

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069756.D
 Acq On : 4 Dec 2021 8:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Quant Time: Dec 04 09:52:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1061550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1794381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1661295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	715289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	826337	50.416	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.840%			
35) Dibromofluoromethane	8.021	113	573314	51.008	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.020%			
50) Toluene-d8	10.440	98	2257635	50.024	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.040%			
62) 4-Bromofluorobenzene	12.728	95	819410	50.117	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	665421	53.744	ug/l	100
3) Chloromethane	2.303	50	732002	47.191	ug/l	99
4) Vinyl Chloride	2.448	62	728302	51.063	ug/l	100
5) Bromomethane	2.850	94	274299	35.399	ug/l	99
6) Chloroethane	3.019	64	423398	48.443	ug/l	99
7) Trichlorofluoromethane	3.379	101	944014	50.430	ug/l	98
8) Diethyl Ether	3.824	74	373284	51.775	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.210	101	536908	51.167	ug/l	96
10) Methyl Iodide	4.422	142	493898	34.454	ug/l	98
11) Tert butyl alcohol	5.374	59	645648	208.396	ug/l	97
12) 1,1-Dichloroethene	4.181	96	528271	52.244	ug/l	90
13) Acrolein	4.041	56	425722	161.358	ug/l	98
14) Allyl chloride	4.840	41	1146995	50.340	ug/l	94
15) Acrylonitrile	5.554	53	1947716	233.302	ug/l	98
16) Acetone	4.285	43	1786303	181.175	ug/l	97
17) Carbon Disulfide	4.529	76	1457955	55.810	ug/l	100
18) Methyl Acetate	4.854	43	1367336	45.945	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	2031582	51.672	ug/l	95
20) Methylene Chloride	5.095	84	641628	48.953	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	561831	51.155	ug/l	85
22) Diisopropyl ether	6.495	45	2364130	53.084	ug/l	94
23) Vinyl Acetate	6.434	43	9737538	268.755	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	1206348	52.291	ug/l	99
25) 2-Butanone	7.335	43	2847962	212.594	ug/l	91
26) 2,2-Dichloropropane	7.327	77	766934	42.757	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	674669	50.844	ug/l	87
28) Bromochloromethane	7.657	49	590869	49.253	ug/l #	78
29) Tetrahydrofuran	7.683	42	1870169	229.905	ug/l	88
30) Chloroform	7.817	83	1187898	50.985	ug/l	100
31) Cyclohexane	8.094	56	1145219	50.208	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	1044878	52.649	ug/l	96
36) 1,1-Dichloropropene	8.222	75	878146	51.408	ug/l	96
37) Ethyl Acetate	7.412	43	1162031	45.705	ug/l	95
38) Carbon Tetrachloride	8.206	117	865724	51.682	ug/l	99
39) Methylcyclohexane	9.459	83	1048566	51.606	ug/l	90
40) Benzene	8.458	78	2643682	50.633	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	591415	49.553	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	1049340	49.785	ug/l	97
43) Isopropyl Acetate	8.560	43	1862114	49.493	ug/l #	94
44) Trichloroethene	9.215	130	649265	52.099	ug/l	90
45) 1,2-Dichloropropane	9.488	63	721049	51.426	ug/l	100
46) Dibromomethane	9.577	93	466329	50.713	ug/l	93
47) Bromodichloromethane	9.762	83	916711	52.653	ug/l	99
48) Methyl methacrylate	9.558	41	865301	49.282	ug/l	86
49) 1,4-Dioxane	9.569	88	249847	793.047	ug/l #	83
51) 4-Methyl-2-Pentanone	10.330	43	5901558	241.792	ug/l	95
52) Toluene	10.505	92	1639956	51.447	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	960735	46.104	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	1038932	47.377	ug/l #	88
55) 1,1,2-Trichloroethane	10.896	97	642576	49.961	ug/l	97
56) Ethyl methacrylate	10.760	69	1109436	45.911	ug/l #	84
57) 1,3-Dichloropropane	11.044	76	1146800	50.639	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	1448757	223.195	ug/l	91
59) 2-Hexanone	11.084	43	4230993	229.153	ug/l	93
60) Dibromochloromethane	11.237	129	661230	48.078	ug/l	99
61) 1,2-Dibromoethane	11.344	107	669703	50.272	ug/l	100
64) Tetrachloroethene	10.977	164	588827	52.272	ug/l	95
65) Chlorobenzene	11.768	112	1724895	51.180	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	626919	52.850	ug/l	100
67) Ethyl Benzene	11.843	91	3239121	52.909	ug/l	96
68) m/p-Xylenes	11.953	106	2362426	105.982	ug/l	92
69) o-Xylene	12.278	106	1182129	52.649	ug/l	91
70) Styrene	12.294	104	1934945	54.347	ug/l	95
71) Bromoform	12.457	173	468767	46.410	ug/l #	98
73) Isopropylbenzene	12.578	105	3135394	49.267	ug/l	98
74) N-amyl acetate	12.388	43	1420161	50.460	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	1026828	46.659	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	906590m	44.196	ug/l	
77) Bromobenzene	12.860	156	717803	48.019	ug/l	80
78) n-propylbenzene	12.919	91	3572096	50.440	ug/l	96
79) 2-Chlorotoluene	13.007	91	2185152	48.833	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2553236	49.845	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	188454	31.687	ug/l	93
82) 4-Chlorotoluene	13.104	91	2104619	50.012	ug/l	92
83) tert-Butylbenzene	13.321	119	2223224	49.016	ug/l	92
84) 1,2,4-Trimethylbenzene	13.366	105	2511121	51.475	ug/l	97
85) sec-Butylbenzene	13.501	105	3092623	50.268	ug/l	97
86) p-Isopropyltoluene	13.613	119	2470959	51.383	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	1218822	49.631	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1181483	48.956	ug/l	97
89) n-Butylbenzene	13.940	91	2011787	51.572	ug/l	98
90) Hexachloroethane	14.209	117	375268	44.447	ug/l	88
91) 1,2-Dichlorobenzene	13.986	146	1189337	49.705	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	189184	47.573	ug/l	77
93) 1,2,4-Trichlorobenzene	15.263	180	565969	48.329	ug/l	98
94) Hexachlorobutadiene	15.367	225	297940	46.983	ug/l	99
95) Naphthalene	15.504	128	1671669	47.995	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	561461	49.134	ug/l	98

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Response via : Initial Calibration

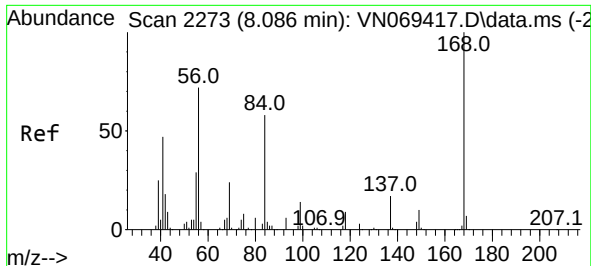
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

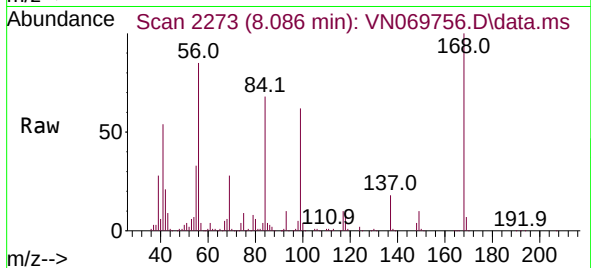
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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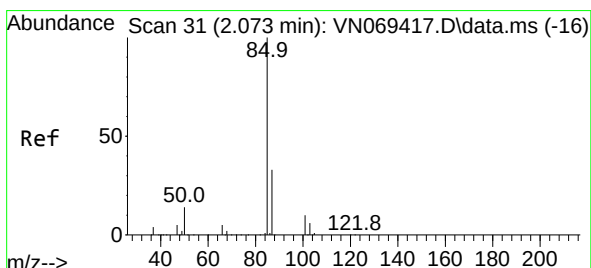
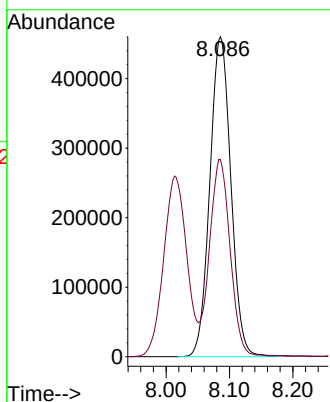
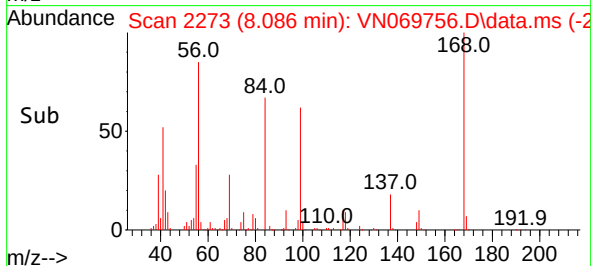
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Tgt Ion:168 Resp: 1061550
Ion Ratio Lower Upper
168 100
99 61.4 41.3 61.9

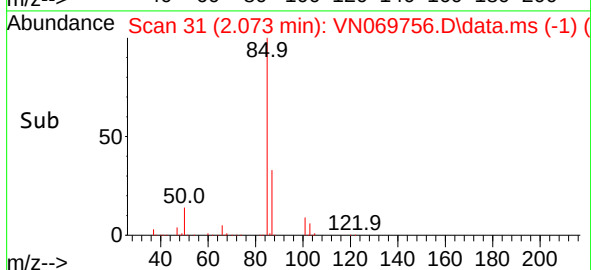
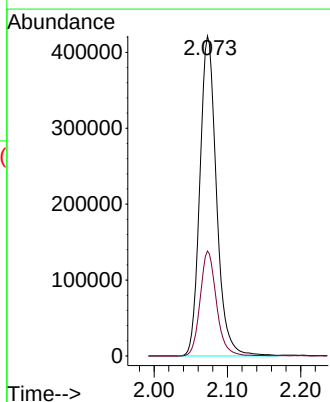
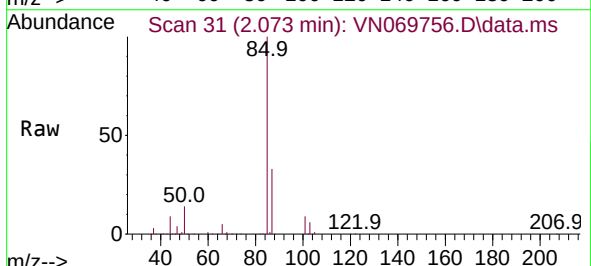
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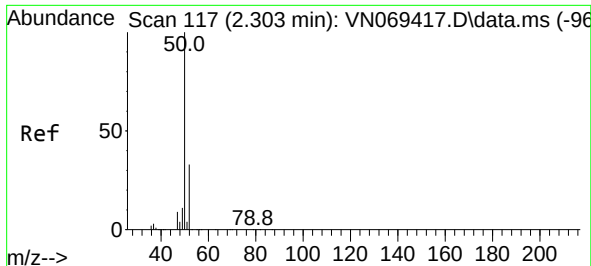
Reviewed By :John Carlone 12/04/2021
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#2
Dichlorodifluoromethane
Concen: 53.744 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

Tgt Ion: 85 Resp: 665421
Ion Ratio Lower Upper
85 100
87 32.8 16.3 48.9





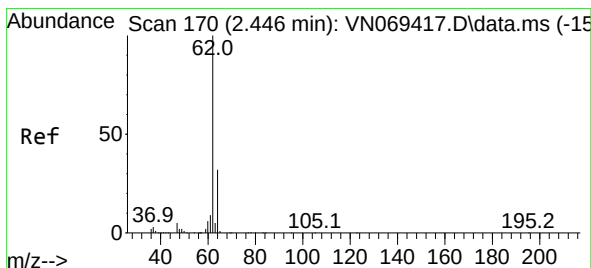
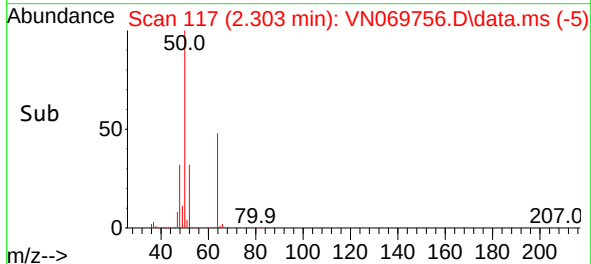
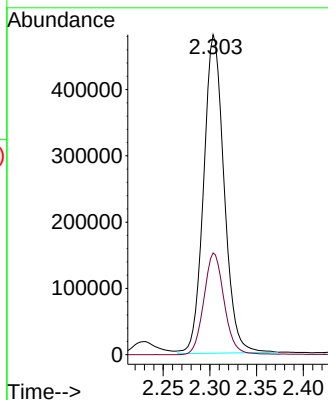
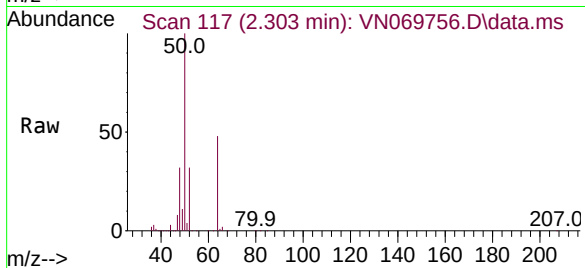
#3
Chloromethane
Concen: 47.191 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

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Tgt Ion: 50 Resp: 732002
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.0

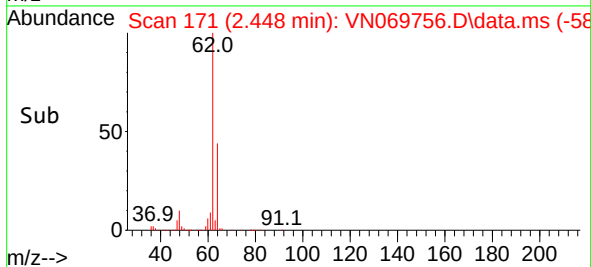
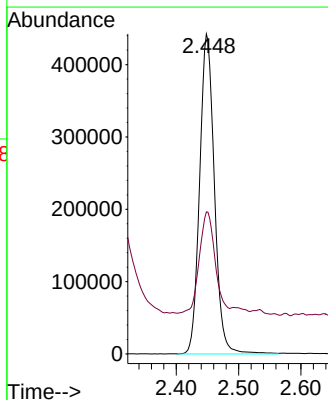
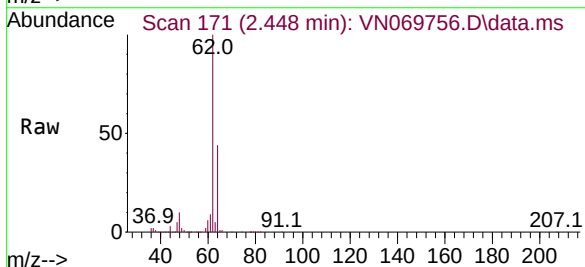
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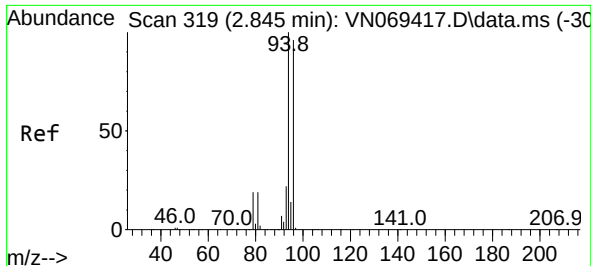
Reviewed By :John Carlone 12/04/2021
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#4
Vinyl Chloride
Concen: 51.063 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

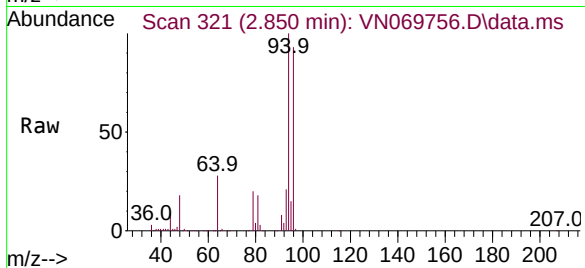
Tgt Ion: 62 Resp: 728302
Ion Ratio Lower Upper
62 100
64 32.2 25.8 38.6





#5
Bromomethane
Concen: 35.399 ug/l
RT: 2.850 min Scan# 319
Delta R.T. 0.014 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

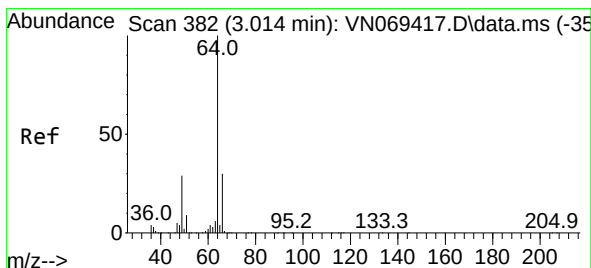
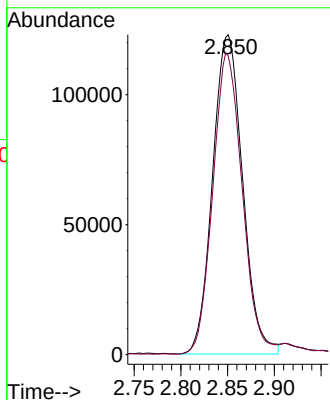
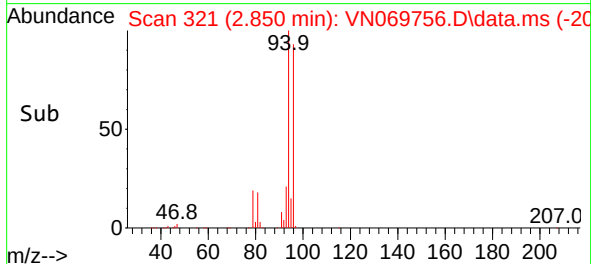
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Tgt Ion: 94 Resp: 274299
Ion Ratio Lower Upper
94 100
96 93.5 73.8 110.8

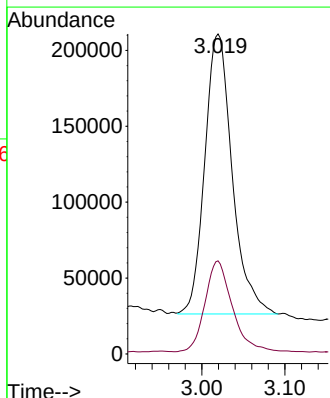
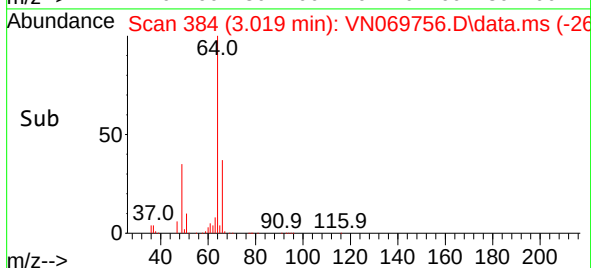
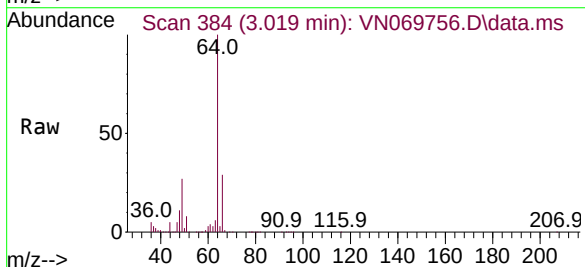
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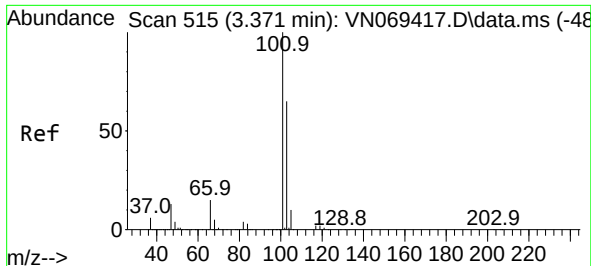
Reviewed By :John Carlone 12/04/2021
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#6
Chloroethane
Concen: 48.443 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.011 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

Tgt Ion: 64 Resp: 423398
Ion Ratio Lower Upper
64 100
66 32.4 26.3 39.5





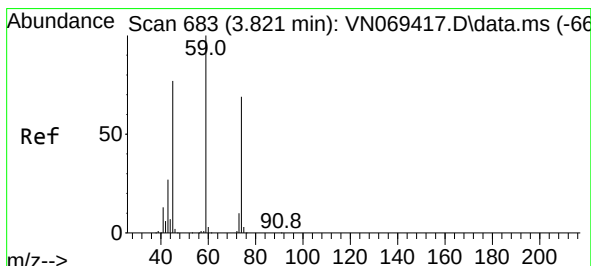
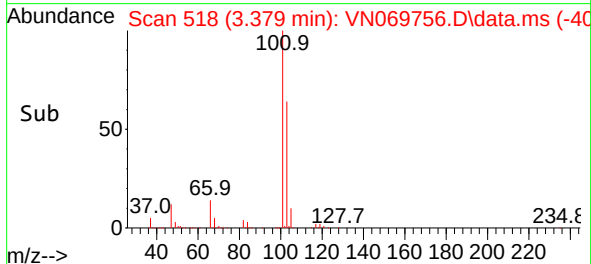
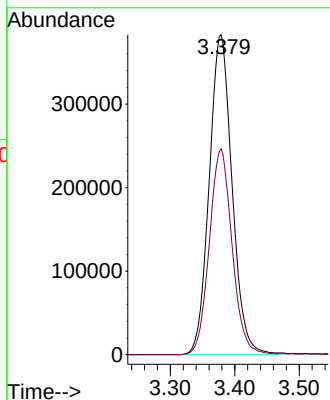
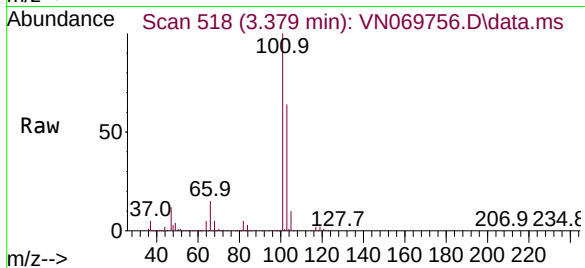
#7
Trichlorofluoromethane
Concen: 50.430 ug/l
RT: 3.379 min Scan# 515
Delta R.T. 0.011 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 944014
Ion Ratio Lower Upper
101 100
103 64.3 50.1 75.1

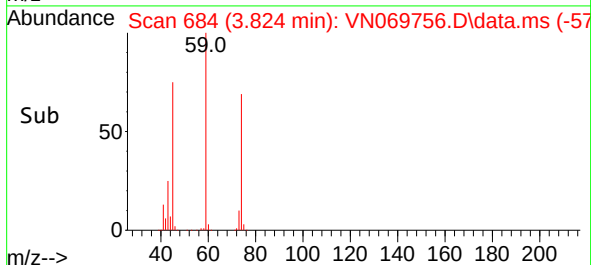
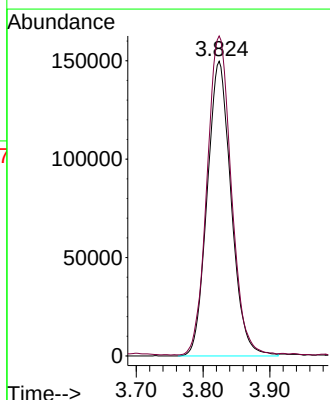
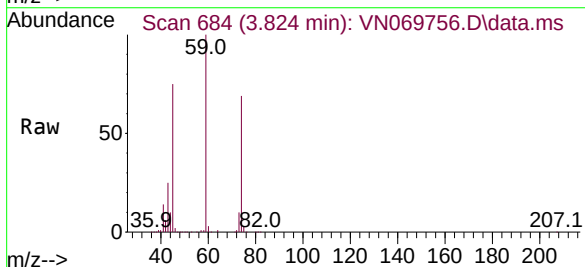
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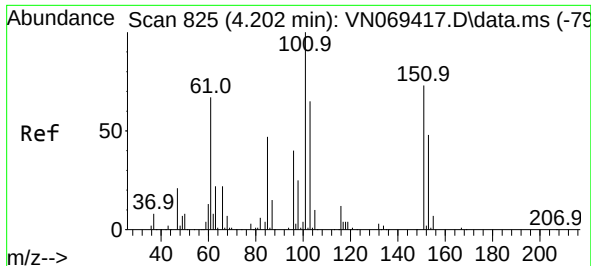
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#8
Diethyl Ether
Concen: 51.775 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN069756.D
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Tgt Ion: 74 Resp: 373284
Ion Ratio Lower Upper
74 100
45 109.5 47.0 141.2





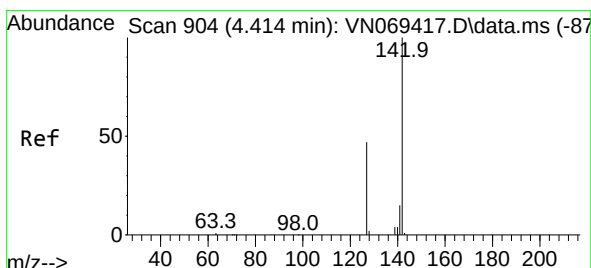
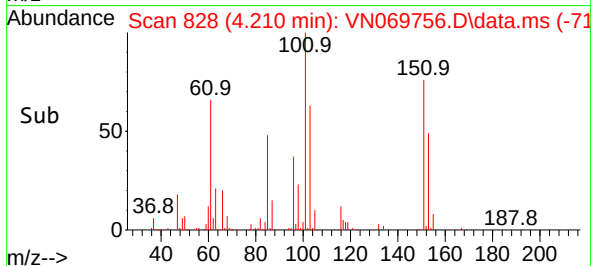
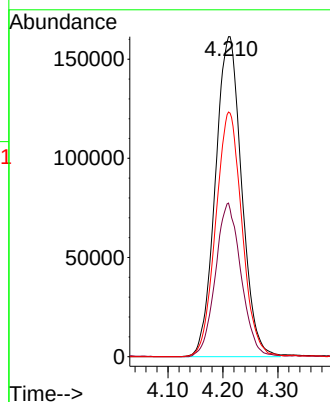
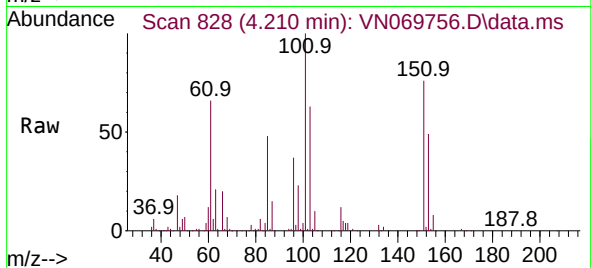
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.167 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.008 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 536908
Ion Ratio Lower Upper
101 100
85 46.7 37.2 55.8
151 76.3 65.9 98.9

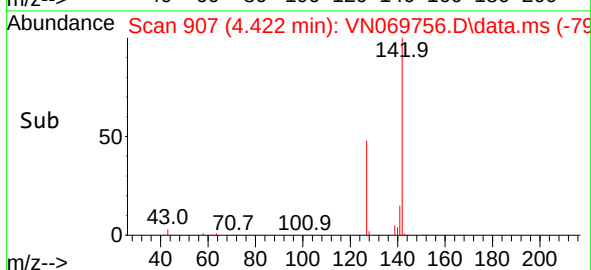
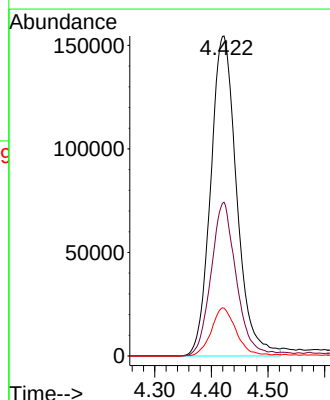
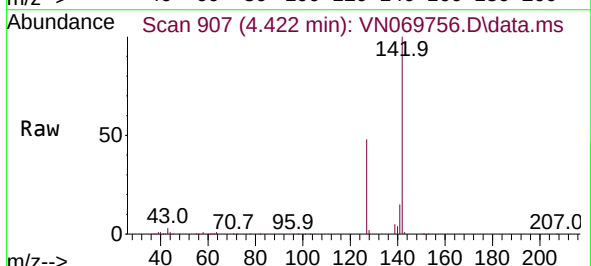
Manual Integrations
APPROVED

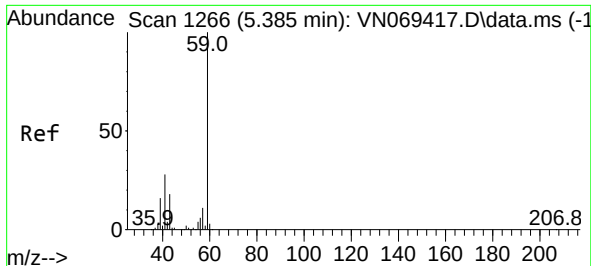
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#10
Methyl Iodide
Concen: 34.454 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.008 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

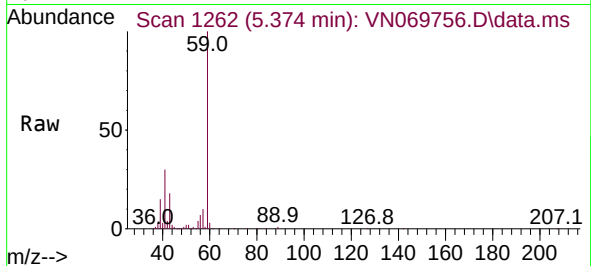
Tgt Ion:142 Resp: 493898
Ion Ratio Lower Upper
142 100
127 46.2 35.4 53.0
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 208.396 ug/l
RT: 5.374 min Scan# 11
Delta R.T. -0.016 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

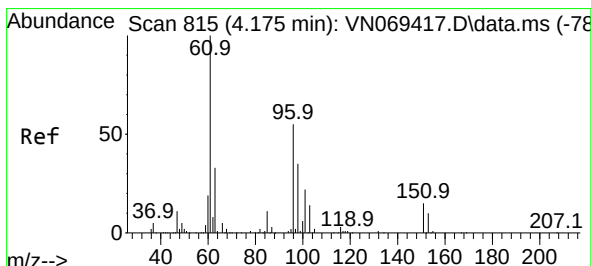
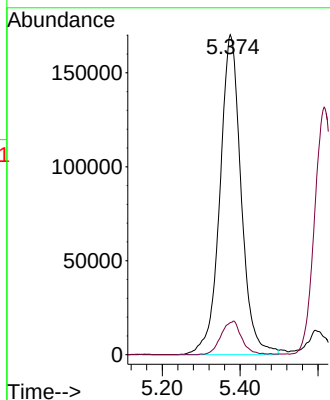
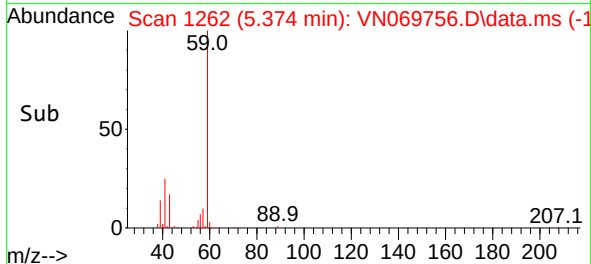
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 645648
Ion Ratio Lower Upper
59 100
57 9.7 8.7 13.1

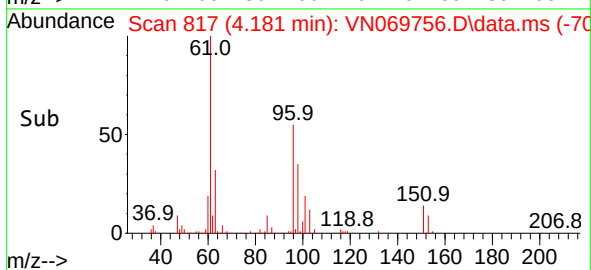
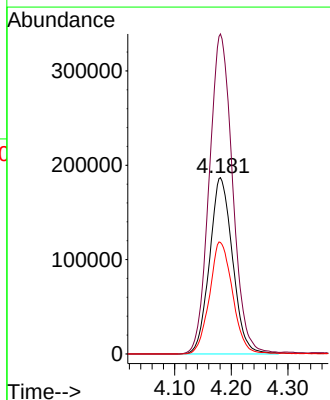
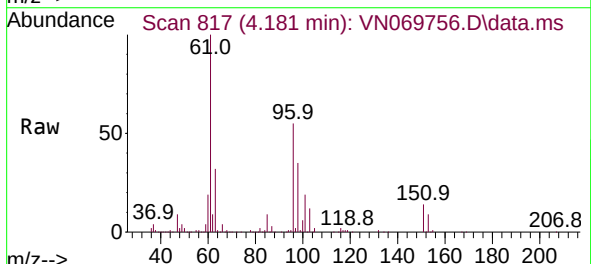
Manual Integrations
APPROVED

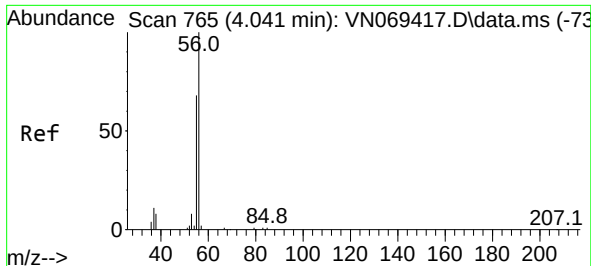
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#12
1,1-Dichloroethene
Concen: 52.244 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.005 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

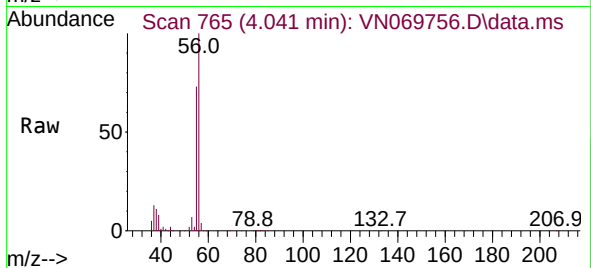
Tgt Ion: 96 Resp: 528271
Ion Ratio Lower Upper
96 100
61 181.5 131.0 196.6
98 63.3 52.4 78.6





#13
Acrolein
Concen: 161.358 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

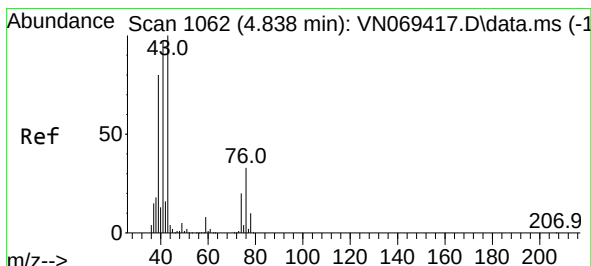
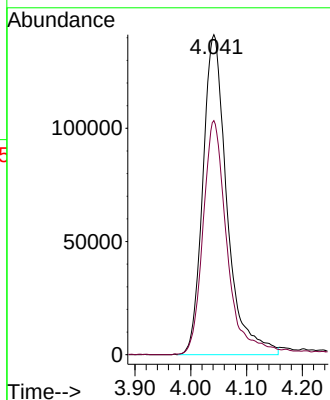
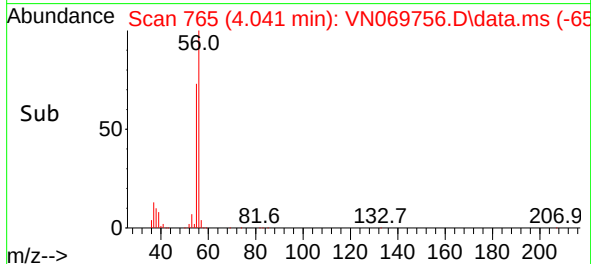
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



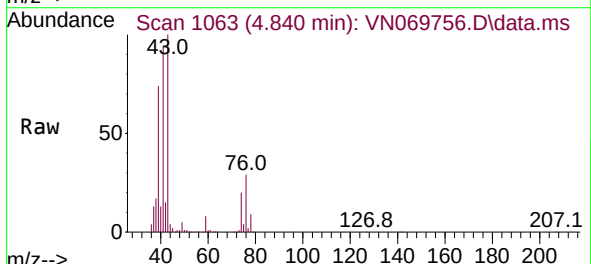
Tgt Ion: 56 Resp: 42572
Ion Ratio Lower Upper
56 100
55 72.8 56.6 85.0

Manual Integrations
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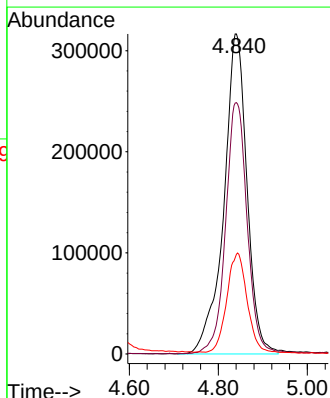
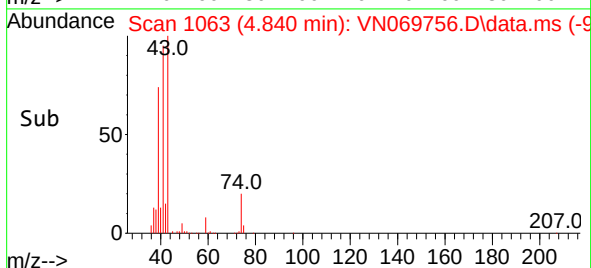
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

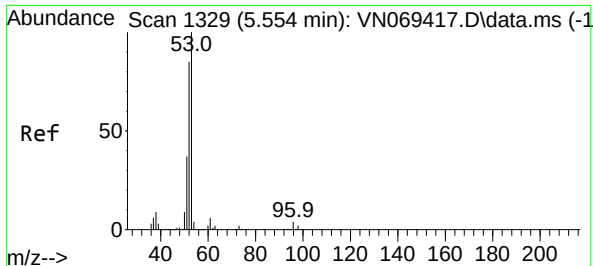


#14
Allyl chloride
Concen: 50.340 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11



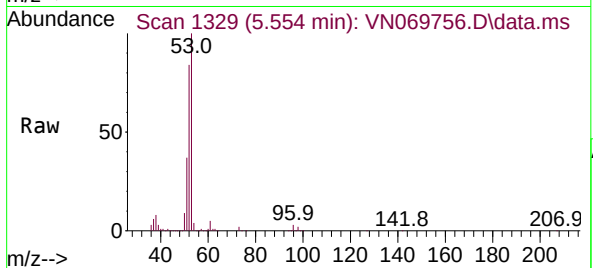
Tgt Ion: 41 Resp: 1146995
Ion Ratio Lower Upper
41 100
39 72.9 61.2 91.8
76 26.9 26.0 39.0





#15
Acrylonitrile
Concen: 233.302 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

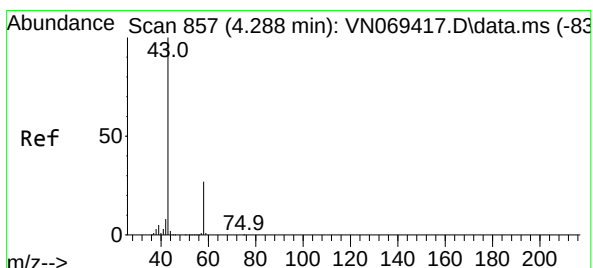
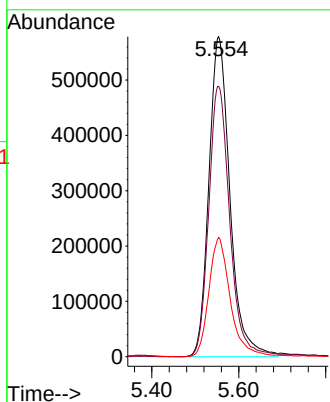
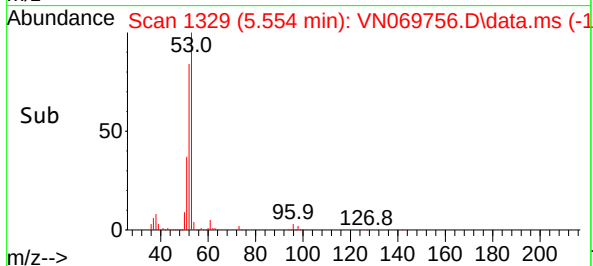
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 1947710
Ion Ratio Lower Upper
53 100
52 84.4 66.2 99.2
51 37.7 29.6 44.4

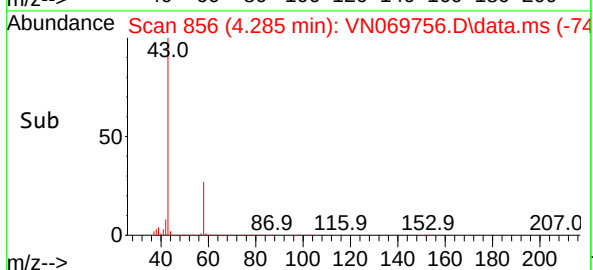
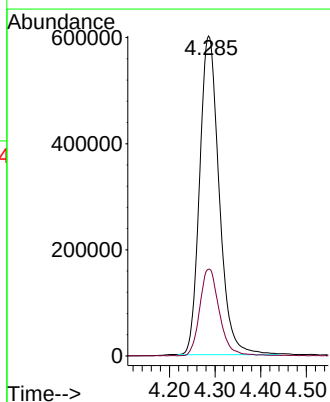
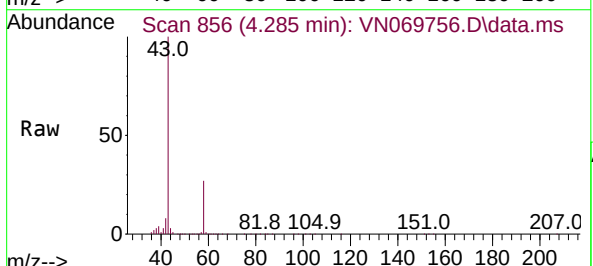
Manual Integrations
APPROVED

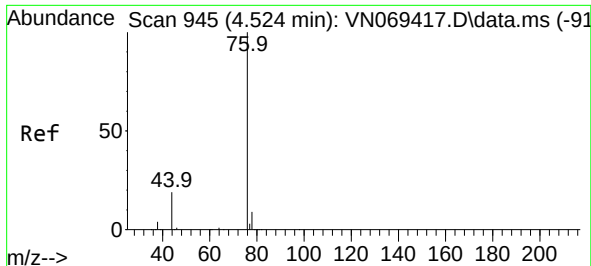
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#16
Acetone
Concen: 181.175 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.006 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

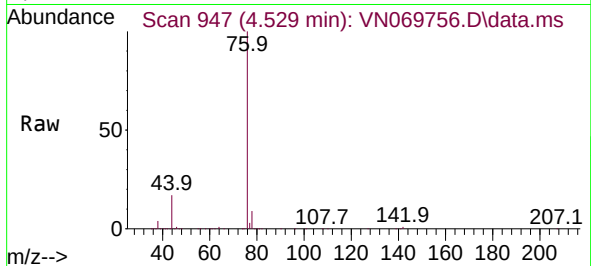
Tgt Ion: 43 Resp: 1786303
Ion Ratio Lower Upper
43 100
58 27.2 23.1 34.7





#17
Carbon Disulfide
Concen: 55.810 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

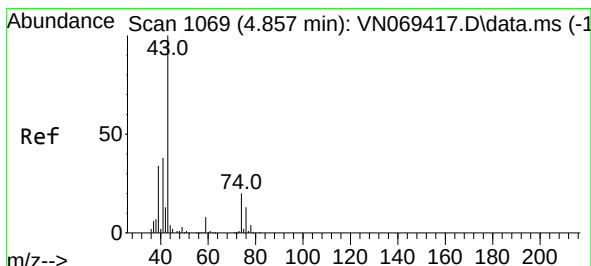
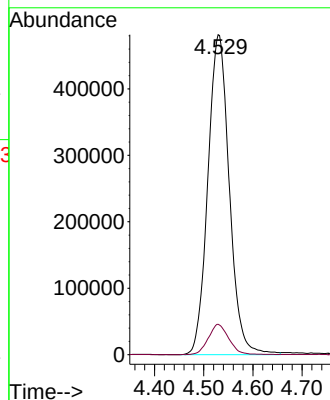
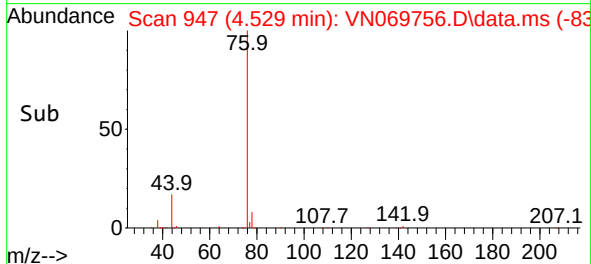
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



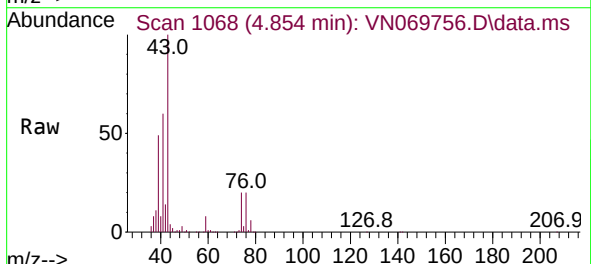
Tgt Ion: 76 Resp: 145795
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3

Manual Integrations
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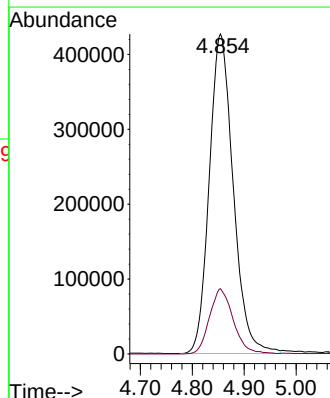
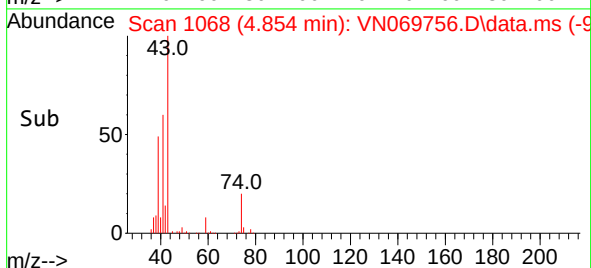
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

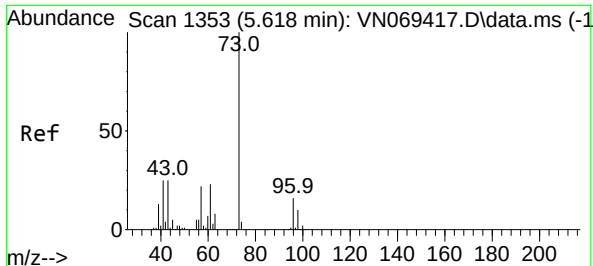


#18
Methyl Acetate
Concen: 45.945 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11



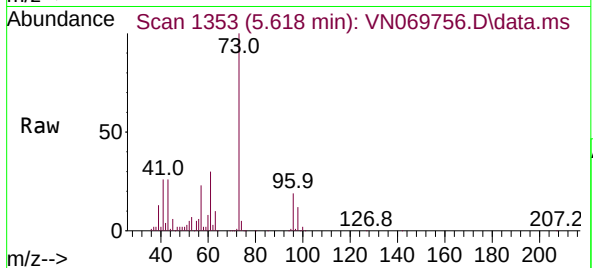
Tgt Ion: 43 Resp: 1367336
Ion Ratio Lower Upper
43 100
74 20.3 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 51.672 ug/l
RT: 5.618 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

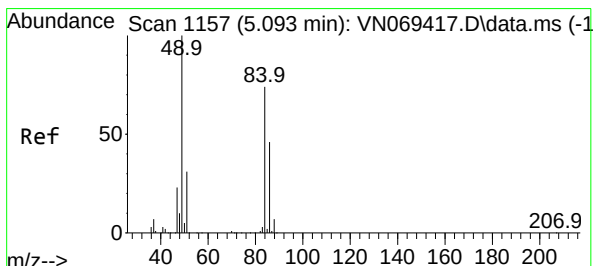
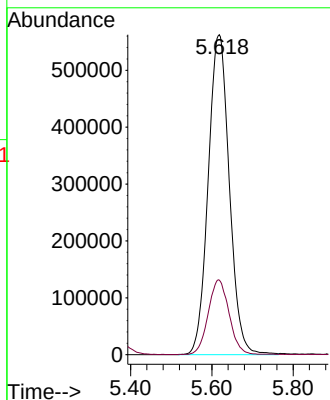
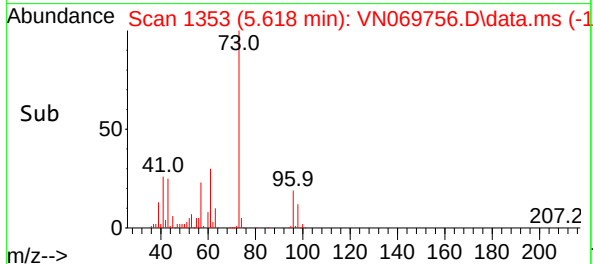
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



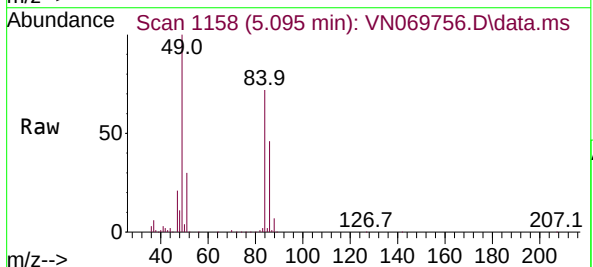
Tgt Ion: 73 Resp: 203158
Ion Ratio Lower Upper
73 100
57 23.2 16.8 25.2

Manual Integrations
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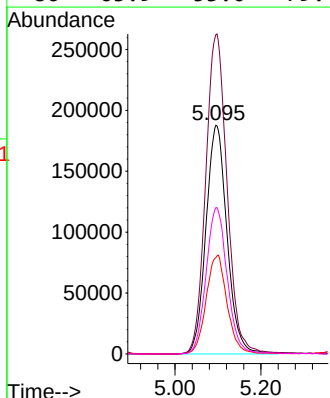
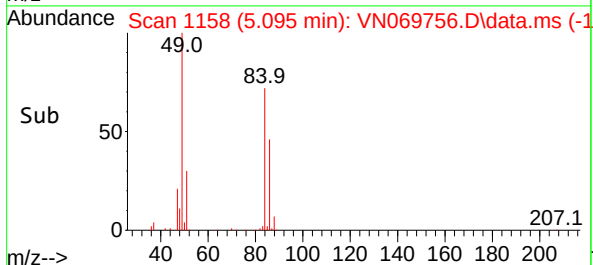
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

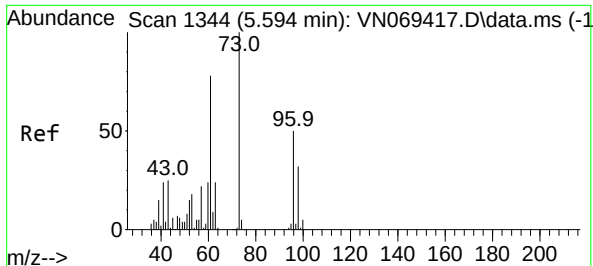


#20
Methylene Chloride
Concen: 48.953 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11



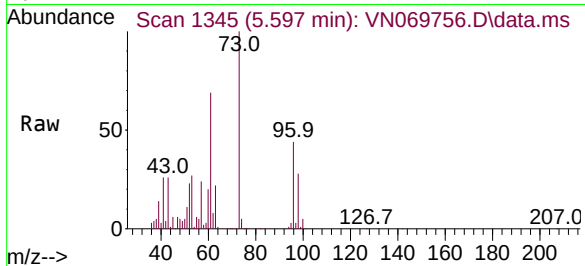
Tgt Ion: 84 Resp: 641628
Ion Ratio Lower Upper
84 100
49 139.6 93.5 140.3
51 42.2 29.4 44.2
86 63.9 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 51.155 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

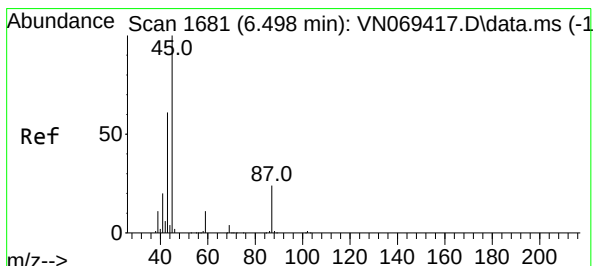
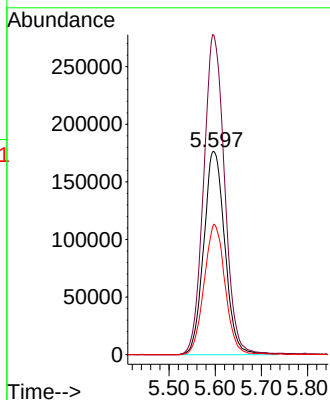
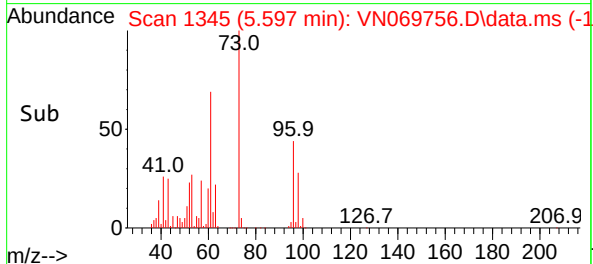
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 56183
Ion Ratio Lower Upper
96 100
61 157.1 105.8 158.6
98 64.2 52.0 78.0

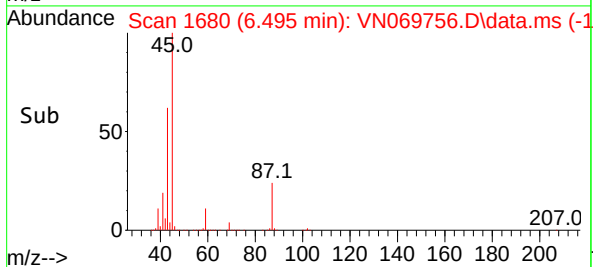
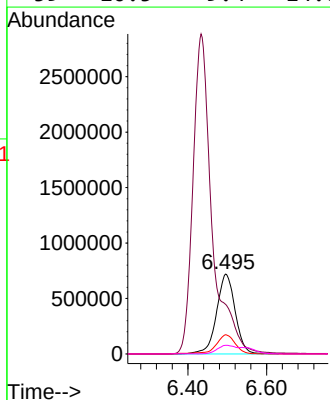
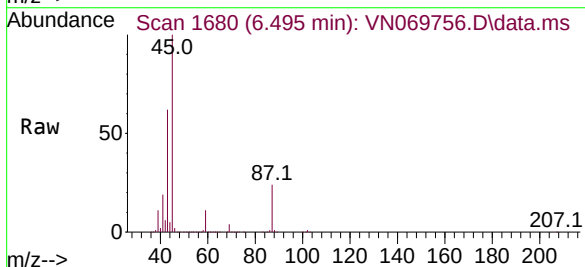
Manual Integrations
APPROVED

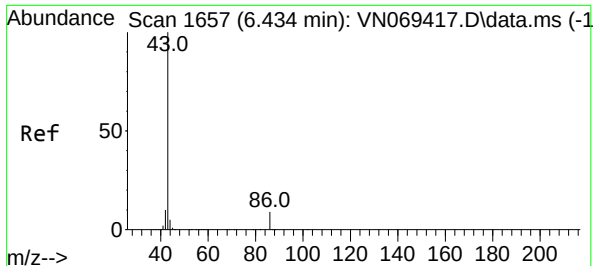
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#22
Diisopropyl ether
Concen: 53.084 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

Tgt Ion: 45 Resp: 2364130
Ion Ratio Lower Upper
45 100
43 61.1 51.7 77.5
87 23.9 23.2 34.8
59 10.5 9.4 14.0





#23

Vinyl Acetate

Concen: 268.755 ug/l

RT: 6.434 min Scan# 1657

Delta R.T. -0.003 min

Lab File: VN069756.D

Acq: 4 Dec 2021 8:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 9737538

Ion Ratio Lower Upper

43 100

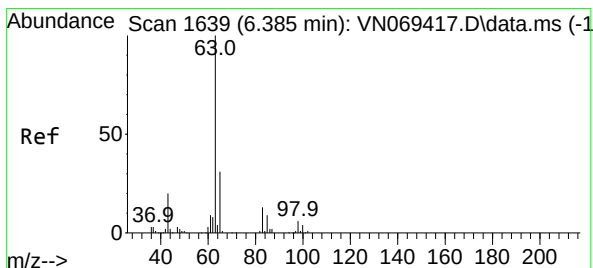
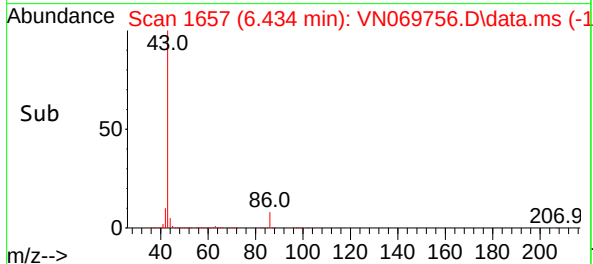
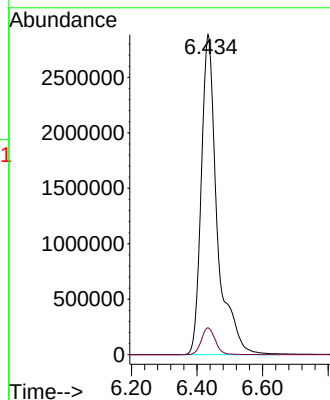
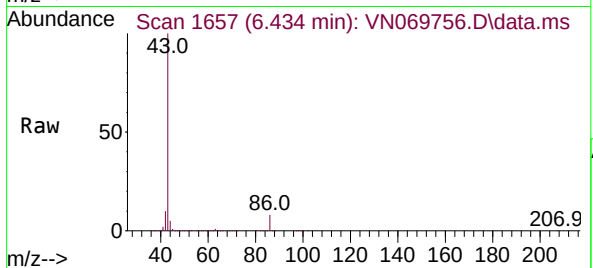
86 8.4 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#24

1,1-Dichloroethane

Concen: 52.291 ug/l

RT: 6.388 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VN069756.D

Acq: 4 Dec 2021 8:11

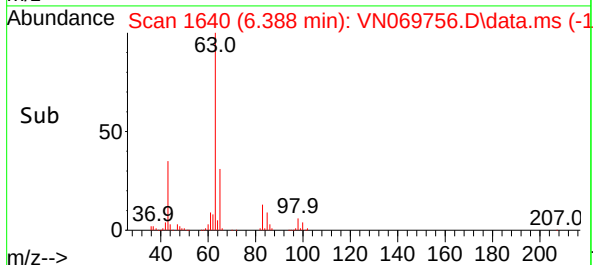
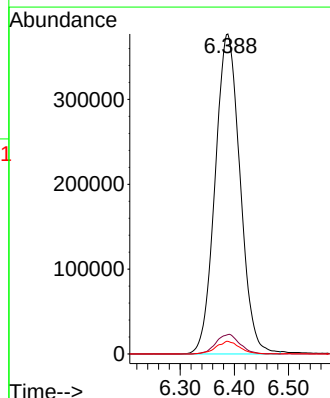
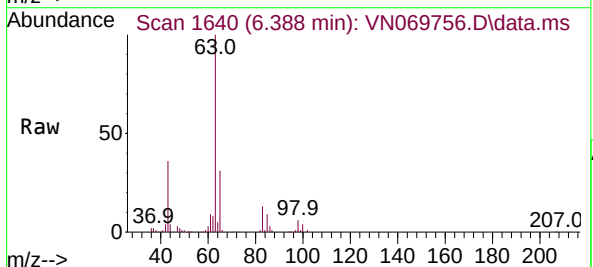
Tgt Ion: 63 Resp: 1206348

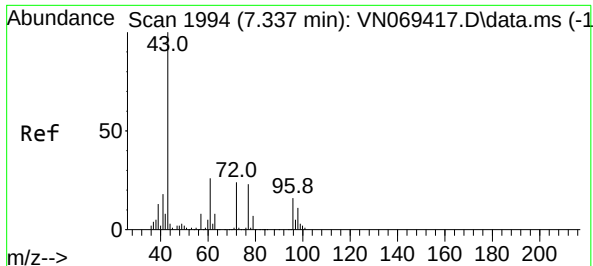
Ion Ratio Lower Upper

63 100

98 6.1 3.3 9.9

100 4.0 2.1 6.5





#25

2-Butanone

Concen: 212.594 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. -0.003 min

Lab File: VN069756.D

Acq: 4 Dec 2021 8:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 284796

Ion Ratio Lower Upper

43 100

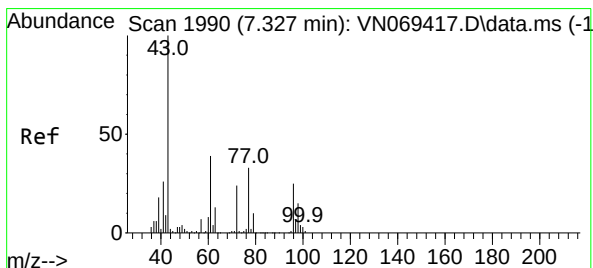
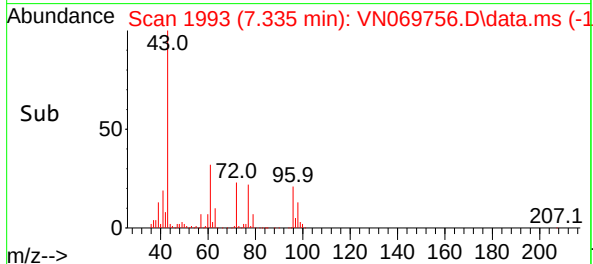
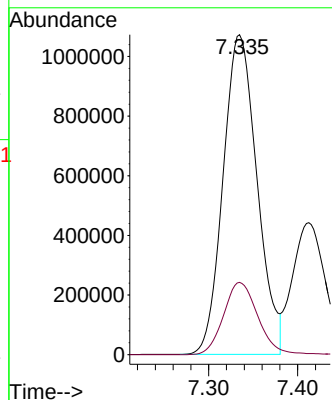
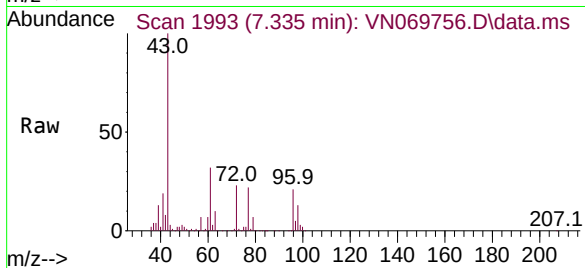
72 22.6 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#26

2,2-Dichloropropane

Concen: 42.757 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN069756.D

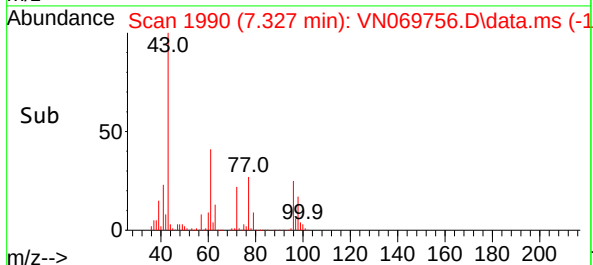
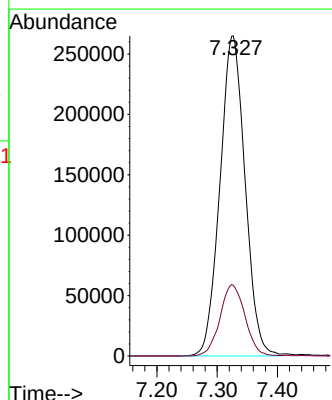
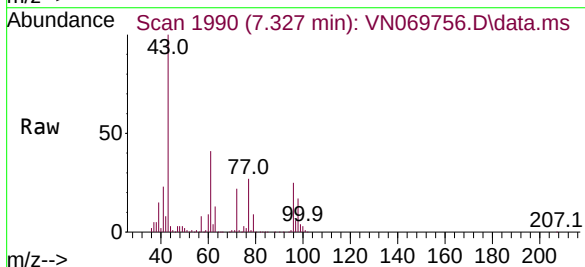
Acq: 4 Dec 2021 8:11

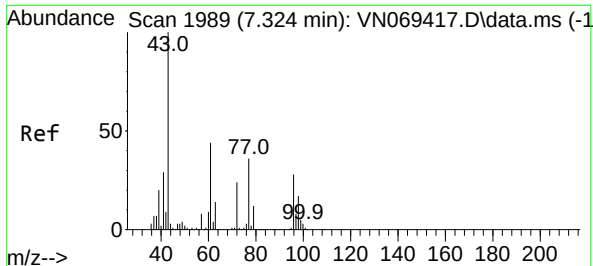
Tgt Ion: 77 Resp: 766934

Ion Ratio Lower Upper

77 100

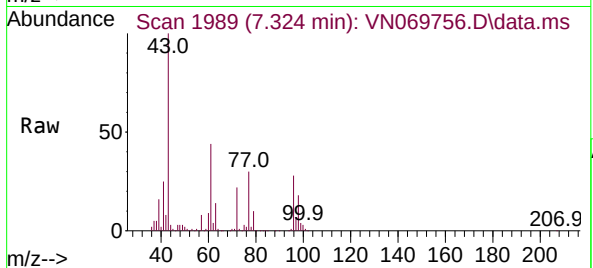
97 22.2 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 50.844 ug/l
 RT: 7.324 min Scan# 1989
 Delta R.T. -0.003 min
 Lab File: VN069756.D
 Acq: 4 Dec 2021 8:11

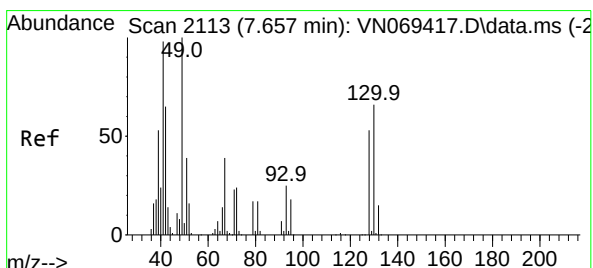
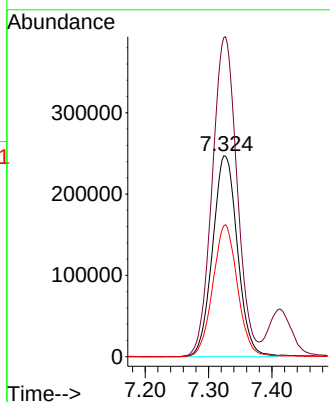
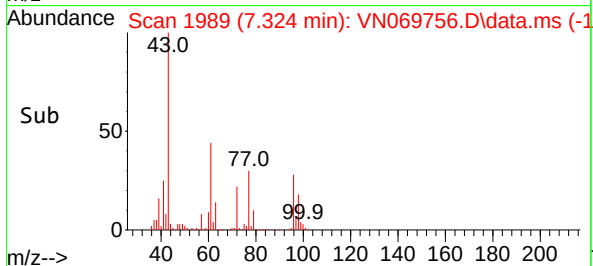
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 674669
 Ion Ratio Lower Upper
 96 100
 61 159.5 0.0 275.0
 98 65.1 0.0 129.6

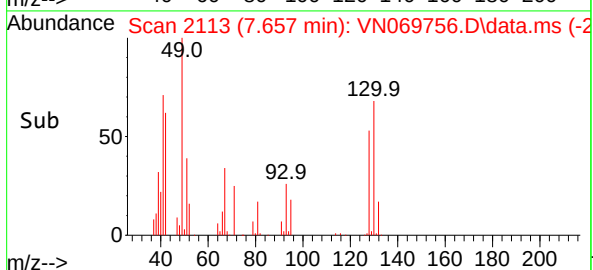
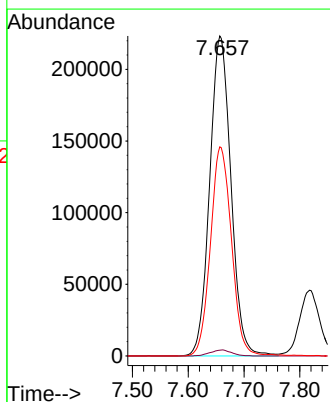
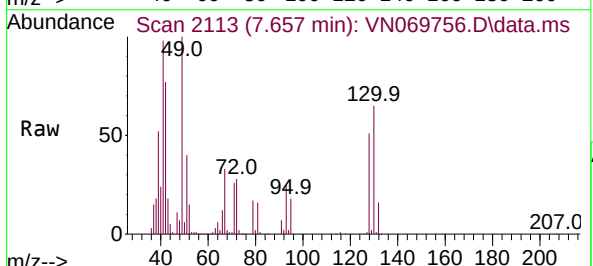
Manual Integrations
 APPROVED

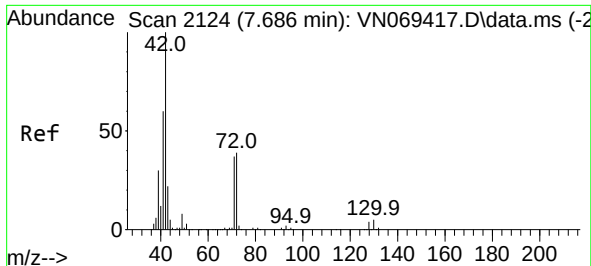
Reviewed By :John Carlone 12/04/2021
 Supervised By :Mahesh Dadoda 12/06/2021



#28
 Bromochloromethane
 Concen: 49.253 ug/l
 RT: 7.657 min Scan# 2113
 Delta R.T. 0.000 min
 Lab File: VN069756.D
 Acq: 4 Dec 2021 8:11

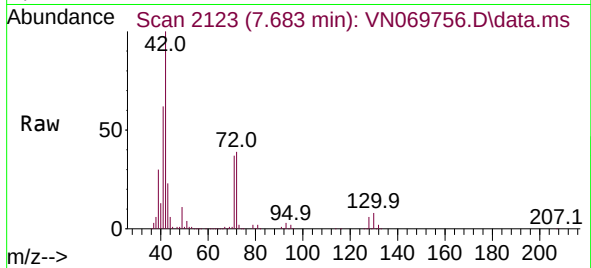
Tgt Ion: 49 Resp: 590869
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 64.6 67.8 101.8#





#29
Tetrahydrofuran
Concen: 229.905 ug/l
RT: 7.683 min Scan# 2123
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

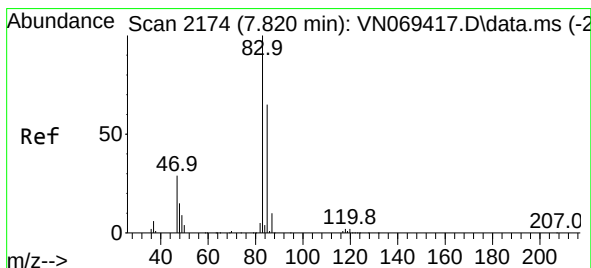
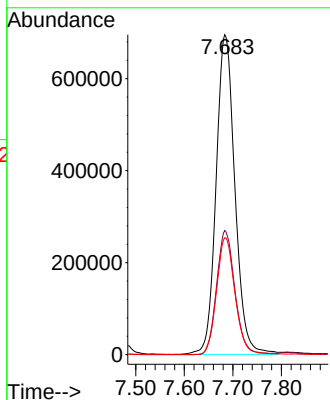
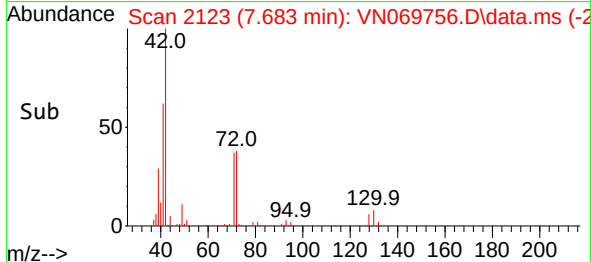
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



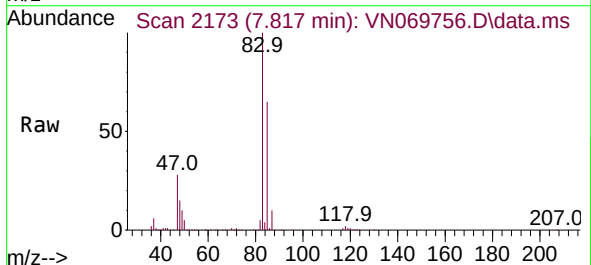
Tgt Ion: 42 Resp: 1870169
Ion Ratio Lower Upper
42 100
72 37.7 36.3 54.5
71 35.6 34.7 52.1

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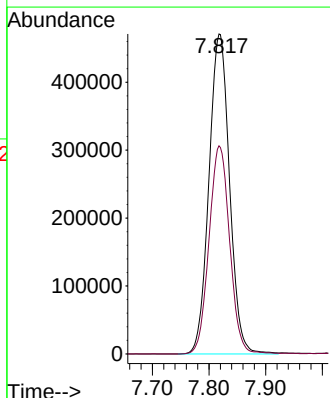
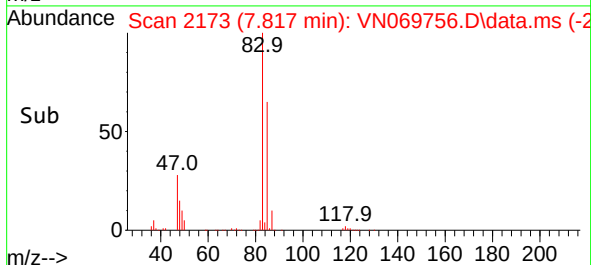
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

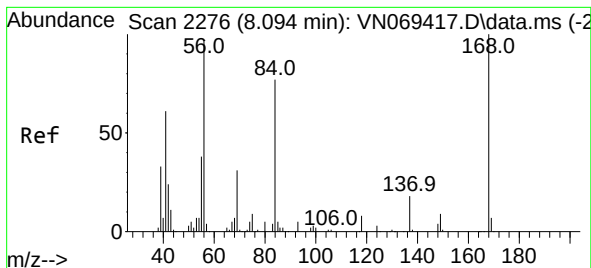


#30
Chloroform
Concen: 50.985 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11



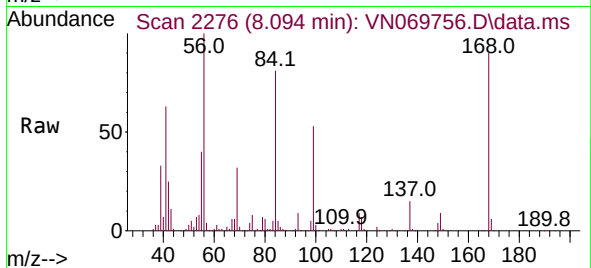
Tgt Ion: 83 Resp: 1187898
Ion Ratio Lower Upper
83 100
85 65.0 51.9 77.9





#31
Cyclohexane
Concen: 50.208 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

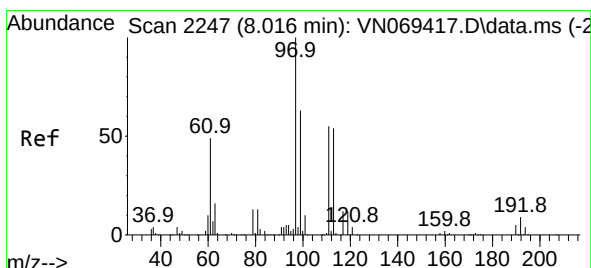
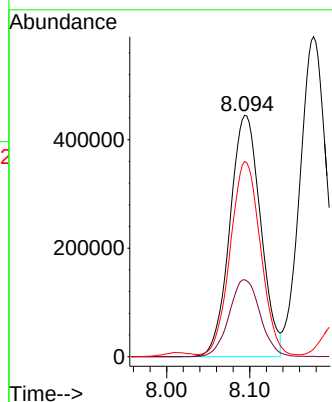
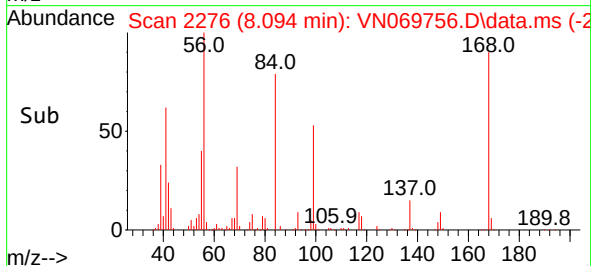
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



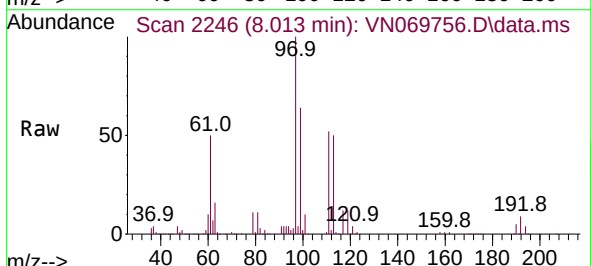
Tgt Ion: 56 Resp: 1145219
Ion Ratio Lower Upper
56 100
69 31.9 27.1 40.7
84 79.3 73.4 110.0

Manual Integrations
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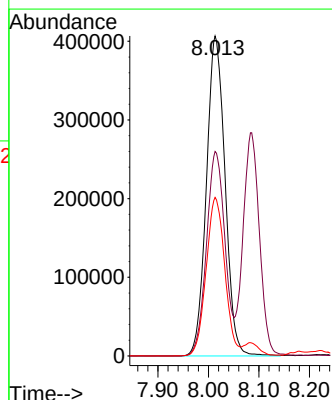
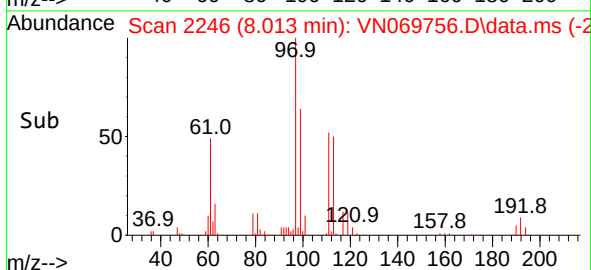
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

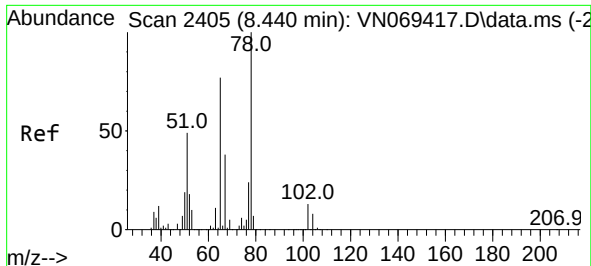


#32
1,1,1-Trichloroethane
Concen: 52.649 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11



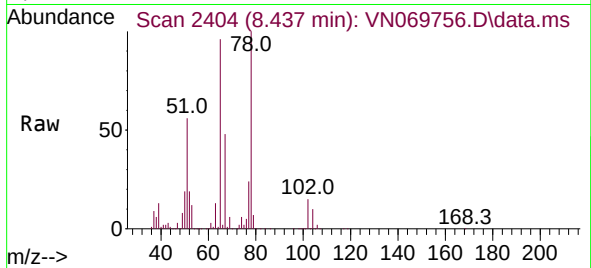
Tgt Ion: 97 Resp: 1044878
Ion Ratio Lower Upper
97 100
99 63.2 50.1 75.1
61 49.6 35.2 52.8





#33
 1,2-Dichloroethane-d4
 Concen: 50.416 ug/l
 RT: 8.437 min Scan# 2405
 Delta R.T. 0.000 min
 Lab File: VN069756.D
 Acq: 4 Dec 2021 8:11

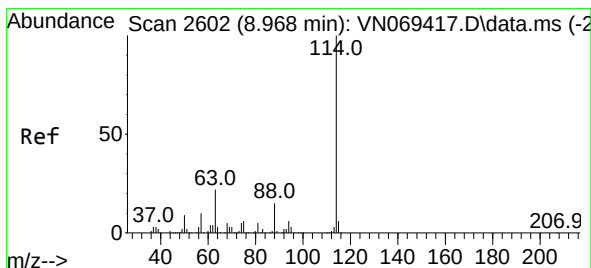
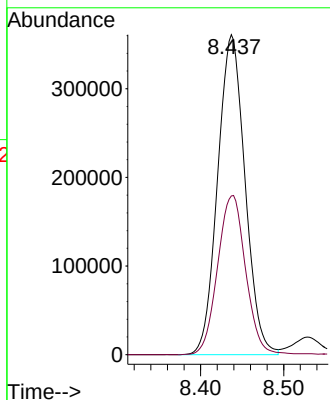
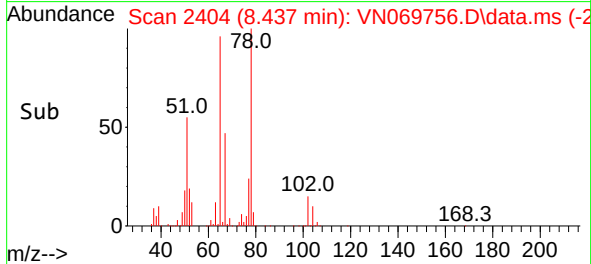
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 65 Resp: 82633
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.0

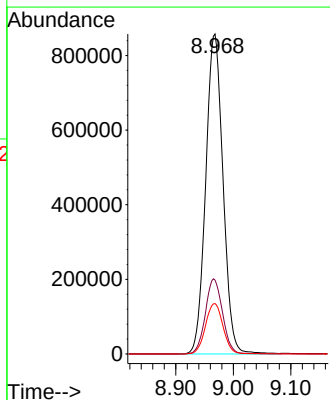
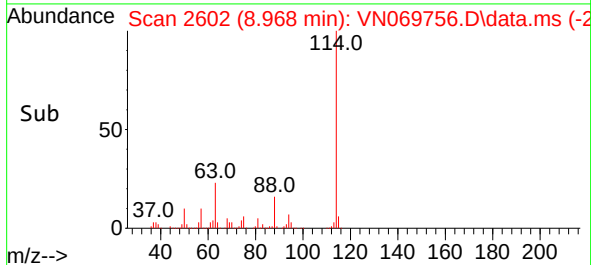
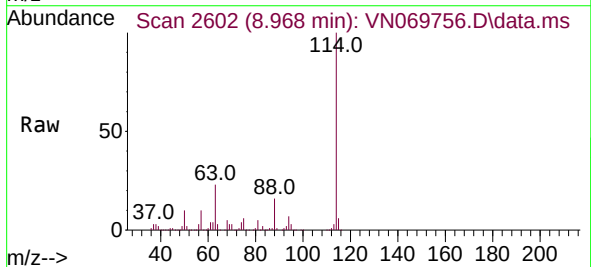
Manual Integrations
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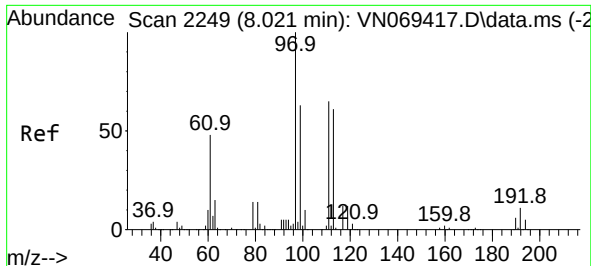
Reviewed By :John Carlone 12/04/2021
 Supervised By :Mahesh Dadoda 12/06/2021



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. 0.000 min
 Lab File: VN069756.D
 Acq: 4 Dec 2021 8:11

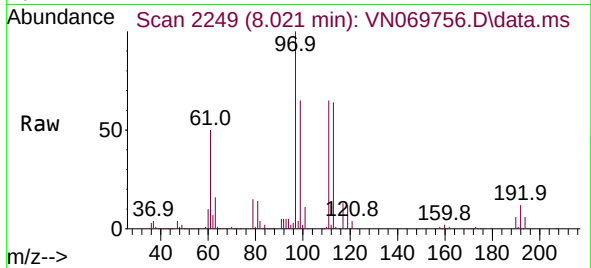
Tgt Ion:114 Resp: 1794381
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 37.8
 88 15.7 0.0 27.4





#35
Dibromofluoromethane
Concen: 51.008 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

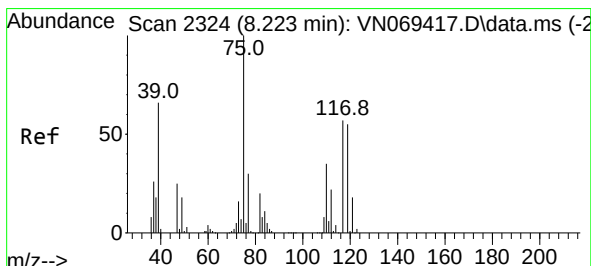
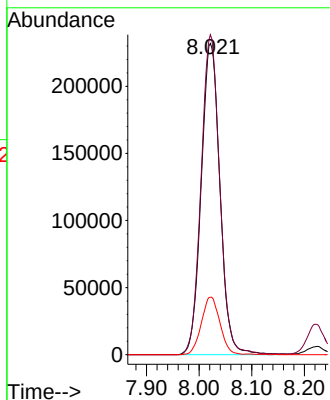
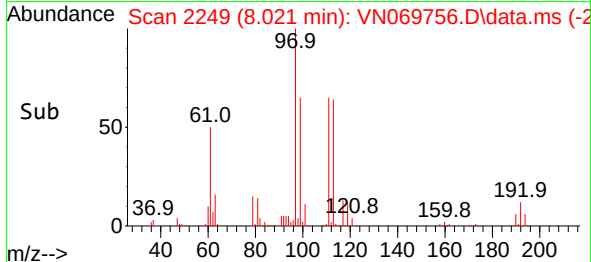
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 573314
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 18.3 16.9 25.3

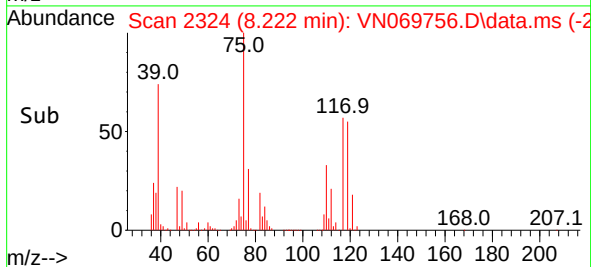
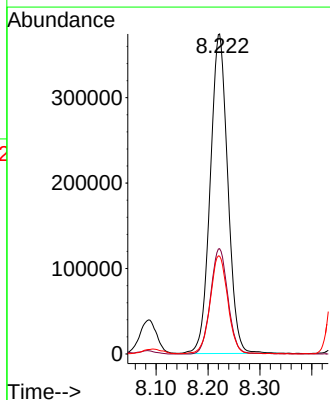
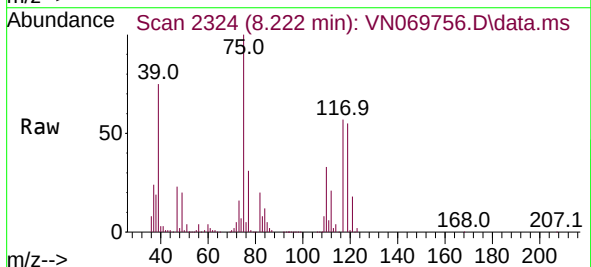
Manual Integrations
APPROVED

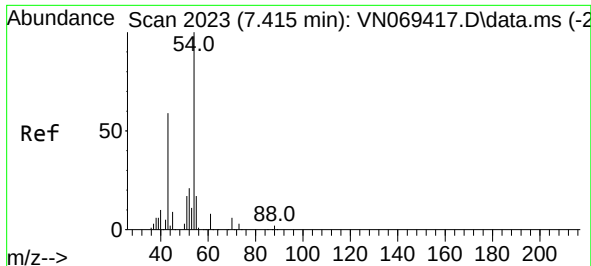
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#36
1,1-Dichloropropene
Concen: 51.408 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

Tgt Ion: 75 Resp: 878146
Ion Ratio Lower Upper
75 100
110 32.6 18.4 55.2
77 30.5 24.4 36.6





#37

Ethyl Acetate

Concen: 45.705 ug/l

RT: 7.412 min Scan# 20

Delta R.T. -0.003 min

Lab File: VN069756.D

Acq: 4 Dec 2021 8:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 116203

Ion Ratio Lower Upper

43 100

61 12.4 11.5 17.3

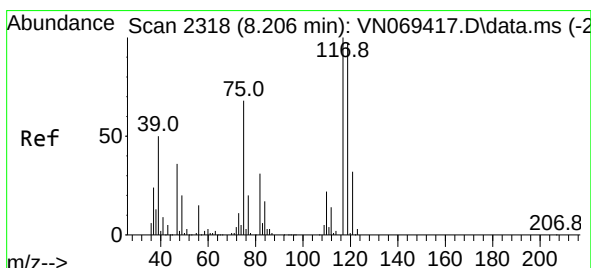
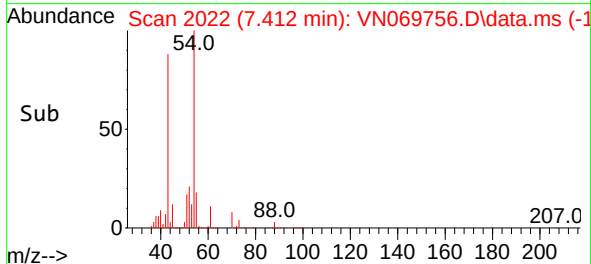
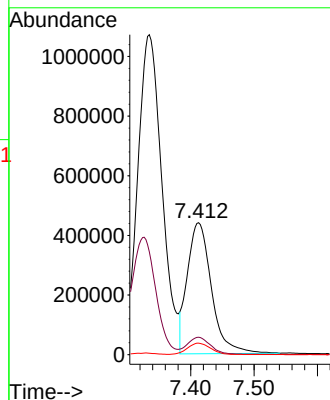
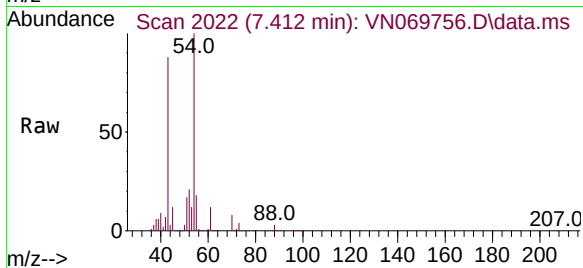
70 8.0 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#38

Carbon Tetrachloride

Concen: 51.682 ug/l

RT: 8.206 min Scan# 2318

Delta R.T. 0.000 min

Lab File: VN069756.D

Acq: 4 Dec 2021 8:11

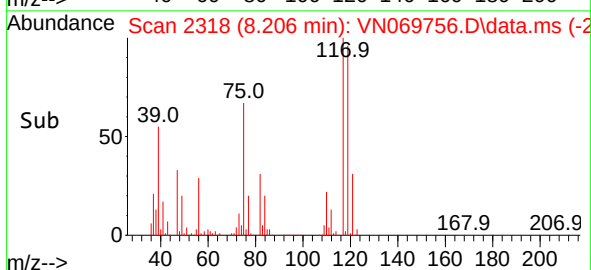
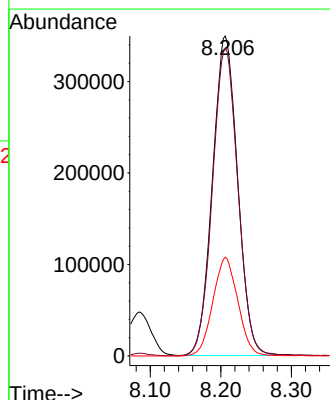
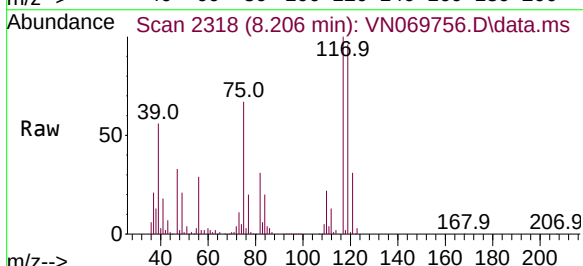
Tgt Ion:117 Resp: 865724

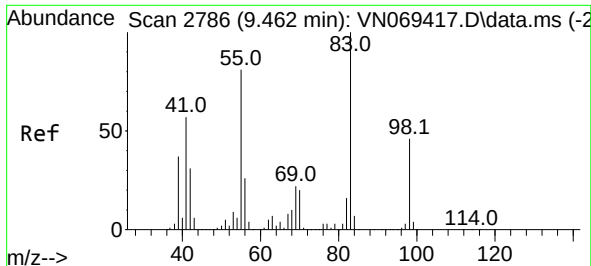
Ion Ratio Lower Upper

117 100

119 96.3 76.1 114.1

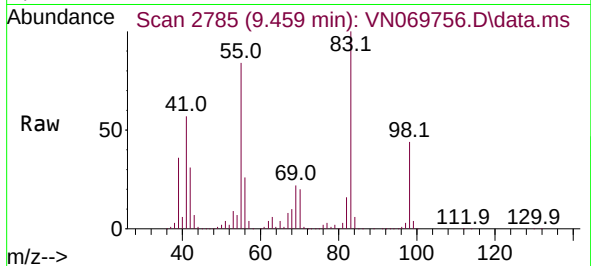
121 30.9 24.2 36.2





#39
Methylcyclohexane
Concen: 51.606 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

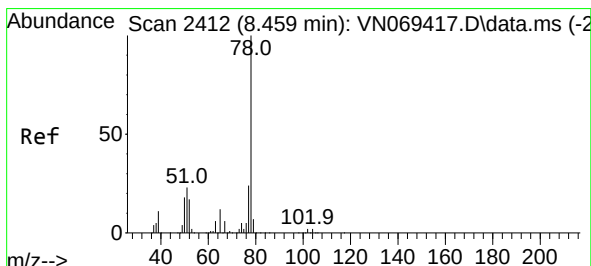
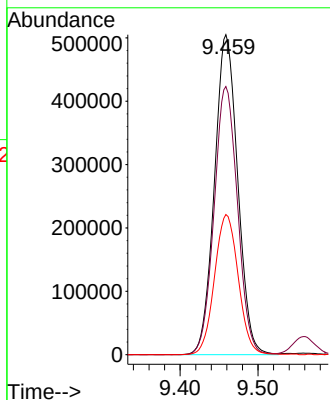
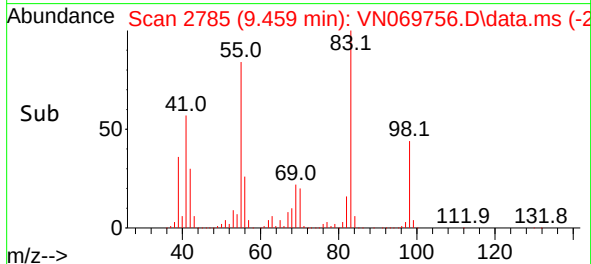
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 104856
Ion Ratio Lower Upper
83 100
55 83.7 58.1 87.1
98 43.8 38.4 57.6

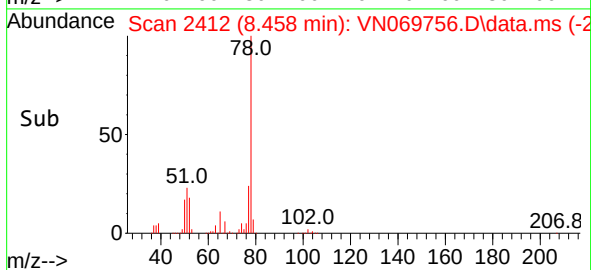
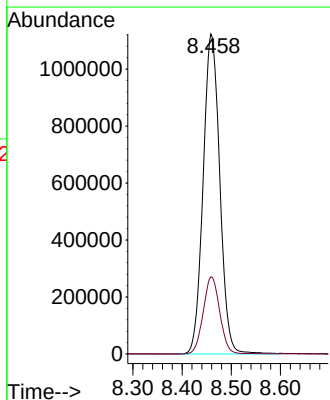
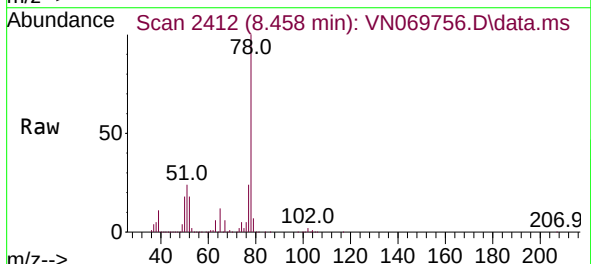
Manual Integrations
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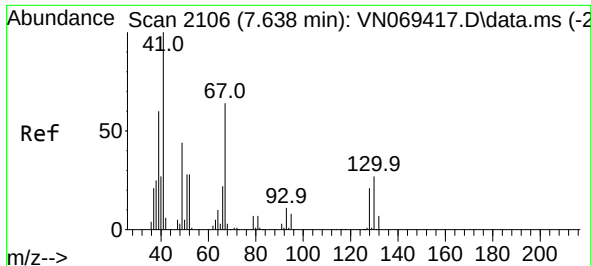
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#40
Benzene
Concen: 50.633 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

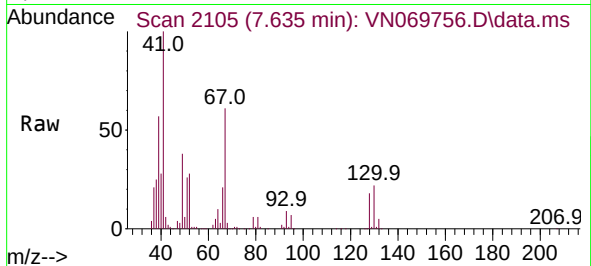
Tgt Ion: 78 Resp: 2643682
Ion Ratio Lower Upper
78 100
77 24.1 18.6 27.8





#41
Methacrylonitrile
Concen: 49.553 ug/l
RT: 7.635 min Scan# 2106
Delta R.T. -0.005 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

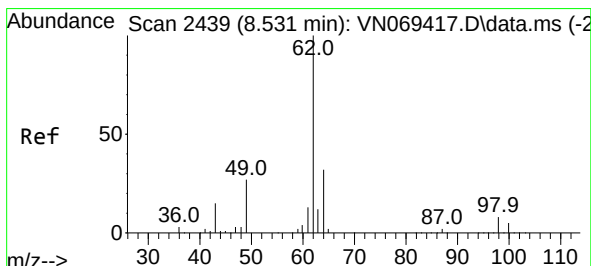
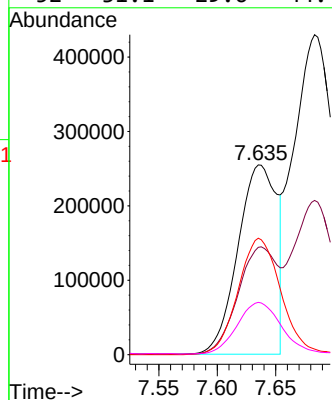
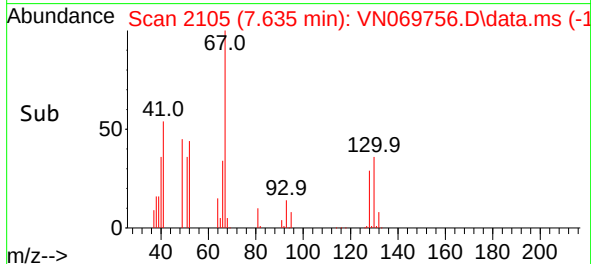
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 591415
Ion Ratio Lower Upper
41 100
39 56.6 48.1 72.1
67 68.2 68.3 102.5
52 31.1 29.6 44.4

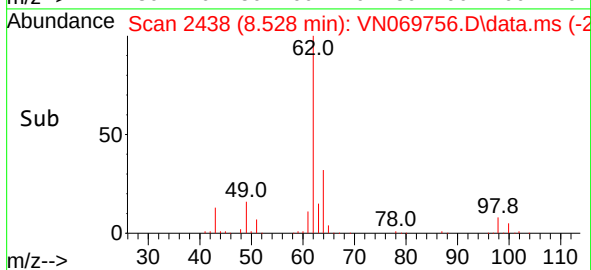
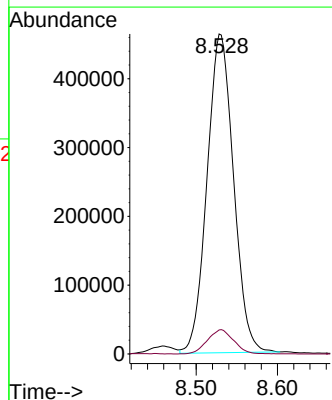
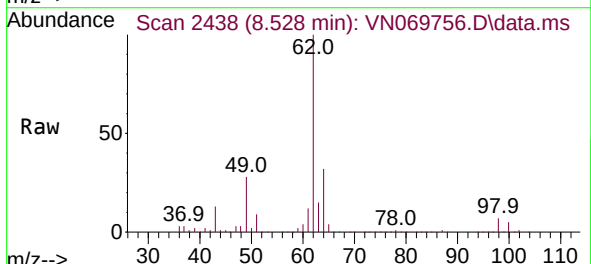
Manual Integrations
APPROVED

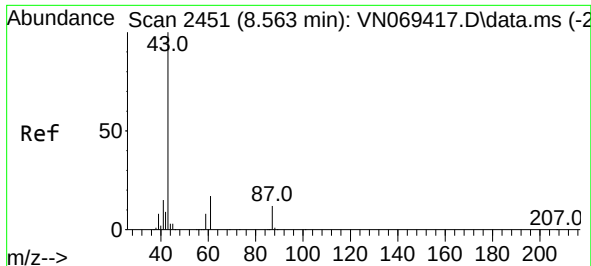
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#42
1,2-Dichloroethane
Concen: 49.785 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

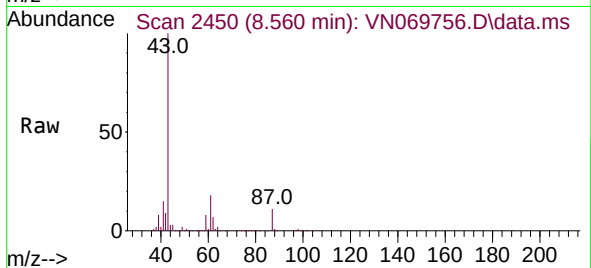
Tgt Ion: 62 Resp: 1049340
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 49.493 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

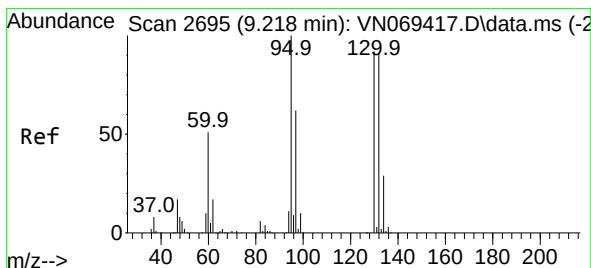
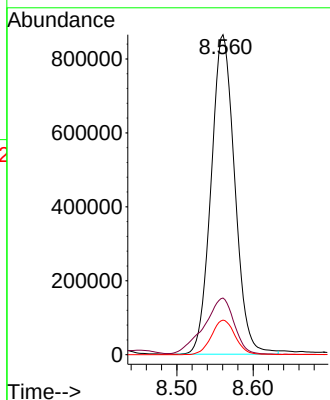
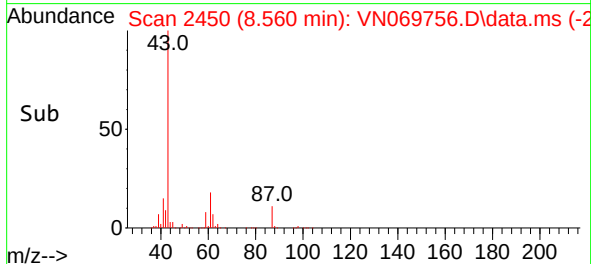
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1862114
Ion Ratio Lower Upper
43 100
61 22.8 20.4 30.6
87 10.9 11.2 16.8

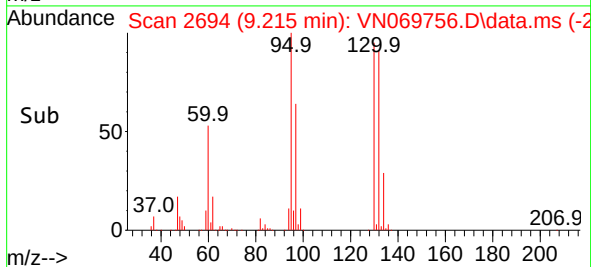
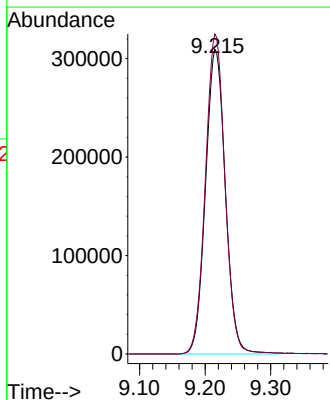
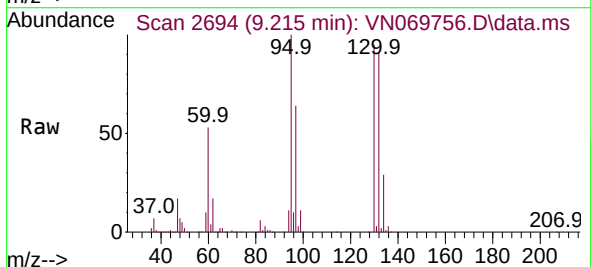
Manual Integrations
APPROVED

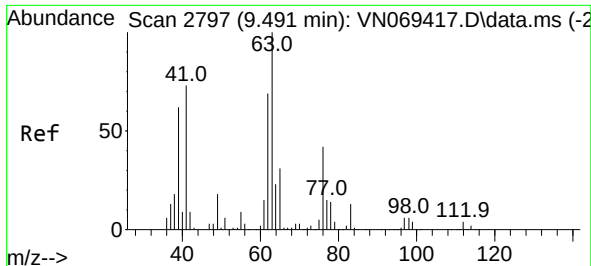
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#44
Trichloroethene
Concen: 52.099 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

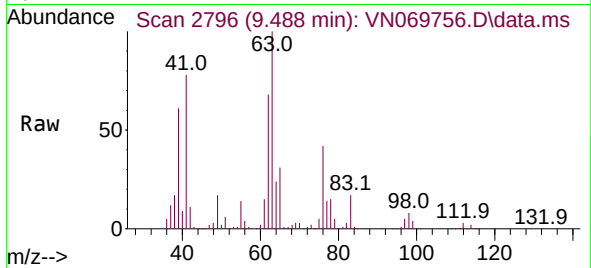
Tgt Ion:130 Resp: 649265
Ion Ratio Lower Upper
130 100
95 105.0 0.0 191.2





#45
1,2-Dichloropropane
Concen: 51.426 ug/l
RT: 9.488 min Scan# 2796
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

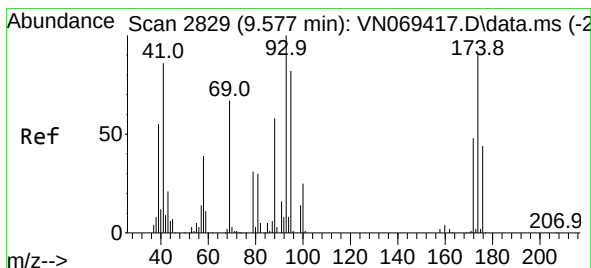
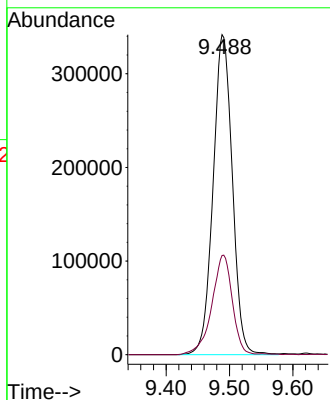
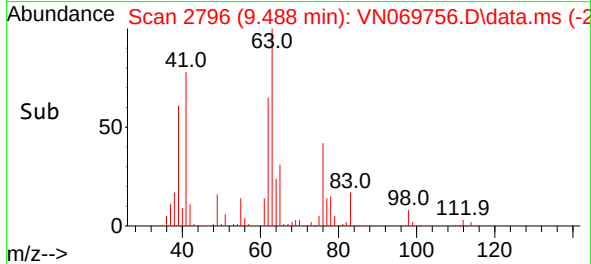
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



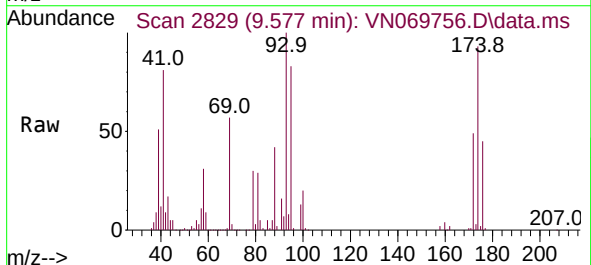
Tgt Ion: 63 Resp: 721049
Ion Ratio Lower Upper
63 100
65 30.9 24.7 37.1

Manual Integrations
APPROVED

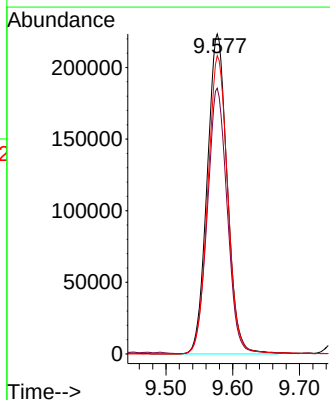
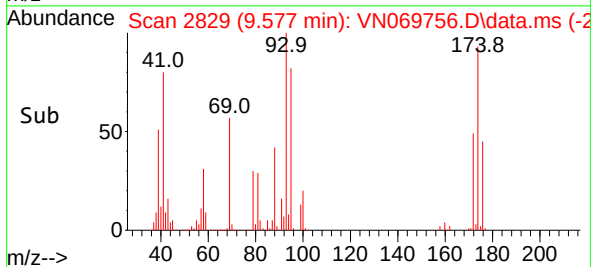
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

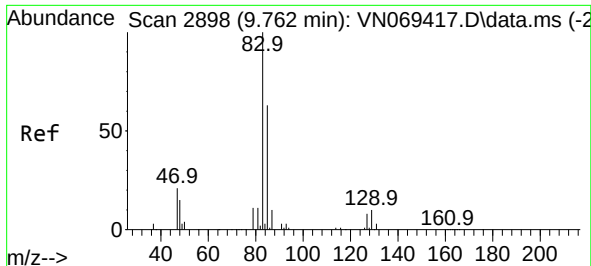


#46
Dibromomethane
Concen: 50.713 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11



Tgt Ion: 93 Resp: 466329
Ion Ratio Lower Upper
93 100
95 82.0 65.9 98.9
174 92.7 84.6 127.0





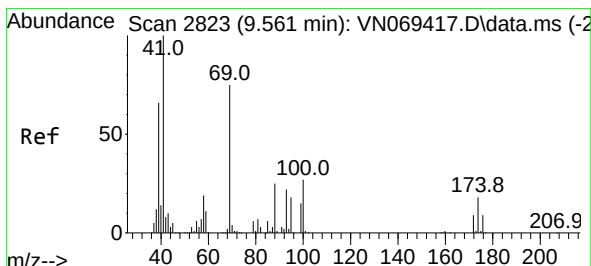
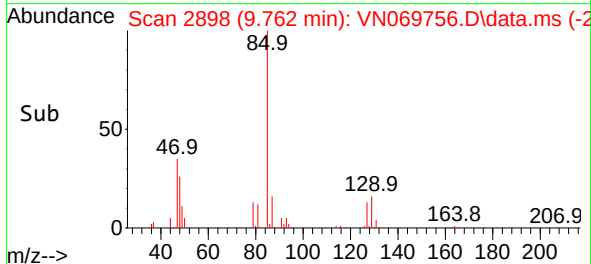
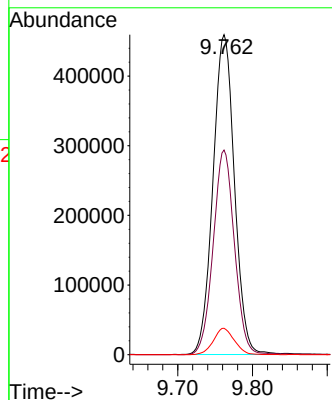
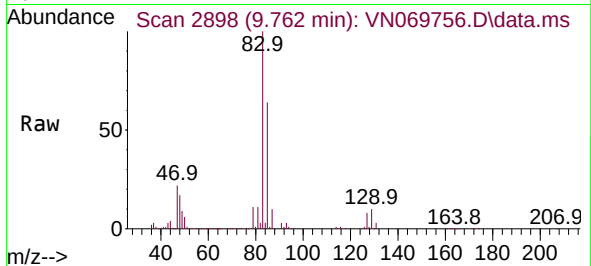
#47
Bromodichloromethane
Concen: 52.653 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 91671
Ion Ratio Lower Upper
83 100
85 64.0 50.9 76.3
127 8.2 7.1 10.7

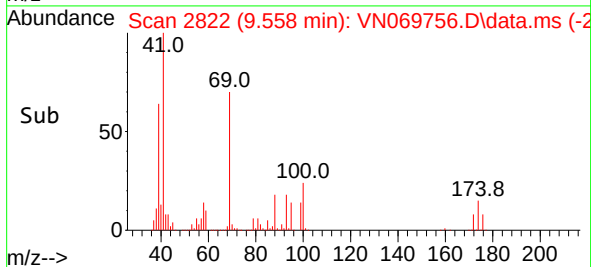
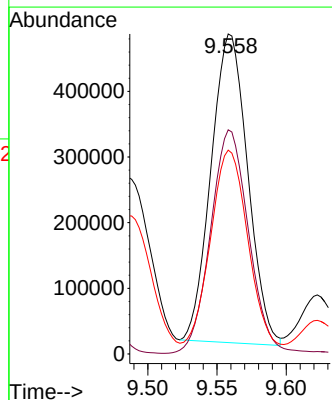
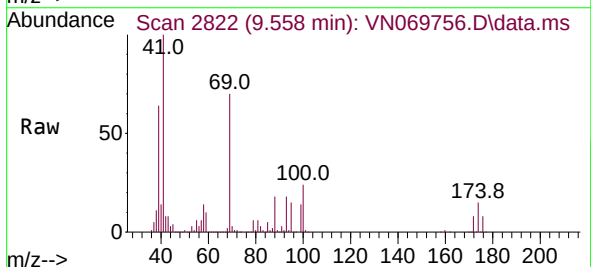
Manual Integrations
APPROVED

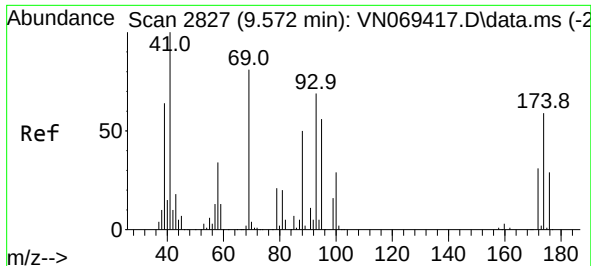
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#48
Methyl methacrylate
Concen: 49.282 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

Tgt Ion: 41 Resp: 865301
Ion Ratio Lower Upper
41 100
69 75.6 72.4 108.6
39 63.6 58.4 87.6





#49

1,4-Dioxane

Concen: 793.047 ug/l

RT: 9.569 min Scan# 2827

Delta R.T. -0.003 min

Lab File: VN069756.D

Acq: 4 Dec 2021 8:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 24984

Ion Ratio Lower Upper

88 100

43 36.8 23.4 35.2

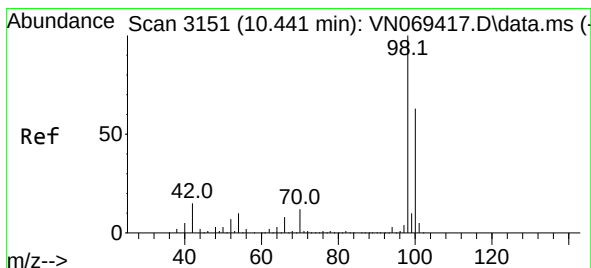
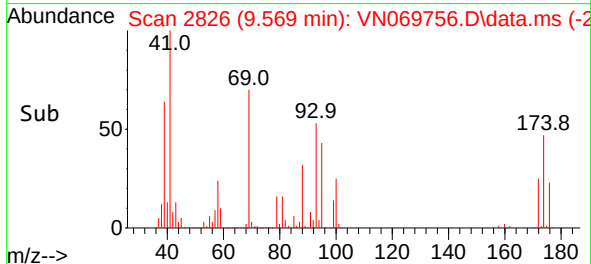
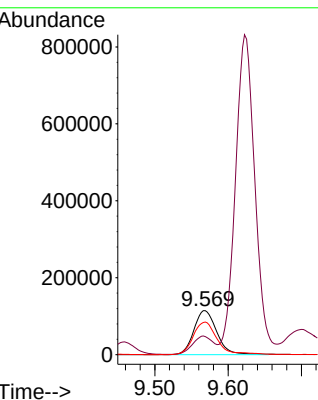
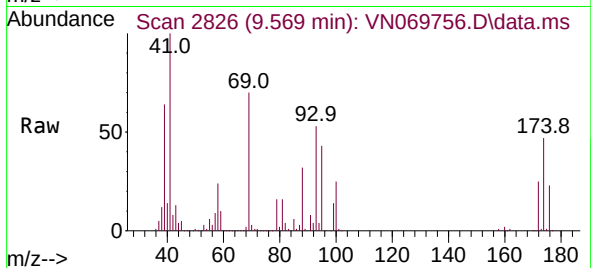
58 78.0 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#50

Toluene-d8

Concen: 50.024 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN069756.D

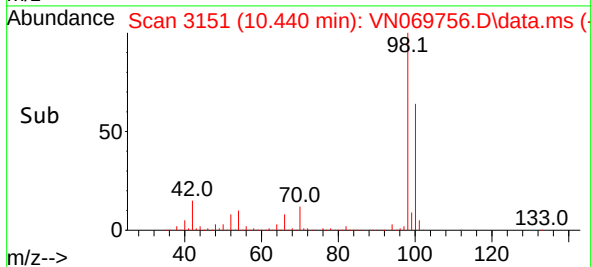
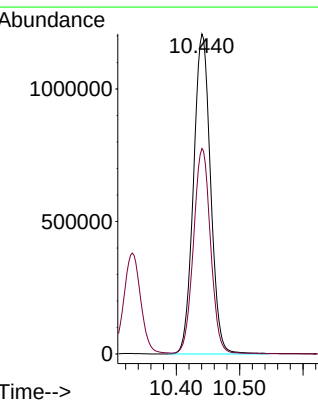
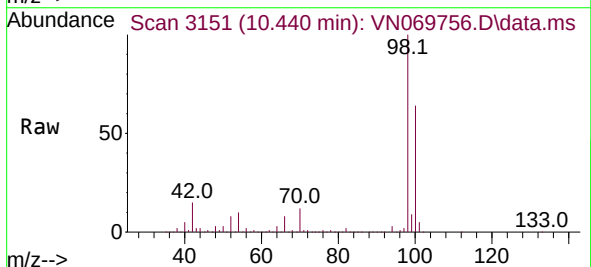
Acq: 4 Dec 2021 8:11

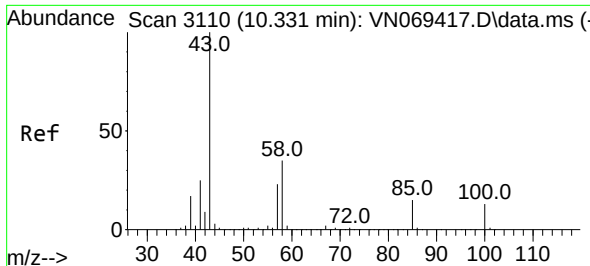
Tgt Ion: 98 Resp: 2257635

Ion Ratio Lower Upper

98 100

100 64.2 50.4 75.6





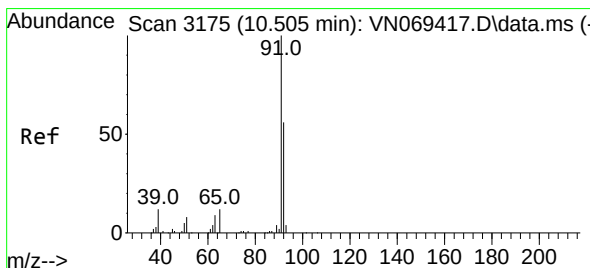
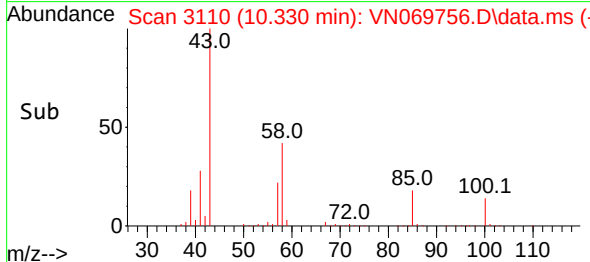
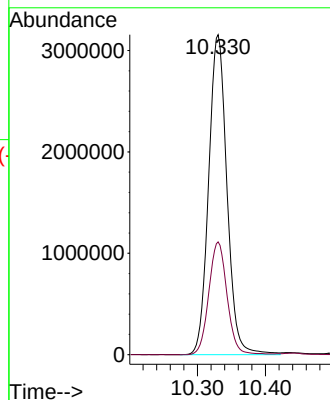
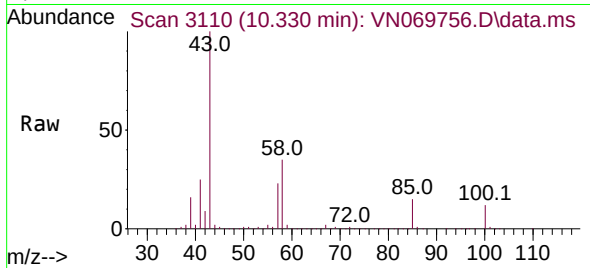
#51
4-Methyl-2-Pentanone
Concen: 241.792 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 5901558
Ion Ratio Lower Upper
43 100
58 35.2 30.4 45.6

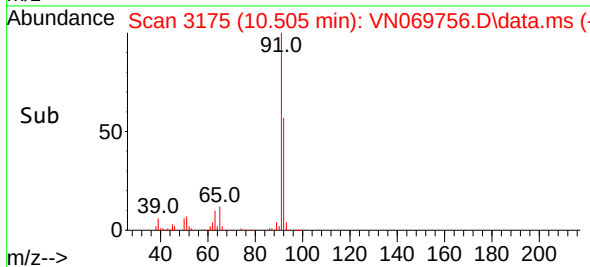
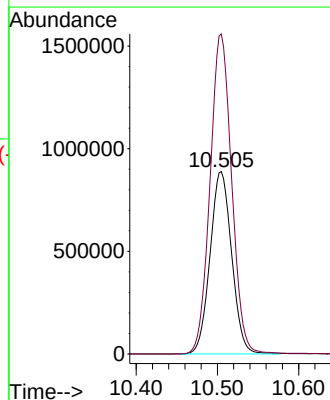
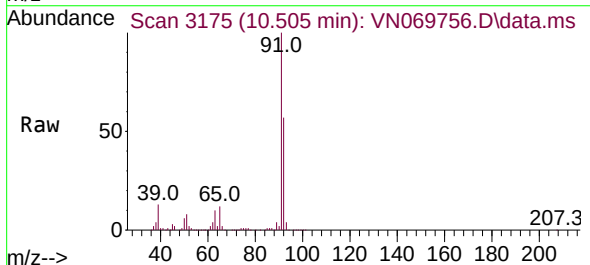
Manual Integrations
APPROVED

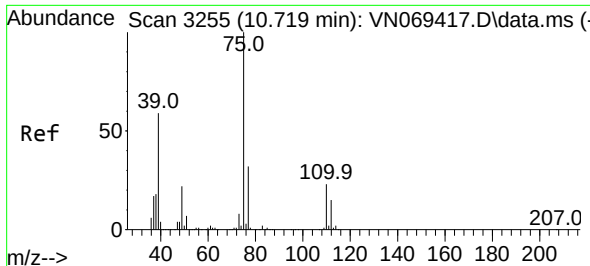
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#52
Toluene
Concen: 51.447 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

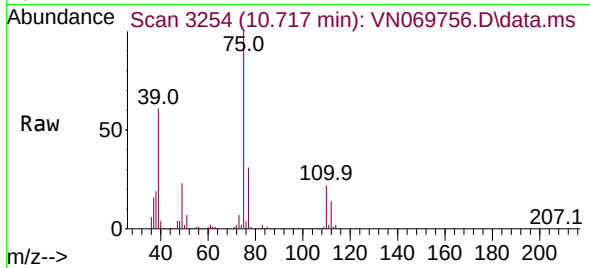
Tgt Ion: 92 Resp: 1639956
Ion Ratio Lower Upper
92 100
91 175.6 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 46.104 ug/l
RT: 10.717 min Scan# 3255
Delta R.T. -0.002 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

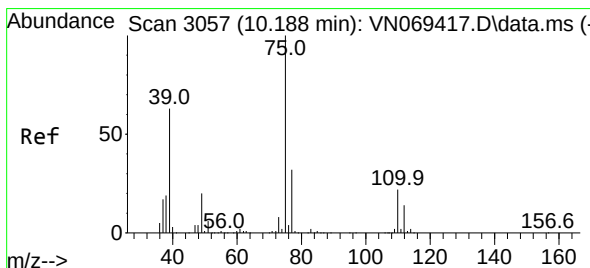
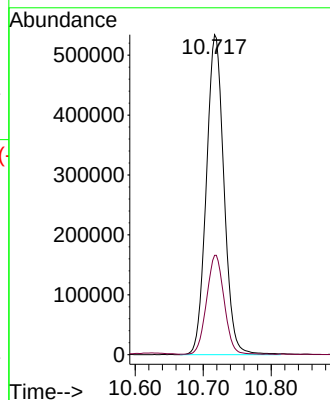
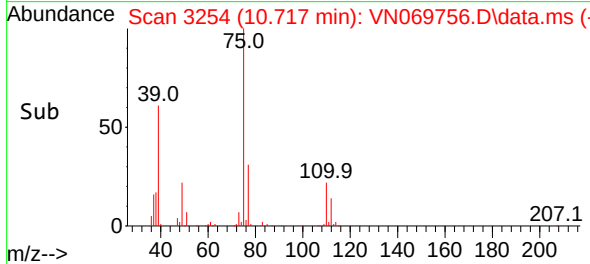
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 960735
Ion Ratio Lower Upper
75 100
77 30.9 25.6 38.4

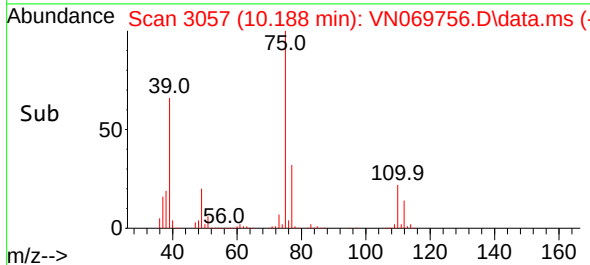
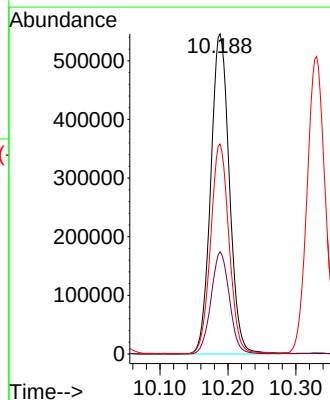
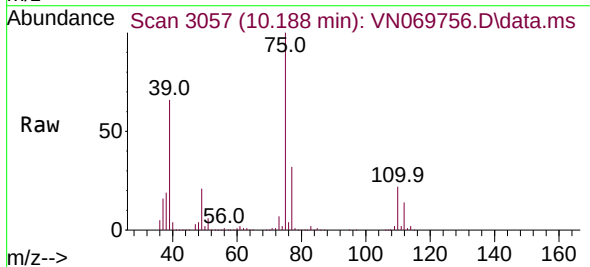
Manual Integrations
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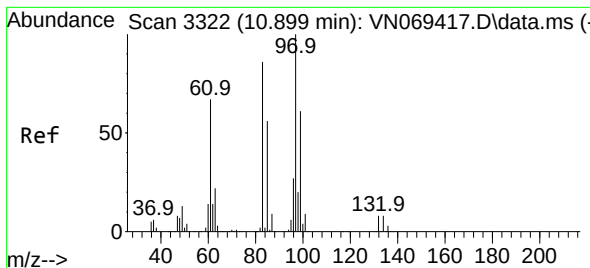
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#54
cis-1,3-Dichloropropene
Concen: 47.377 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

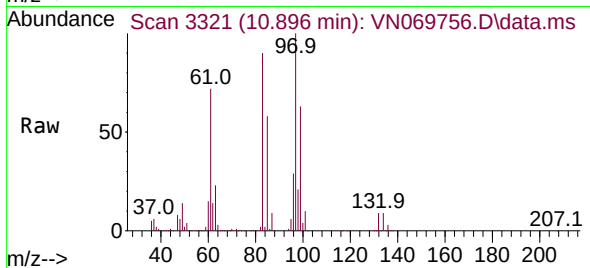
Tgt Ion: 75 Resp: 1038932
Ion Ratio Lower Upper
75 100
77 31.9 26.4 39.6
39 65.5 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 49.961 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

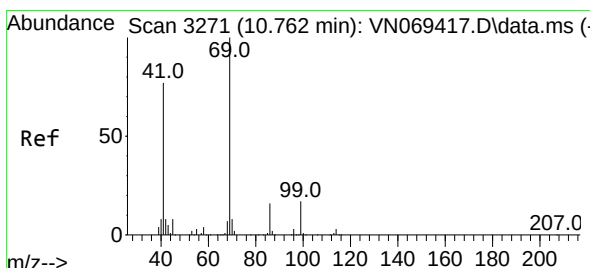
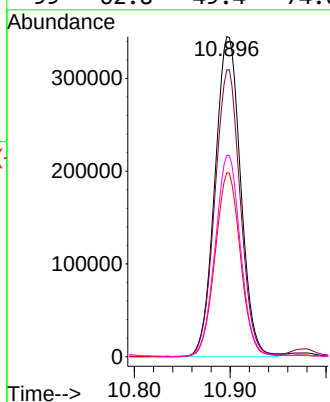
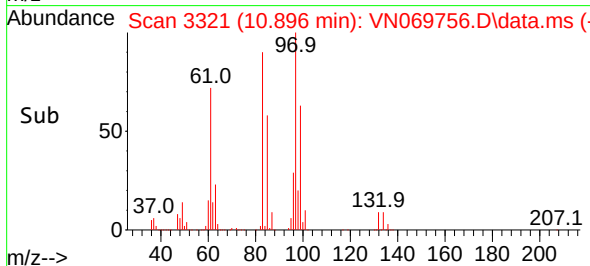
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



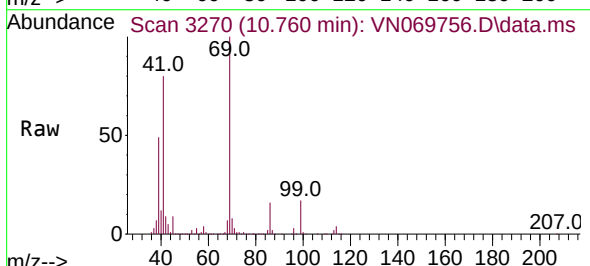
Tgt Ion: 97 Resp: 642570
Ion Ratio Lower Upper
97 100
83 89.6 67.8 101.6
85 57.5 45.4 68.2
99 62.8 49.4 74.0

Manual Integrations
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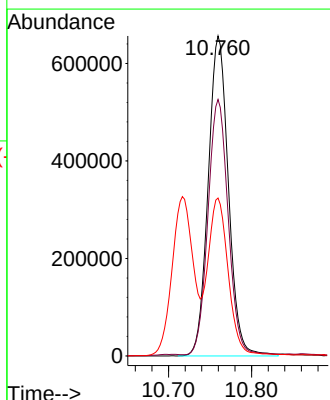
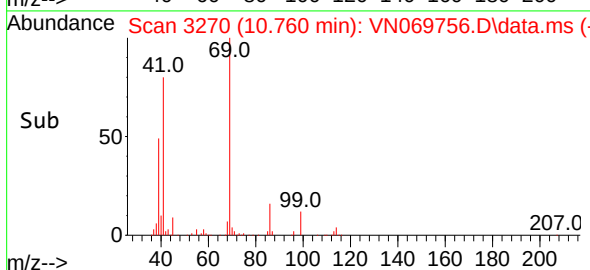
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

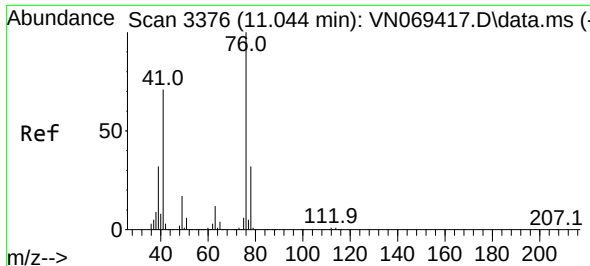


#56
Ethyl methacrylate
Concen: 45.911 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11



Tgt Ion: 69 Resp: 1109436
Ion Ratio Lower Upper
69 100
41 79.7 51.4 77.0#
39 49.7 34.6 52.0





#57

1,3-Dichloropropane

Concen: 50.639 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN069756.D

Acq: 4 Dec 2021 8:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 1146800

Ion Ratio Lower Upper

76 100

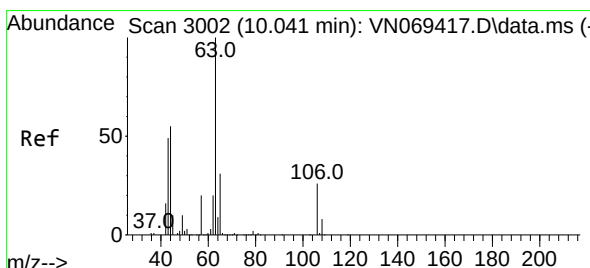
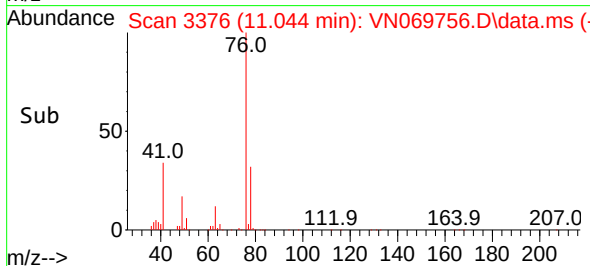
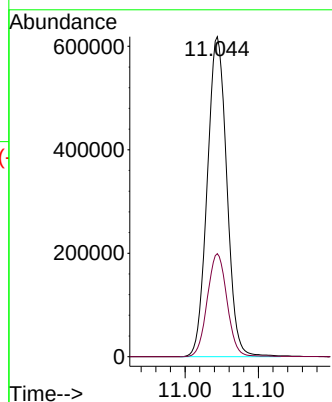
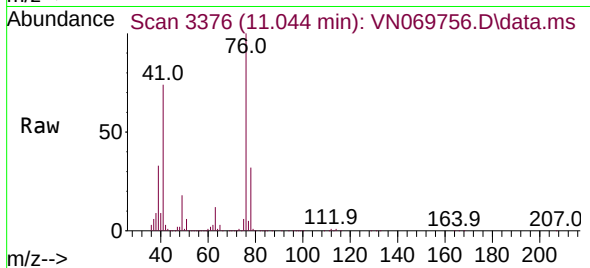
78 32.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#58

2-Chloroethyl Vinyl ether

Concen: 223.195 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN069756.D

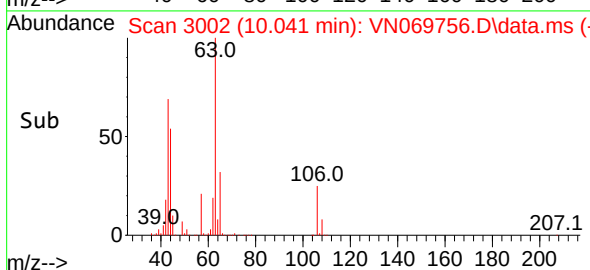
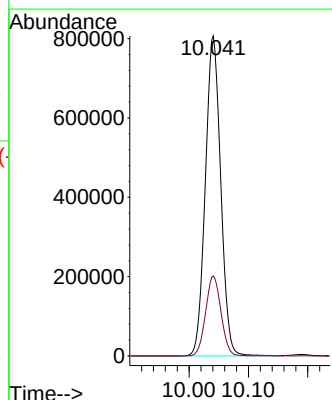
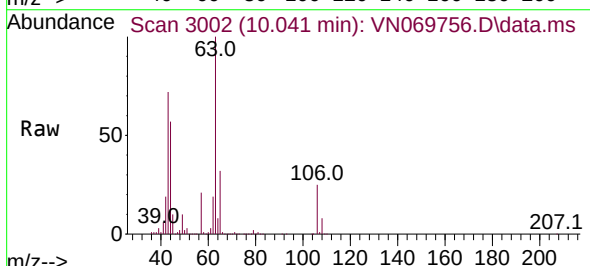
Acq: 4 Dec 2021 8:11

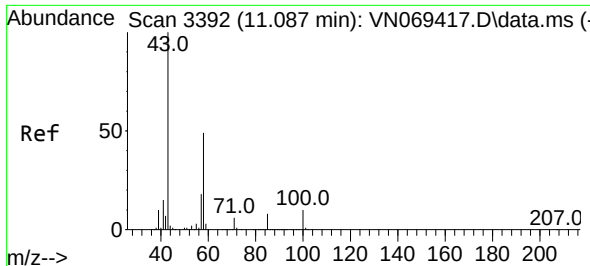
Tgt Ion: 63 Resp: 1448757

Ion Ratio Lower Upper

63 100

106 25.0 23.9 35.9





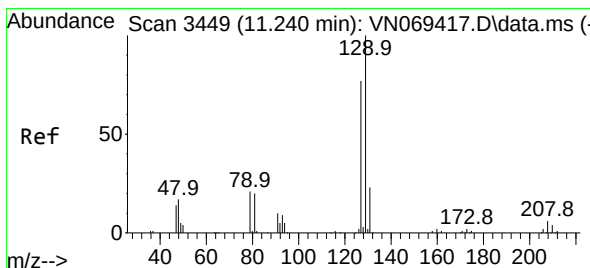
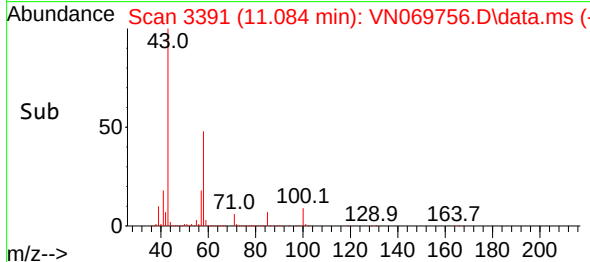
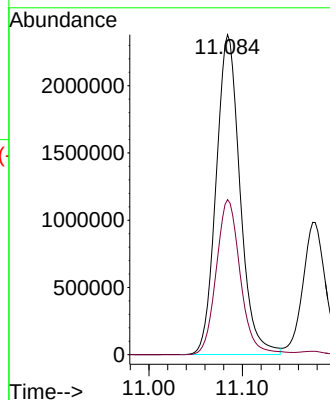
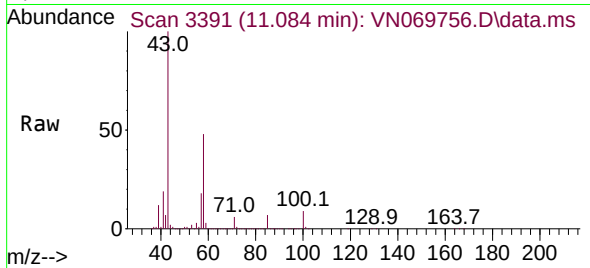
#59
2-Hexanone
Concen: 229.153 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 423099
Ion Ratio Lower Upper
43 100
58 49.0 26.9 80.7

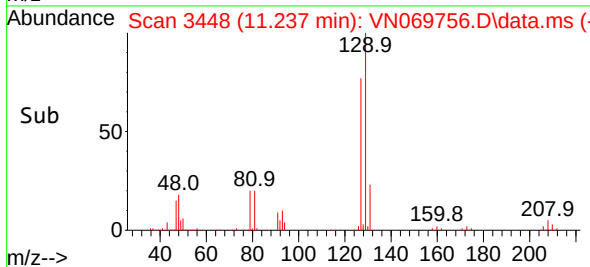
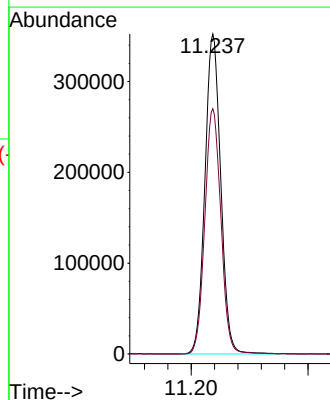
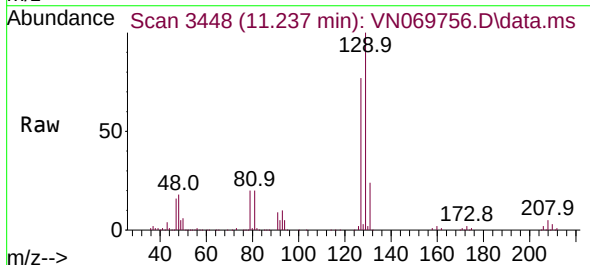
Manual Integrations
APPROVED

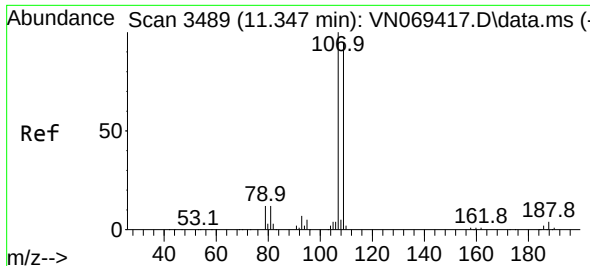
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#60
Dibromochloromethane
Concen: 48.078 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

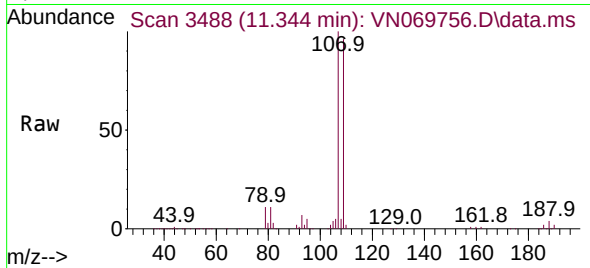
Tgt Ion:129 Resp: 661230
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 50.272 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

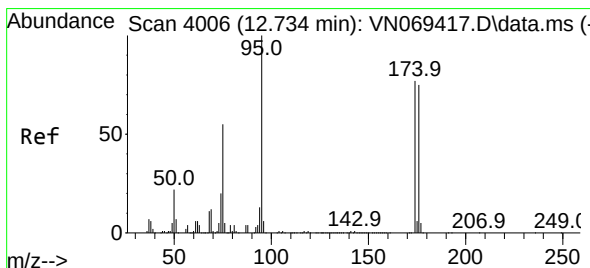
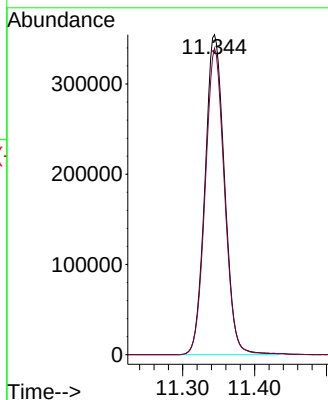
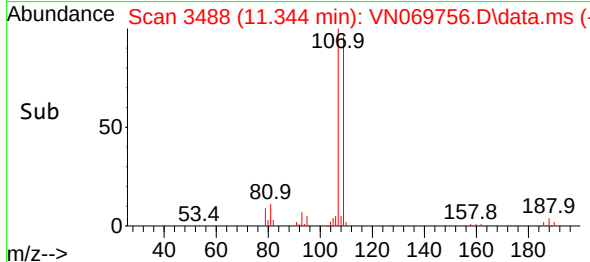
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 66970
Ion Ratio Lower Upper
107 100
109 94.3 75.7 113.5

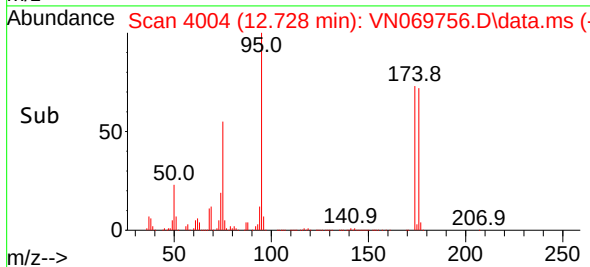
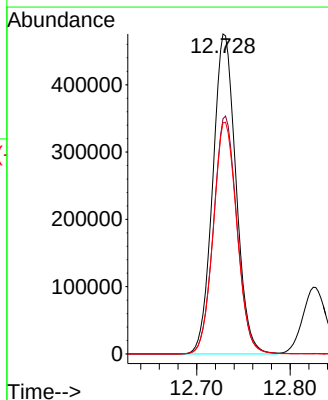
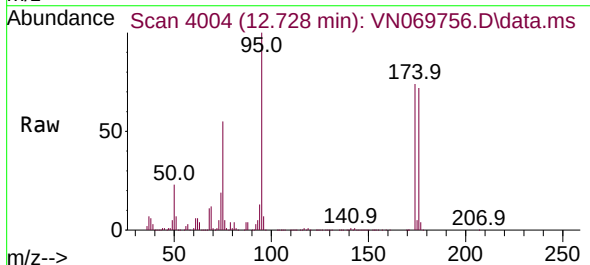
Manual Integrations
APPROVED

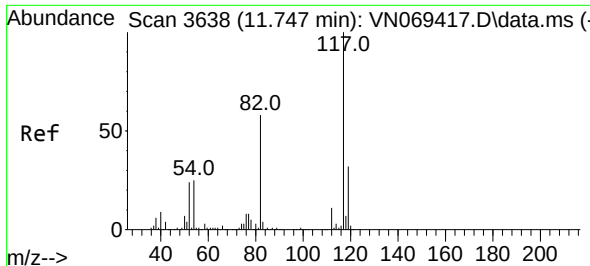
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#62
4-Bromofluorobenzene
Concen: 50.117 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

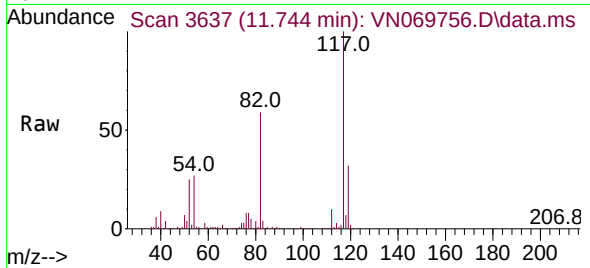
Tgt Ion: 95 Resp: 819410
Ion Ratio Lower Upper
95 100
174 75.1 0.0 187.2
176 73.8 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

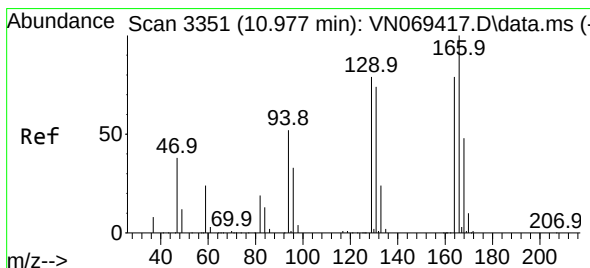
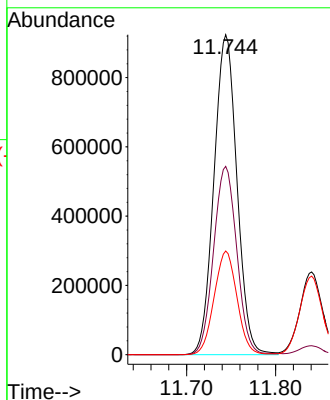
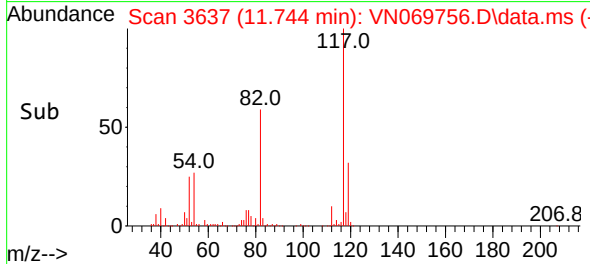
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 166129
Ion Ratio Lower Upper
117 100
82 58.9 42.4 63.6
119 32.4 25.4 38.2

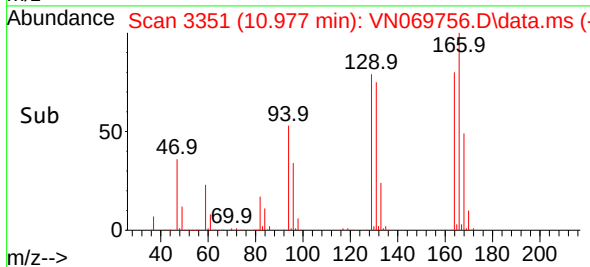
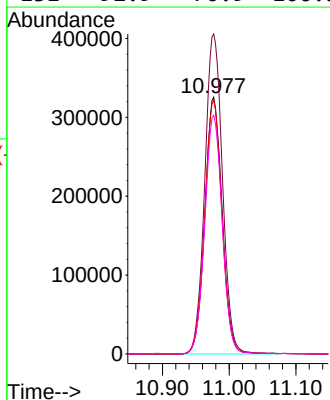
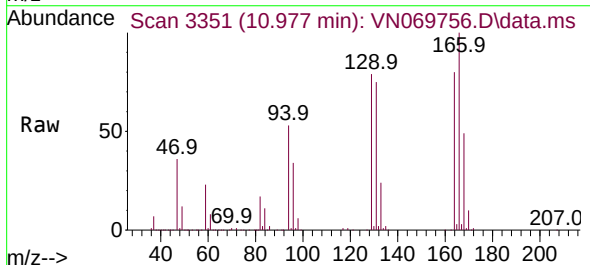
Manual Integrations
APPROVED

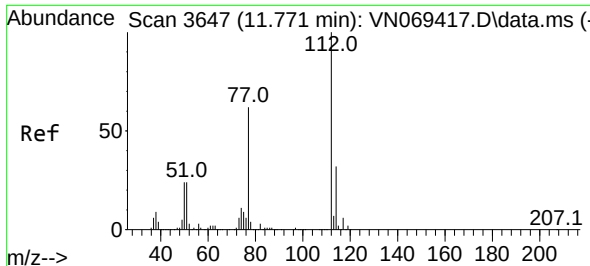
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#64
Tetrachloroethene
Concen: 52.272 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

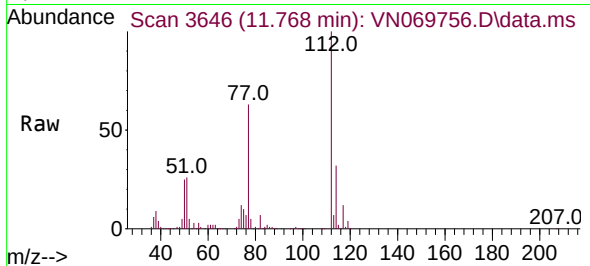
Tgt Ion:164 Resp: 588827
Ion Ratio Lower Upper
164 100
166 124.7 101.9 152.9
129 98.8 72.0 108.0
131 92.9 70.9 106.3





#65
Chlorobenzene
Concen: 51.180 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

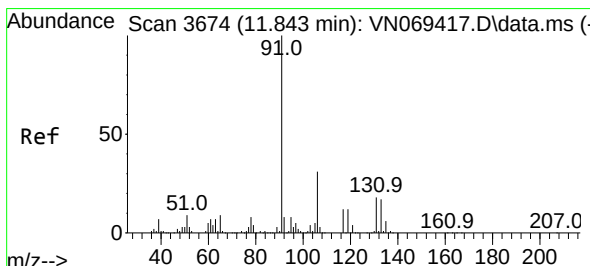
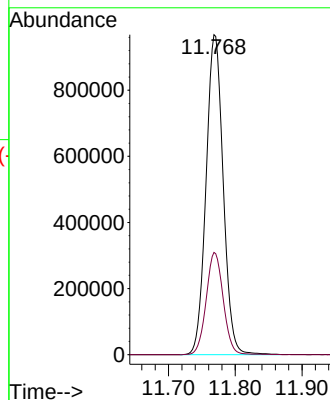
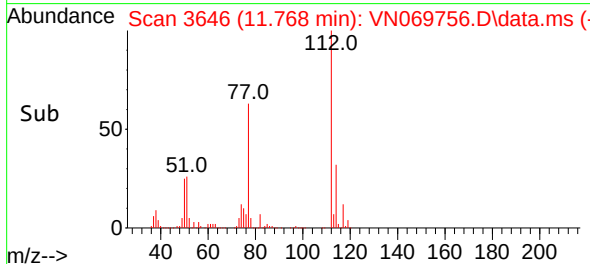
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 172489
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0

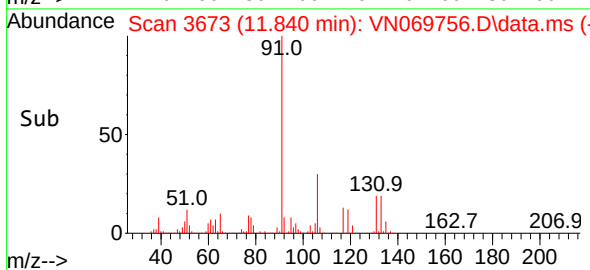
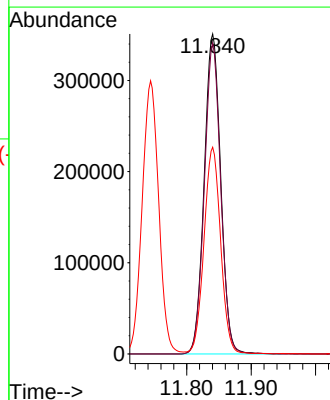
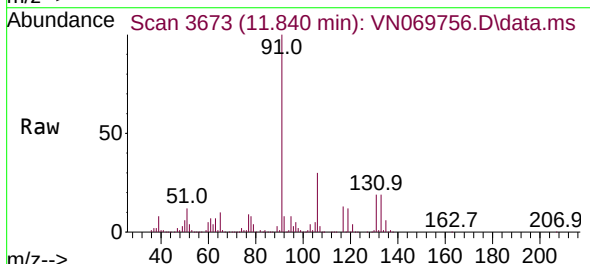
Manual Integrations
APPROVED

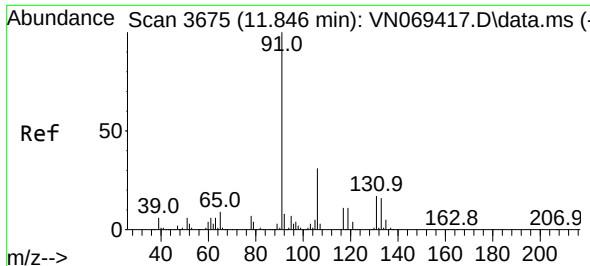
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 52.850 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

Tgt Ion:131 Resp: 626919
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.7
119 64.5 32.1 96.5





#67

Ethyl Benzene

Concen: 52.909 ug/l

RT: 11.843 min Scan# 30

Delta R.T. -0.003 min

Lab File: VN069756.D

Acq: 4 Dec 2021 8:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 323912

Ion Ratio Lower Upper

91 100

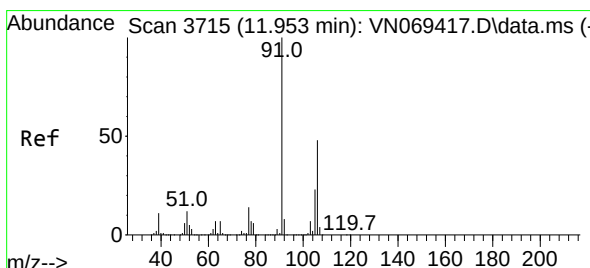
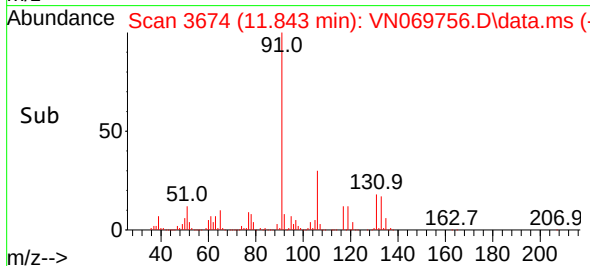
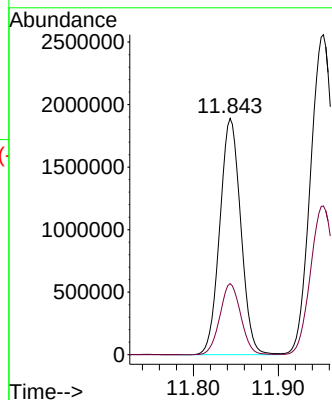
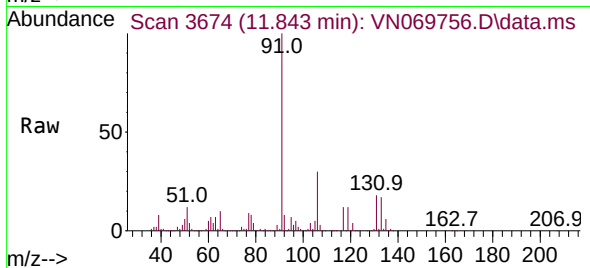
106 30.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#68

m/p-Xylenes

Concen: 105.982 ug/l

RT: 11.953 min Scan# 3715

Delta R.T. 0.000 min

Lab File: VN069756.D

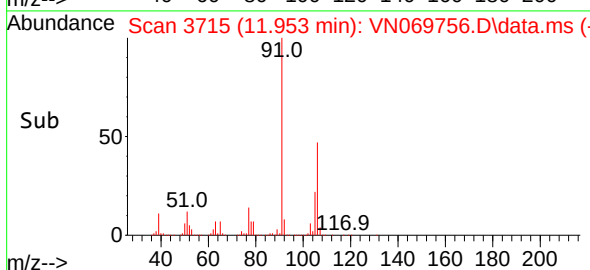
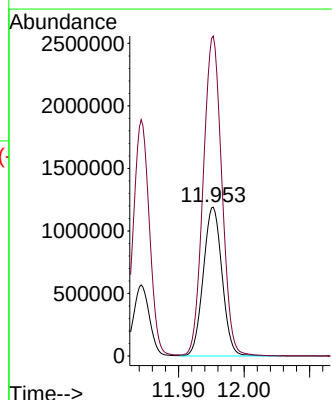
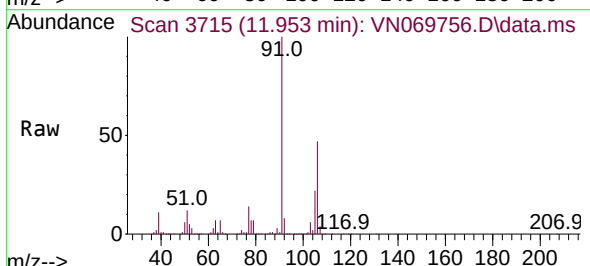
Acq: 4 Dec 2021 8:11

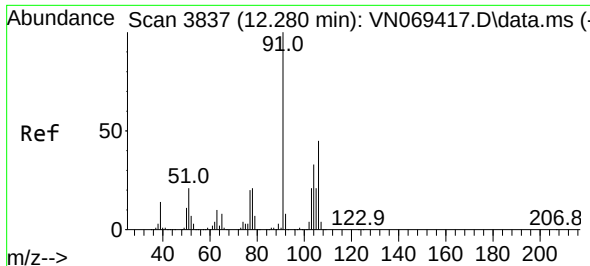
Tgt Ion:106 Resp: 2362426

Ion Ratio Lower Upper

106 100

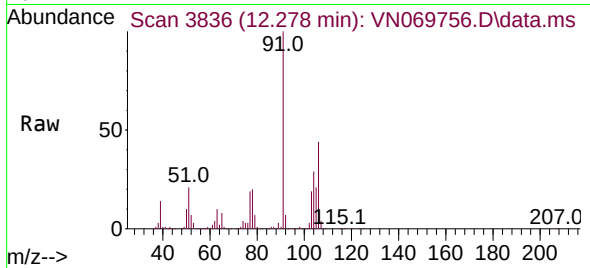
91 213.4 160.6 240.8





#69
o-Xylene
Concen: 52.649 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.005 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

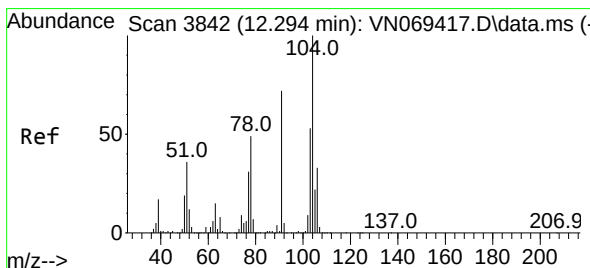
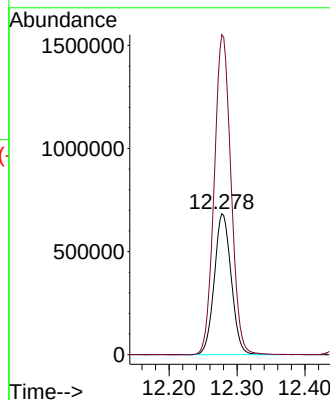
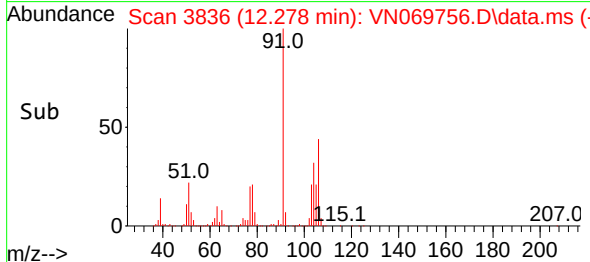
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 1182129
Ion Ratio Lower Upper
106 100
91 225.4 105.8 317.3

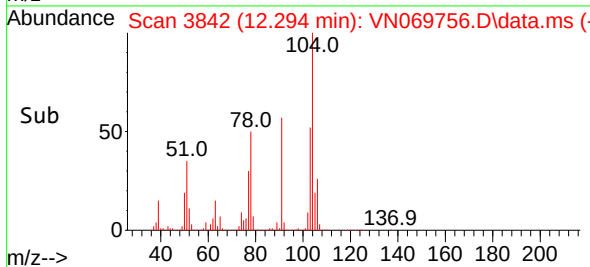
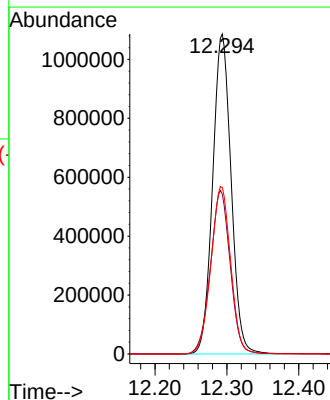
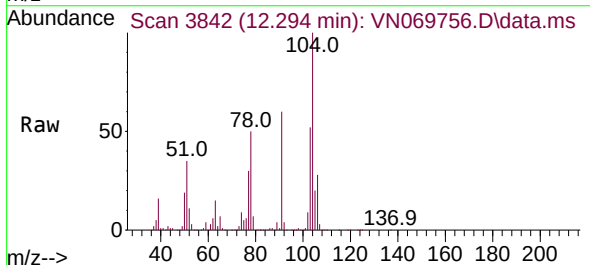
Manual Integrations
APPROVED

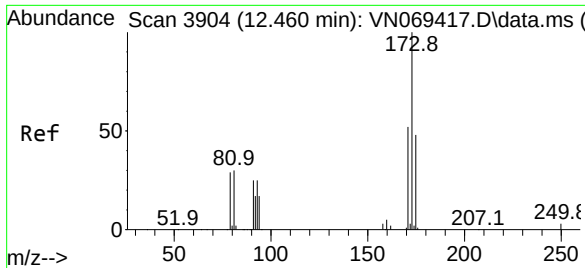
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#70
Styrene
Concen: 54.347 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

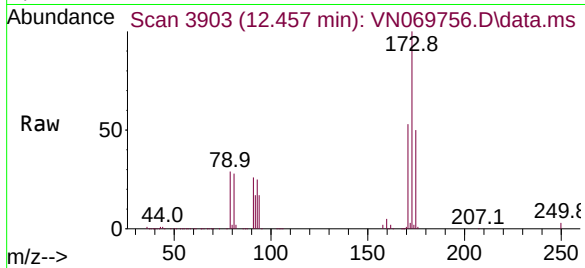
Tgt Ion:104 Resp: 1934945
Ion Ratio Lower Upper
104 100
78 54.8 38.7 58.1
103 56.0 45.0 67.6





#71
Bromoform
Concen: 46.410 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

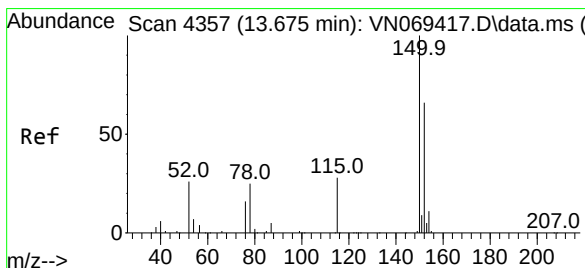
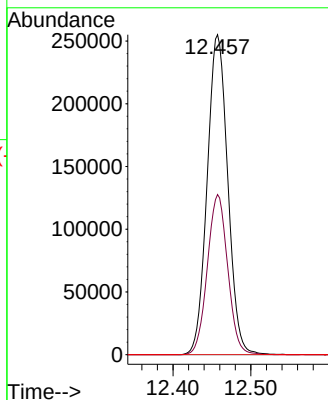
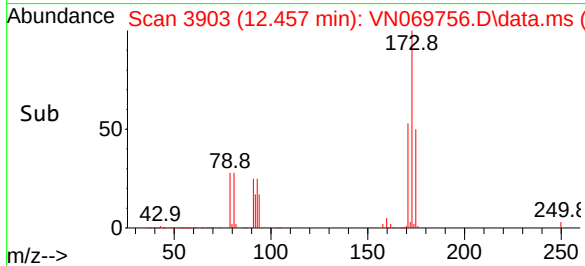
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



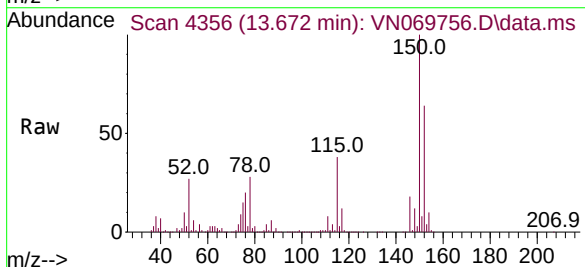
Tgt Ion:173 Resp: 46876
Ion Ratio Lower Upper
173 100
175 49.5 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

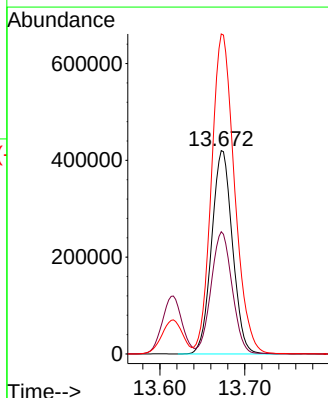
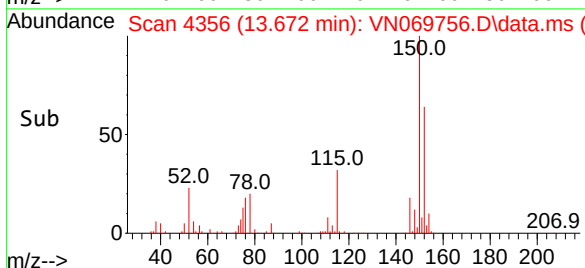
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

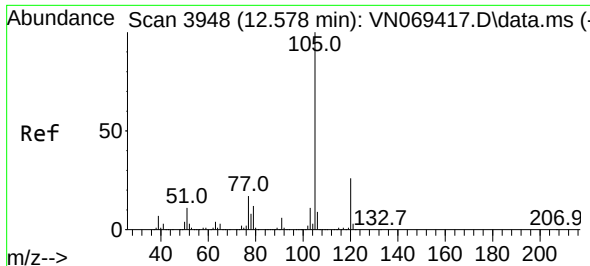


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. -0.005 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11



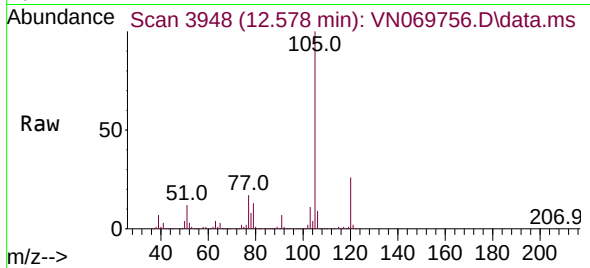
Tgt Ion:152 Resp: 715289
Ion Ratio Lower Upper
152 100
115 60.4 27.5 82.5
150 174.3 0.0 344.4





#73
Isopropylbenzene
Concen: 49.267 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

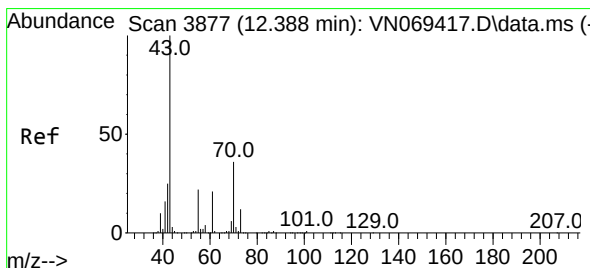
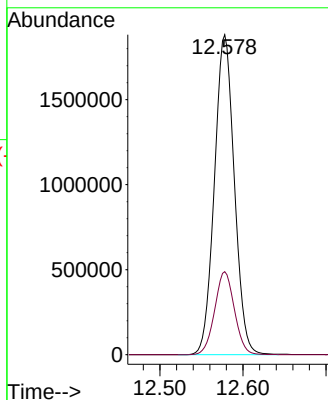
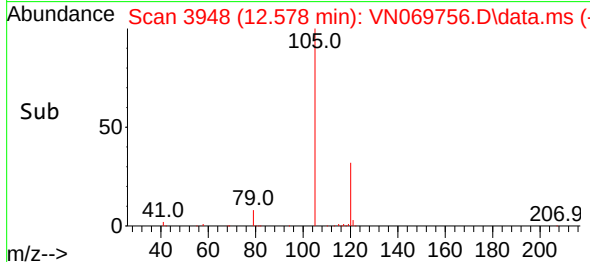
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



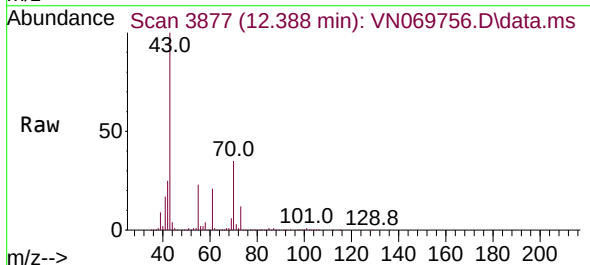
Tgt Ion:105 Resp: 3135394
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1

Manual Integrations
APPROVED

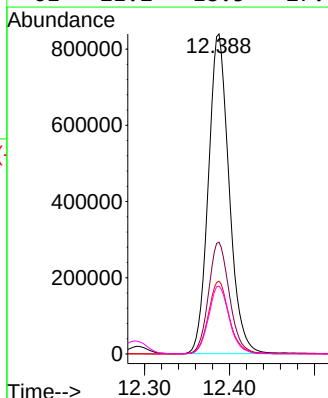
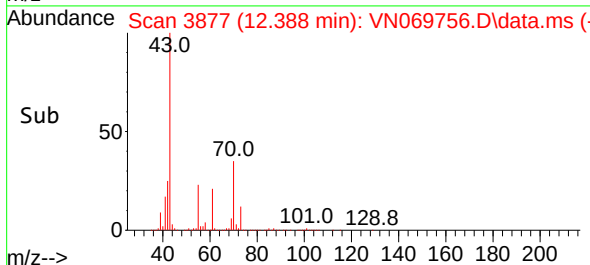
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

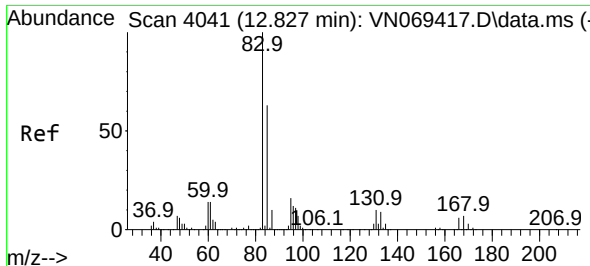


#74
N-ethyl acetate
Concen: 50.460 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11



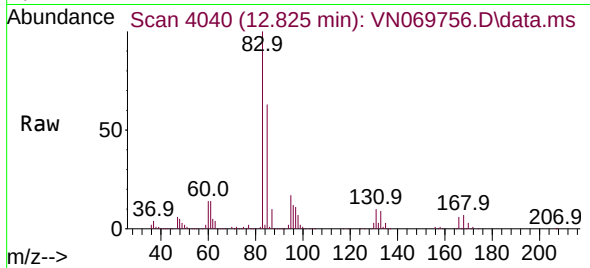
Tgt Ion: 43 Resp: 1420161
Ion Ratio Lower Upper
43 100
70 35.4 33.4 50.0
55 23.1 19.3 28.9
61 21.2 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 46.659 ug/l
RT: 12.825 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

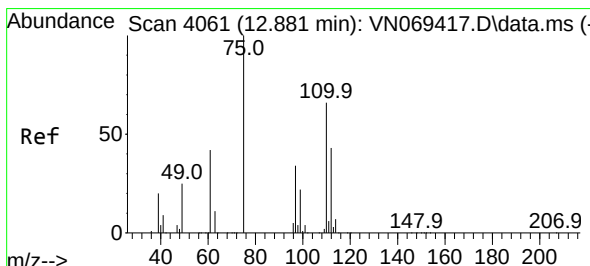
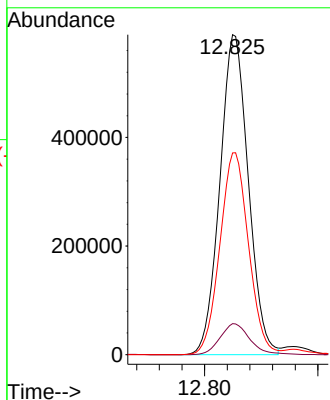
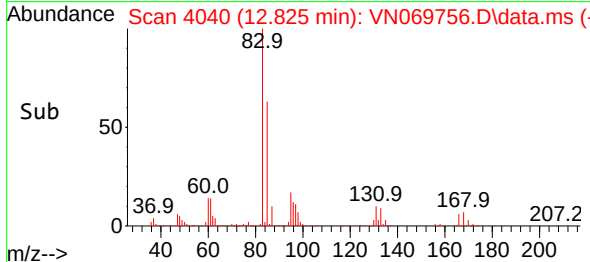
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 1026828
Ion Ratio Lower Upper
83 100
131 10.1 5.5 16.5
85 63.6 32.4 97.2

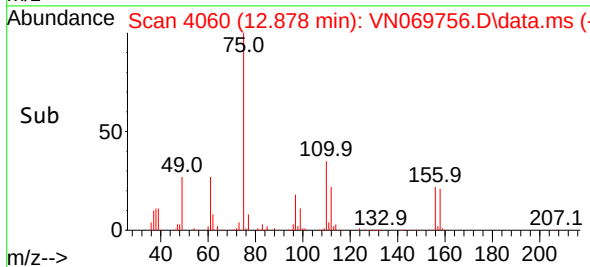
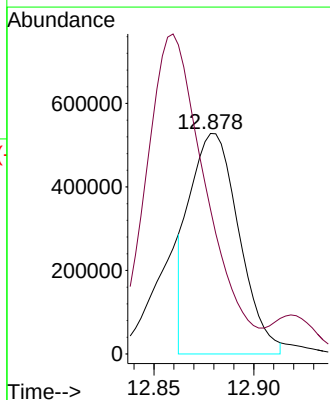
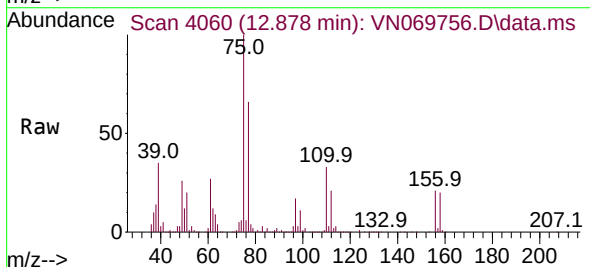
Manual Integrations
APPROVED

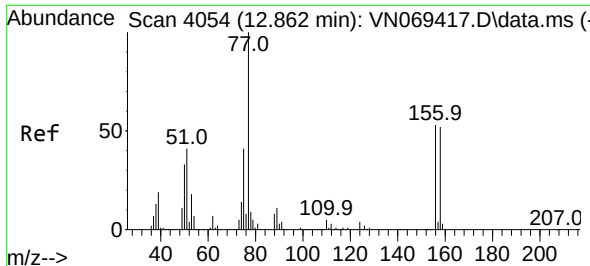
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#76
1,2,3-Trichloropropane
Concen: 44.196 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

Tgt Ion: 75 Resp: 906590
Ion Ratio Lower Upper
75 100
77 177.5 82.6 247.8





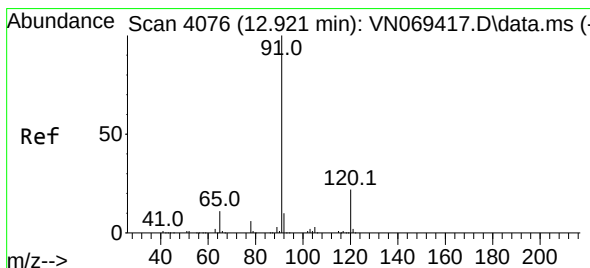
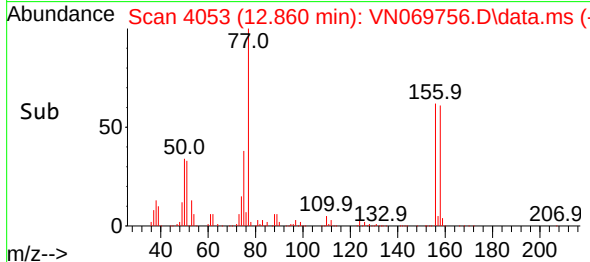
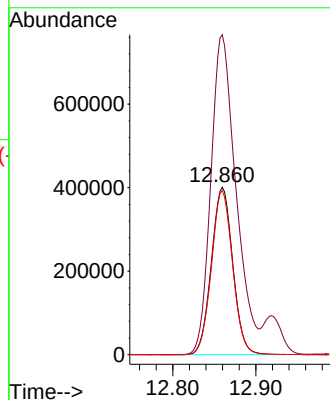
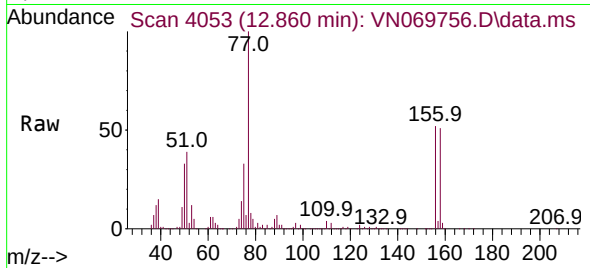
#77
Bromobenzene
Concen: 48.019 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 71780
Ion Ratio Lower Upper
156 100
77 224.2 90.6 271.8
158 97.0 48.9 146.7

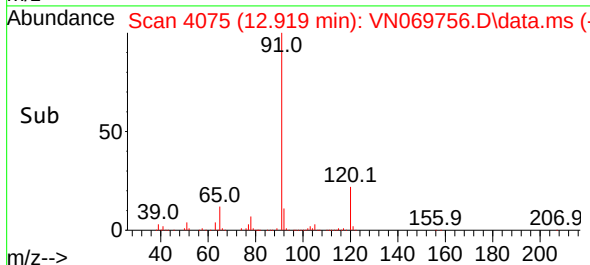
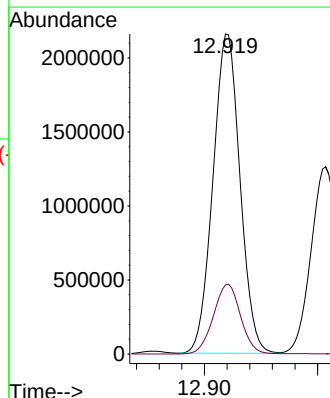
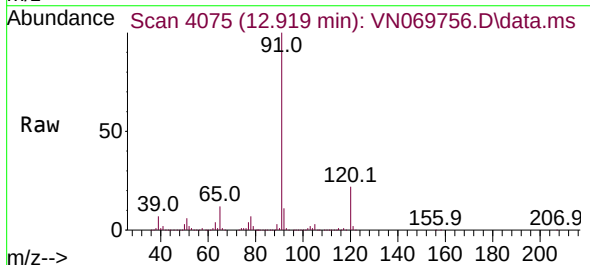
Manual Integrations
APPROVED

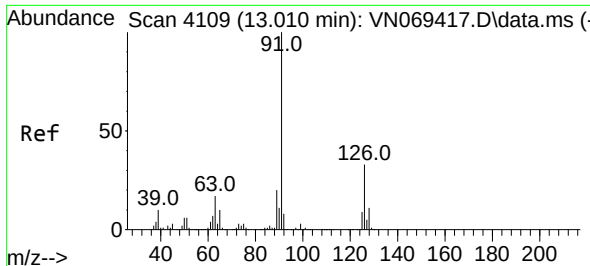
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#78
n-propylbenzene
Concen: 50.440 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

Tgt Ion: 91 Resp: 3572096
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9





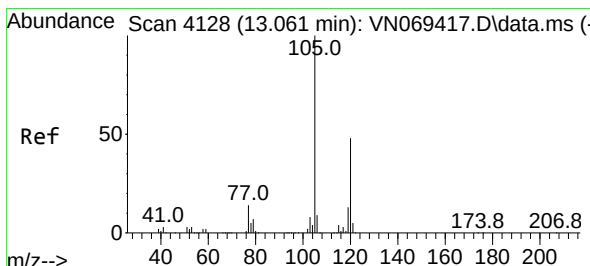
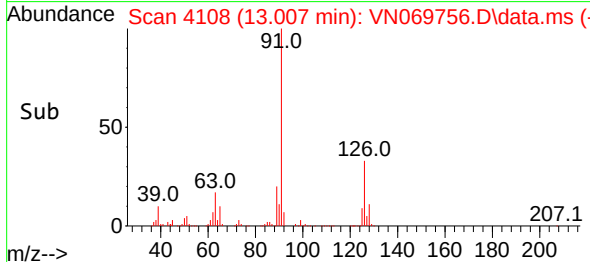
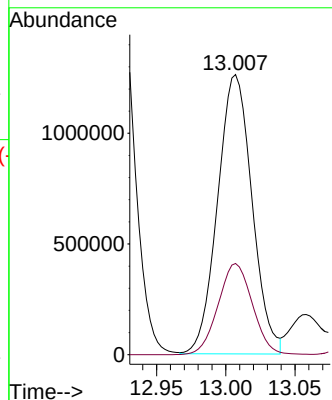
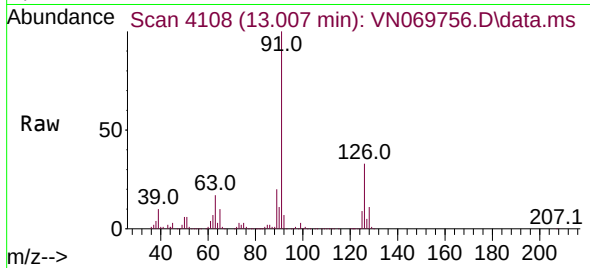
#79
2-Chlorotoluene
Concen: 48.833 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 218515
Ion Ratio Lower Upper
91 100
126 32.5 18.3 54.8

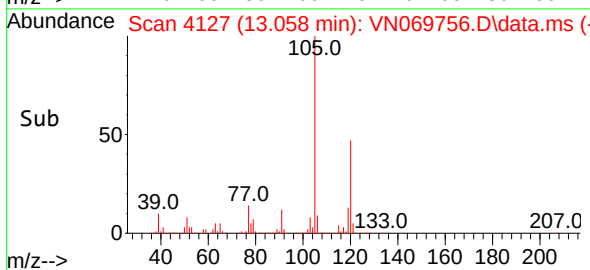
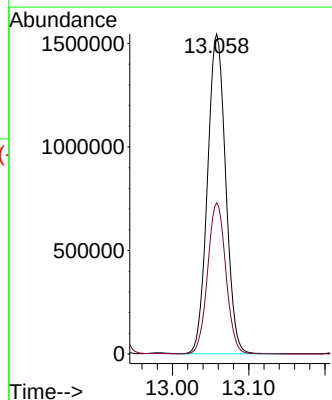
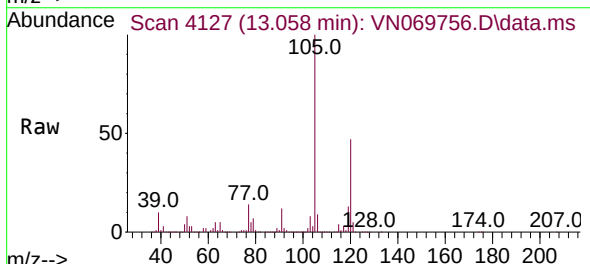
Manual Integrations
APPROVED

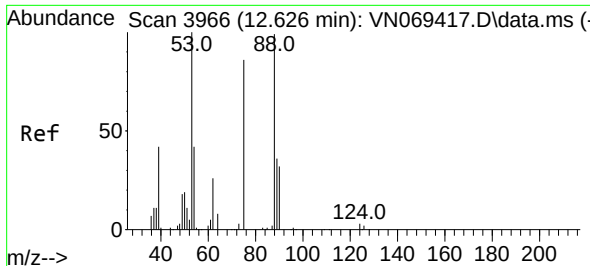
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#80
1,3,5-Trimethylbenzene
Concen: 49.845 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

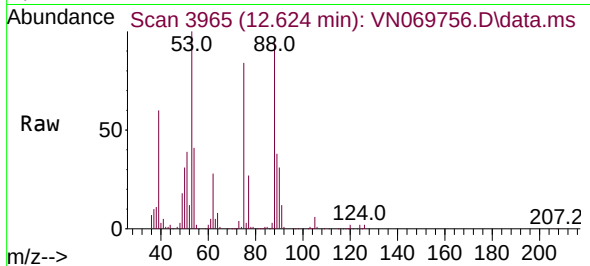
Tgt Ion:105 Resp: 2553236
Ion Ratio Lower Upper
105 100
120 47.3 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 31.687 ug/l
RT: 12.624 min Scan# 3965
Delta R.T. -0.002 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

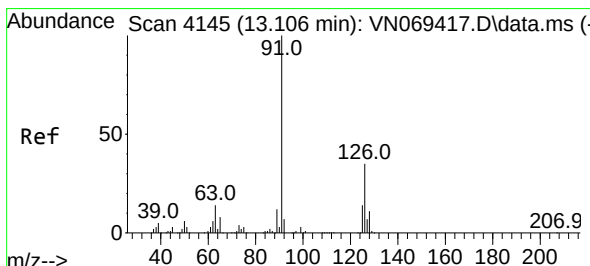
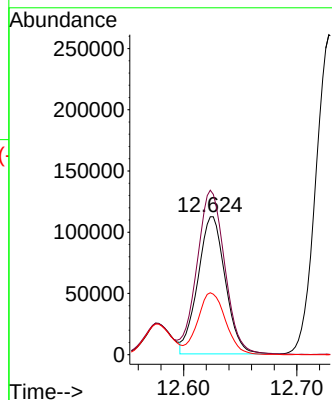
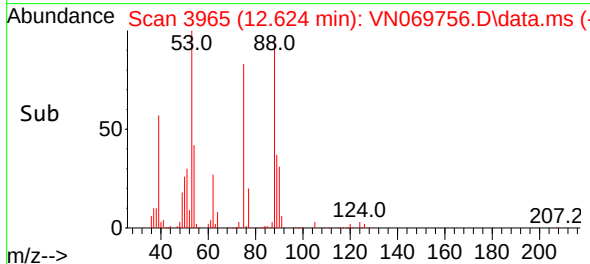
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



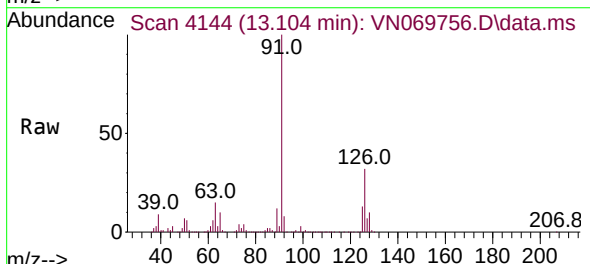
Tgt Ion: 75 Resp: 188454
Ion Ratio Lower Upper
75 100
53 122.5 90.5 135.7
89 46.0 38.2 57.4

Manual Integrations
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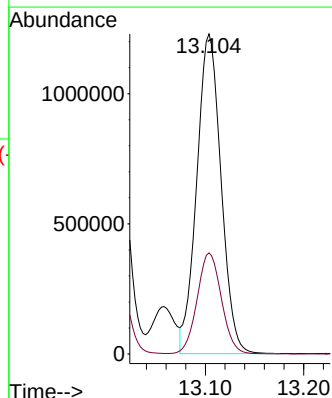
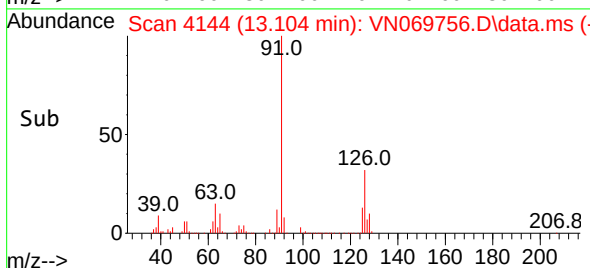
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

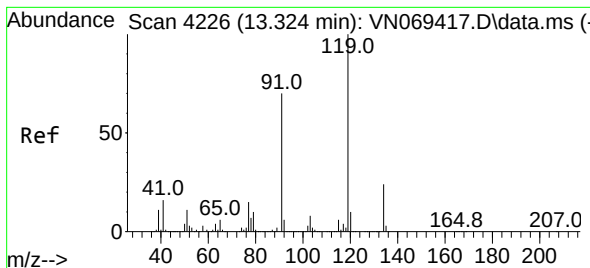


#82
4-Chlorotoluene
Concen: 50.012 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11



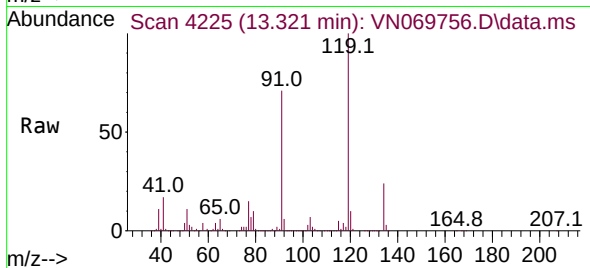
Tgt Ion: 91 Resp: 2104619
Ion Ratio Lower Upper
91 100
126 31.6 18.2 54.6





#83
tert-Butylbenzene
Concen: 49.016 ug/l
RT: 13.321 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

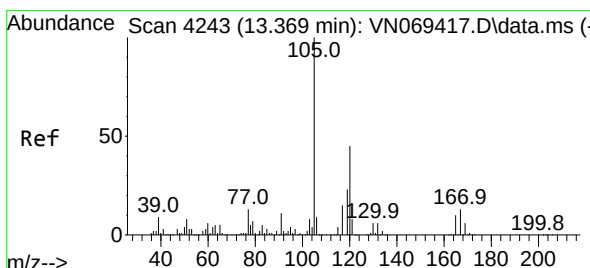
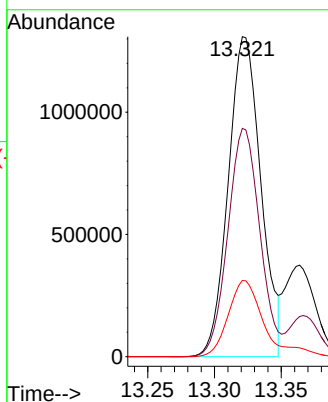
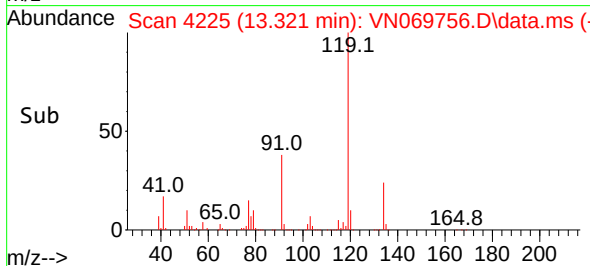
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



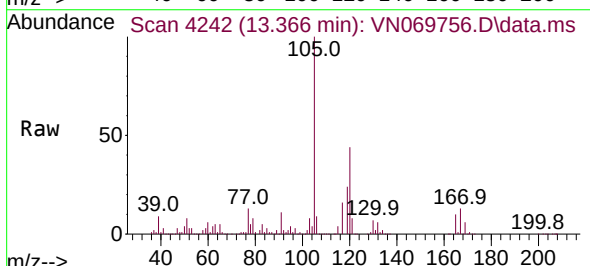
Tgt Ion:119 Resp: 2223224
Ion Ratio Lower Upper
119 100
91 70.4 31.5 94.5
134 26.2 12.4 37.4

Manual Integrations
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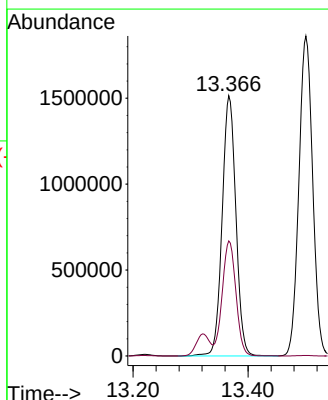
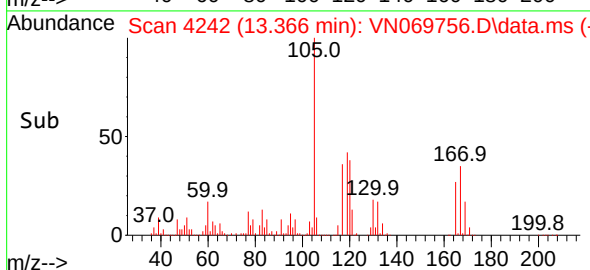
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

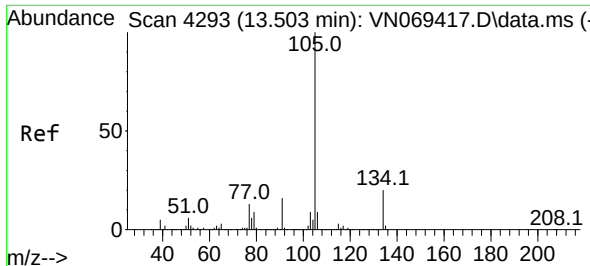


#84
1,2,4-Trimethylbenzene
Concen: 51.475 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11



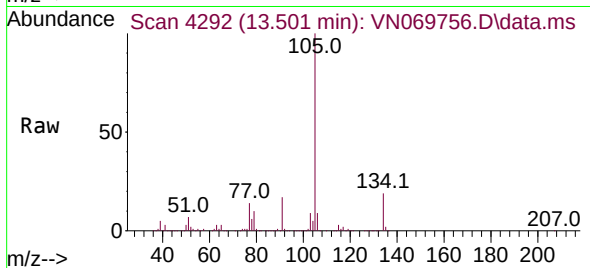
Tgt Ion:105 Resp: 2511121
Ion Ratio Lower Upper
105 100
120 43.9 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 50.268 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.003 min
 Lab File: VN069756.D
 Acq: 4 Dec 2021 8:11

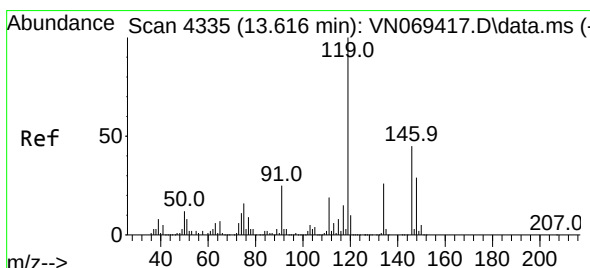
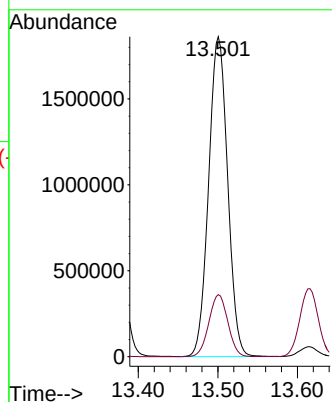
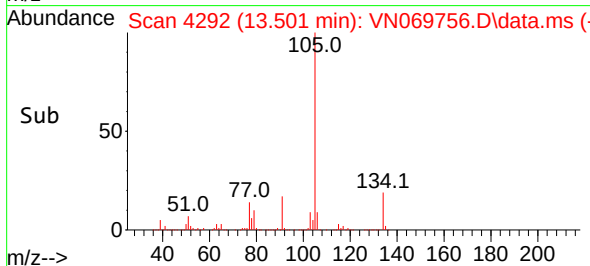
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



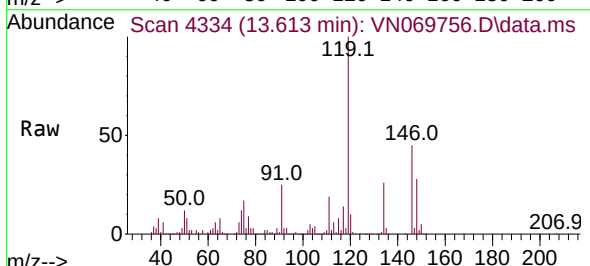
Tgt Ion:105 Resp: 309262
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

Manual Integrations
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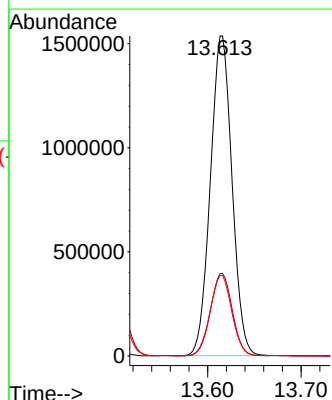
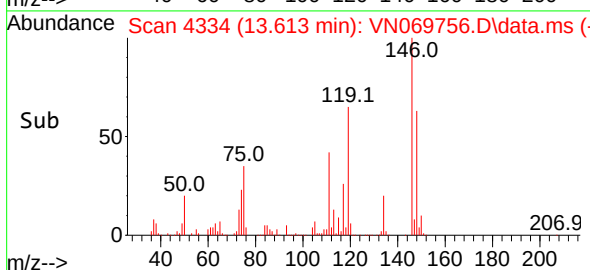
Reviewed By :John Carlone 12/04/2021
 Supervised By :Mahesh Dadoda 12/06/2021

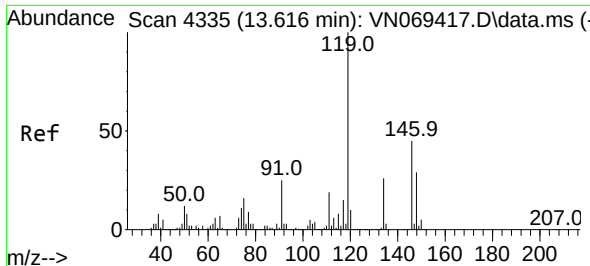


#86
 p-Isopropyltoluene
 Concen: 51.383 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. -0.003 min
 Lab File: VN069756.D
 Acq: 4 Dec 2021 8:11



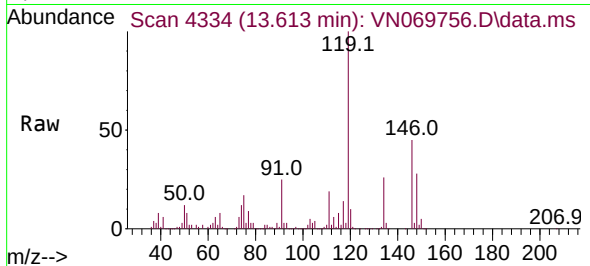
Tgt Ion:119 Resp: 2470959
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.6 40.7
 91 25.3 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 49.631 ug/l
RT: 13.613 min Scan# 4335
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

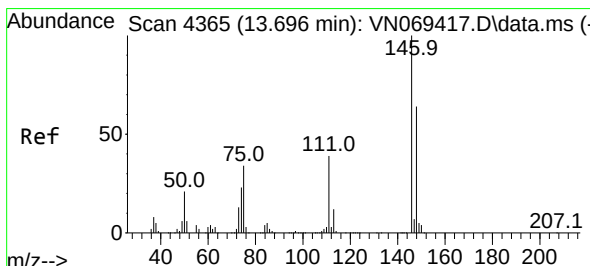
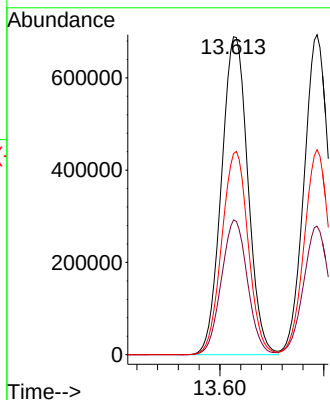
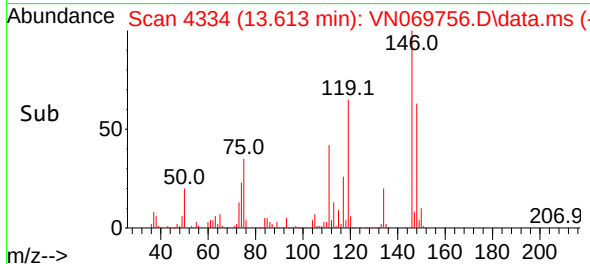
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 121882
Ion Ratio Lower Upper
146 100
111 41.9 18.6 55.6
148 63.8 31.6 95.0

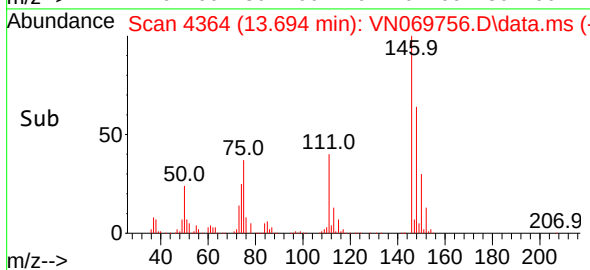
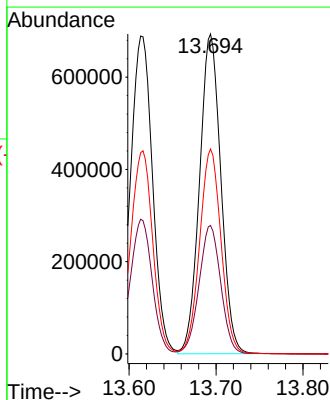
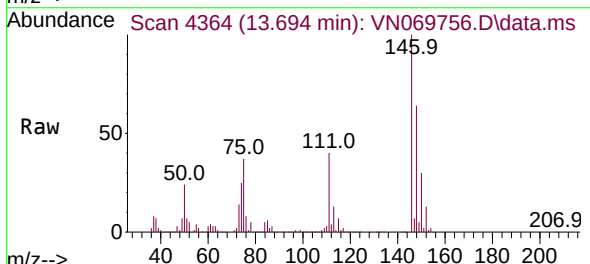
Manual Integrations
APPROVED

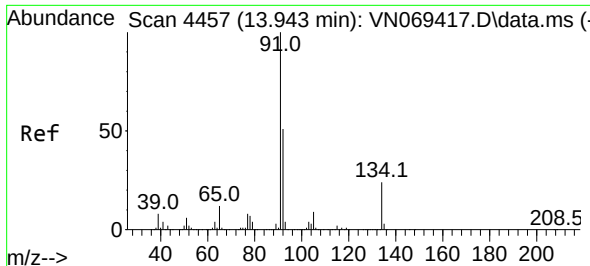
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#88
1,4-Dichlorobenzene
Concen: 48.956 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

Tgt Ion:146 Resp: 1181483
Ion Ratio Lower Upper
146 100
111 40.6 18.3 54.8
148 64.1 31.8 95.4





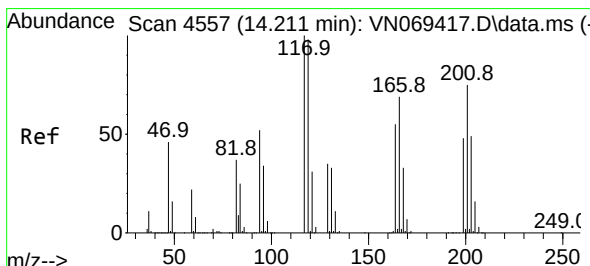
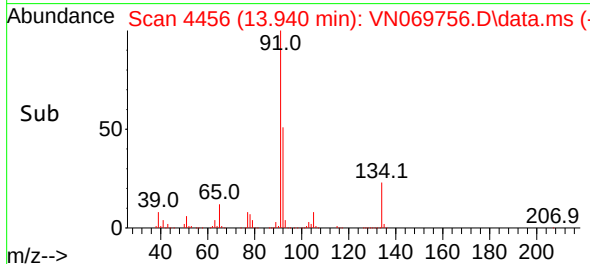
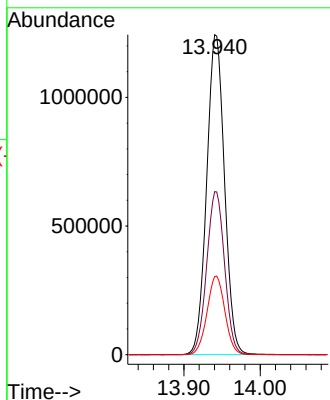
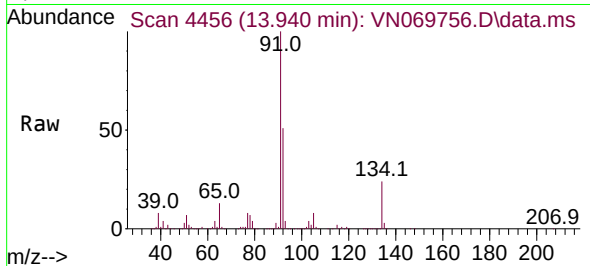
#89
n-Butylbenzene
Concen: 51.572 ug/l
RT: 13.940 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 201178
Ion Ratio Lower Upper
91 100
92 51.4 25.4 76.0
134 24.8 13.6 40.8

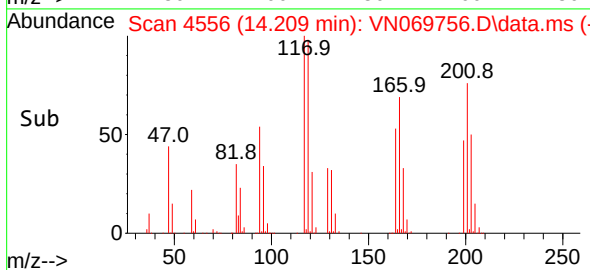
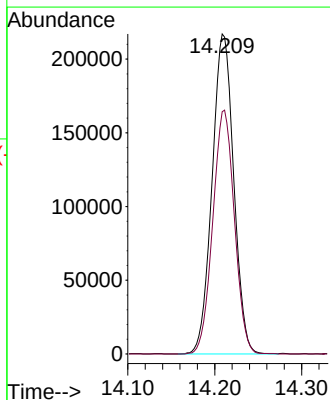
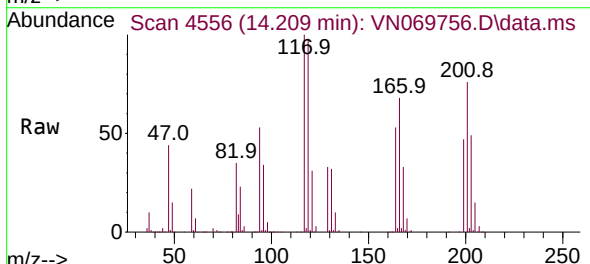
Manual Integrations
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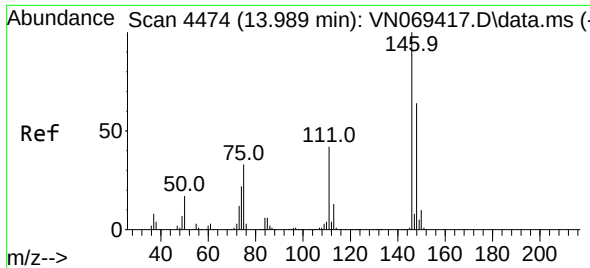
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#90
Hexachloroethane
Concen: 44.447 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

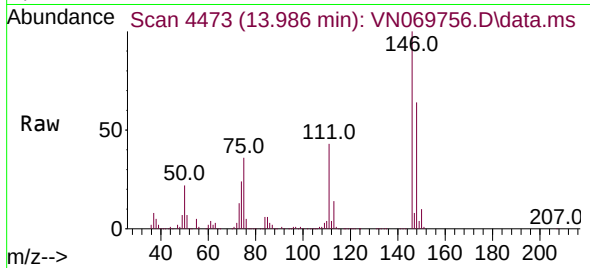
Tgt Ion:117 Resp: 375268
Ion Ratio Lower Upper
117 100
201 76.1 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 49.705 ug/l
RT: 13.986 min Scan# 4474
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

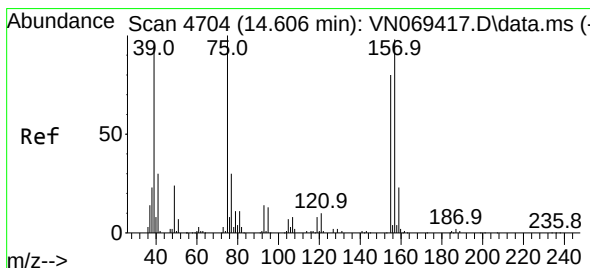
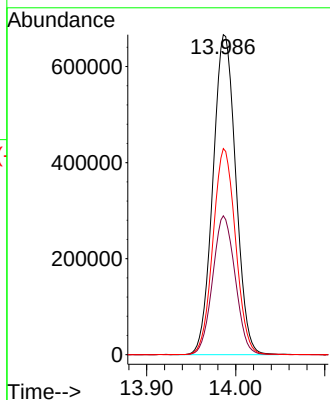
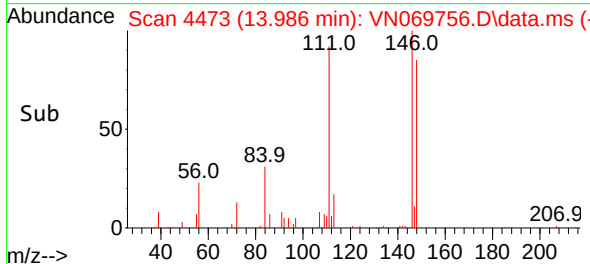
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 118933
Ion Ratio Lower Upper
146 100
111 42.7 19.1 57.3
148 63.7 32.1 96.3

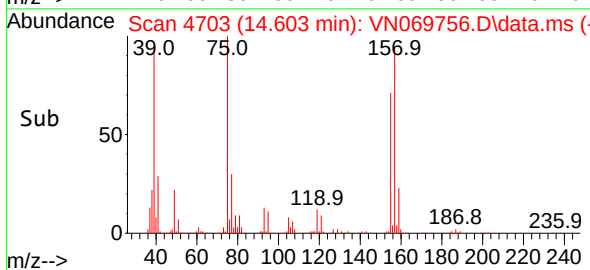
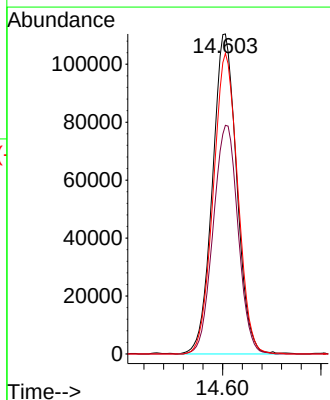
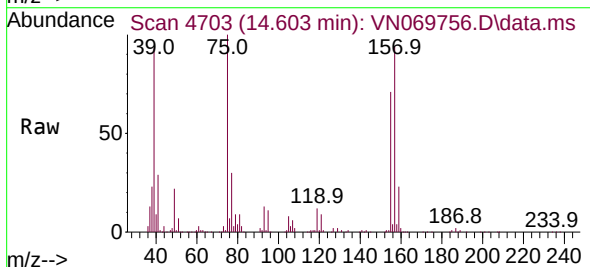
Manual Integrations
APPROVED

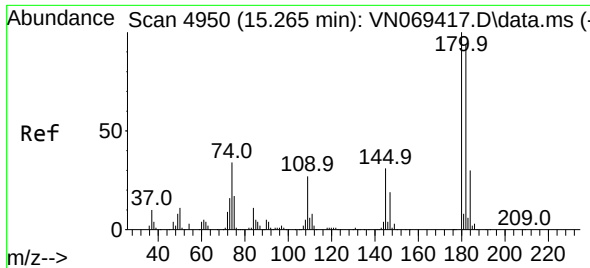
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.573 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

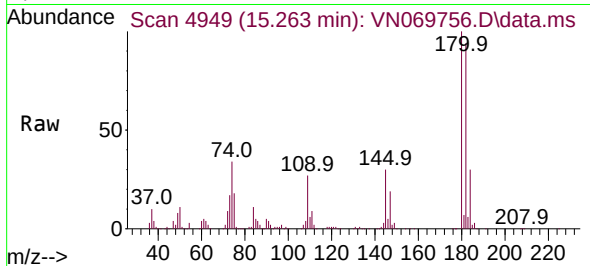
Tgt Ion: 75 Resp: 189184
Ion Ratio Lower Upper
75 100
155 73.2 46.9 140.7
157 94.8 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 48.329 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

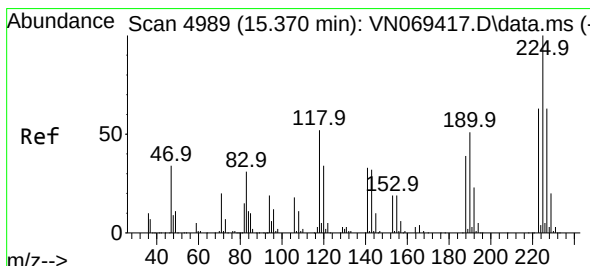
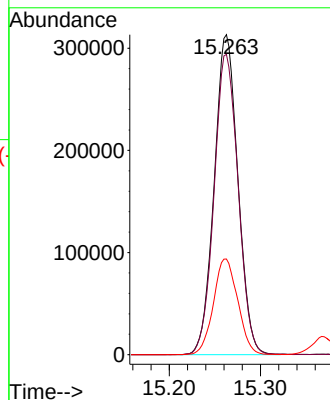
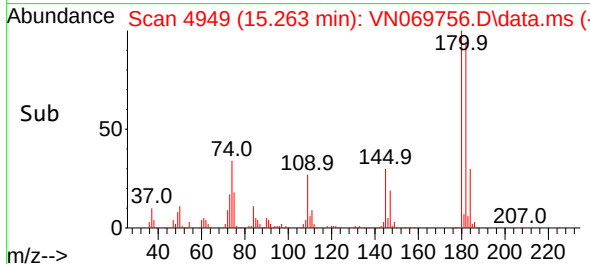
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



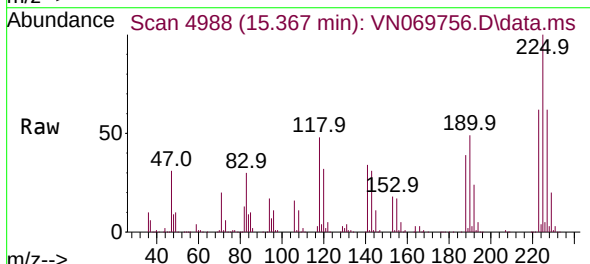
Tgt Ion:180 Resp: 565969
Ion Ratio Lower Upper
180 100
182 95.2 48.3 144.9
145 30.8 14.5 43.5

Manual Integrations
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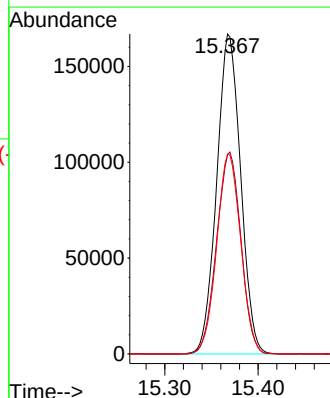
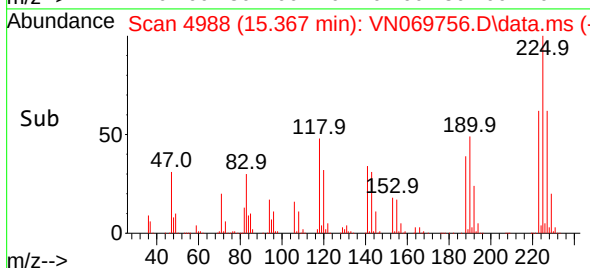
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

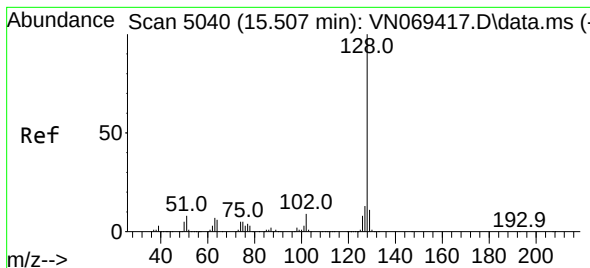


#94
Hexachlorobutadiene
Concen: 46.983 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11



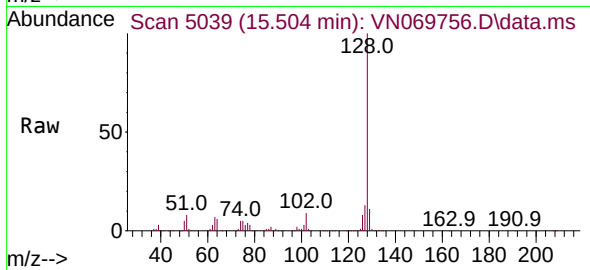
Tgt Ion:225 Resp: 297940
Ion Ratio Lower Upper
225 100
223 64.0 31.9 95.7
227 62.9 32.1 96.3





#95
Naphthalene
Concen: 47.995 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11

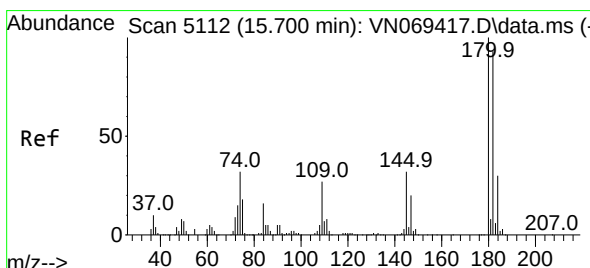
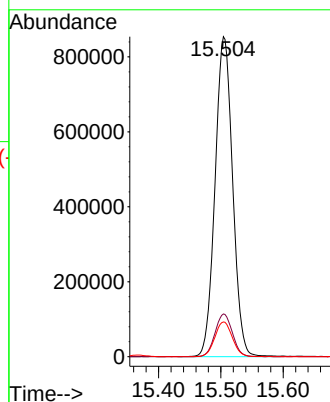
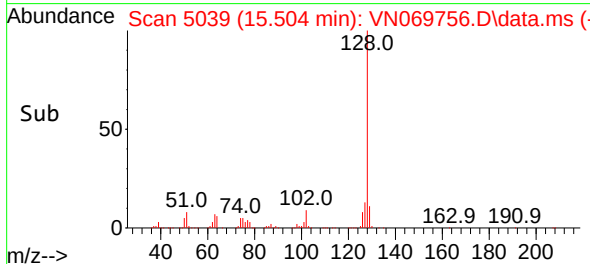
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



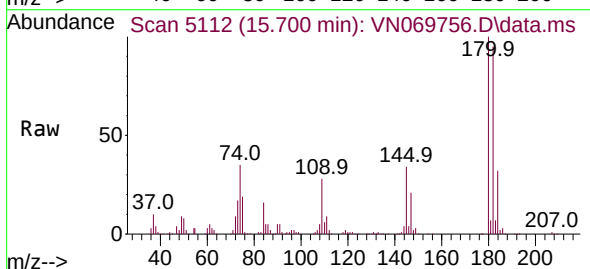
Tgt Ion:128 Resp: 1671669
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#96
1,2,3-Trichlorobenzene
Concen: 49.134 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069756.D
Acq: 4 Dec 2021 8:11



Tgt Ion:180 Resp: 561461
Ion Ratio Lower Upper
180 100
182 96.1 47.4 142.2
145 33.3 15.0 45.1

