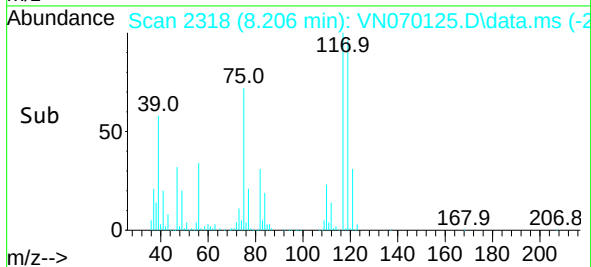
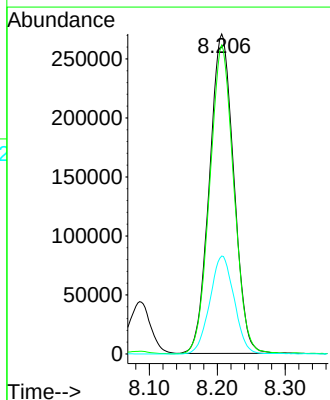
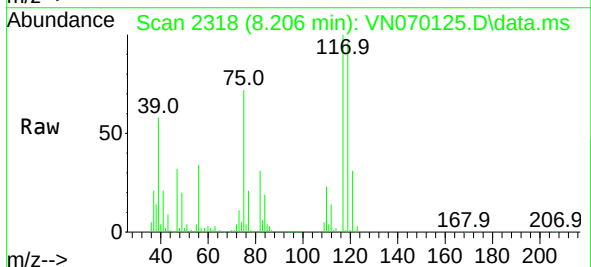
Manual Integrations
APPROVED

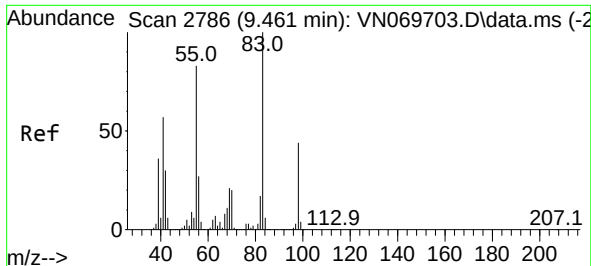
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#38
Carbon Tetrachloride
Concen: 43.577 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

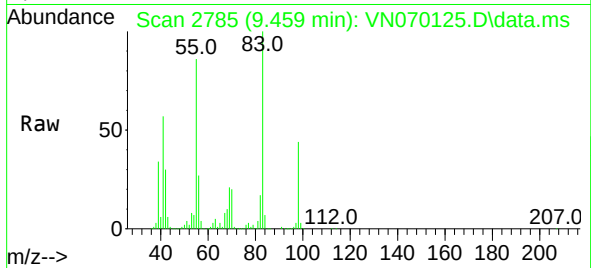
Tgt Ion:117 Resp: 673378
Ion Ratio Lower Upper
117 100
119 96.5 76.1 114.1
121 30.7 24.2 36.2





#39
Methylcyclohexane
Concen: 45.951 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

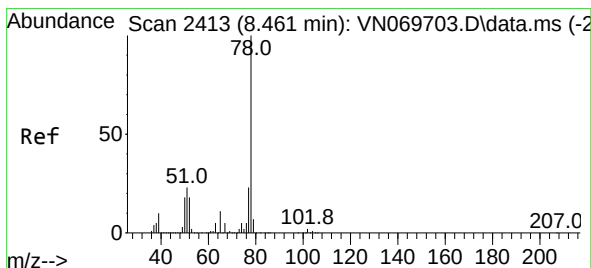
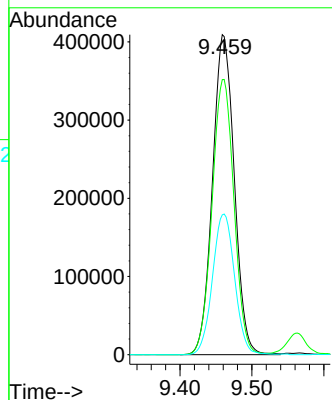
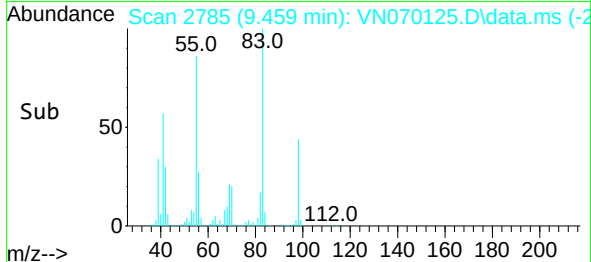
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 86130
Ion Ratio Lower Upper
83 100
55 85.9 58.1 87.1
98 43.7 38.4 57.6

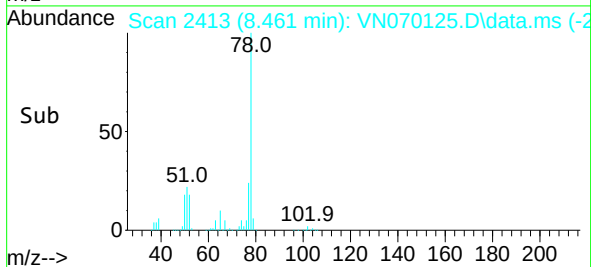
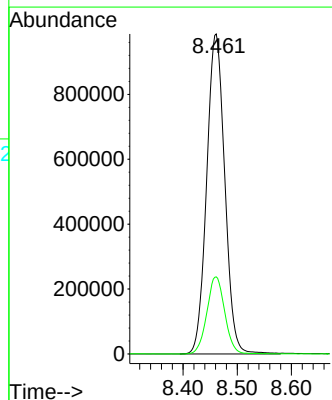
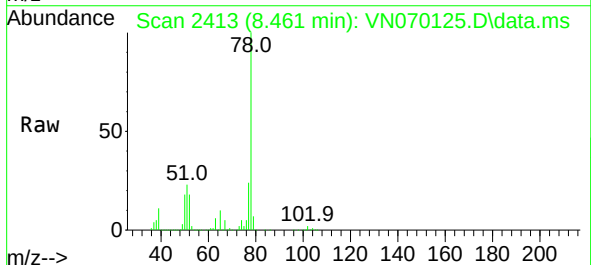
Manual Integrations
APPROVED

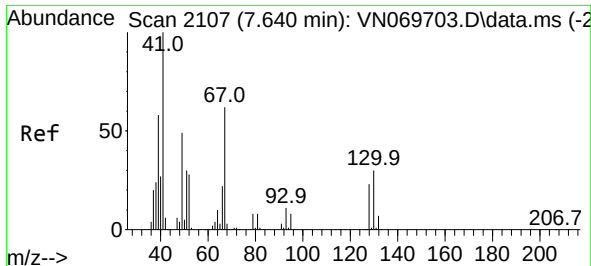
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#40
Benzene
Concen: 47.566 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

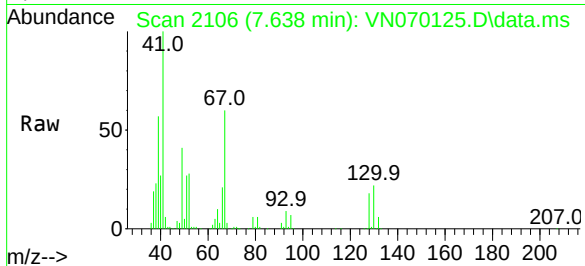
Tgt Ion: 78 Resp: 2291101
Ion Ratio Lower Upper
78 100
77 24.1 18.6 27.8





#41
Methacrylonitrile
Concen: 55.818 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

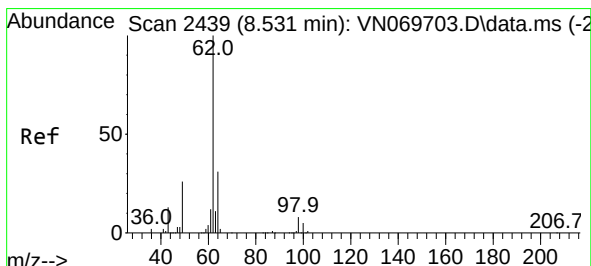
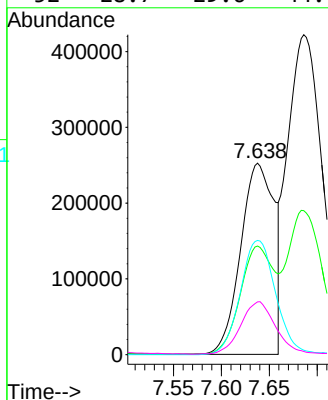
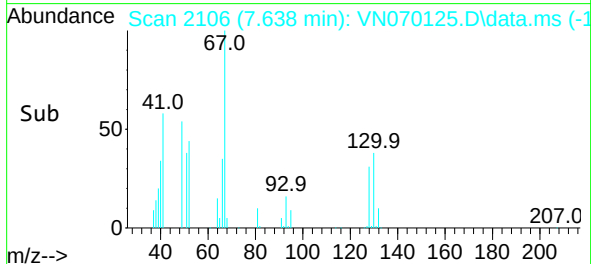
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 61455
Ion Ratio Lower Upper
41 100
39 56.6 48.1 72.1
67 63.6 68.3 102.5
52 28.7 29.6 44.4#

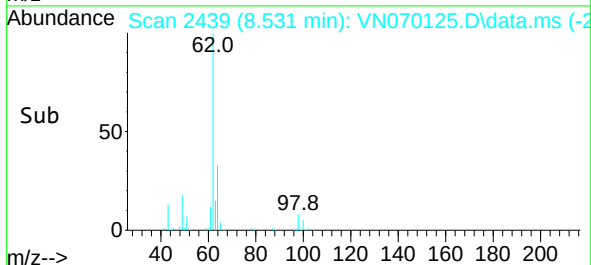
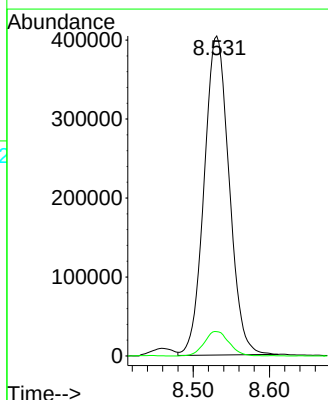
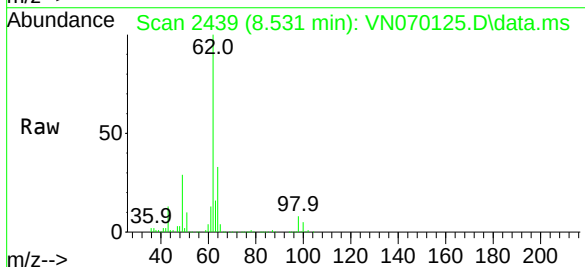
Manual Integrations
APPROVED

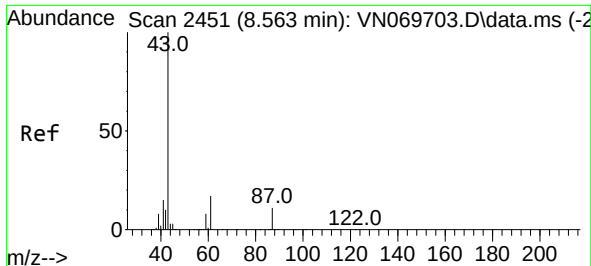
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#42
1,2-Dichloroethane
Concen: 47.215 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

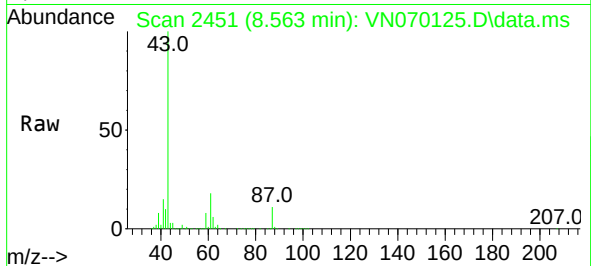
Tgt Ion: 62 Resp: 918034
Ion Ratio Lower Upper
62 100
98 7.7 0.0 17.6





#43
Isopropyl Acetate
Concen: 49.468 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

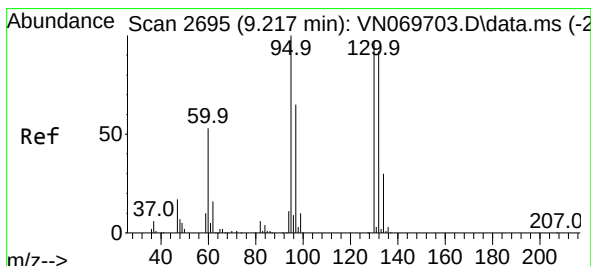
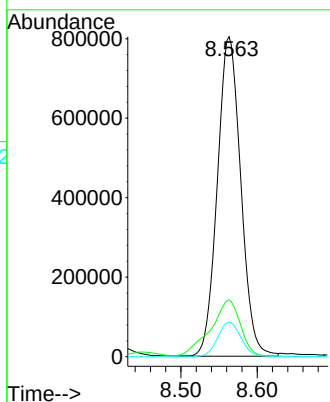
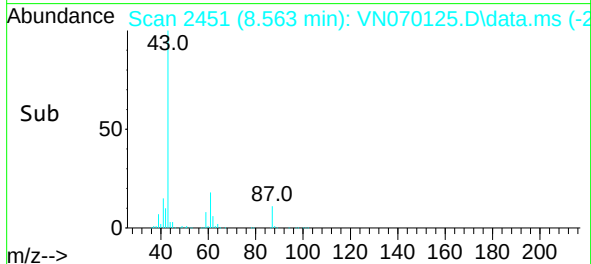
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



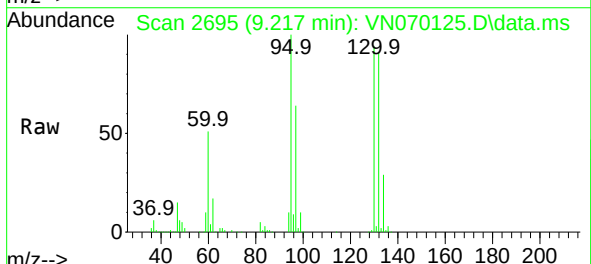
Tgt Ion: 43 Resp: 1716920
Ion Ratio Lower Upper
43 100
61 22.6 20.4 30.6
87 10.8 11.2 16.8

Manual Integrations
APPROVED

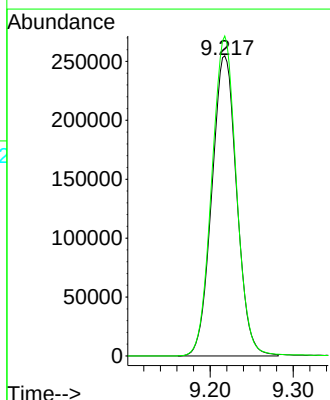
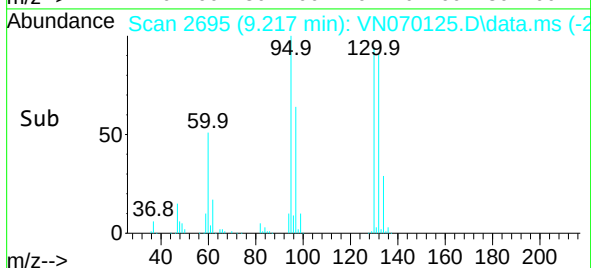
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

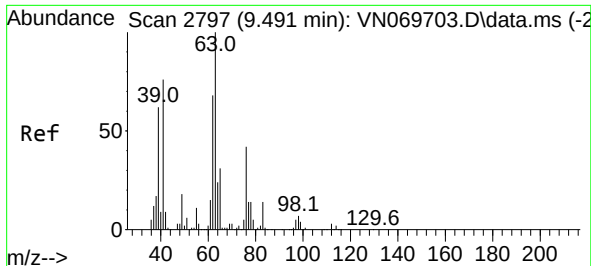


#44
Trichloroethene
Concen: 46.216 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00



Tgt Ion:130 Resp: 531317
Ion Ratio Lower Upper
130 100
95 106.5 0.0 191.2





#45

1,2-Dichloropropane

Concen: 49.719 ug/l

RT: 9.491 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VN070125.D

Acq: 15 Dec 2021 21:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 643090

Ion Ratio Lower Upper

63 100

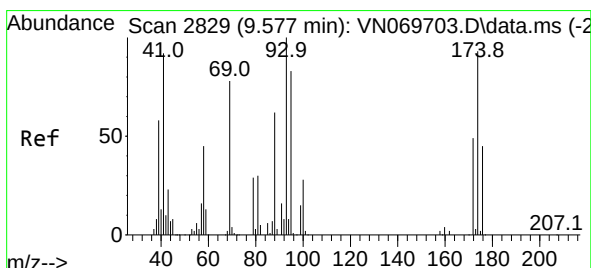
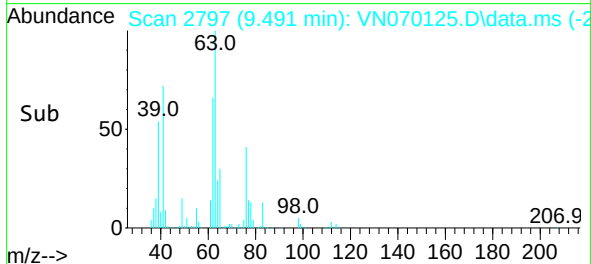
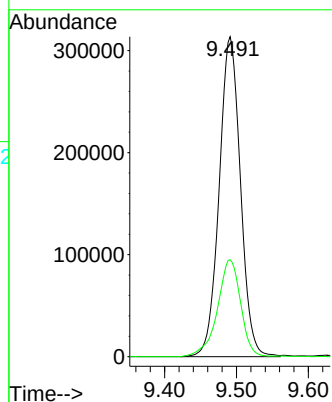
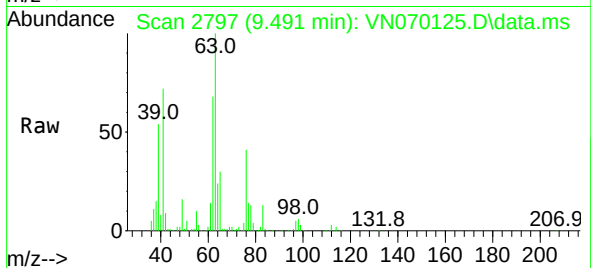
65 30.3 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Amit Patel 12/16/2021



#46

Dibromomethane

Concen: 47.821 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN070125.D

Acq: 15 Dec 2021 21:00

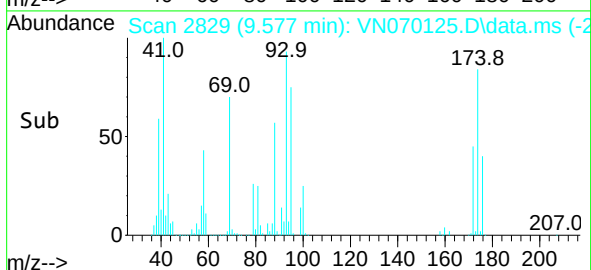
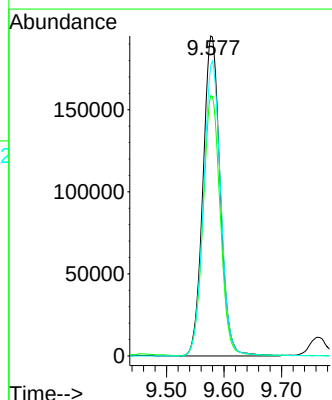
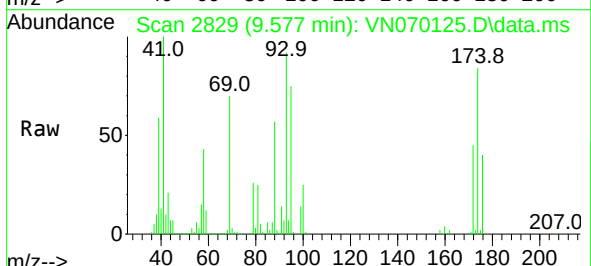
Tgt Ion: 93 Resp: 405653

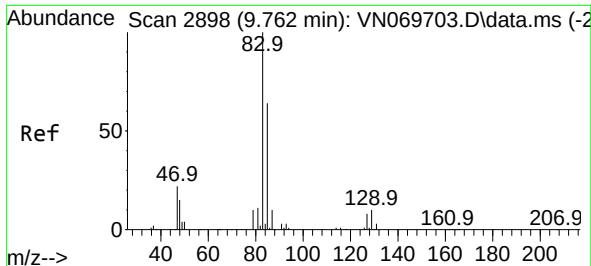
Ion Ratio Lower Upper

93 100

95 81.3 65.9 98.9

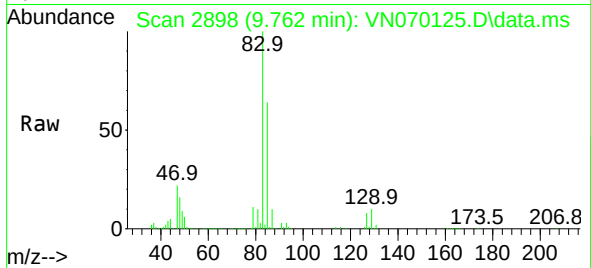
174 92.3 84.6 127.0





#47
Bromodichloromethane
Concen: 48.572 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

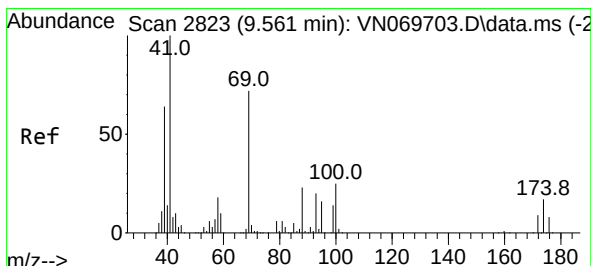
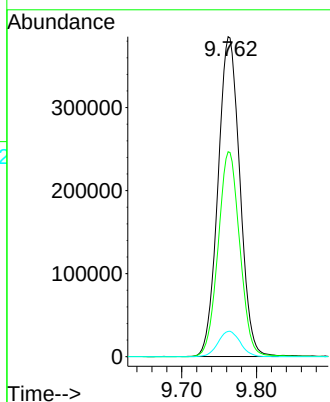
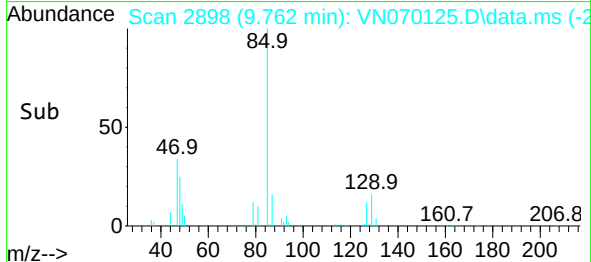
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 78011
Ion Ratio Lower Upper
83 100
85 64.0 50.9 76.3
127 7.9 7.1 10.7

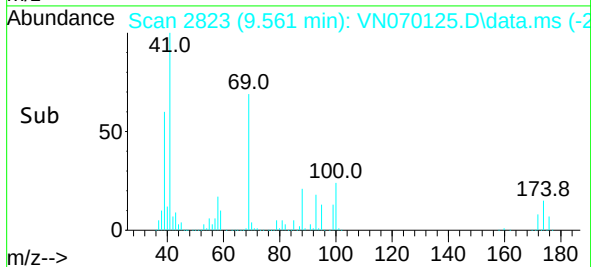
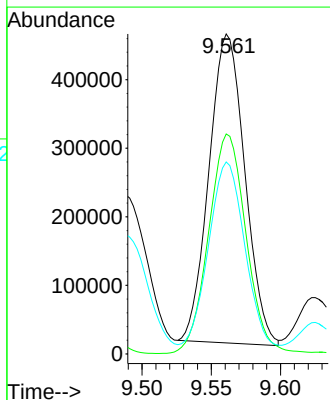
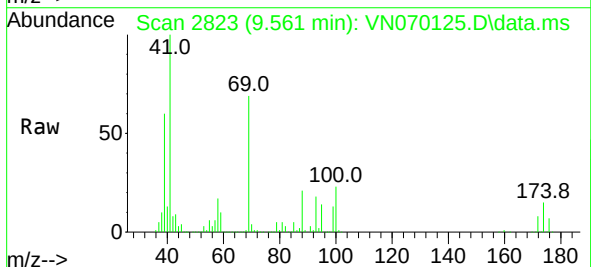
Manual Integrations
APPROVED

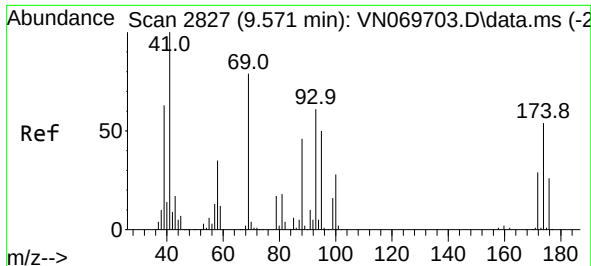
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#48
Methyl methacrylate
Concen: 50.116 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

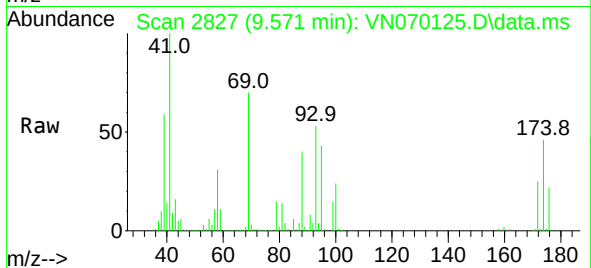
Tgt Ion: 41 Resp: 811745
Ion Ratio Lower Upper
41 100
69 74.2 72.4 108.6
39 64.6 58.4 87.6





#49
1,4-Dioxane
Concen: 960.775 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

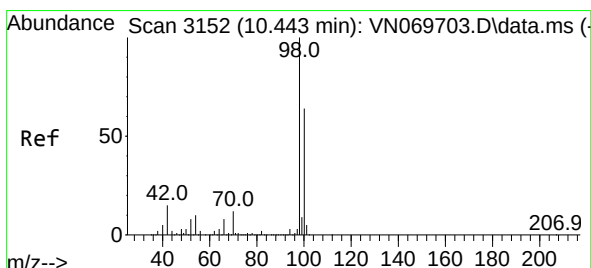
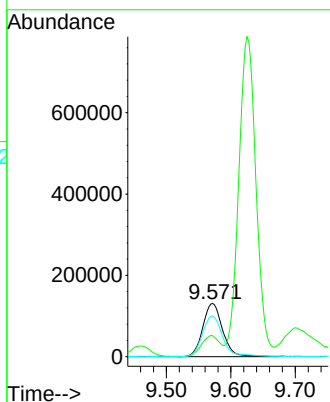
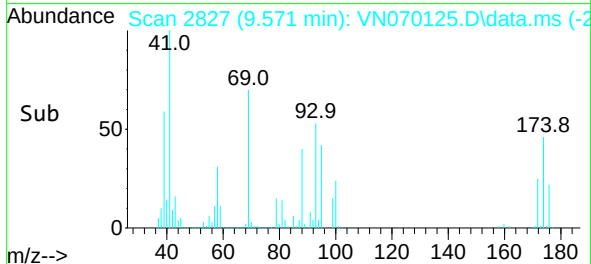
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 279230
Ion Ratio Lower Upper
88 100
43 36.9 23.4 35.2
58 76.3 50.6 75.8

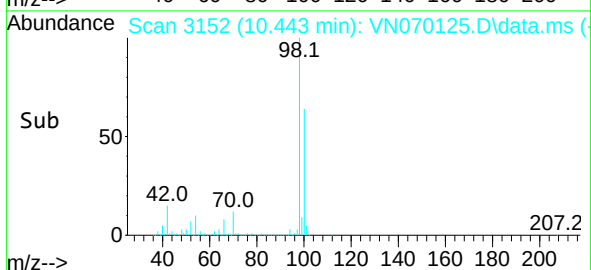
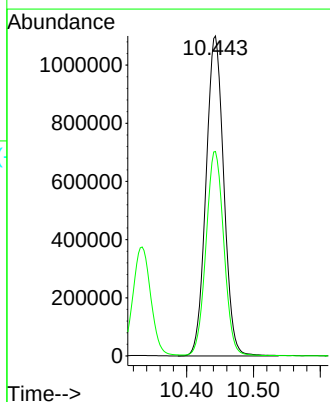
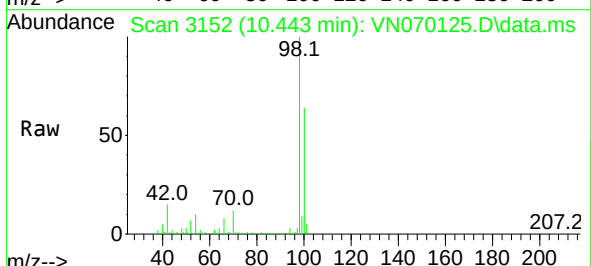
Manual Integrations
APPROVED

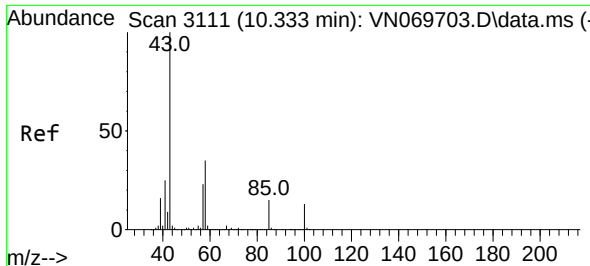
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#50
Toluene-d8
Concen: 48.855 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

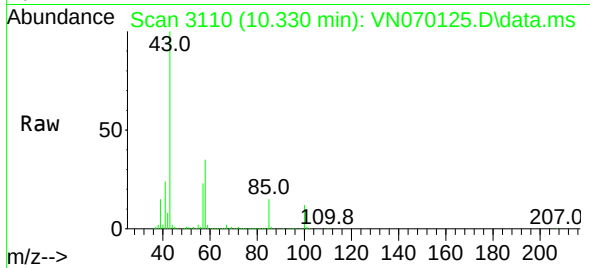
Tgt Ion: 98 Resp: 2033977
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 262.816 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

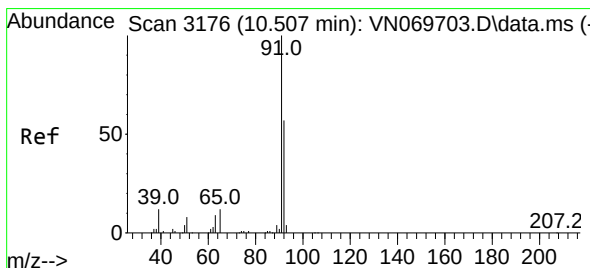
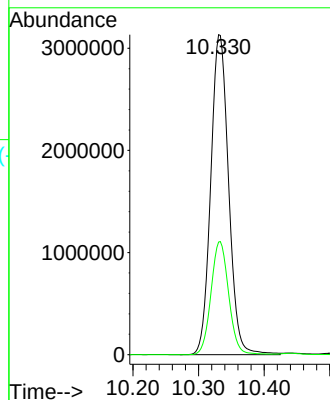
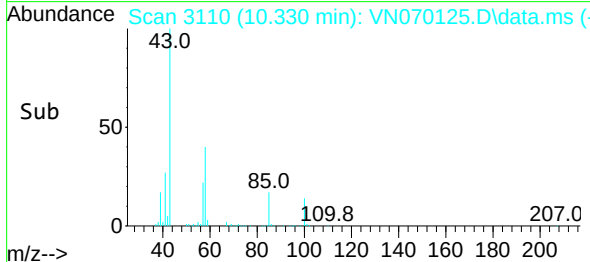
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



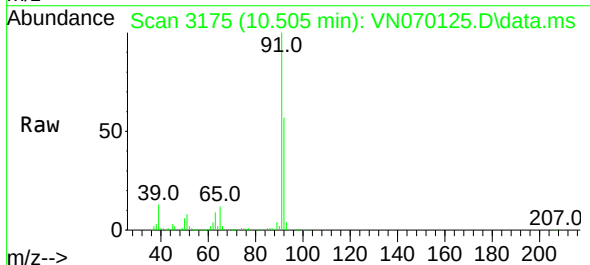
Tgt Ion: 43 Resp: 5917559
Ion Ratio Lower Upper
43 100
58 35.0 30.4 45.6

Manual Integrations
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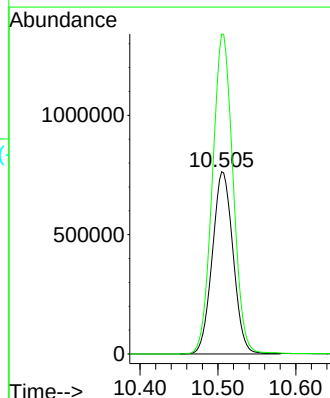
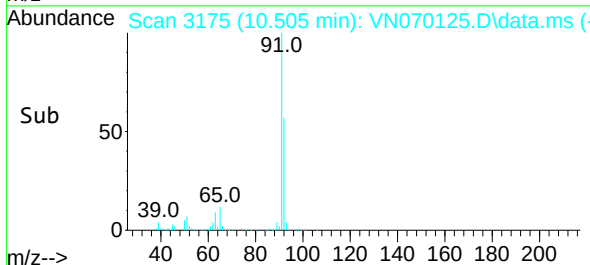
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

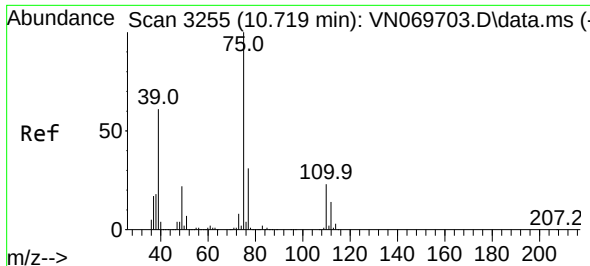


#52
Toluene
Concen: 47.967 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00



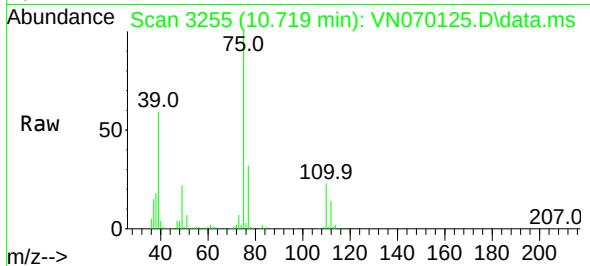
Tgt Ion: 92 Resp: 1410539
Ion Ratio Lower Upper
92 100
91 175.3 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 43.277 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

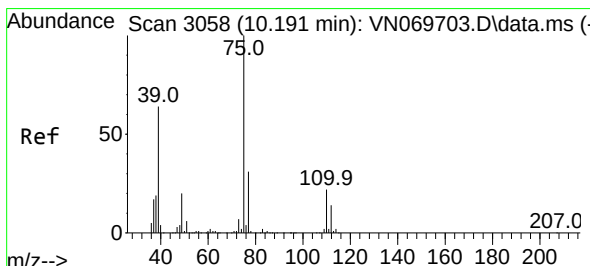
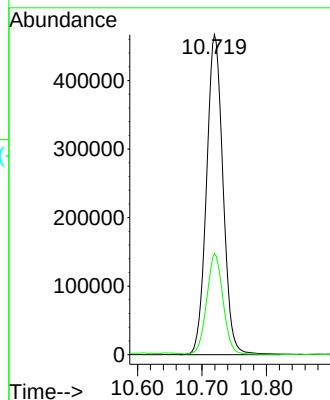
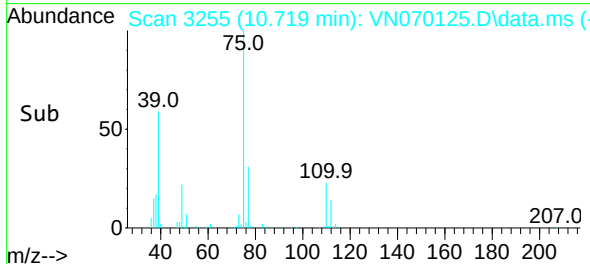
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



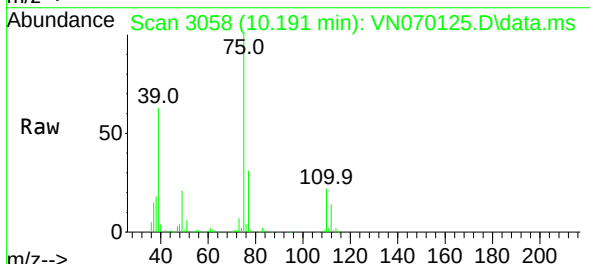
Tgt Ion: 75 Resp: 82843
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4

Manual Integrations
APPROVED

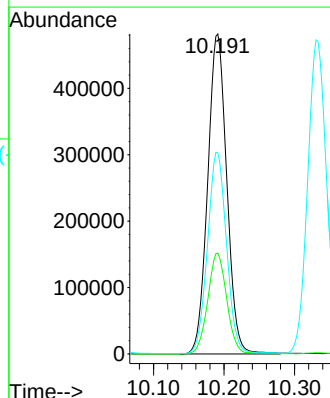
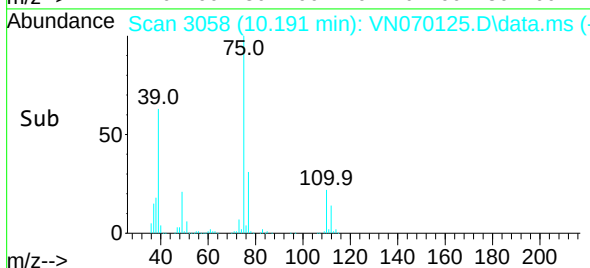
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

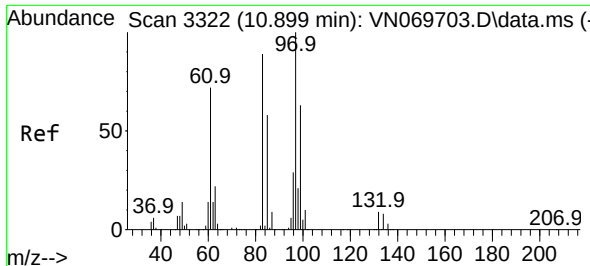


#54
cis-1,3-Dichloropropene
Concen: 44.919 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00



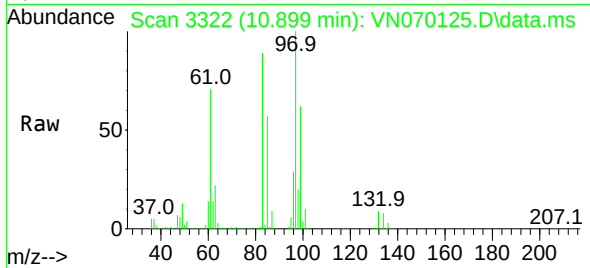
Tgt Ion: 75 Resp: 906502
Ion Ratio Lower Upper
75 100
77 31.5 26.4 39.6
39 62.8 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 49.176 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

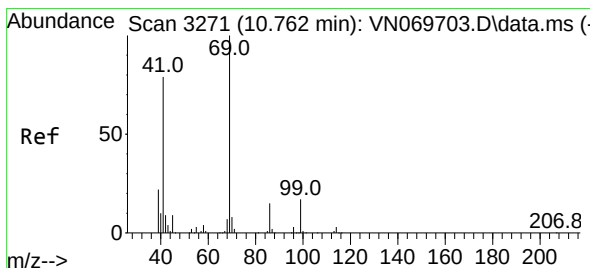
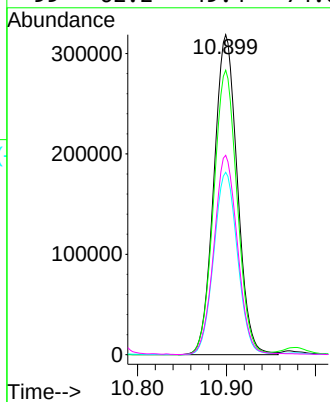
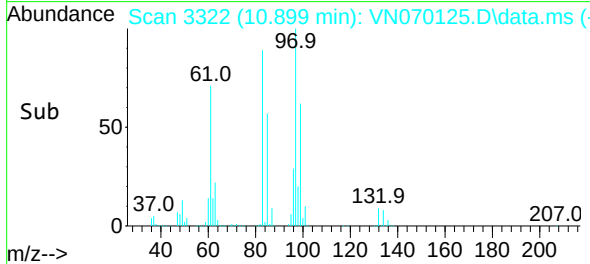
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



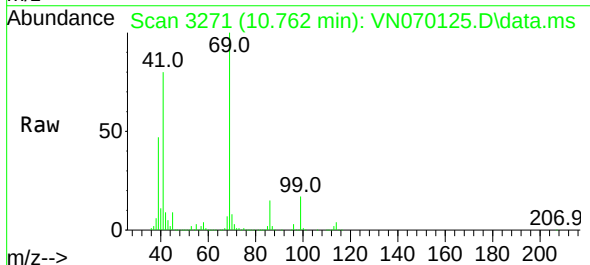
Tgt Ion: 97 Resp: 583462
Ion Ratio Lower Upper
97 100
83 88.9 67.8 101.6
85 57.0 45.4 68.2
99 62.2 49.4 74.0

Manual Integrations
APPROVED

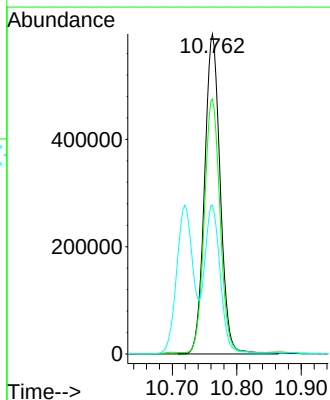
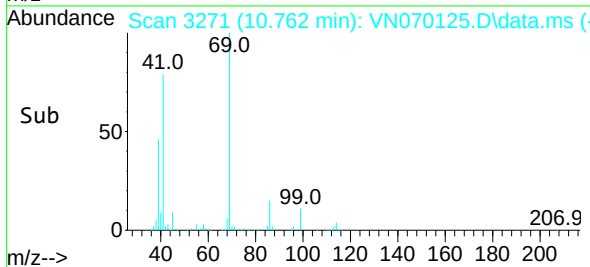
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

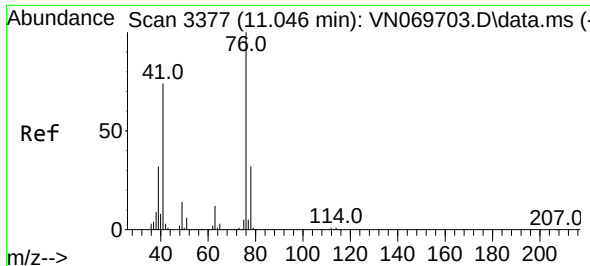


#56
Ethyl methacrylate
Concen: 45.167 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00



Tgt Ion: 69 Resp: 1005995
Ion Ratio Lower Upper
69 100
41 79.2 51.4 77.0#
39 46.5 34.6 52.0





#57

1,3-Dichloropropane

Concen: 49.784 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070125.D

Acq: 15 Dec 2021 21:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 1040070

Ion Ratio Lower Upper

76 100

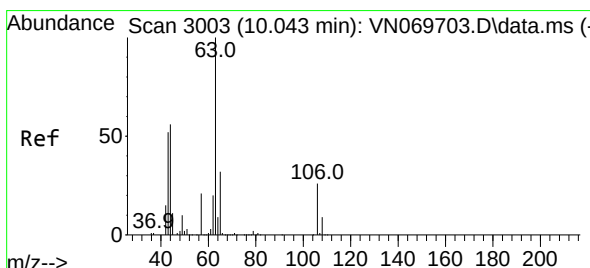
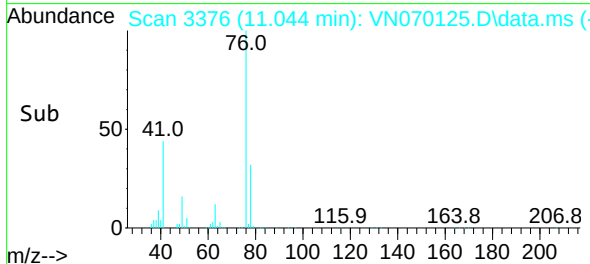
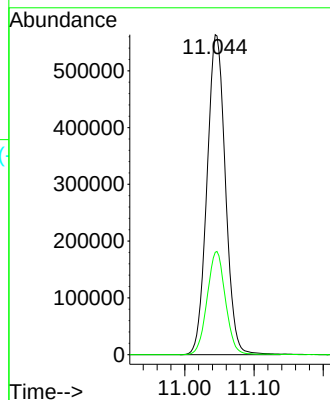
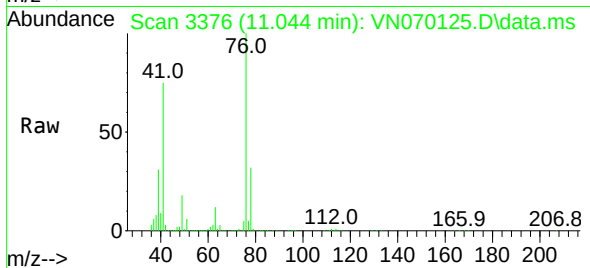
78 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Amit Patel 12/16/2021



#58

2-Chloroethyl Vinyl ether

Concen: 219.380 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN070125.D

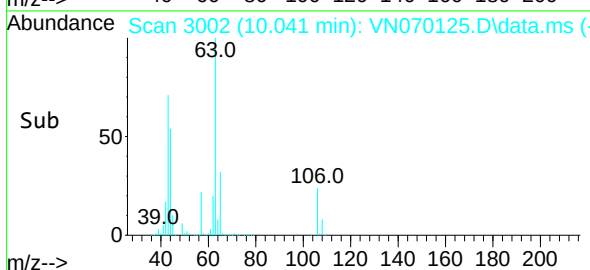
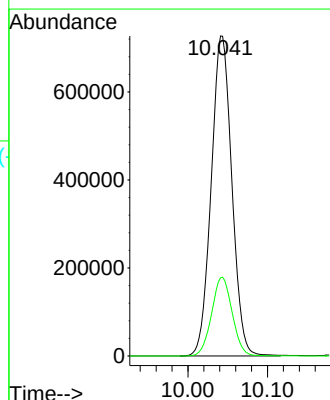
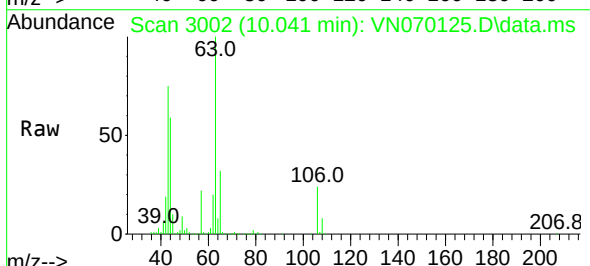
Acq: 15 Dec 2021 21:00

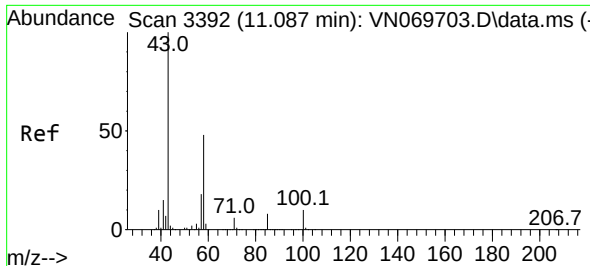
Tgt Ion: 63 Resp: 1311581

Ion Ratio Lower Upper

63 100

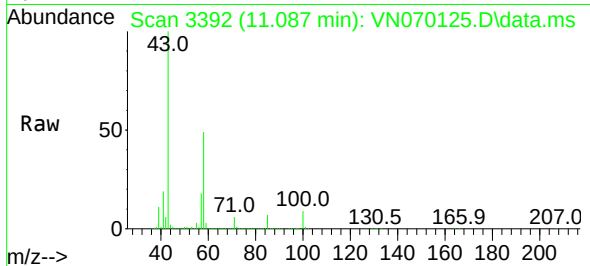
106 24.5 23.9 35.9





#59
2-Hexanone
Concen: 251.166 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

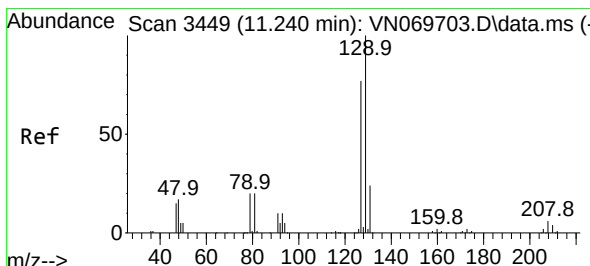
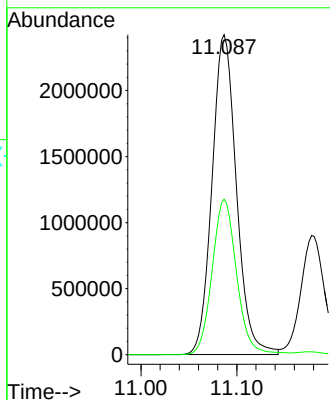
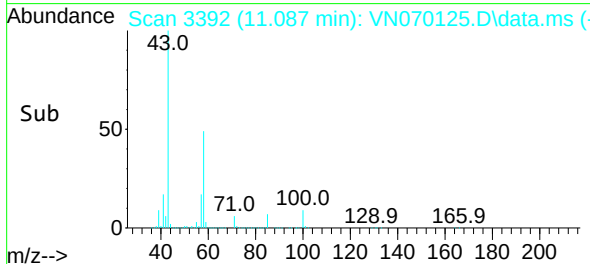
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 427802
Ion Ratio Lower Upper
43 100
58 48.8 26.9 80.7

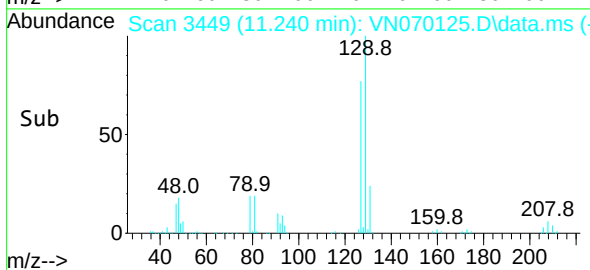
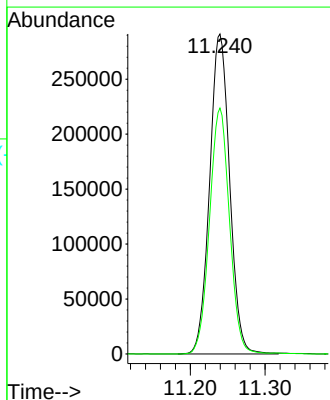
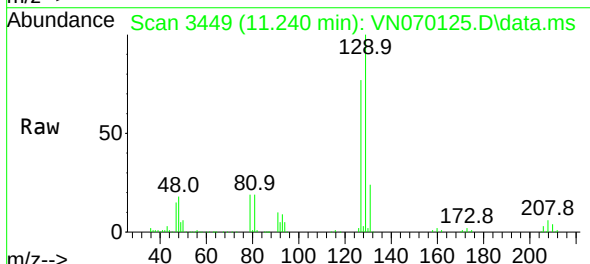
Manual Integrations
APPROVED

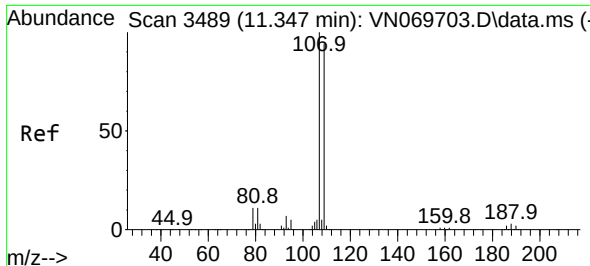
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#60
Dibromochloromethane
Concen: 42.977 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

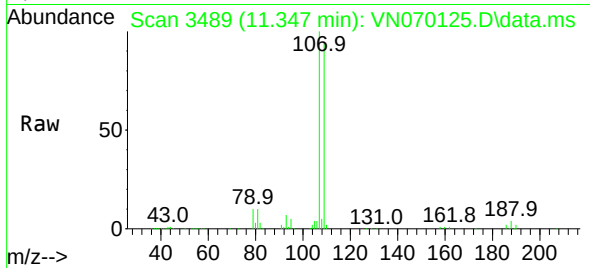
Tgt Ion:129 Resp: 541895
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 47.428 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

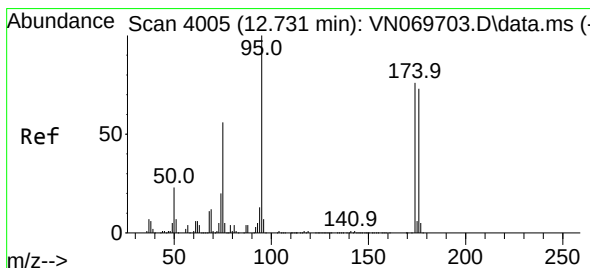
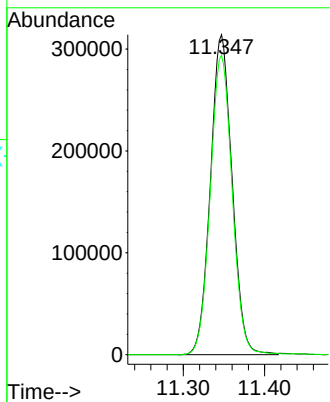
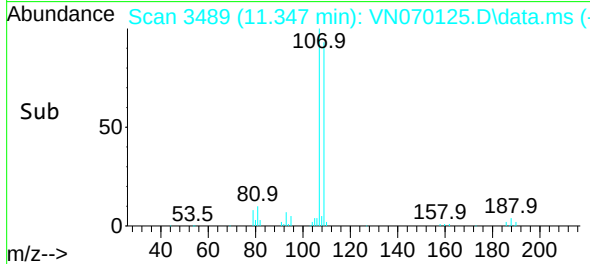
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



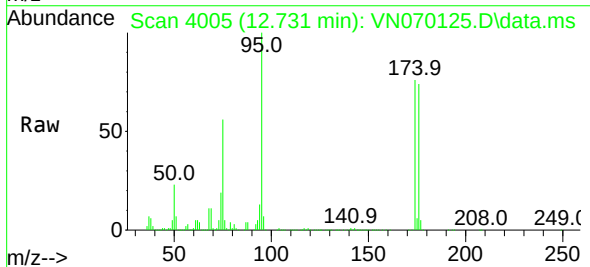
Tgt Ion:107 Resp: 58284
Ion Ratio Lower Upper
107 100
109 94.4 75.7 113.5

Manual Integrations
APPROVED

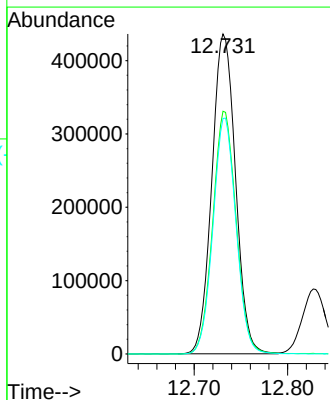
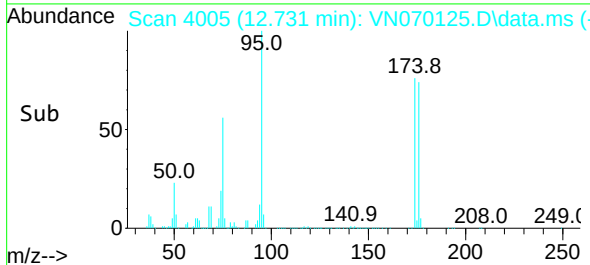
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

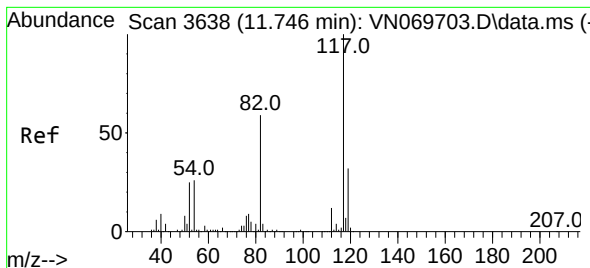


#62
4-Bromofluorobenzene
Concen: 50.923 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00



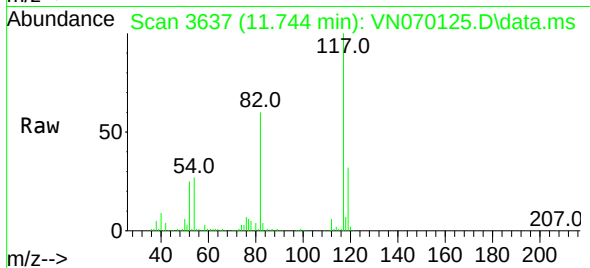
Tgt Ion: 95 Resp: 768057
Ion Ratio Lower Upper
95 100
174 75.0 0.0 187.2
176 72.0 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. -0.002 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

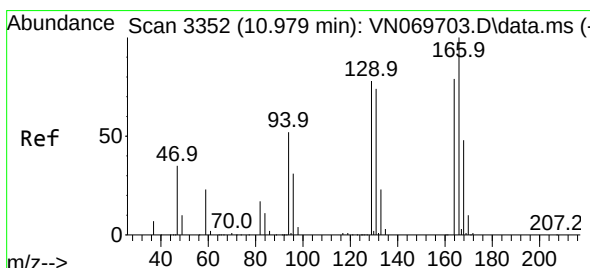
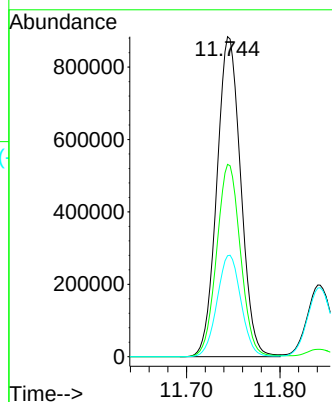
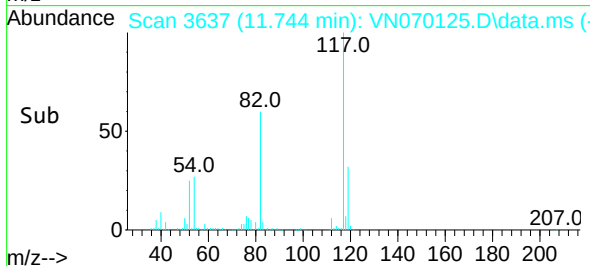
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



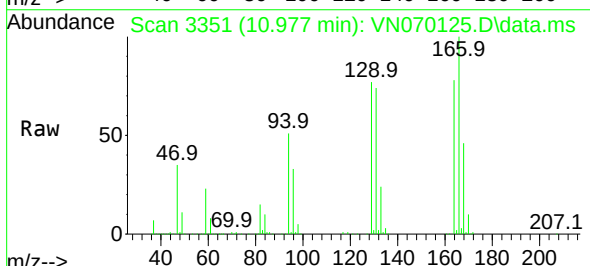
Tgt Ion:117 Resp: 1574340
Ion Ratio Lower Upper
117 100
82 60.1 42.4 63.6
119 31.6 25.4 38.2

Manual Integrations
APPROVED

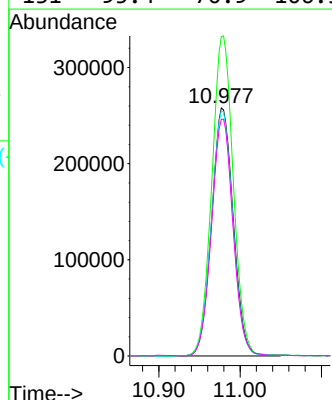
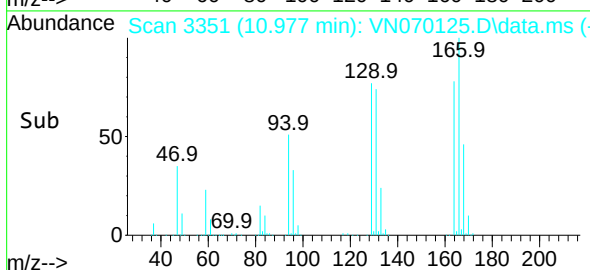
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

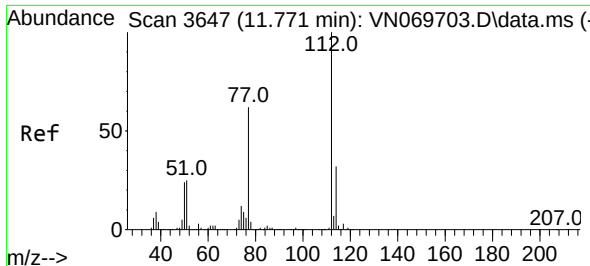


#64
Tetrachloroethene
Concen: 44.793 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00



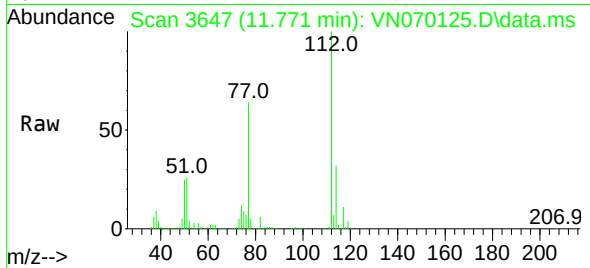
Tgt Ion:164 Resp: 478172
Ion Ratio Lower Upper
164 100
166 128.9 101.9 152.9
129 98.8 72.0 108.0
131 95.4 70.9 106.3





#65
Chlorobenzene
Concen: 46.878 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

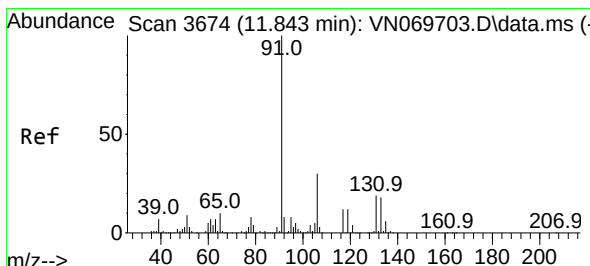
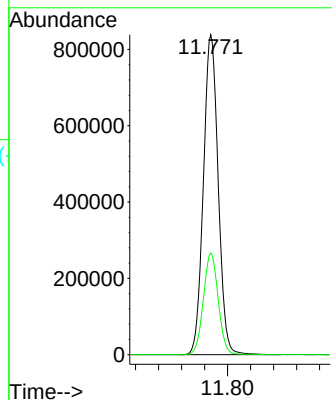
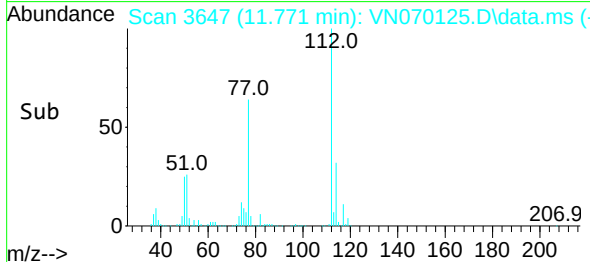
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



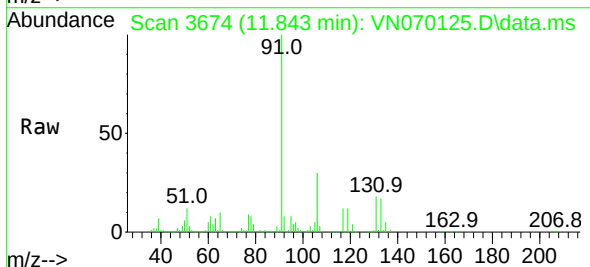
Tgt Ion:112 Resp: 149722
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0

Manual Integrations
APPROVED

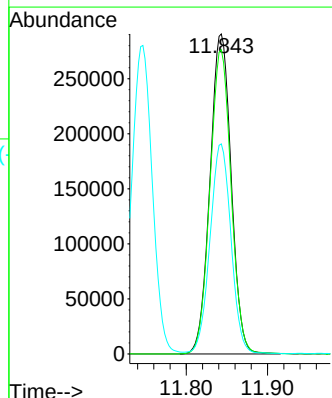
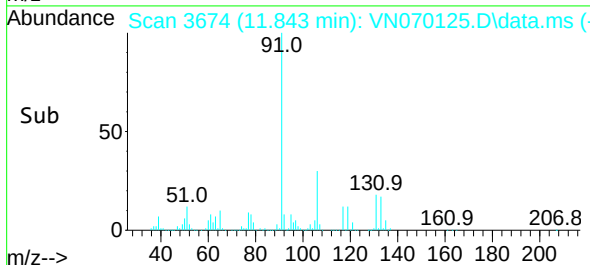
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

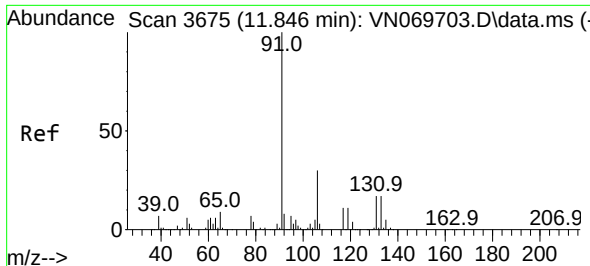


#66
1,1,1,2-Tetrachloroethane
Concen: 46.798 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00



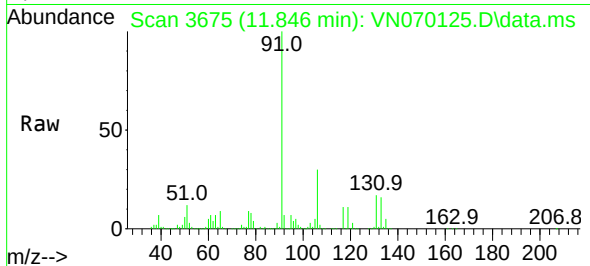
Tgt Ion:131 Resp: 526080
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.7
119 65.0 32.1 96.5





#67
Ethyl Benzene
Concen: 48.763 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

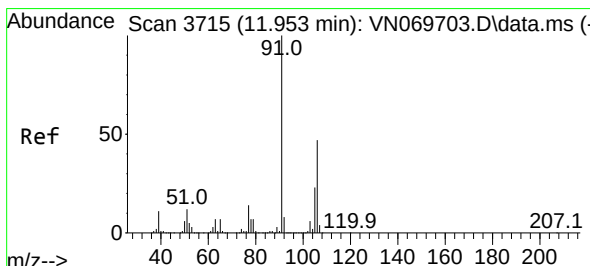
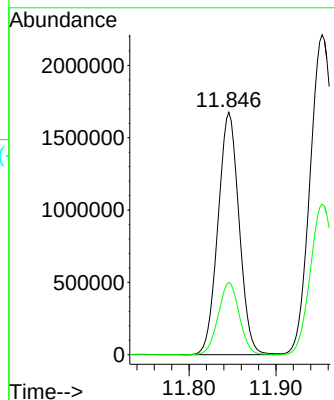
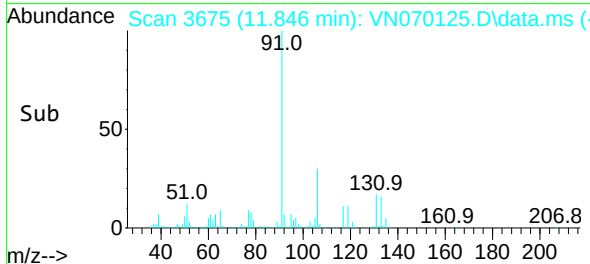
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



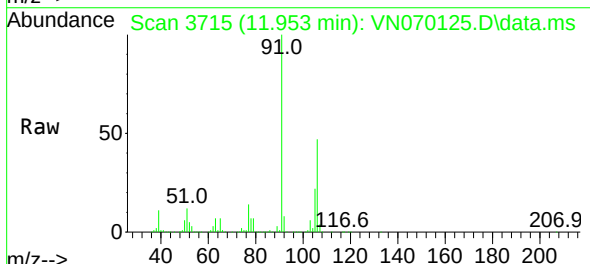
Tgt Ion: 91 Resp: 2829014
Ion Ratio Lower Upper
91 100
106 29.8 25.7 38.5

Manual Integrations
APPROVED

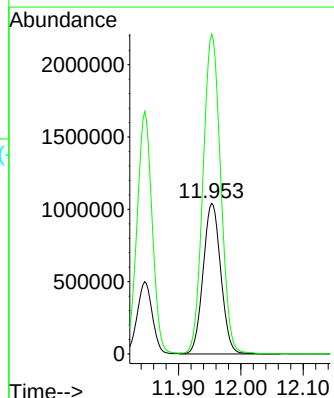
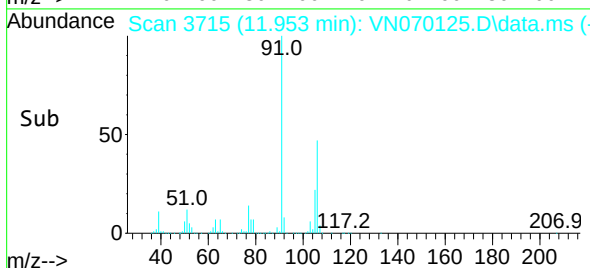
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

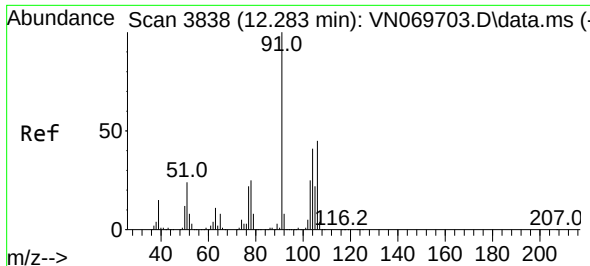


#68
m/p-Xylenes
Concen: 96.951 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00



Tgt Ion:106 Resp: 2048004
Ion Ratio Lower Upper
106 100
91 213.4 160.6 240.8





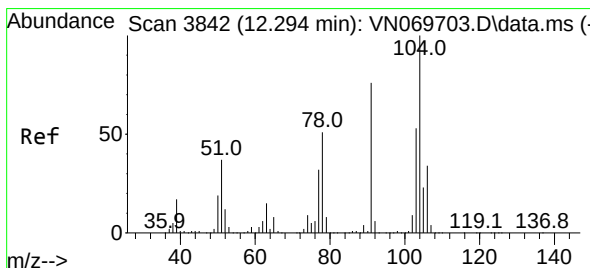
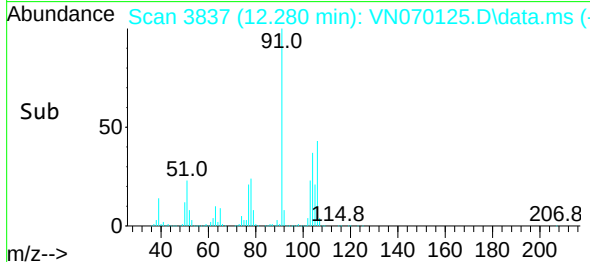
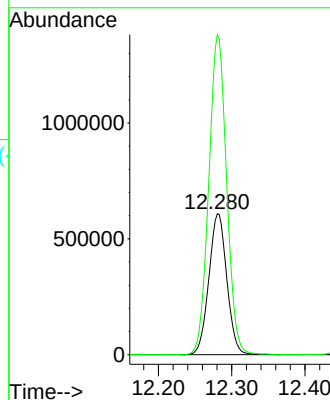
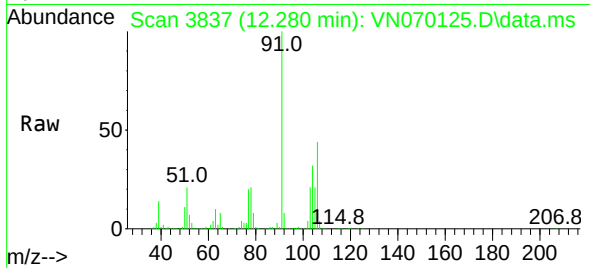
#69
o-Xylene
Concen: 48.706 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 103635
Ion Ratio Lower Upper
106 100
91 225.4 105.8 317.3

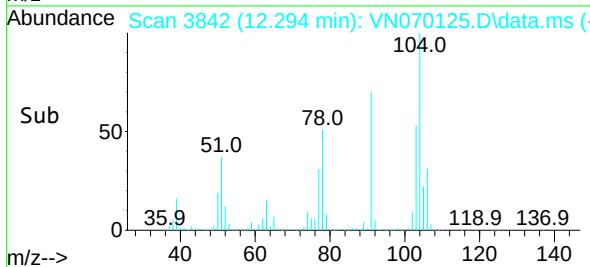
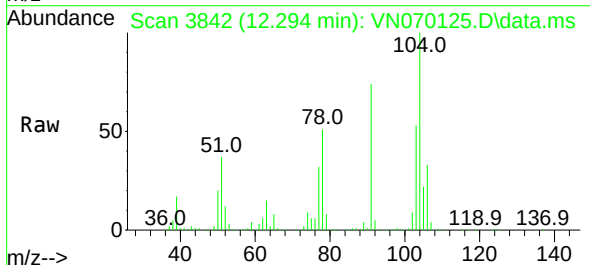
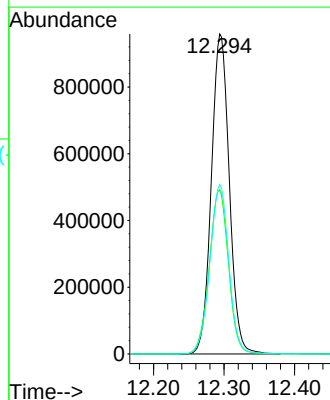
Manual Integrations
APPROVED

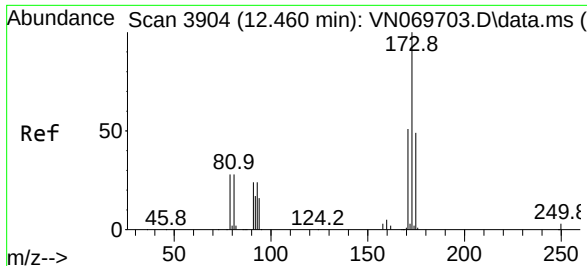
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#70
Styrene
Concen: 50.224 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

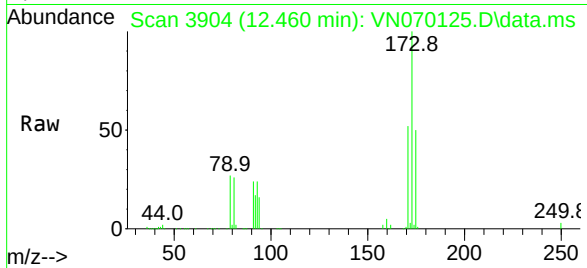
Tgt Ion:104 Resp: 1694545
Ion Ratio Lower Upper
104 100
78 55.0 38.7 58.1
103 55.8 45.0 67.6





#71
Bromoform
Concen: 40.767 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

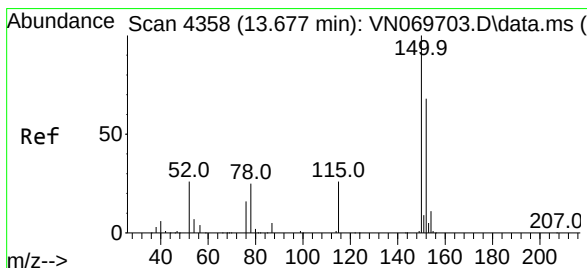
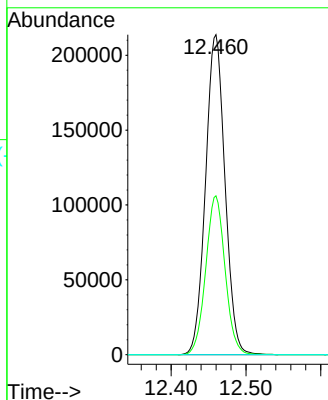
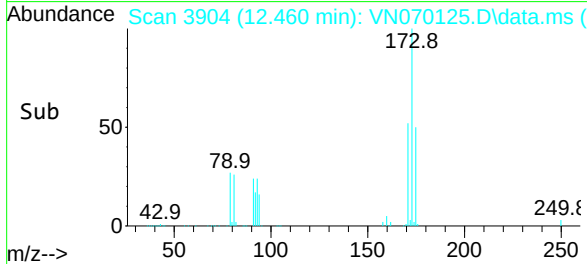
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



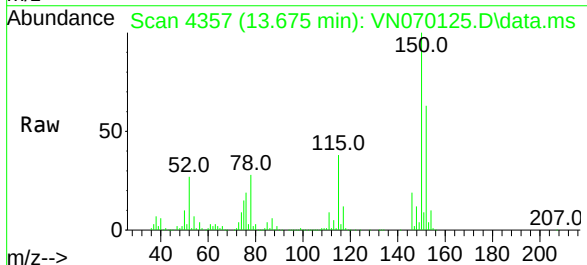
Tgt Ion:173 Resp: 38683
Ion Ratio Lower Upper
173 100
175 49.4 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

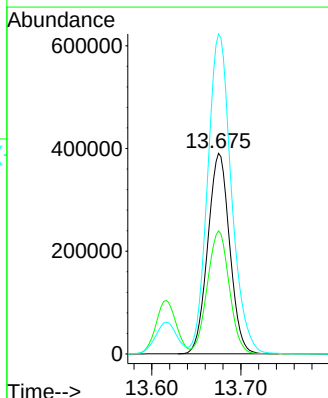
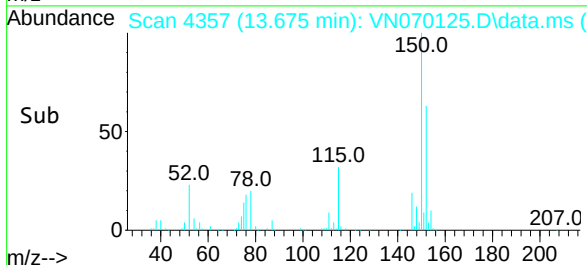
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

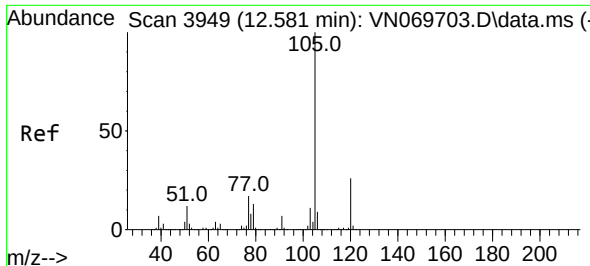


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00



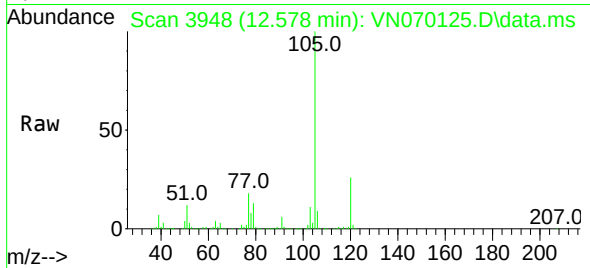
Tgt Ion:152 Resp: 667236
Ion Ratio Lower Upper
152 100
115 61.6 27.5 82.5
150 173.1 0.0 344.4





#73
Isopropylbenzene
Concen: 46.198 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

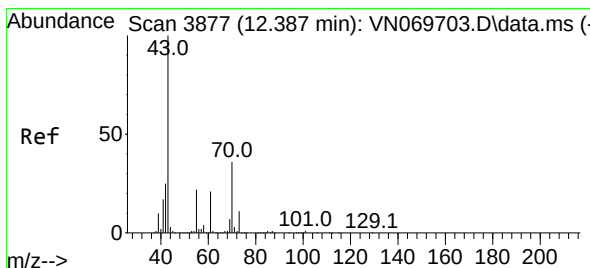
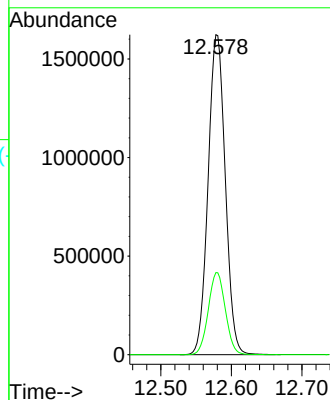
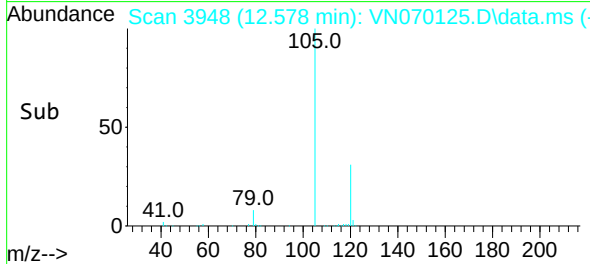
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 274258
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1

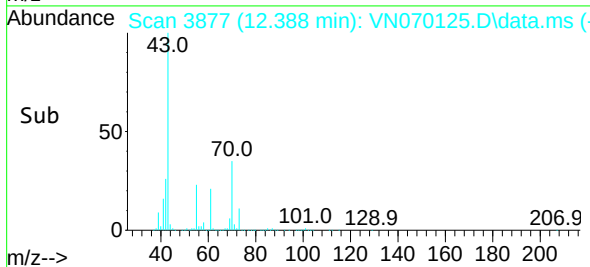
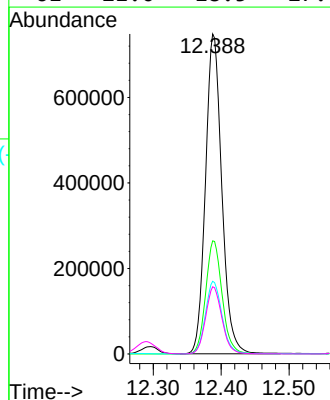
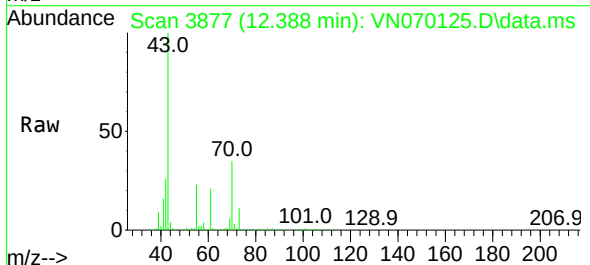
Manual Integrations
APPROVED

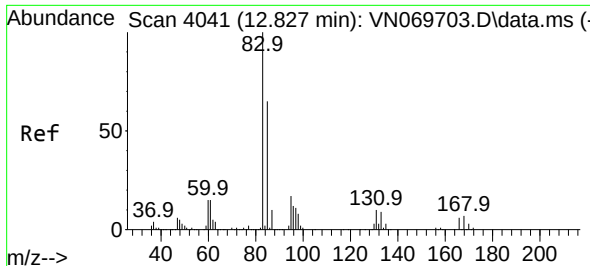
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#74
N-amy1 acetate
Concen: 47.468 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

Tgt Ion: 43 Resp: 1246207
Ion Ratio Lower Upper
43 100
70 35.7 33.4 50.0
55 23.2 19.3 28.9
61 21.0 18.5 27.7





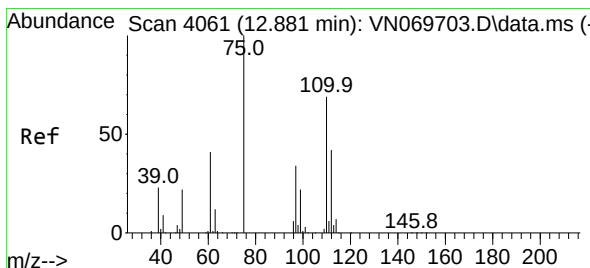
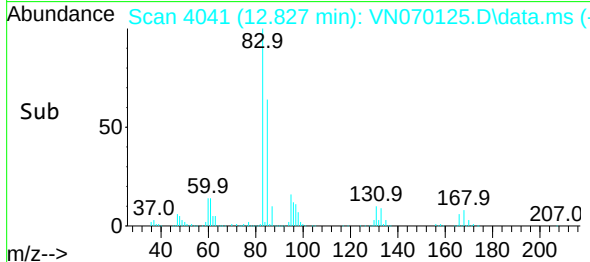
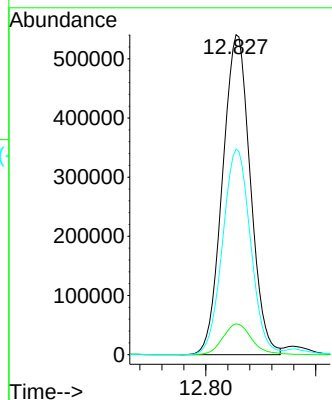
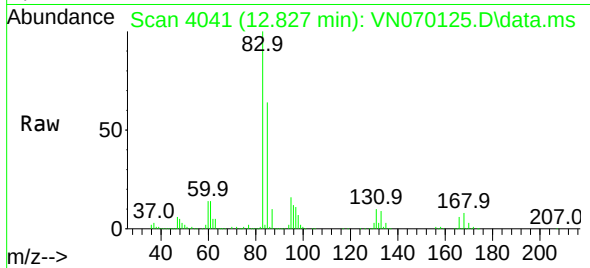
#75
1,1,2,2-Tetrachloroethane
Concen: 46.295 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 950368
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 64.6 32.4 97.2

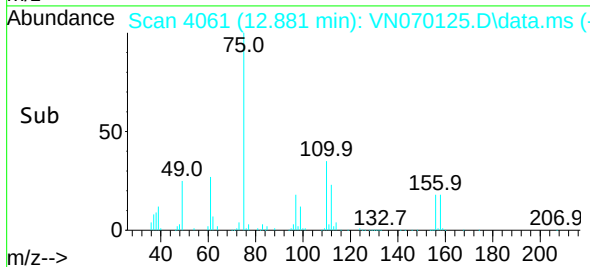
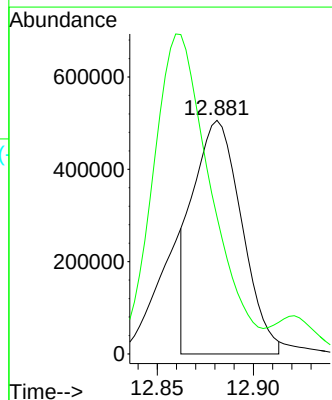
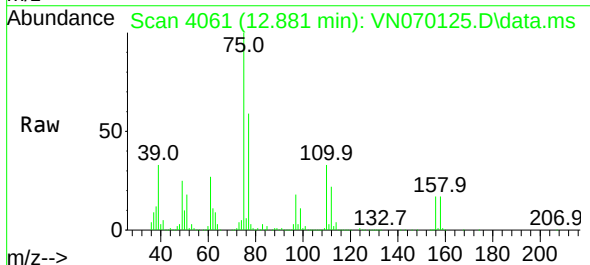
Manual Integrations
APPROVED

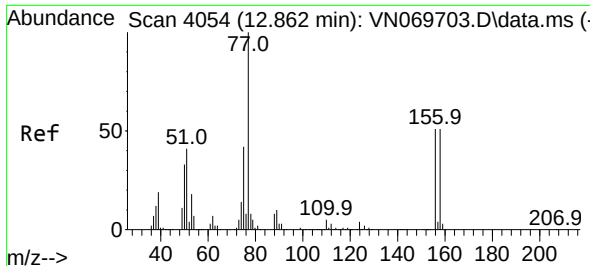
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#76
1,2,3-Trichloropropane
Concen: 46.412 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

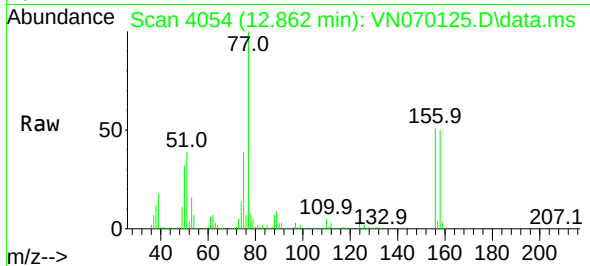
Tgt Ion: 75 Resp: 888080
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 44.559 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

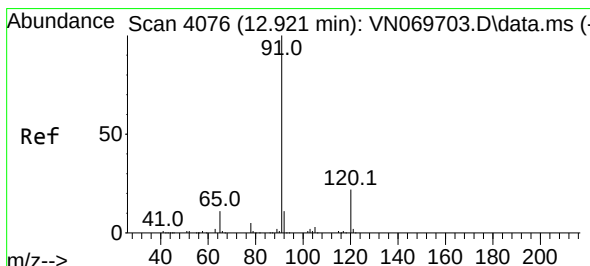
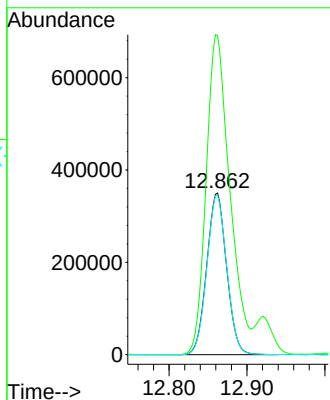
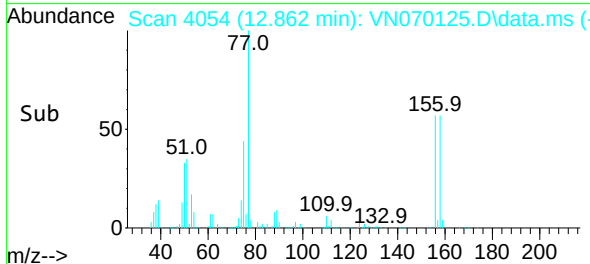
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 621340
Ion Ratio Lower Upper
156 100
77 234.9 90.6 271.8
158 98.9 48.9 146.7

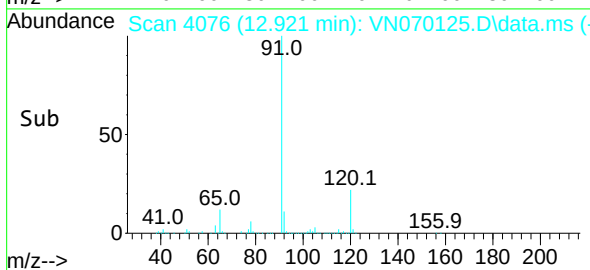
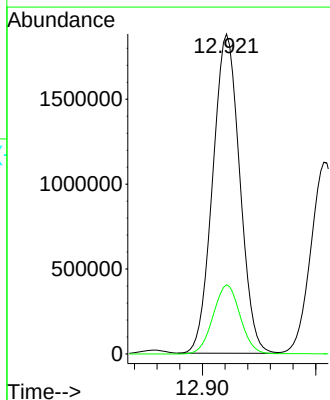
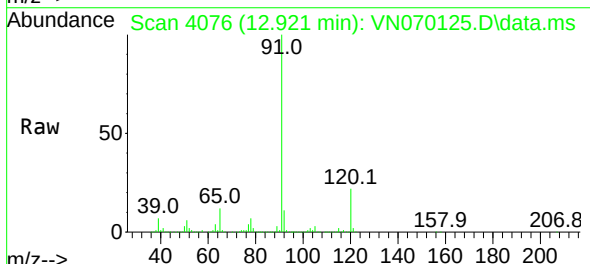
Manual Integrations
APPROVED

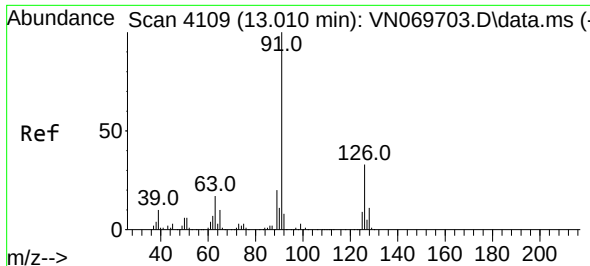
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#78
n-propylbenzene
Concen: 47.122 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

Tgt Ion: 91 Resp: 3112900
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9





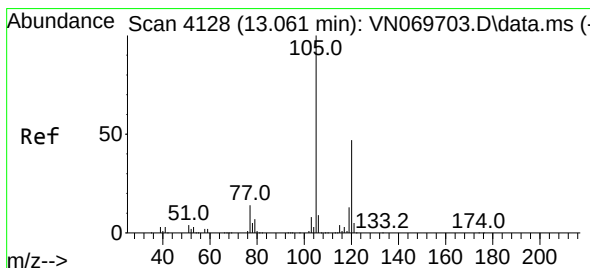
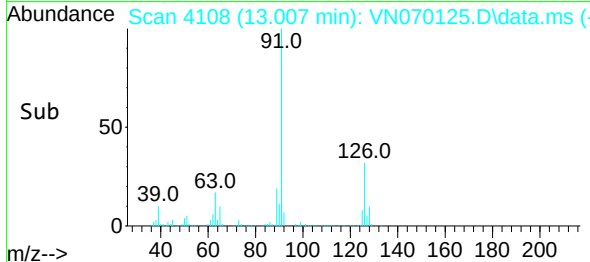
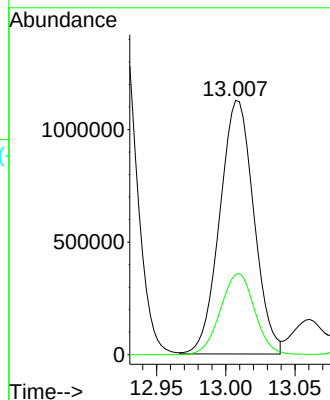
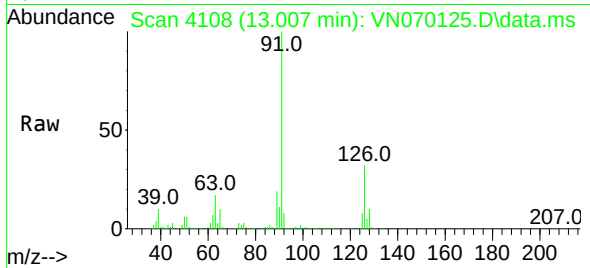
#79
2-Chlorotoluene
Concen: 46.208 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1928792
Ion Ratio Lower Upper
91 100
126 32.1 18.3 54.8

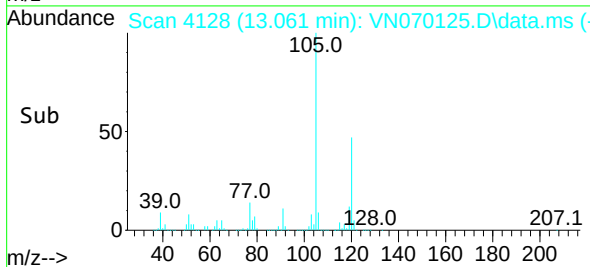
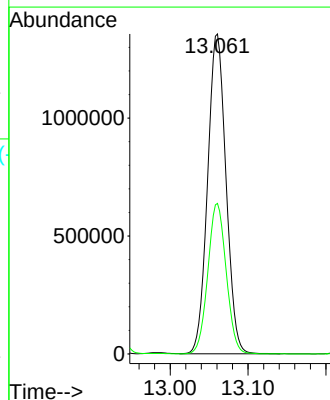
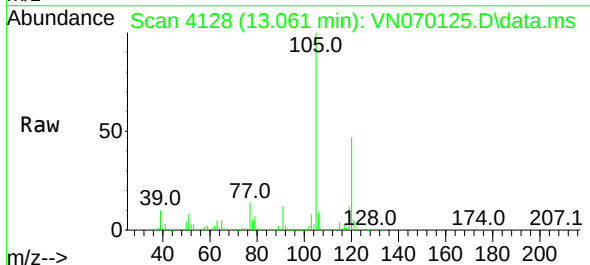
Manual Integrations
APPROVED

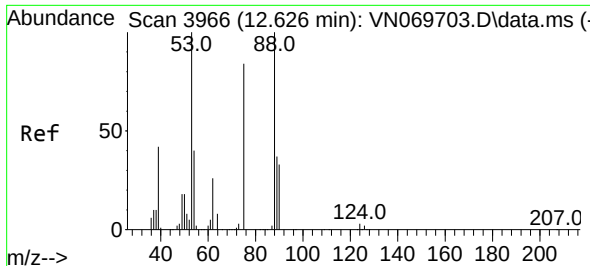
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#80
1,3,5-Trimethylbenzene
Concen: 46.559 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

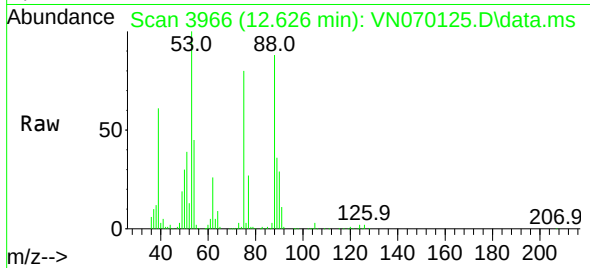
Tgt Ion:105 Resp: 2224701
Ion Ratio Lower Upper
105 100
120 46.9 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 40.472 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

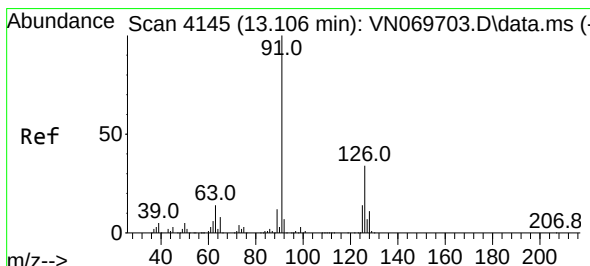
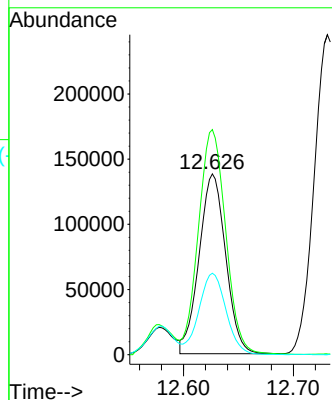
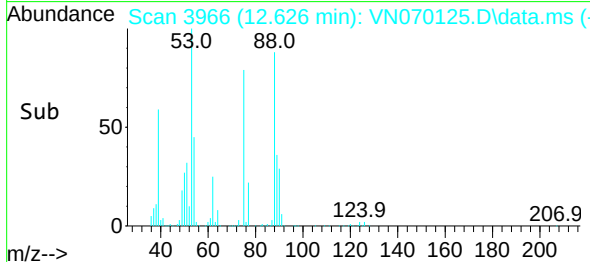
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 23169
Ion Ratio Lower Upper
75 100
53 128.8 90.5 135.7
89 46.4 38.2 57.4

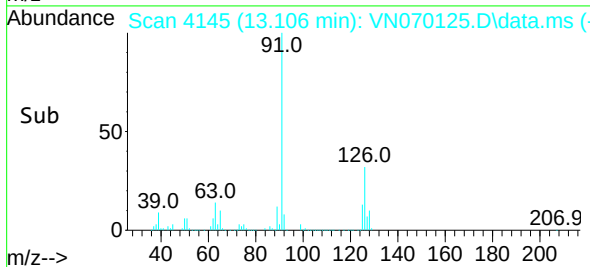
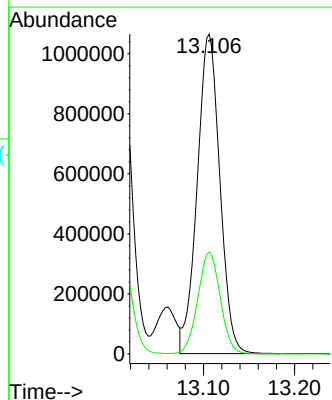
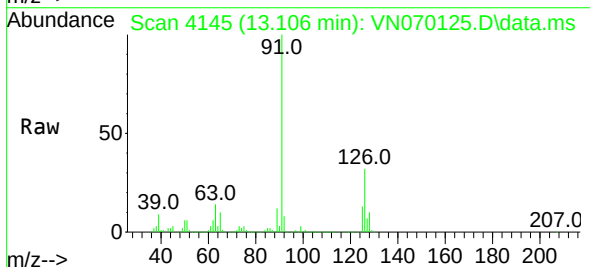
Manual Integrations
APPROVED

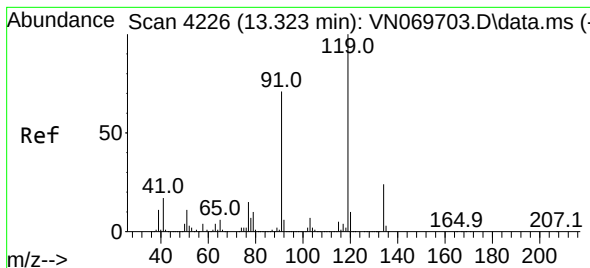
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#82
4-Chlorotoluene
Concen: 46.691 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

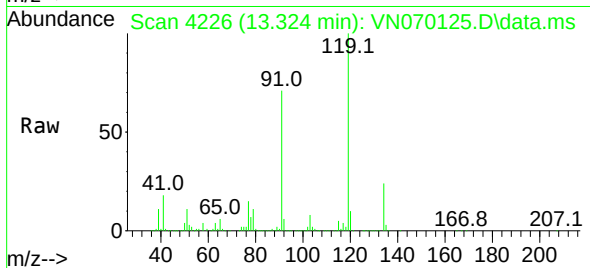
Tgt Ion: 91 Resp: 1832869
Ion Ratio Lower Upper
91 100
126 31.7 18.2 54.6





#83
tert-Butylbenzene
Concen: 46.579 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

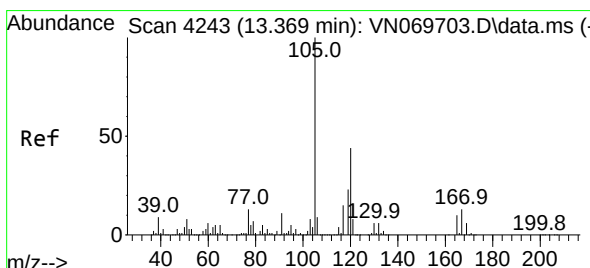
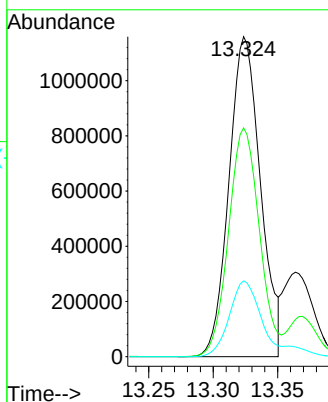
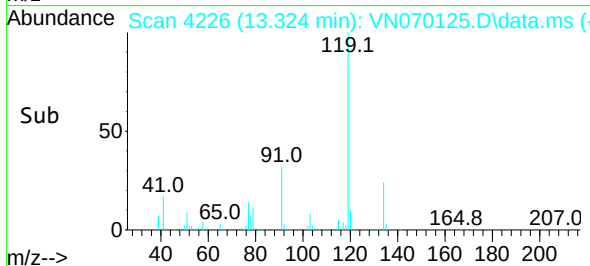
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



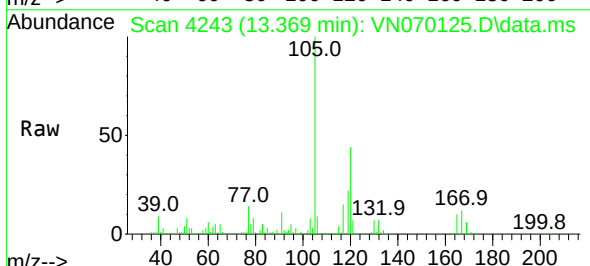
Tgt Ion:119 Resp: 1970732
Ion Ratio Lower Upper
119 100
91 70.3 31.5 94.5
134 23.4 12.4 37.4

Manual Integrations
APPROVED

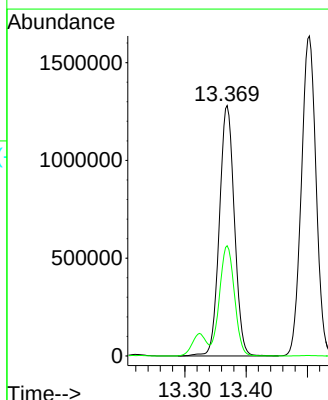
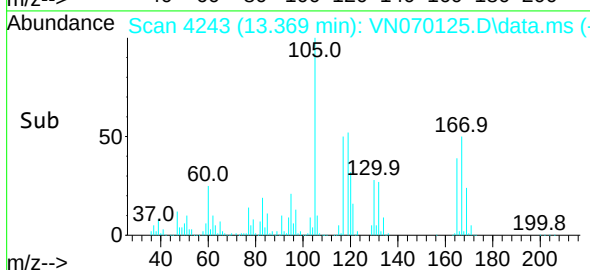
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

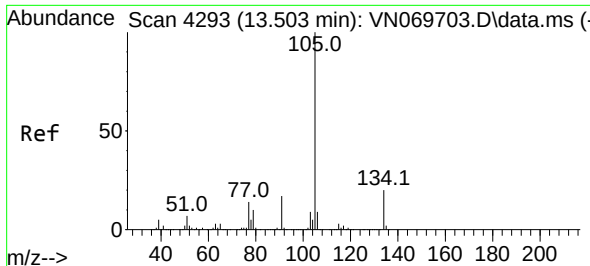


#84
1,2,4-Trimethylbenzene
Concen: 47.882 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00



Tgt Ion:105 Resp: 2178905
Ion Ratio Lower Upper
105 100
120 44.1 22.8 68.4





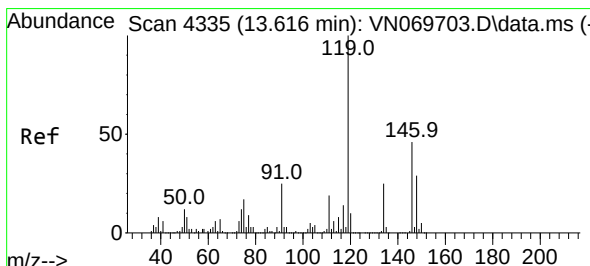
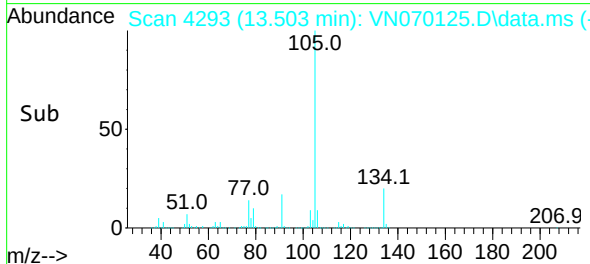
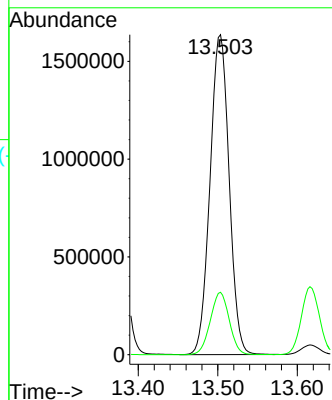
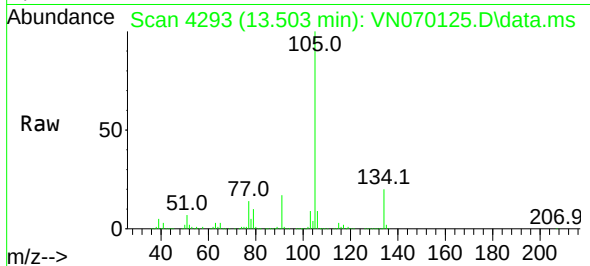
#85
 sec-Butylbenzene
 Concen: 47.528 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN070125.D
 Acq: 15 Dec 2021 21:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 2727610
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

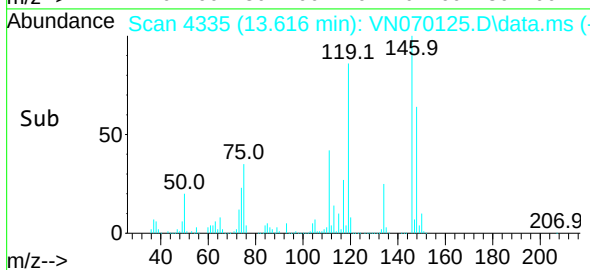
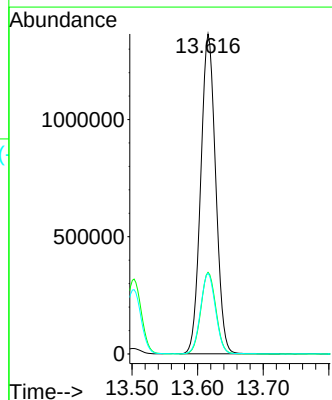
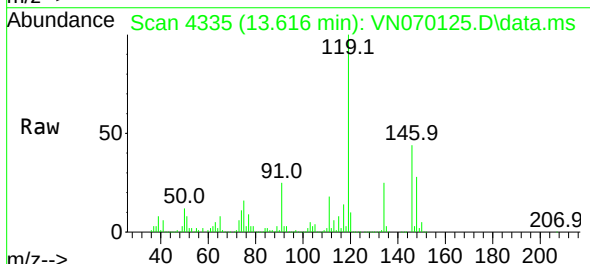
Manual Integrations
 APPROVED

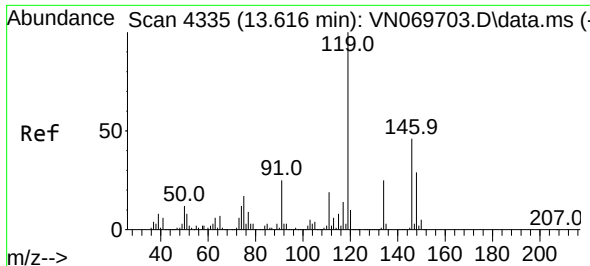
Reviewed By :John Carlone 12/16/2021
 Supervised By :Amit Patel 12/16/2021



#86
 p-Isopropyltoluene
 Concen: 48.142 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070125.D
 Acq: 15 Dec 2021 21:00

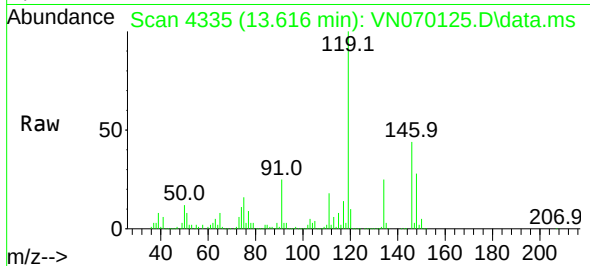
Tgt Ion:119 Resp: 2159588
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.6 40.7
 91 25.2 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 45.834 ug/l
RT: 13.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

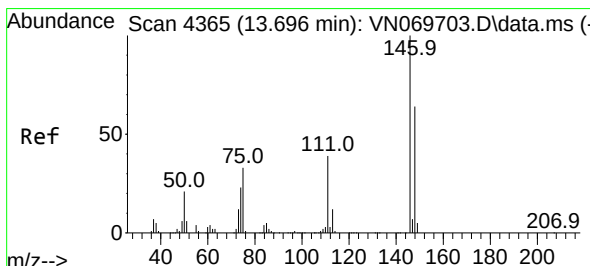
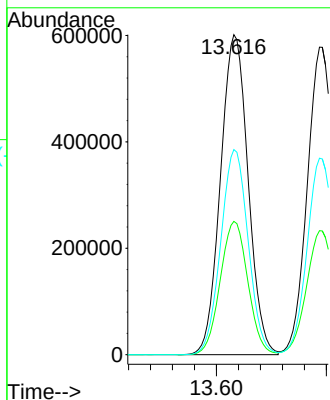
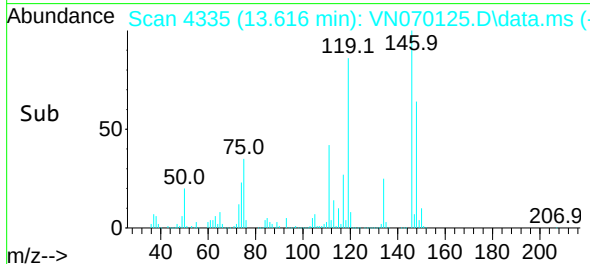
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



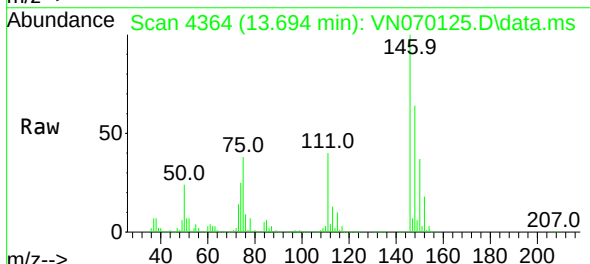
Tgt Ion:146 Resp: 104995
Ion Ratio Lower Upper
146 100
111 41.7 18.6 55.6
148 63.7 31.6 95.0

Manual Integrations
APPROVED

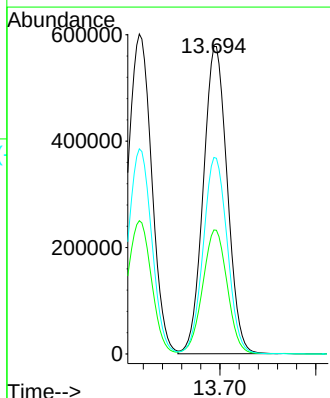
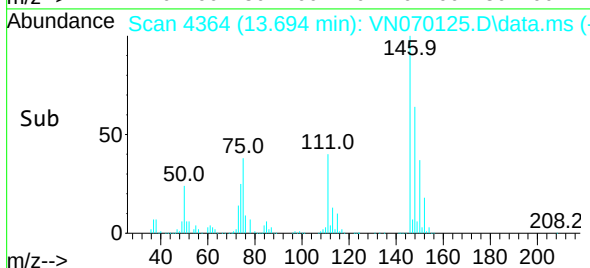
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021

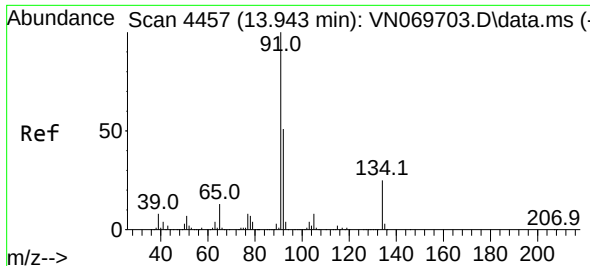


#88
1,4-Dichlorobenzene
Concen: 44.554 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00



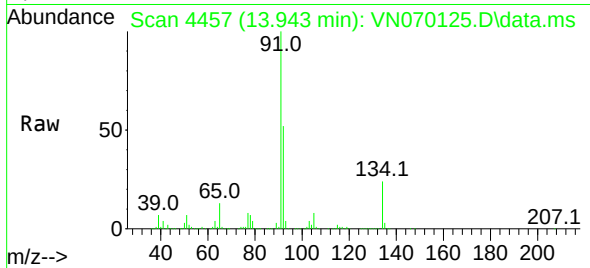
Tgt Ion:146 Resp: 1003000
Ion Ratio Lower Upper
146 100
111 41.3 18.3 54.8
148 64.3 31.8 95.4





#89
n-Butylbenzene
Concen: 47.866 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

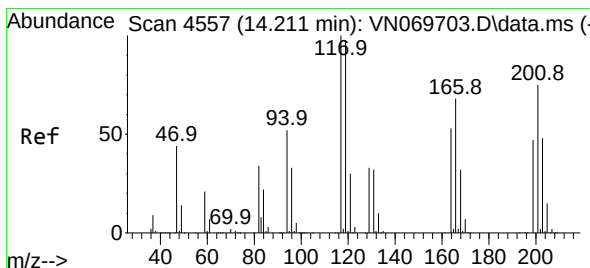
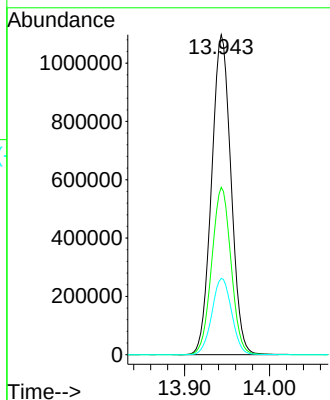
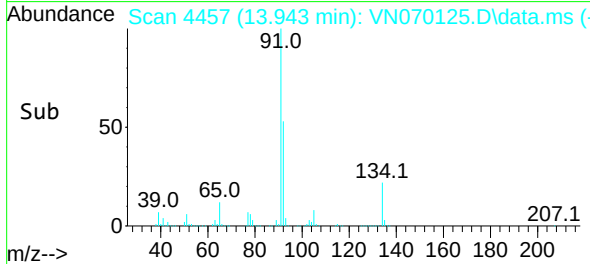
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1741780
Ion Ratio Lower Upper
91 100
92 52.2 25.4 76.0
134 24.3 13.6 40.8

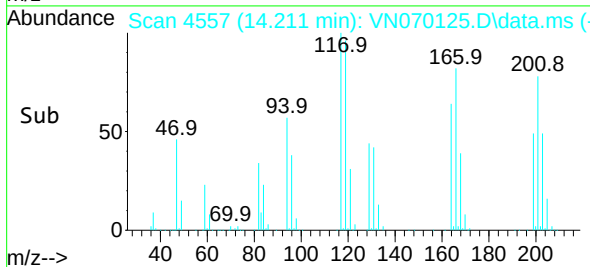
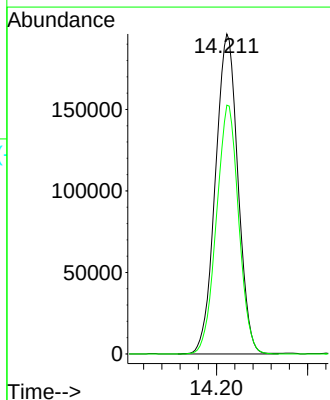
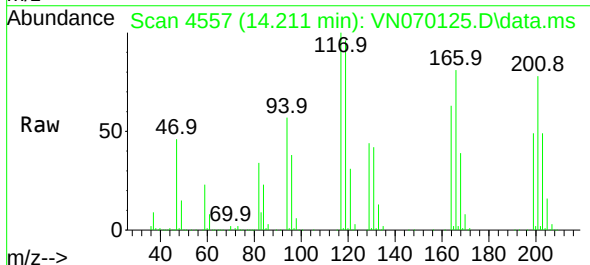
Manual Integrations
APPROVED

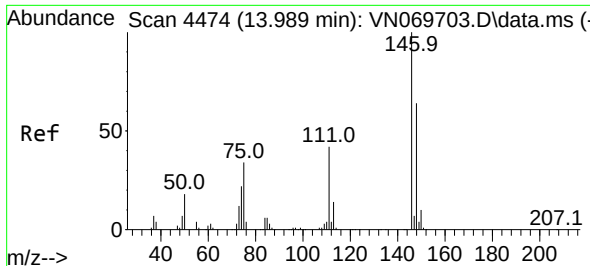
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#90
Hexachloroethane
Concen: 42.798 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

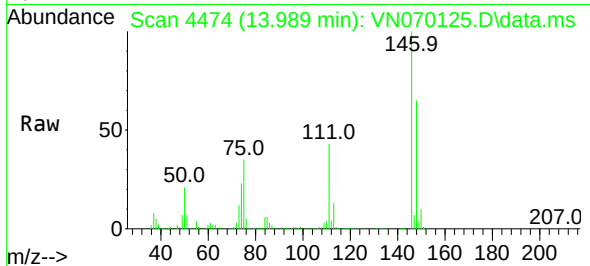
Tgt Ion:117 Resp: 337069
Ion Ratio Lower Upper
117 100
201 76.6 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 45.536 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

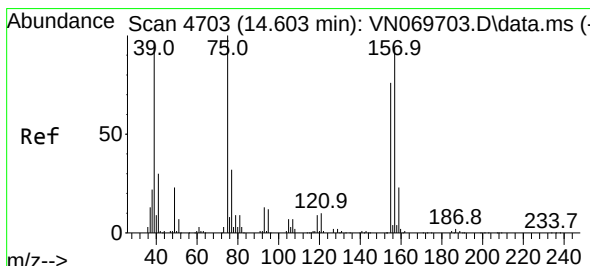
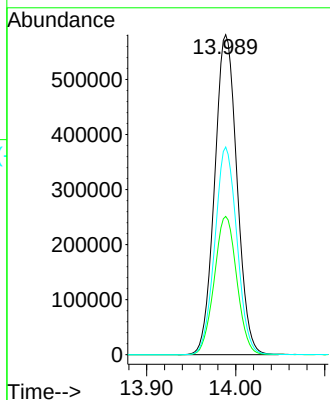
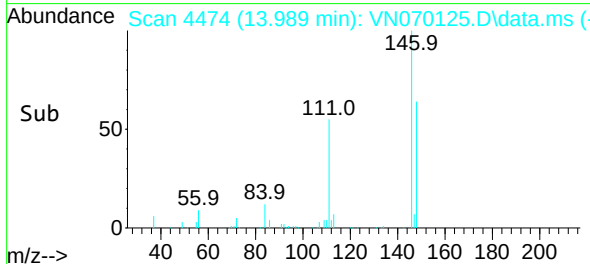
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 1016370
Ion Ratio Lower Upper
146 100
111 43.6 19.1 57.3
148 64.3 32.1 96.3

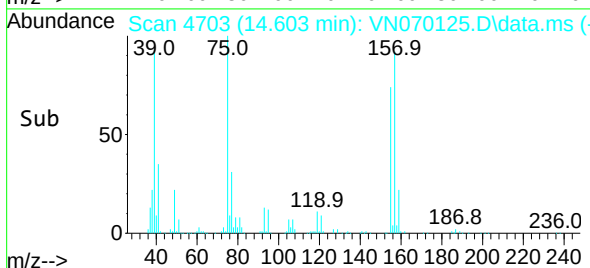
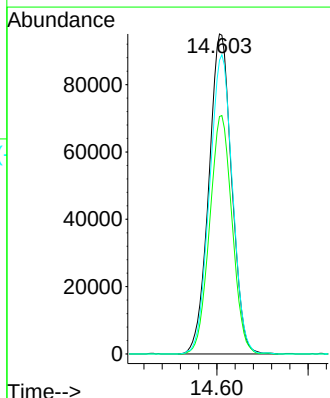
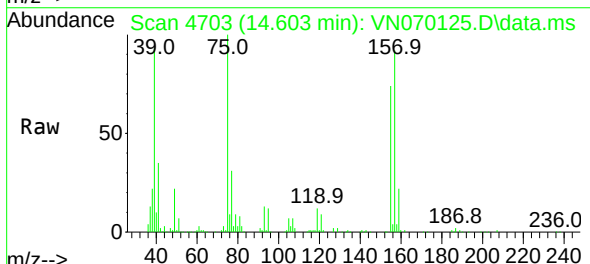
Manual Integrations
APPROVED

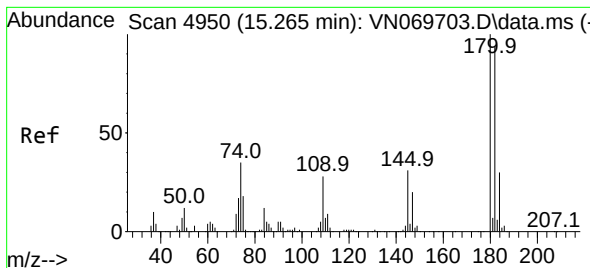
Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.635 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

Tgt Ion: 75 Resp: 165576
Ion Ratio Lower Upper
75 100
155 73.2 46.9 140.7
157 93.7 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 43.585 ug/l

RT: 15.265 min Scan# 4950

Delta R.T. 0.000 min

Lab File: VN070125.D

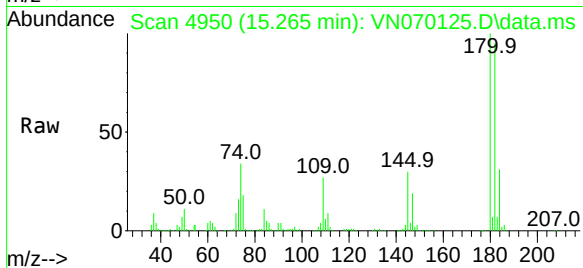
Acq: 15 Dec 2021 21:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



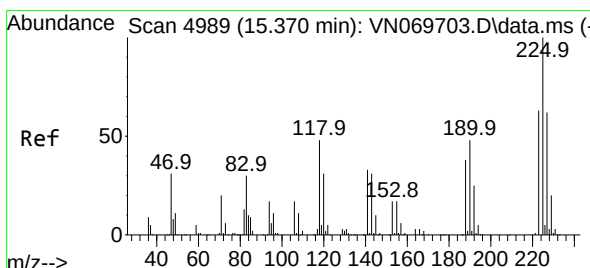
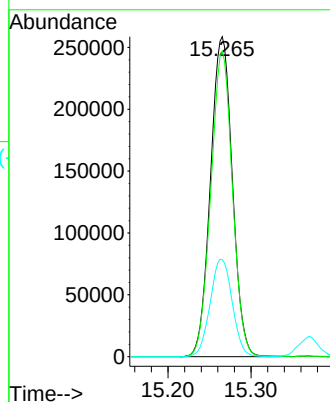
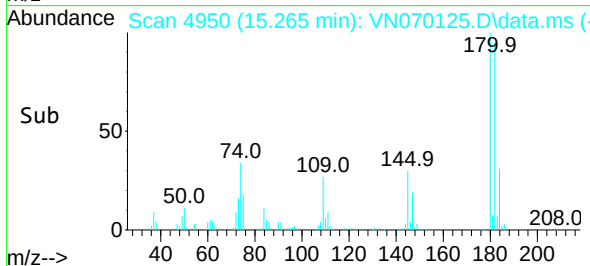
Tgt Ion:	180	Resp:	47284
Ion Ratio	Lower	Upper	
180	100		
182	94.2	48.3	144.9
145	30.8	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/16/2021

Supervised By :Amit Patel 12/16/2021



#94

Hexachlorobutadiene

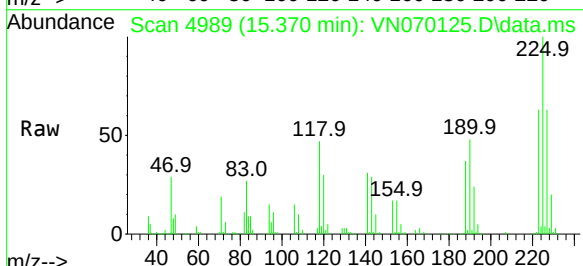
Concen: 49.113 ug/l

RT: 15.370 min Scan# 4989

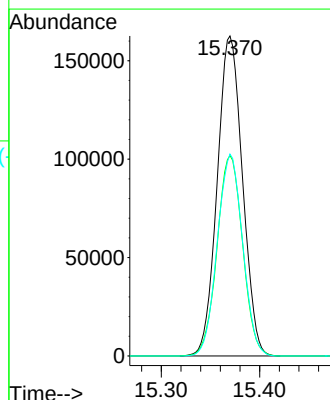
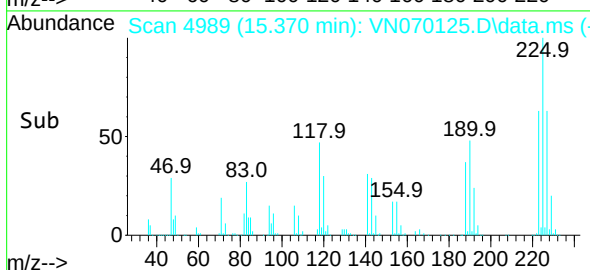
Delta R.T. 0.000 min

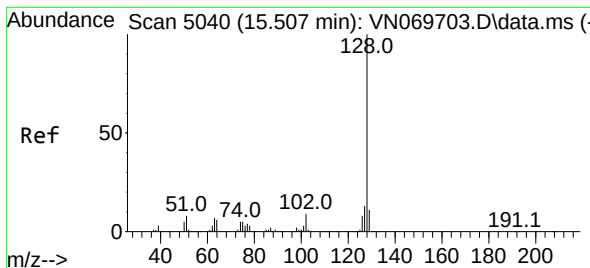
Lab File: VN070125.D

Acq: 15 Dec 2021 21:00



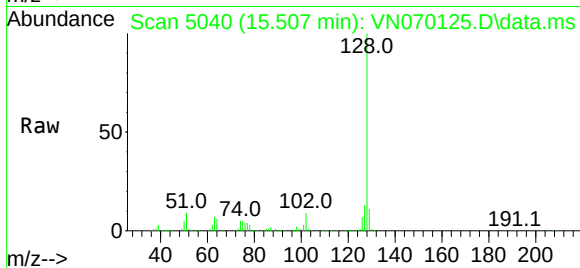
Tgt Ion:	225	Resp:	290522
Ion Ratio	Lower	Upper	
225	100		
223	63.1	31.9	95.7
227	63.3	32.1	96.3





#95
Naphthalene
Concen: 41.396 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00

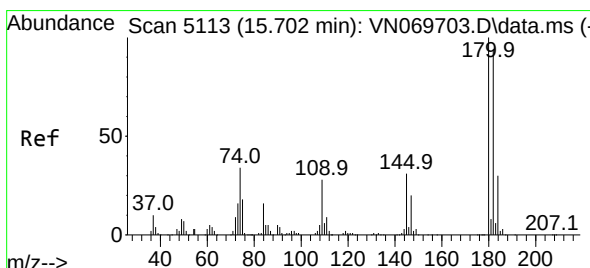
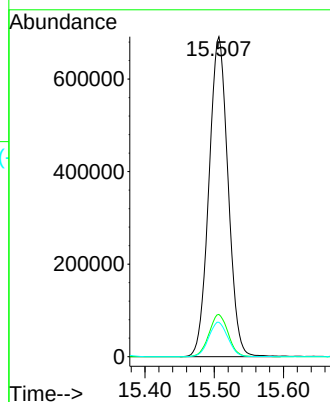
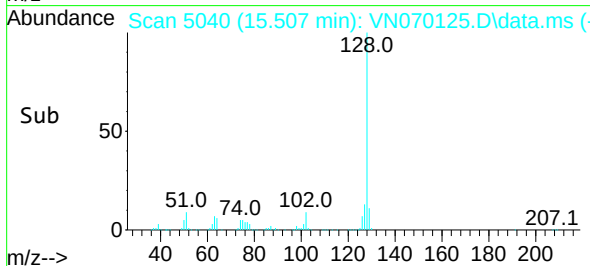
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



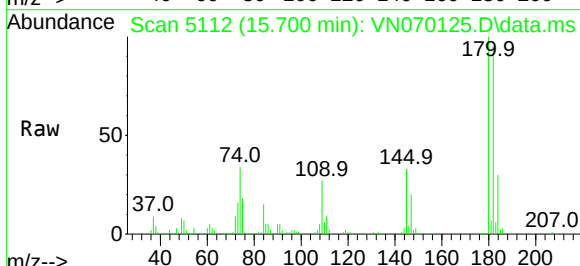
Tgt Ion:128 Resp: 132553
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/16/2021
Supervised By :Amit Patel 12/16/2021



#96
1,2,3-Trichlorobenzene
Concen: 44.395 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN070125.D
Acq: 15 Dec 2021 21:00



Tgt Ion:180 Resp: 470593
Ion Ratio Lower Upper
180 100
182 94.3 47.4 142.2
145 32.4 15.0 45.1

