

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069878.D
 Acq On : 8 Dec 2021 22:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 09 11:49:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/10/2021
 Supervised By : Mahesh Dadoda 12/15/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1026204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1721667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1628398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	689115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	803232	50.694	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.380%			
35) Dibromofluoromethane	8.021	113	545735	50.605	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.220%			
50) Toluene-d8	10.441	98	2186353	50.491	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.980%			
62) 4-Bromofluorobenzene	12.728	95	809810	51.622	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	624517	52.177	ug/l	99
3) Chloromethane	2.303	50	756237	50.432	ug/l	99
4) Vinyl Chloride	2.448	62	717955	52.071	ug/l	99
5) Bromomethane	2.842	94	403740	53.898	ug/l	100
6) Chloroethane	3.014	64	434466	51.421	ug/l	97
7) Trichlorofluoromethane	3.376	101	929509	51.365	ug/l	99
8) Diethyl Ether	3.824	74	372494	53.445	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.208	101	542343	53.465	ug/l	95
10) Methyl Iodide	4.420	142	729971	52.676	ug/l	97
11) Tert butyl alcohol	5.377	59	624668	208.569	ug/l	99
12) 1,1-Dichloroethene	4.181	96	511817	52.360	ug/l	88
13) Acrolein	4.039	56	809747	317.483	ug/l	100
14) Allyl chloride	4.841	41	1169655	53.102	ug/l	93
15) Acrylonitrile	5.554	53	2014536	249.618	ug/l	99
16) Acetone	4.285	43	1900952	199.444	ug/l	96
17) Carbon Disulfide	4.529	76	1291590	51.145	ug/l	99
18) Methyl Acetate	4.854	43	1436803	49.942	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	2027476	53.344	ug/l	95
20) Methylene Chloride	5.095	84	643023	50.749	ug/l #	84
21) trans-1,2-Dichloroethene	5.597	96	551749	51.968	ug/l	86
22) Diisopropyl ether	6.495	45	2414829	56.090	ug/l #	95
23) Vinyl Acetate	6.434	43	9876485	281.979	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	1226814	55.010	ug/l	98
25) 2-Butanone	7.335	43	2956431	228.292	ug/l	90
26) 2,2-Dichloropropane	7.327	77	902221	52.032	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	674451	52.579	ug/l	86
28) Bromochloromethane	7.657	49	579936	50.007	ug/l #	77
29) Tetrahydrofuran	7.683	42	1925831	244.902	ug/l	88
30) Chloroform	7.818	83	1215445	53.964	ug/l	99
31) Cyclohexane	8.094	56	1129356	51.218	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	1032883	53.837	ug/l	95
36) 1,1-Dichloropropene	8.223	75	879965	53.690	ug/l	96
37) Ethyl Acetate	7.413	43	1188792	48.733	ug/l	95
38) Carbon Tetrachloride	8.206	117	872048	54.258	ug/l	99
39) Methylcyclohexane	9.459	83	1034175	53.048	ug/l	88
40) Benzene	8.459	78	2662826	53.153	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	606530	52.966	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	1078042	53.307	ug/l	96
43) Isopropyl Acetate	8.560	43	1927361	53.391	ug/l #	92
44) Trichloroethene	9.218	130	624903	52.262	ug/l	93
45) 1,2-Dichloropropane	9.488	63	735111	54.643	ug/l	100
46) Dibromomethane	9.577	93	469007	53.158	ug/l	93
47) Bromodichloromethane	9.762	83	933630	55.890	ug/l	99
48) Methyl methacrylate	9.558	41	892687	52.989	ug/l	88
49) 1,4-Dioxane	9.569	88	245335	811.615	ug/l #	80
51) 4-Methyl-2-Pentanone	10.331	43	6161323	263.096	ug/l	95
52) Toluene	10.505	92	1657291	54.186	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	1004715	49.999	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	1089413	51.591	ug/l #	90
55) 1,1,2-Trichloroethane	10.896	97	659876	53.473	ug/l	98
56) Ethyl methacrylate	10.760	69	1140787	49.039	ug/l #	87
57) 1,3-Dichloropropane	11.044	76	1189643	54.749	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	1392626	223.575	ug/l	91
59) 2-Hexanone	11.084	43	4361725	246.211	ug/l	92
60) Dibromochloromethane	11.237	129	670622	50.685	ug/l	100
61) 1,2-Dibromoethane	11.344	107	687557	53.792	ug/l	98
64) Tetrachloroethene	10.977	164	552864	50.071	ug/l	95
65) Chlorobenzene	11.768	112	1745983	52.852	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.841	131	644696	55.446	ug/l	100
67) Ethyl Benzene	11.843	91	3300657	55.004	ug/l	96
68) m/p-Xylenes	11.950	106	2400829	109.881	ug/l	91
69) o-Xylene	12.280	106	1205510	54.775	ug/l	91
70) Styrene	12.294	104	1980316	56.745	ug/l	96
71) Bromoform	12.457	173	489506	49.264	ug/l #	100
73) Isopropylbenzene	12.578	105	3175628	51.795	ug/l	99
74) N-amyl acetate	12.388	43	1422037	52.445	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1051939	49.616	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	1015496m	51.386	ug/l	
77) Bromobenzene	12.860	156	732563	50.868	ug/l	79
78) n-propylbenzene	12.919	91	3660490	53.652	ug/l	96
79) 2-Chlorotoluene	13.007	91	2241023	51.983	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2614413	52.978	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.624	75	291039	48.346	ug/l	95
82) 4-Chlorotoluene	13.104	91	2140752	52.803	ug/l	93
83) tert-Butylbenzene	13.324	119	2300456	52.646	ug/l	93
84) 1,2,4-Trimethylbenzene	13.367	105	2561976	54.513	ug/l	98
85) sec-Butylbenzene	13.501	105	3179626	53.646	ug/l	97
86) p-Isopropyltoluene	13.613	119	2528098	54.568	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1219539	51.546	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	1180353	50.767	ug/l	97
89) n-Butylbenzene	13.943	91	2038531	54.242	ug/l	97
90) Hexachloroethane	14.209	117	452058	55.576	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1183299	51.331	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	185398	48.392	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	527229	46.826	ug/l	97
94) Hexachlorobutadiene	15.370	225	316271	51.768	ug/l	99
95) Naphthalene	15.507	128	1371016	41.451	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	508025	46.295	ug/l	98

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ClientSampleId :
 VSTDCCC050

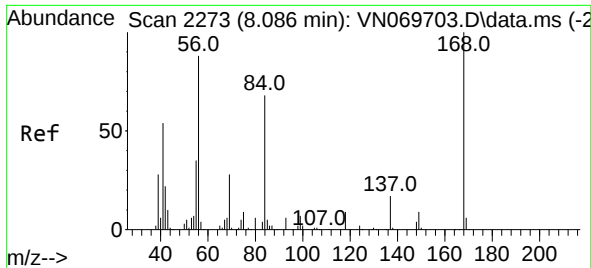
Manual Integrations
APPROVED

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



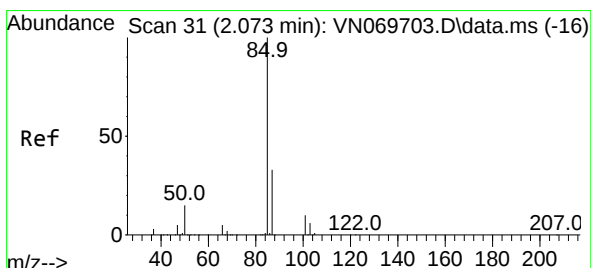
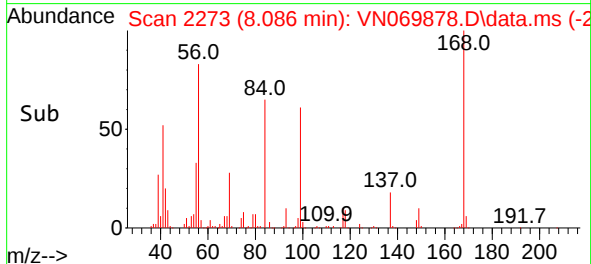
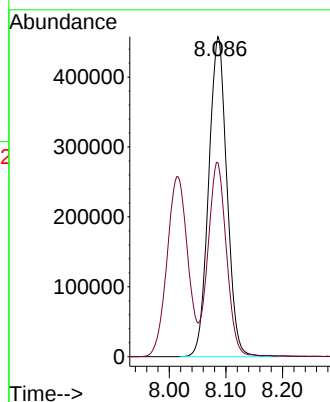
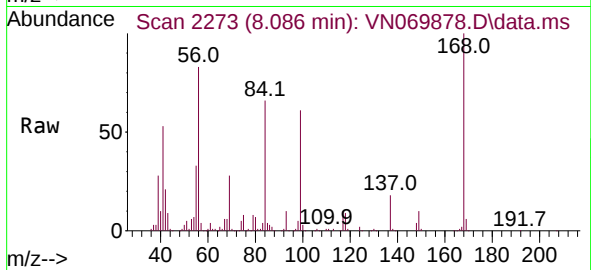
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 1026204
Ion Ratio Lower Upper
168 100
99 60.4 41.3 61.9

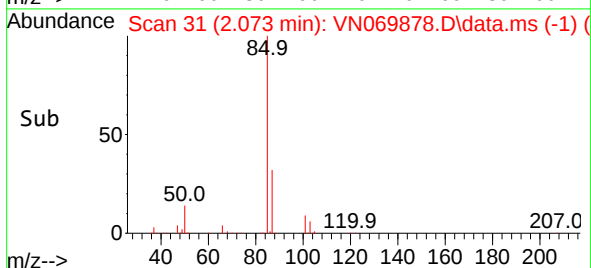
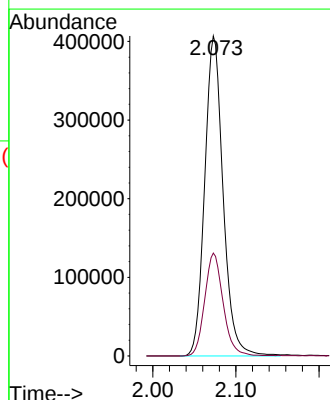
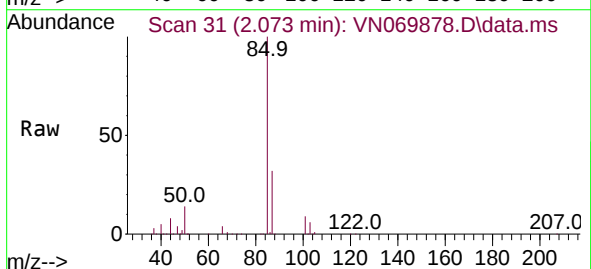
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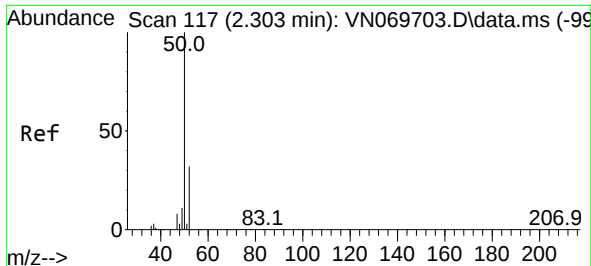
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#2
Dichlorodifluoromethane
Concen: 52.177 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

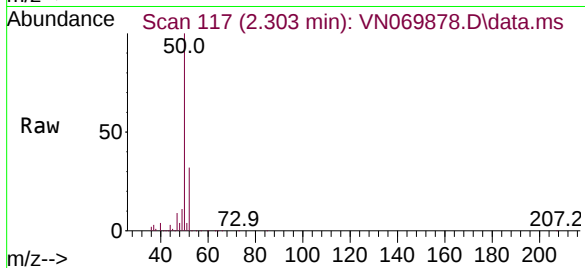
Tgt Ion: 85 Resp: 624517
Ion Ratio Lower Upper
85 100
87 32.1 16.3 48.9





#3
Chloromethane
Concen: 50.432 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

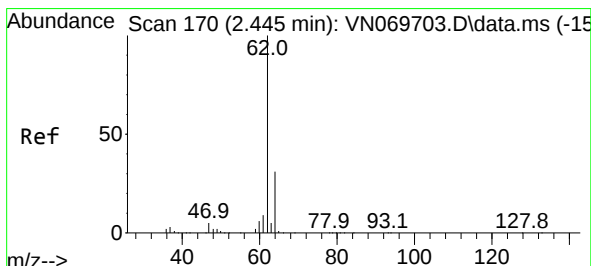
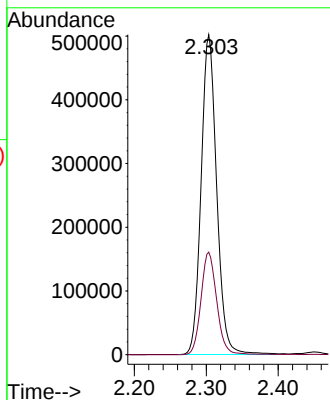
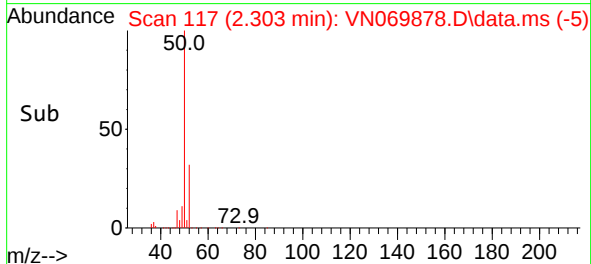
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



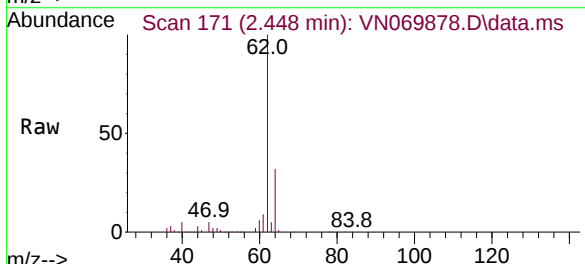
Tgt Ion: 50 Resp: 75623
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.0

Manual Integrations
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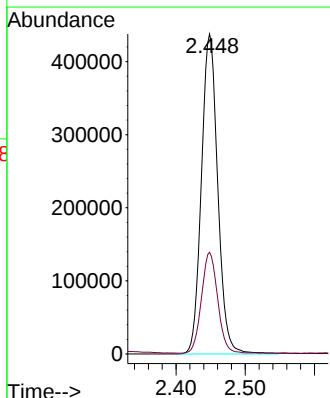
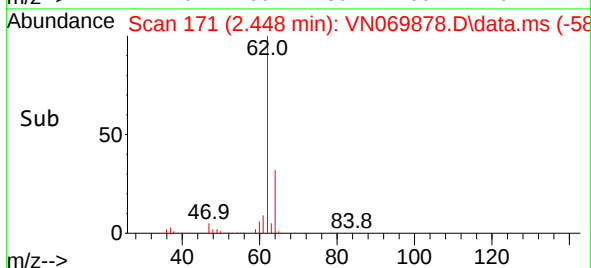
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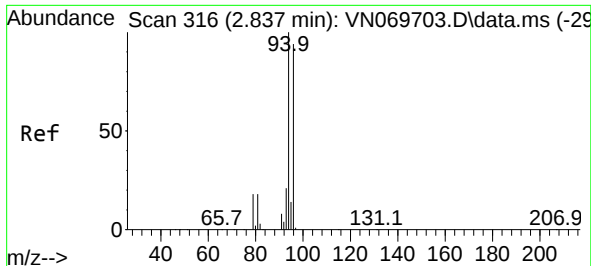


#4
Vinyl Chloride
Concen: 52.071 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51



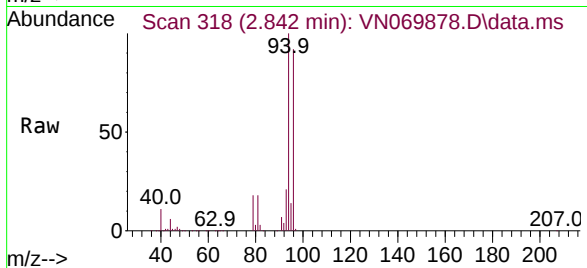
Tgt Ion: 62 Resp: 717955
Ion Ratio Lower Upper
62 100
64 31.6 25.8 38.6





#5
Bromomethane
Concen: 53.898 ug/l
RT: 2.842 min Scan# 316
Delta R.T. 0.006 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

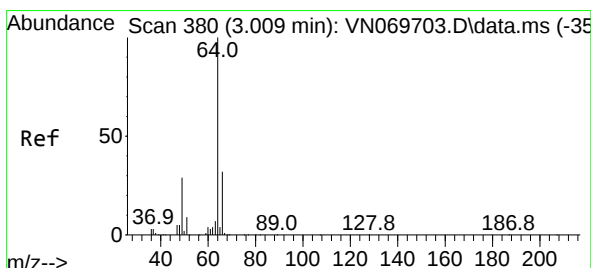
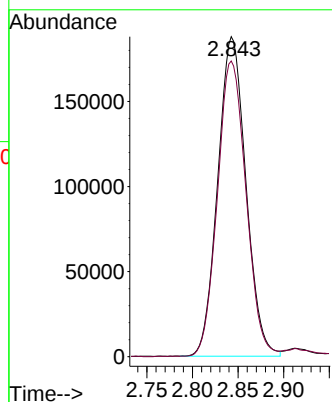
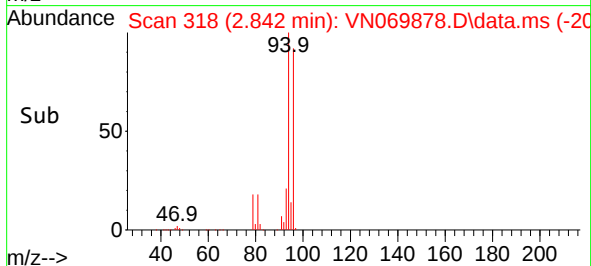
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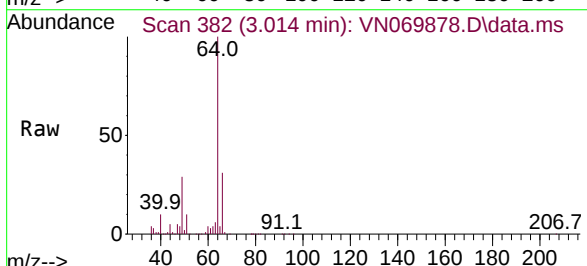
Tgt Ion: 94 Resp: 403740
Ion Ratio Lower Upper
94 100
96 92.4 73.8 110.8

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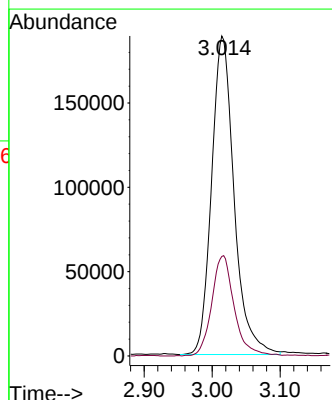
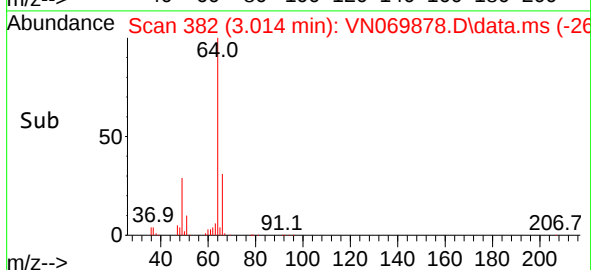
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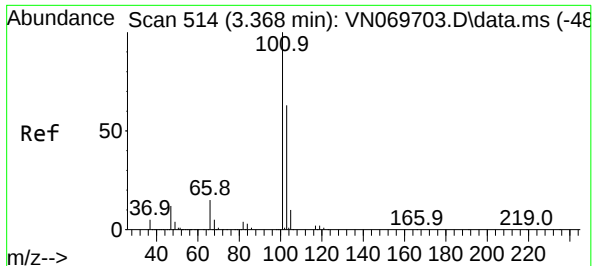


#6
Chloroethane
Concen: 51.421 ug/l
RT: 3.014 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51



Tgt Ion: 64 Resp: 434466
Ion Ratio Lower Upper
64 100
66 31.1 26.3 39.5





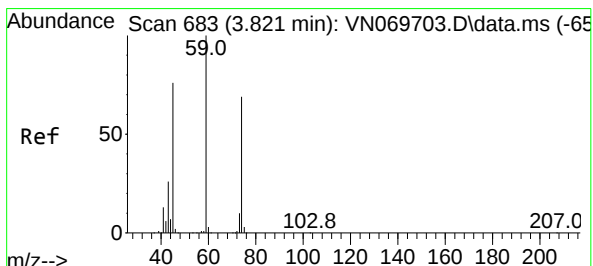
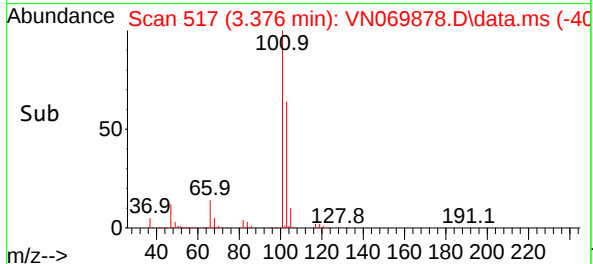
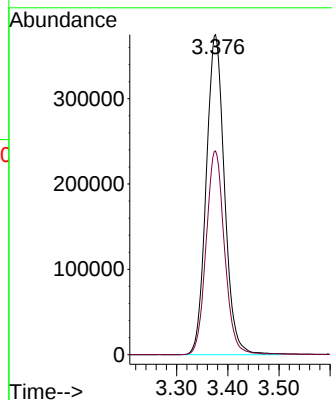
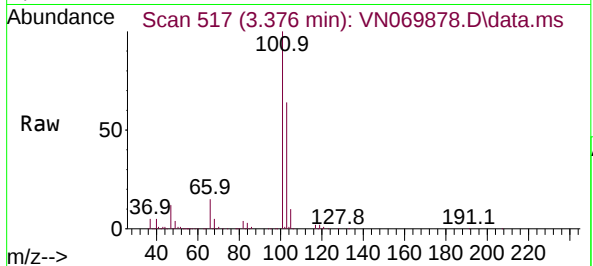
#7
Trichlorofluoromethane
Concen: 51.365 ug/l
RT: 3.376 min Scan# 514
Delta R.T. 0.008 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 929509
Ion Ratio Lower Upper
101 100
103 63.7 50.1 75.1

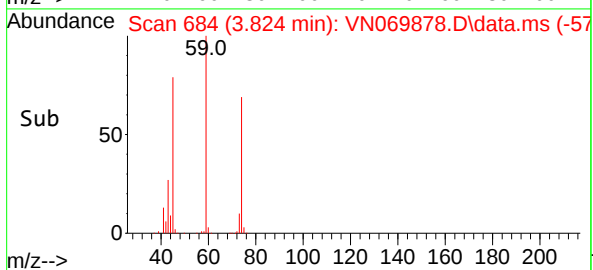
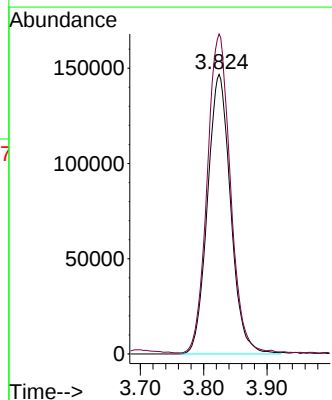
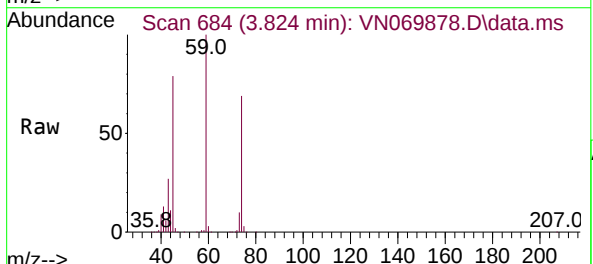
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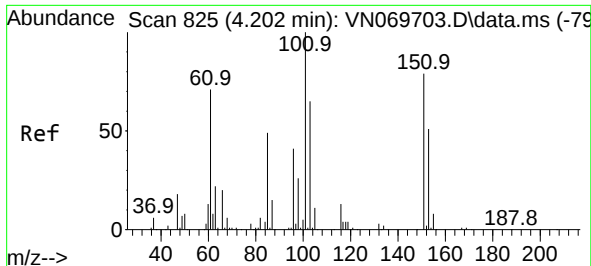
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#8
Diethyl Ether
Concen: 53.445 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

Tgt Ion: 74 Resp: 372494
Ion Ratio Lower Upper
74 100
45 113.8 47.0 141.2





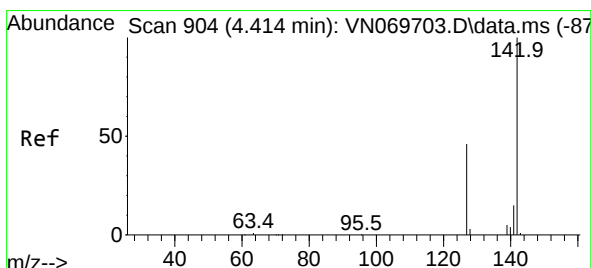
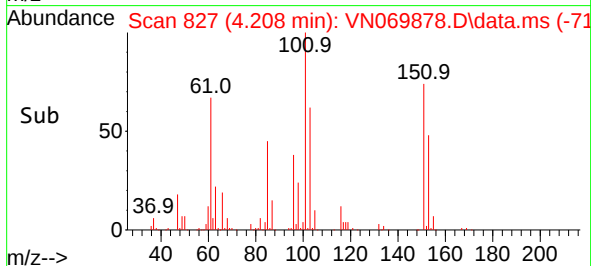
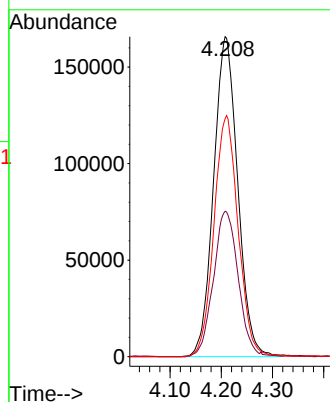
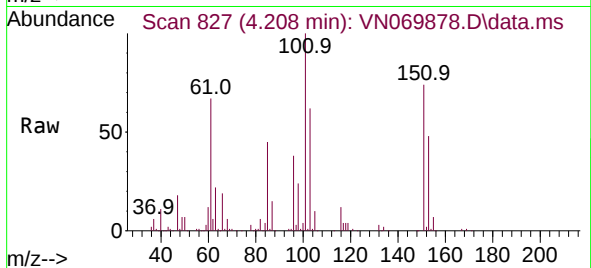
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.465 ug/l
RT: 4.208 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 54234
Ion Ratio Lower Upper
101 100
85 46.7 37.2 55.8
151 75.4 65.9 98.9

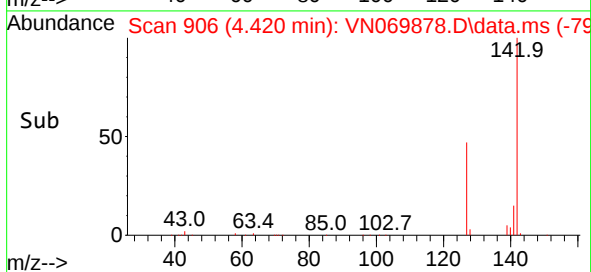
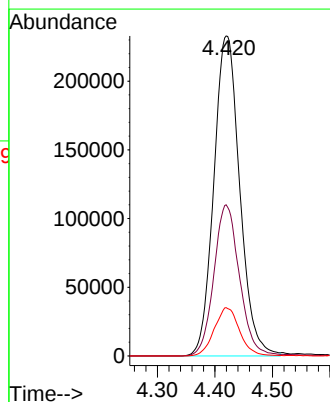
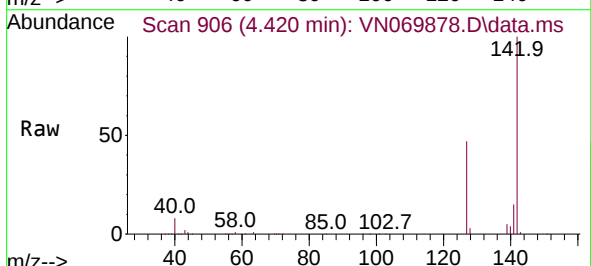
Manual Integrations
APPROVED

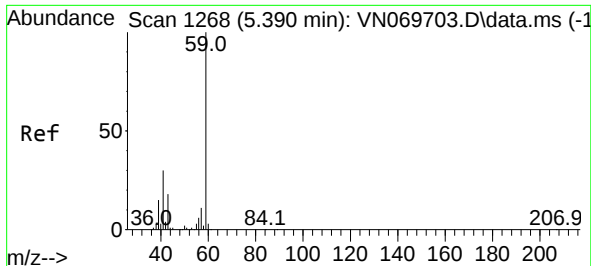
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#10
Methyl Iodide
Concen: 52.676 ug/l
RT: 4.420 min Scan# 906
Delta R.T. 0.006 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

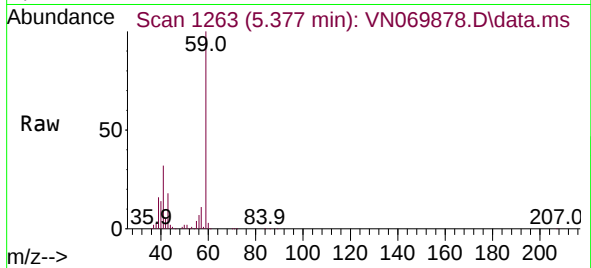
Tgt Ion:142 Resp: 729971
Ion Ratio Lower Upper
142 100
127 46.7 35.4 53.0
141 14.8 11.6 17.4





#11
Tert butyl alcohol
Concen: 208.569 ug/l
RT: 5.377 min Scan# 11
Delta R.T. -0.013 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

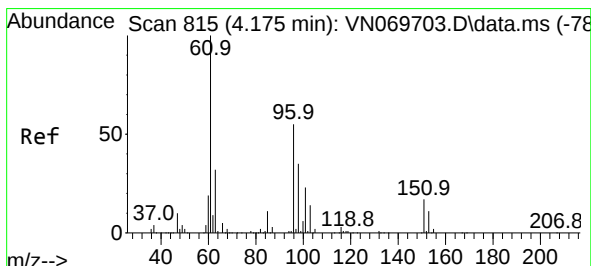
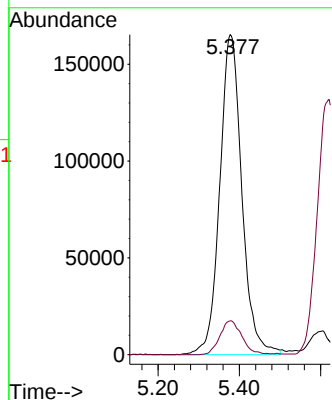
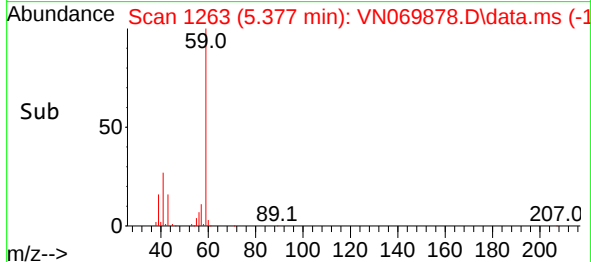
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



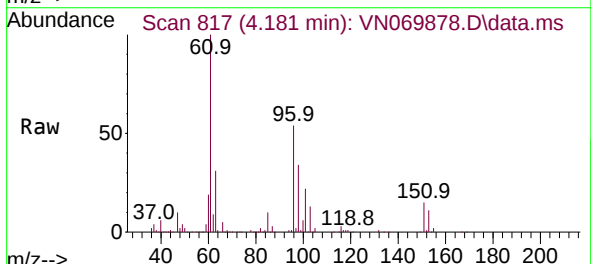
Tgt Ion: 59 Resp: 62466
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

Manual Integrations
APPROVED

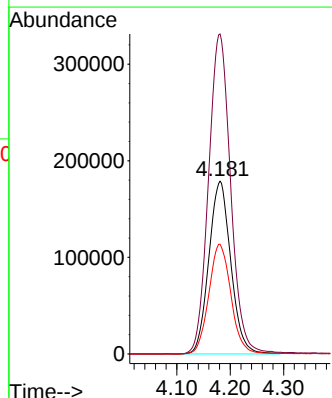
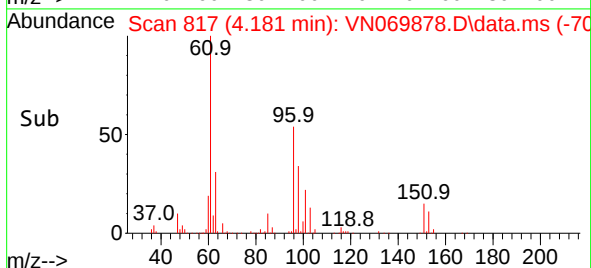
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#12
1,1-Dichloroethene
Concen: 52.360 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.006 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51



Tgt Ion: 96 Resp: 511817
Ion Ratio Lower Upper
96 100
61 185.1 131.0 196.6
98 63.5 52.4 78.6





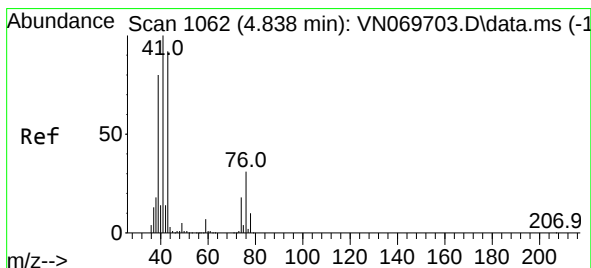
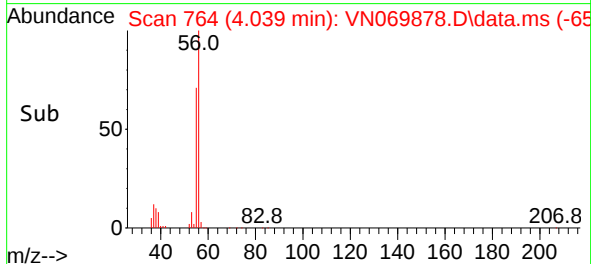
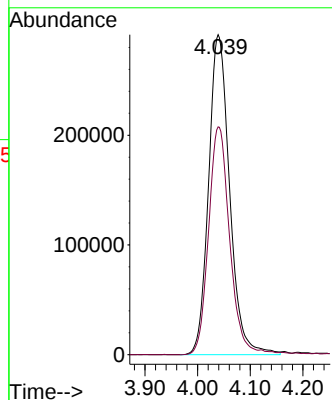
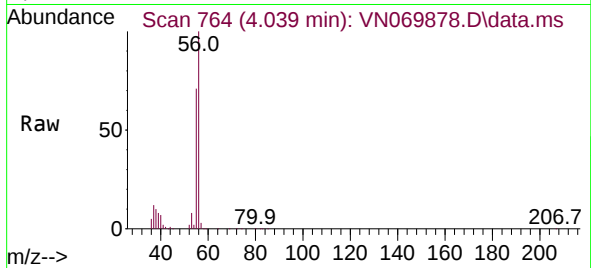
#13
Acrolein
Concen: 317.483 ug/l
RT: 4.039 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 80974
Ion Ratio Lower Upper
56 100
55 70.6 56.6 85.0

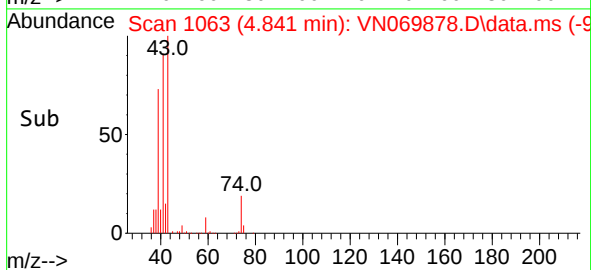
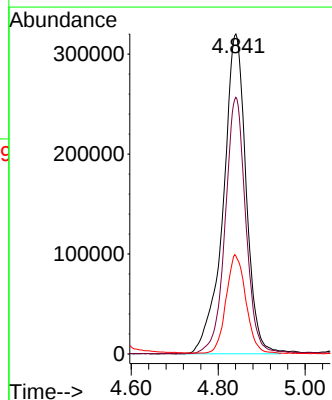
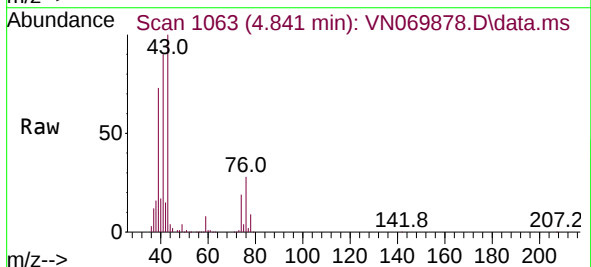
Manual Integrations
APPROVED

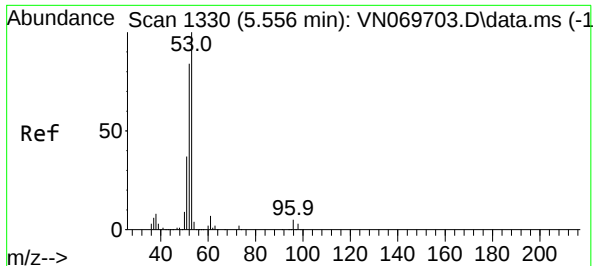
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#14
Allyl chloride
Concen: 53.102 ug/l
RT: 4.841 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

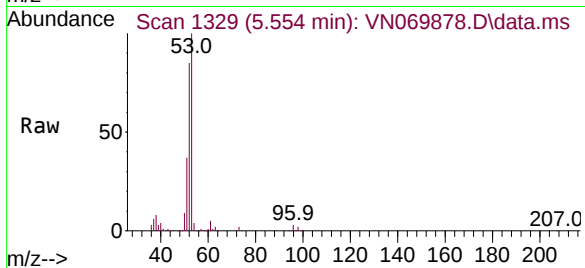
Tgt Ion: 41 Resp: 1169655
Ion Ratio Lower Upper
41 100
39 72.2 61.2 91.8
76 26.5 26.0 39.0





#15
Acrylonitrile
Concen: 249.618 ug/l
RT: 5.554 min Scan# 1330
Delta R.T. -0.002 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

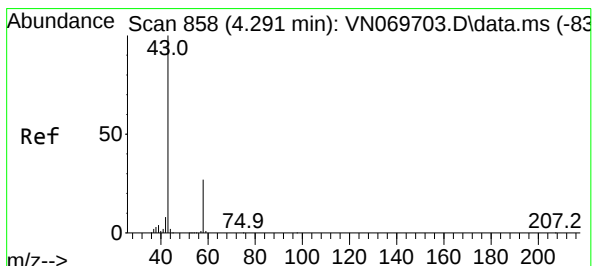
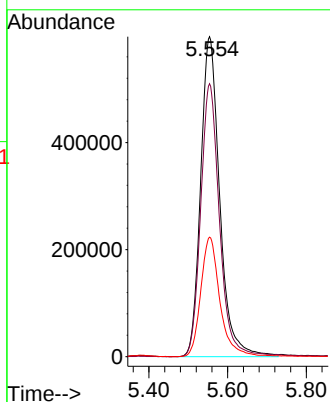
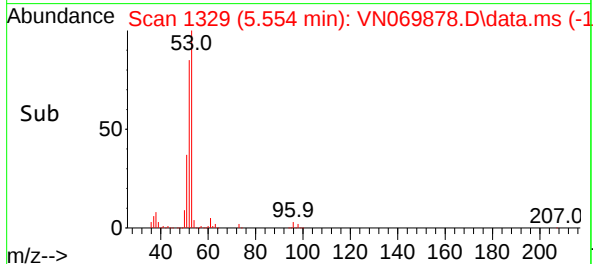
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 2014530
Ion Ratio Lower Upper
53 100
52 84.0 66.2 99.2
51 37.4 29.6 44.4

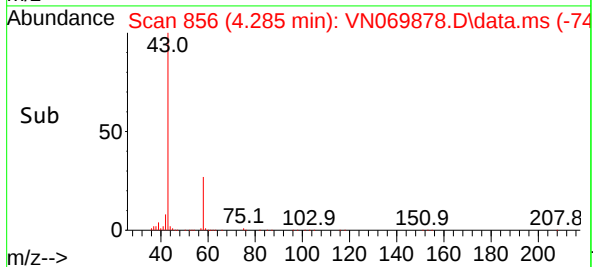
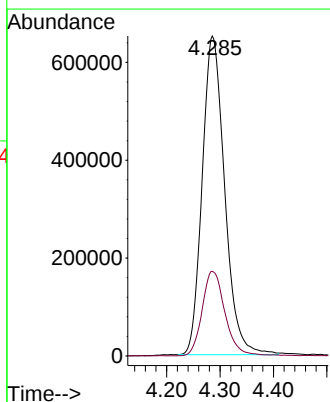
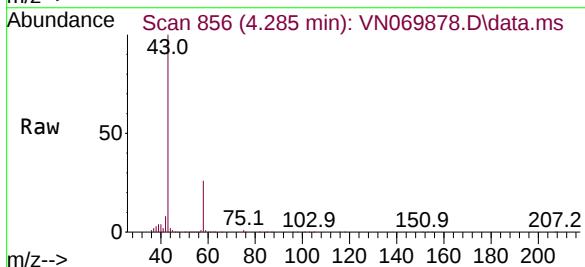
Manual Integrations
APPROVED

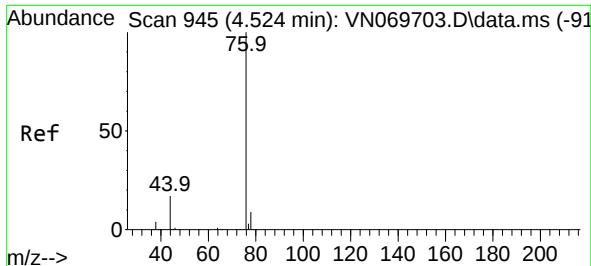
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#16
Acetone
Concen: 199.444 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.005 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

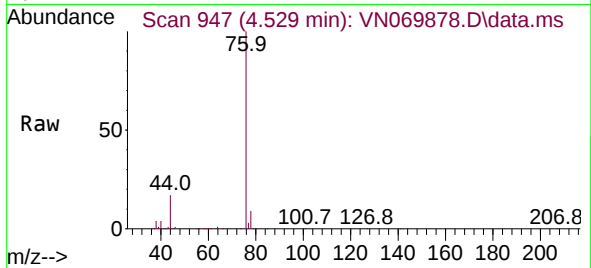
Tgt Ion: 43 Resp: 1900952
Ion Ratio Lower Upper
43 100
58 26.5 23.1 34.7





#17
Carbon Disulfide
Concen: 51.145 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

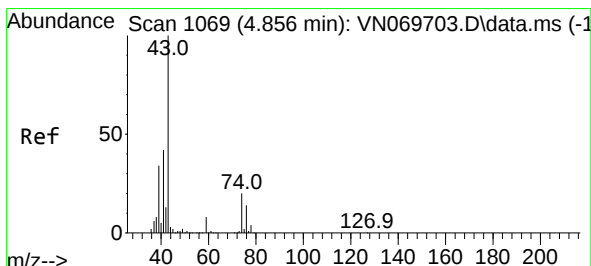
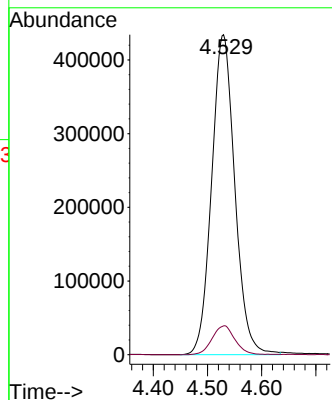
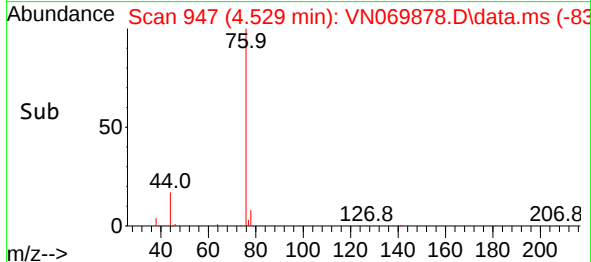
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



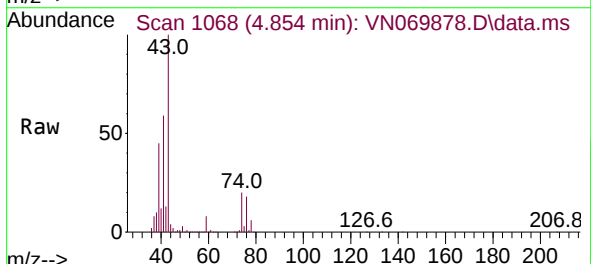
Tgt Ion: 76 Resp: 1291590
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

Manual Integrations
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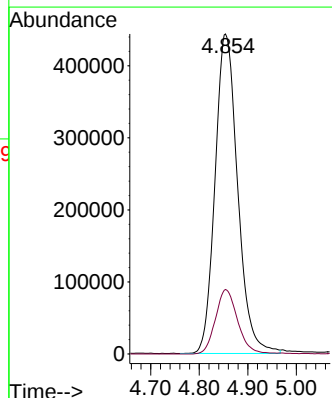
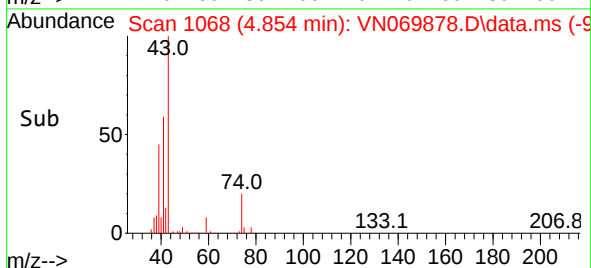
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

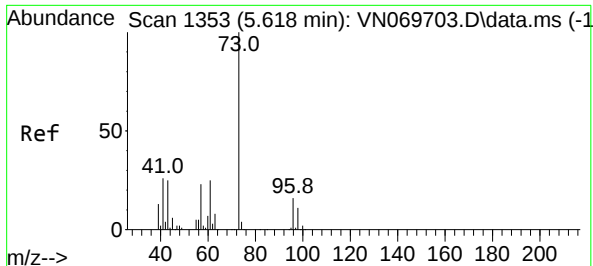


#18
Methyl Acetate
Concen: 49.942 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.002 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51



Tgt Ion: 43 Resp: 1436803
Ion Ratio Lower Upper
43 100
74 19.7 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 53.344 ug/l

RT: 5.618 min Scan# 1157

Delta R.T. 0.000 min

Lab File: VN069878.D

Acq: 8 Dec 2021 22:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 2027470

Ion Ratio Lower Upper

73 100

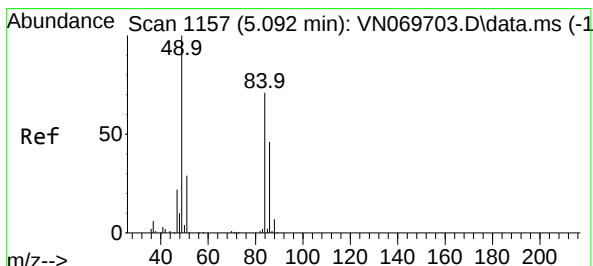
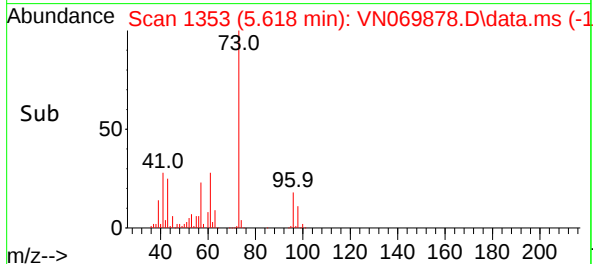
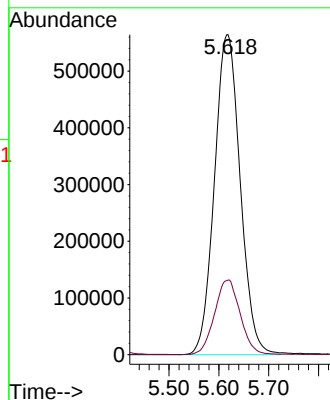
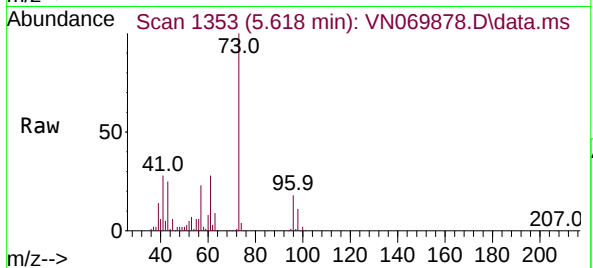
57 23.2 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#20

Methylene Chloride

Concen: 50.749 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.003 min

Lab File: VN069878.D

Acq: 8 Dec 2021 22:51

Tgt Ion: 84 Resp: 643023

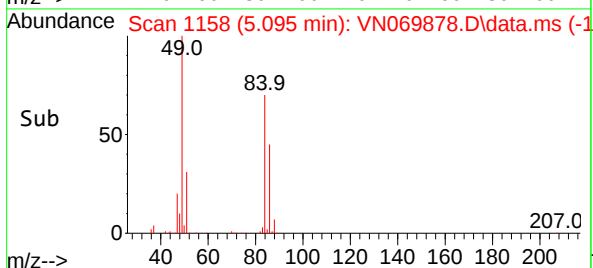
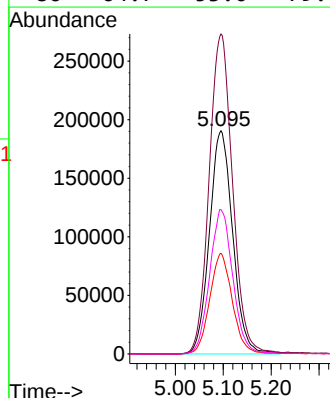
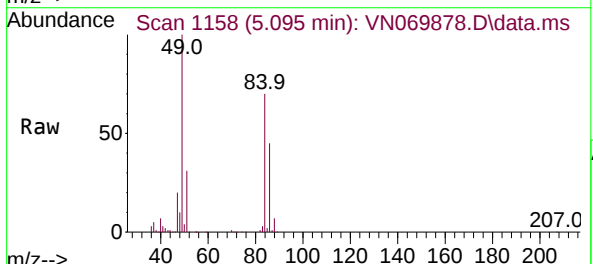
Ion Ratio Lower Upper

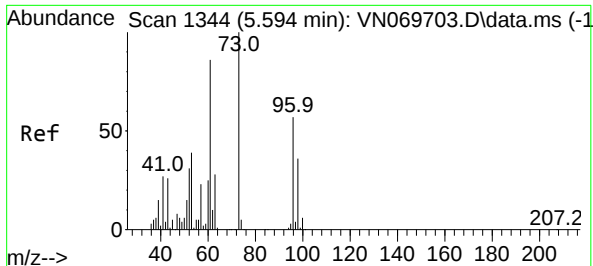
84 100

49 143.2 93.5 140.3#

51 45.1 29.4 44.2#

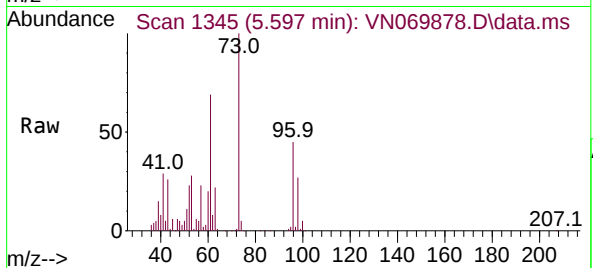
86 64.7 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 51.968 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

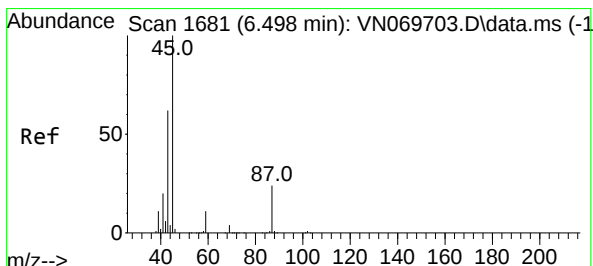
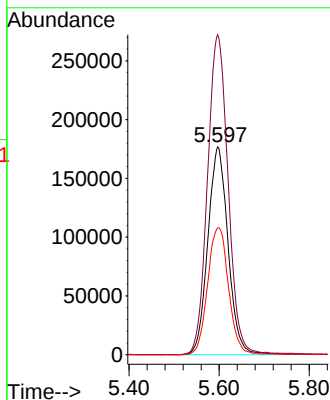
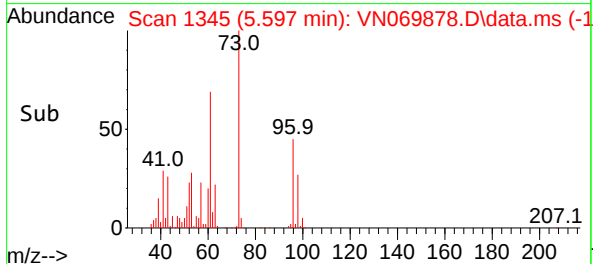
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



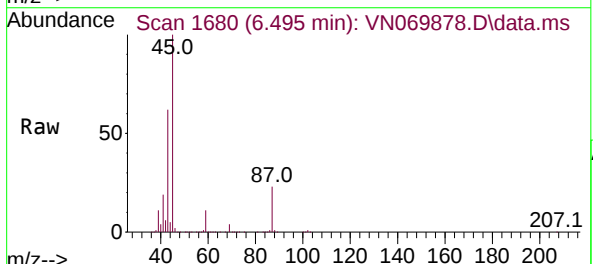
Tgt Ion: 96 Resp: 551749
Ion Ratio Lower Upper
96 100
61 153.9 105.8 158.6
98 61.0 52.0 78.0

Manual Integrations
APPROVED

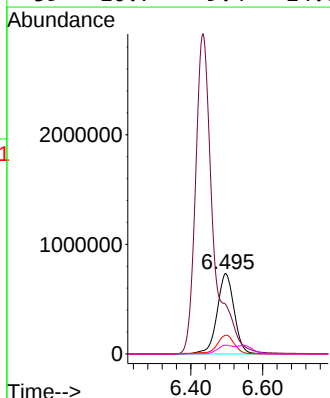
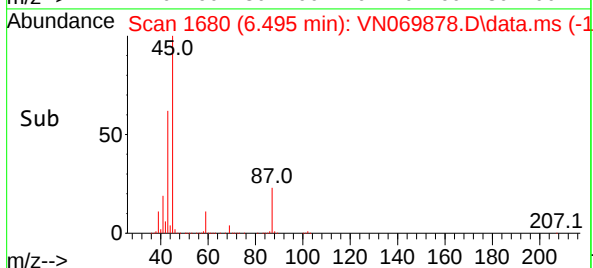
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

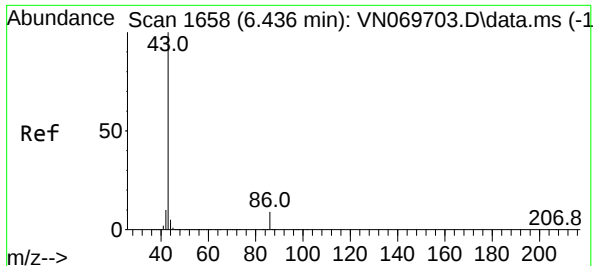


#22
Diisopropyl ether
Concen: 56.090 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.002 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51



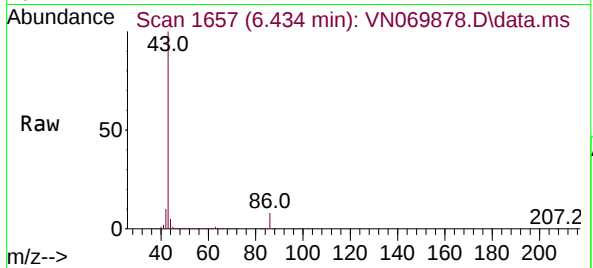
Tgt Ion: 45 Resp: 2414829
Ion Ratio Lower Upper
45 100
43 62.0 51.7 77.5
87 22.9 23.2 34.8#
59 10.7 9.4 14.0





#23
 Vinyl Acetate
 Concen: 281.979 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.002 min
 Lab File: VN069878.D
 Acq: 8 Dec 2021 22:51

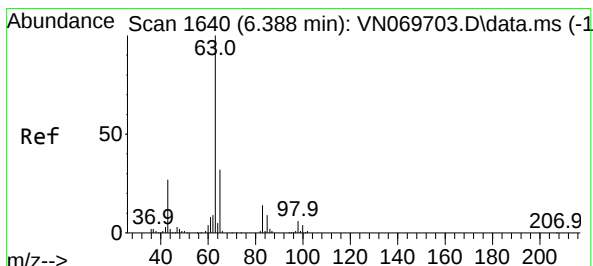
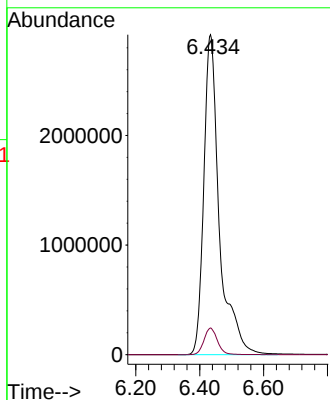
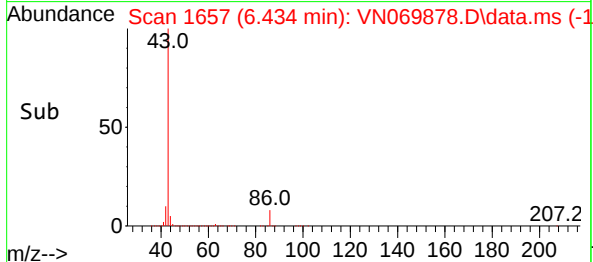
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



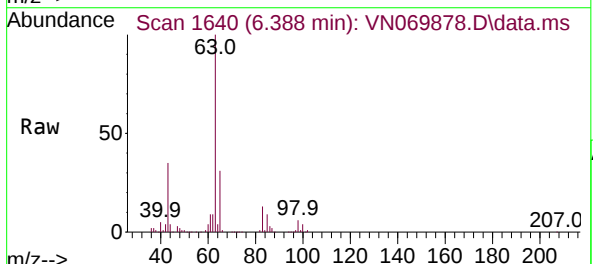
Tgt Ion: 43 Resp: 987648
 Ion Ratio Lower Upper
 43 100
 86 8.4 8.5 12.7

Manual Integrations
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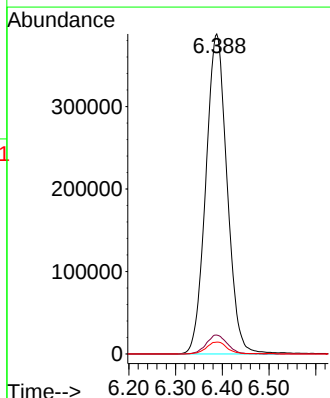
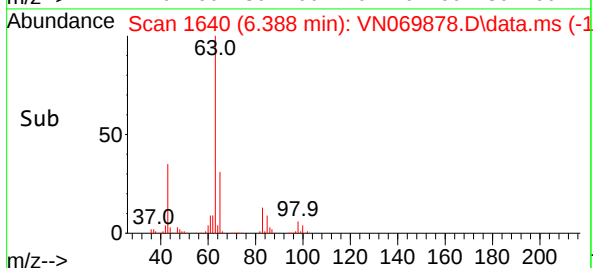
Reviewed By :John Carlone 12/10/2021
 Supervised By :Mahesh Dadoda 12/15/2021

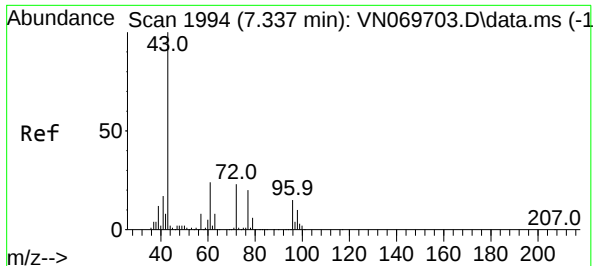


#24
 1,1-Dichloroethane
 Concen: 55.010 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN069878.D
 Acq: 8 Dec 2021 22:51



Tgt Ion: 63 Resp: 1226814
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 3.7 2.1 6.5





#25

2-Butanone

Concen: 228.292 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. -0.002 min

Lab File: VN069878.D

Acq: 8 Dec 2021 22:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 295643

Ion Ratio Lower Upper

43 100

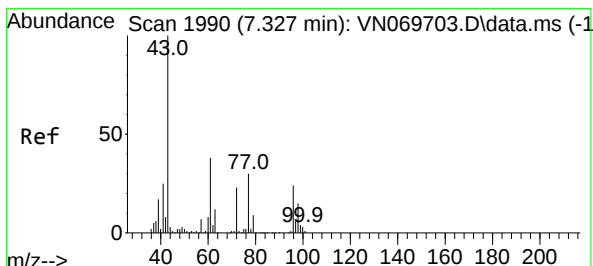
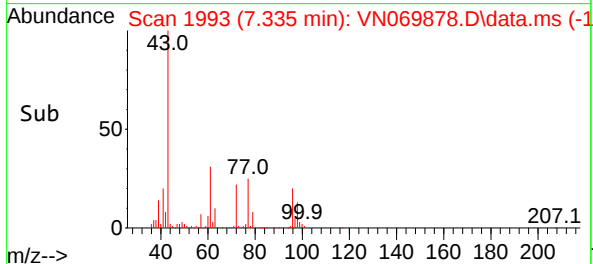
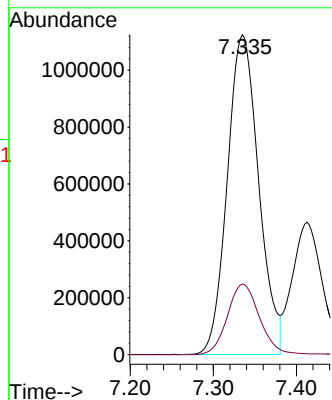
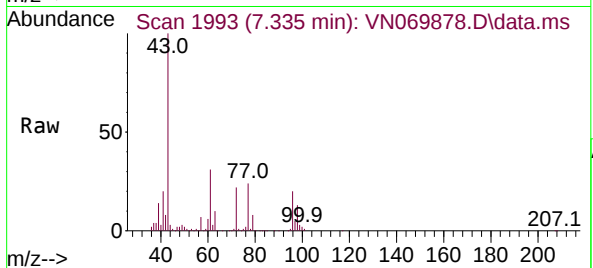
72 22.1 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#26

2,2-Dichloropropane

Concen: 52.032 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN069878.D

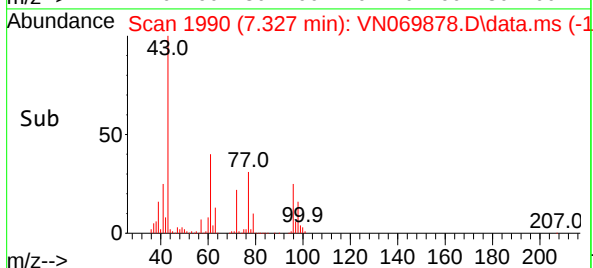
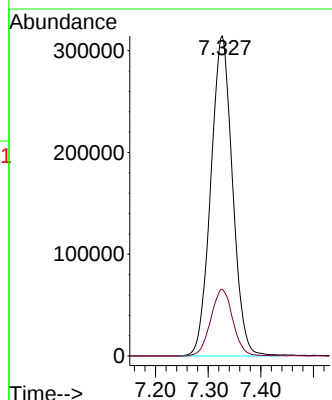
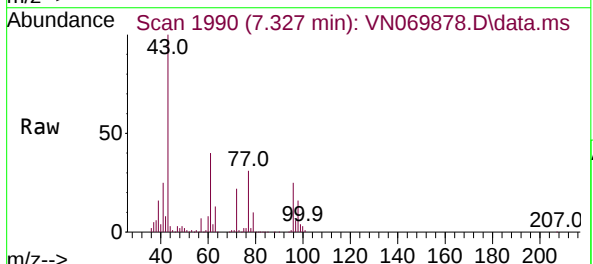
Acq: 8 Dec 2021 22:51

Tgt Ion: 77 Resp: 902221

Ion Ratio Lower Upper

77 100

97 21.1 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 52.579 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN069878.D

Acq: 8 Dec 2021 22:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

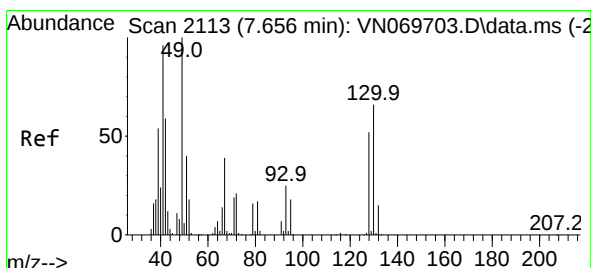
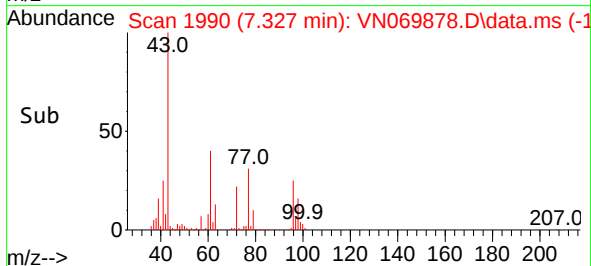
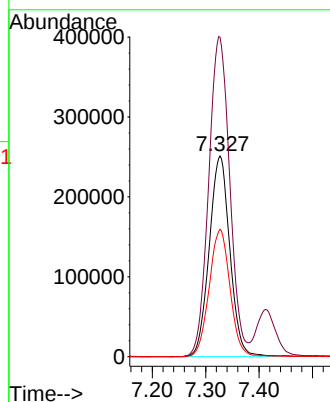
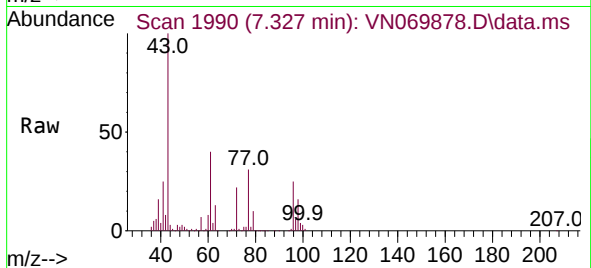
Tgt Ion:	96	Resp:	67445
Ion Ratio	Lower	Upper	
96	100		
61	162.5	0.0	275.0
98	64.2	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#28

Bromochloromethane

Concen: 50.007 ug/l

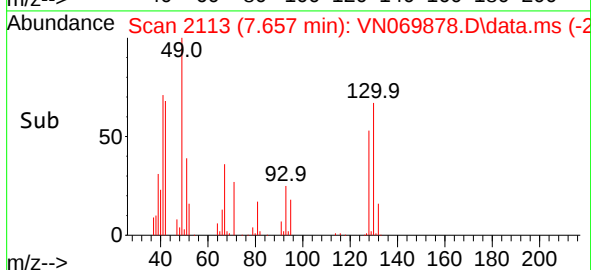
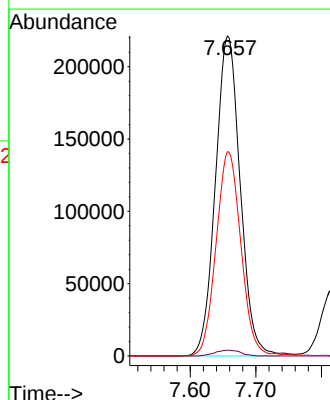
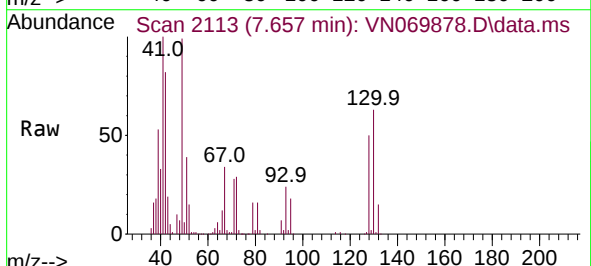
RT: 7.657 min Scan# 2113

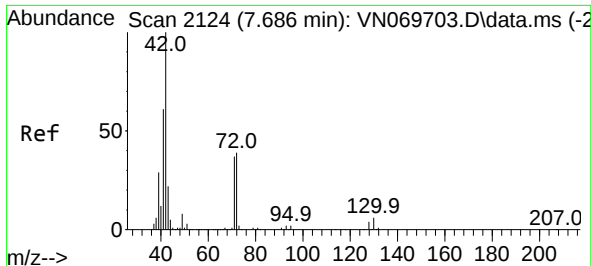
Delta R.T. 0.000 min

Lab File: VN069878.D

Acq: 8 Dec 2021 22:51

Tgt Ion:	49	Resp:	579936
Ion Ratio	Lower	Upper	
49	100		
129	1.9	0.0	4.0
130	63.6	67.8	101.8





#29

Tetrahydrofuran

Concen: 244.902 ug/l

RT: 7.683 min Scan# 2124

Delta R.T. -0.002 min

Lab File: VN069878.D

Acq: 8 Dec 2021 22:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 192583

Ion Ratio Lower Upper

42 100

72 37.3 36.3 54.5

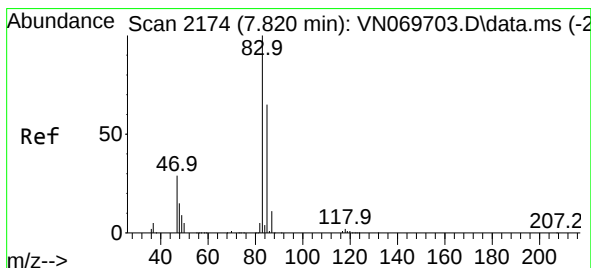
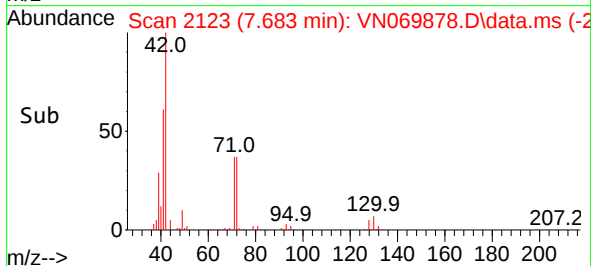
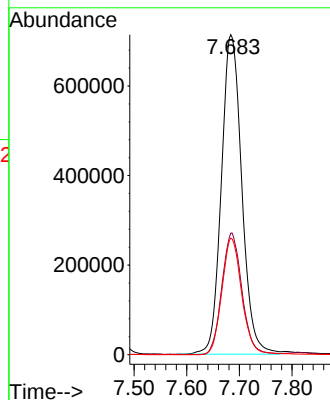
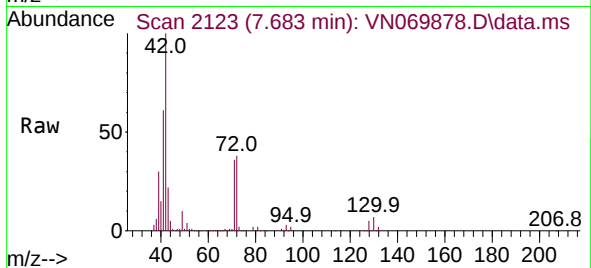
71 35.6 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#30

Chloroform

Concen: 53.964 ug/l

RT: 7.818 min Scan# 2173

Delta R.T. -0.002 min

Lab File: VN069878.D

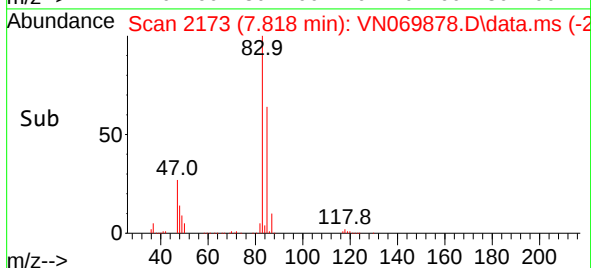
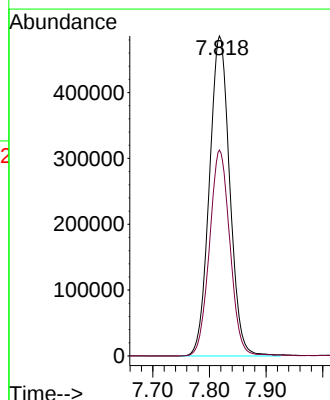
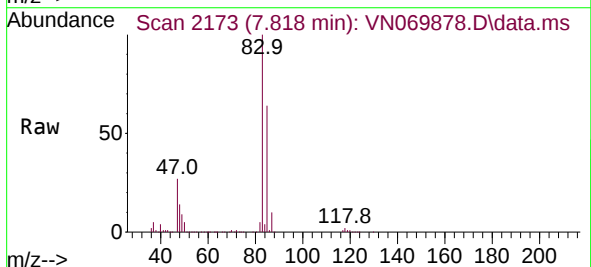
Acq: 8 Dec 2021 22:51

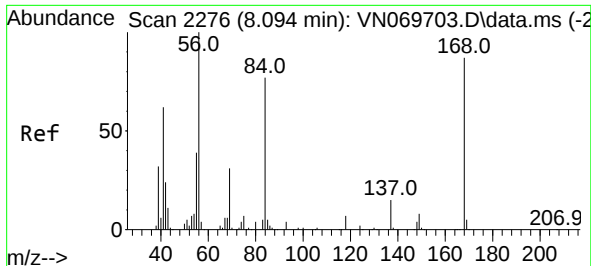
Tgt Ion: 83 Resp: 1215445

Ion Ratio Lower Upper

83 100

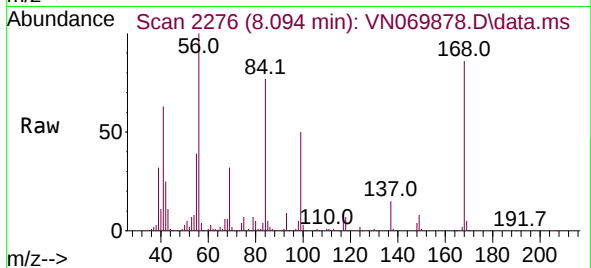
85 64.4 51.9 77.9





#31
Cyclohexane
Concen: 51.218 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

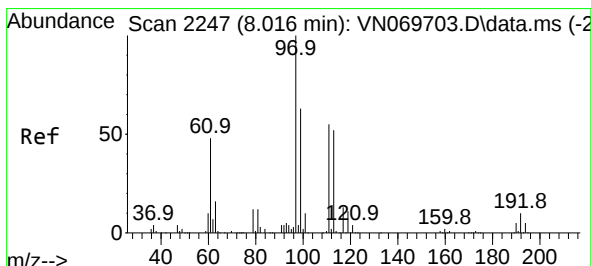
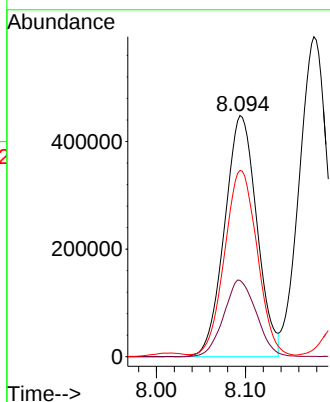
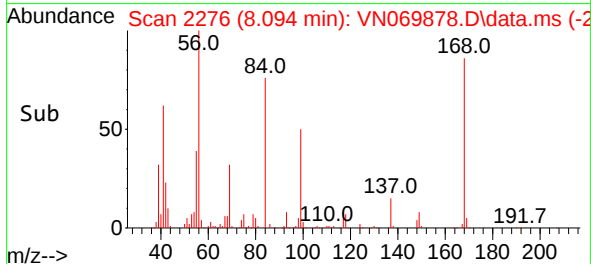
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



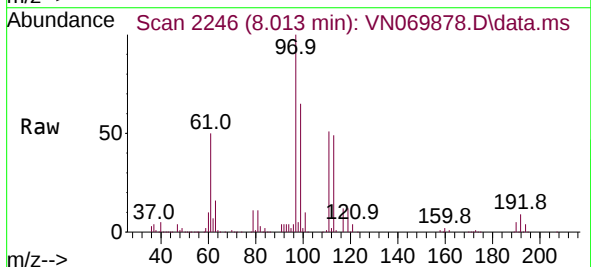
Tgt Ion: 56 Resp: 1129350
Ion Ratio Lower Upper
56 100
69 31.7 27.1 40.7
84 75.9 73.4 110.0

Manual Integrations
APPROVED

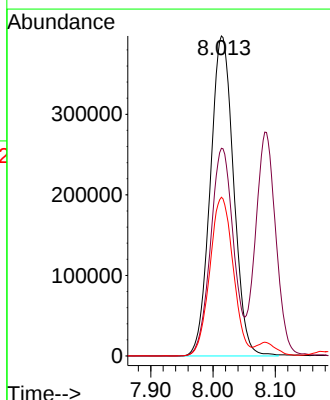
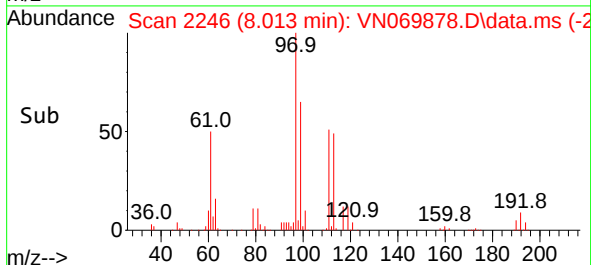
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

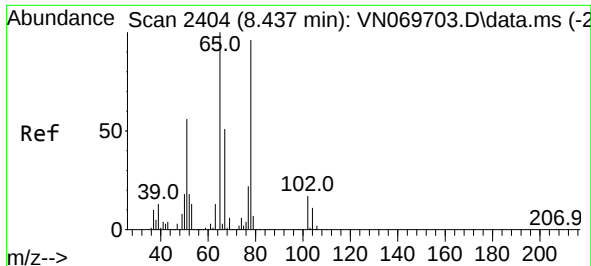


#32
1,1,1-Trichloroethane
Concen: 53.837 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.002 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51



Tgt Ion: 97 Resp: 1032883
Ion Ratio Lower Upper
97 100
99 63.6 50.1 75.1
61 49.9 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.694 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN069878.D

Acq: 8 Dec 2021 22:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 80323

Ion Ratio Lower Upper

65 100

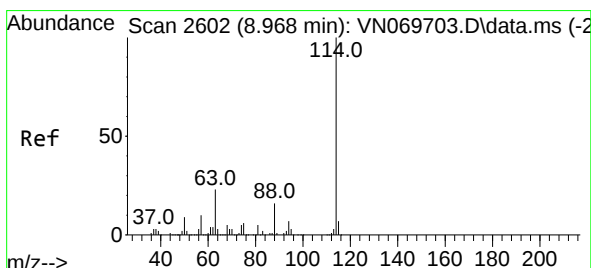
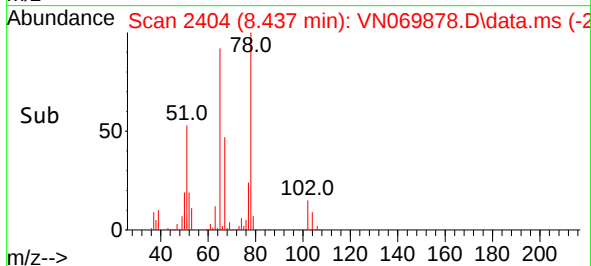
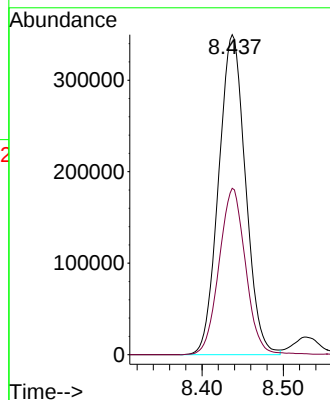
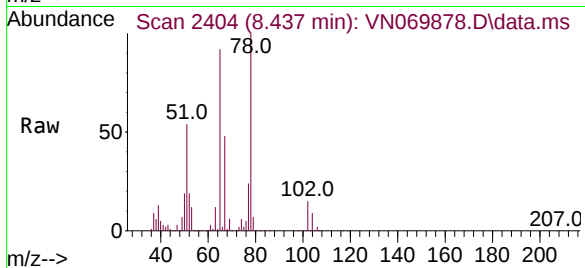
67 51.4 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069878.D

Acq: 8 Dec 2021 22:51

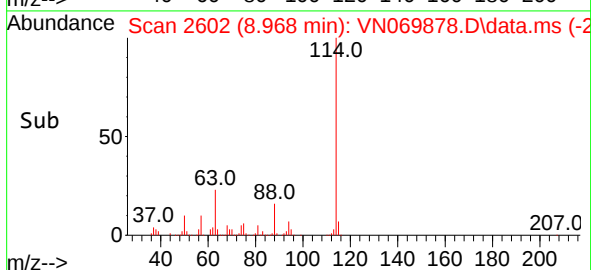
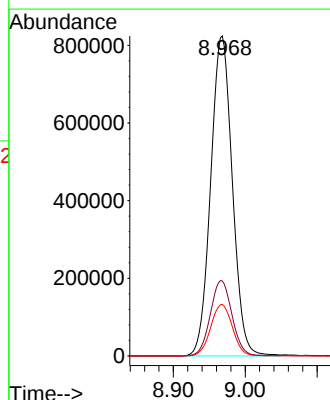
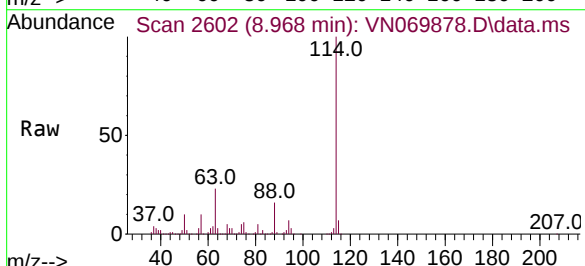
Tgt Ion:114 Resp: 1721667

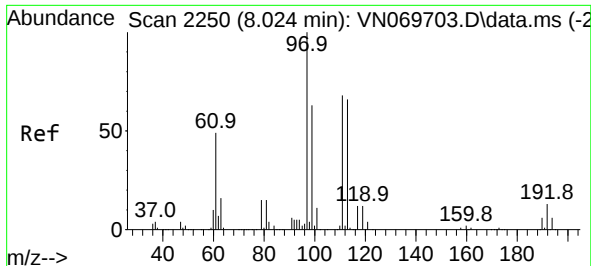
Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

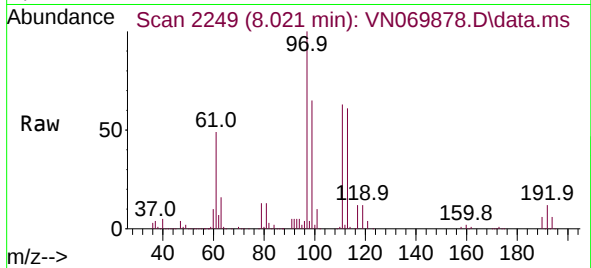
88 16.1 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.605 ug/l
RT: 8.021 min Scan# 2250
Delta R.T. -0.002 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

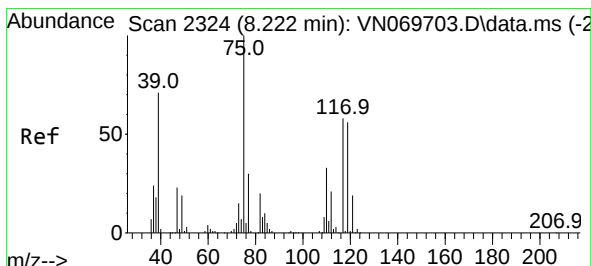
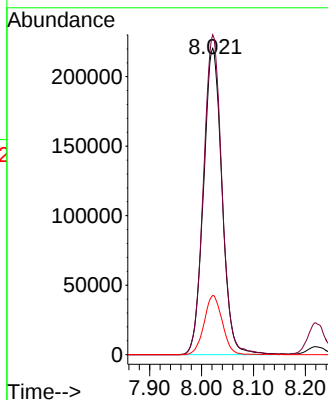
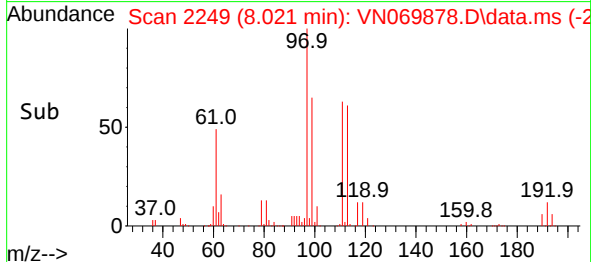
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 54573
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 18.9 16.9 25.3

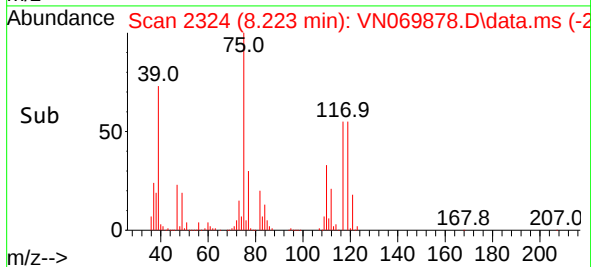
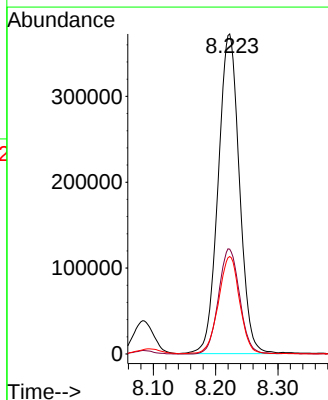
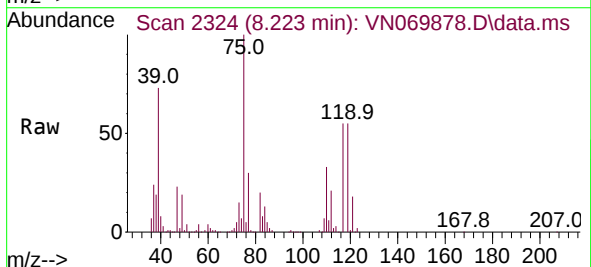
Manual Integrations
APPROVED

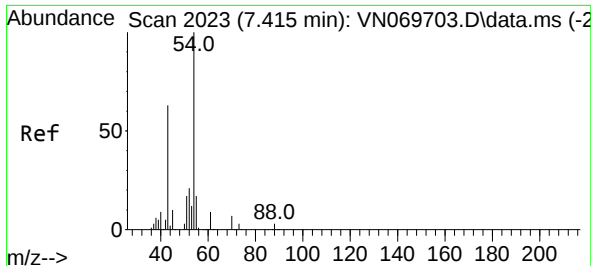
Reviewed By : John Carlone 12/10/2021
Supervised By : Mahesh Dadoda 12/15/2021



#36
1,1-Dichloropropene
Concen: 53.690 ug/l
RT: 8.223 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

Tgt Ion: 75 Resp: 879965
Ion Ratio Lower Upper
75 100
110 32.8 18.4 55.2
77 30.3 24.4 36.6





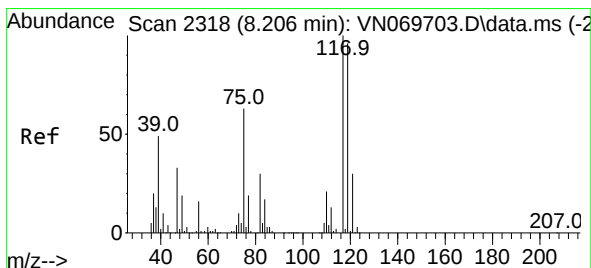
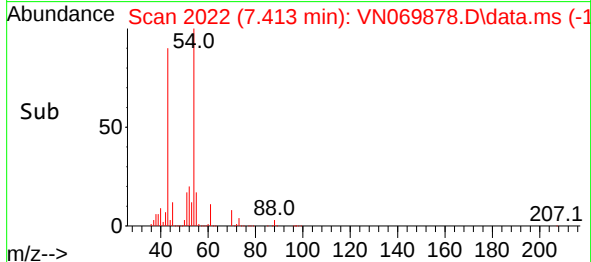
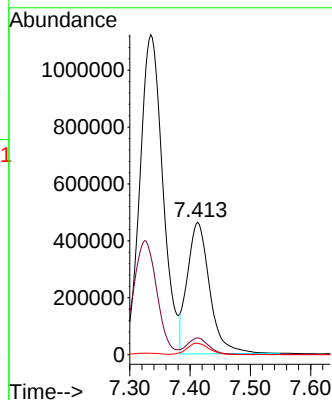
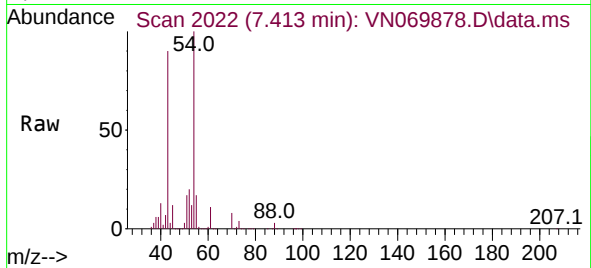
#37
Ethyl Acetate
Concen: 48.733 ug/l
RT: 7.413 min Scan# 2023
Delta R.T. -0.002 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1188792
Ion Ratio Lower Upper
43 100
61 12.1 11.5 17.3
70 8.4 7.9 11.9

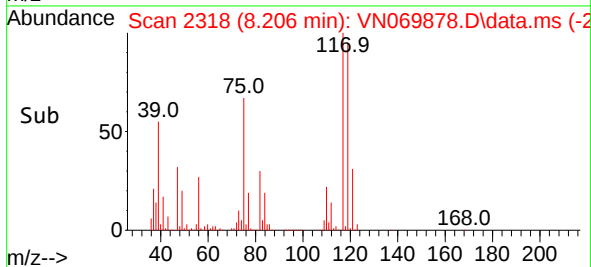
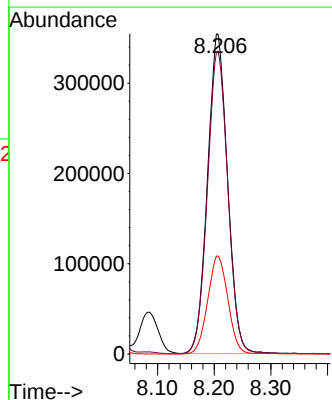
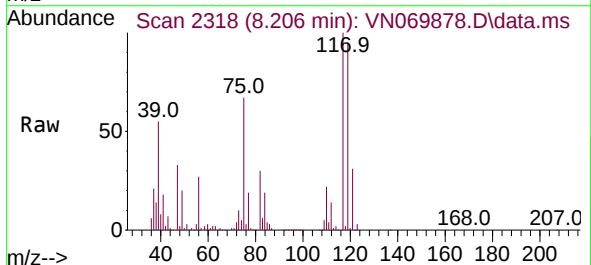
Manual Integrations
APPROVED

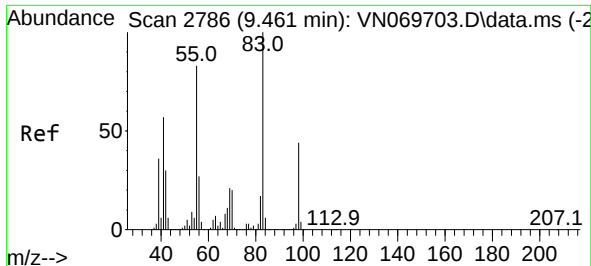
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#38
Carbon Tetrachloride
Concen: 54.258 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

Tgt Ion:117 Resp: 872048
Ion Ratio Lower Upper
117 100
119 94.7 76.1 114.1
121 30.7 24.2 36.2





#39

Methylcyclohexane

Concen: 53.048 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.002 min

Lab File: VN069878.D

Acq: 8 Dec 2021 22:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 103417

Ion Ratio Lower Upper

83 100

55 87.1 58.1 87.1

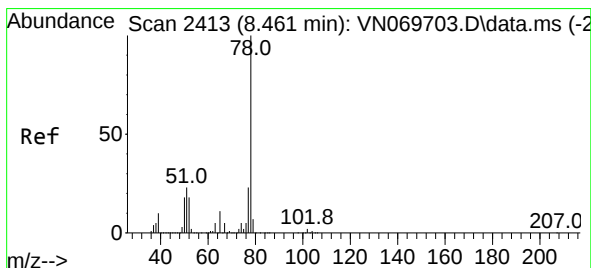
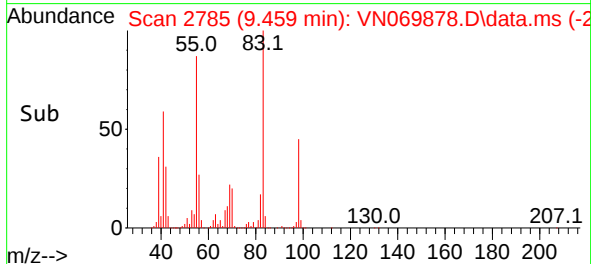
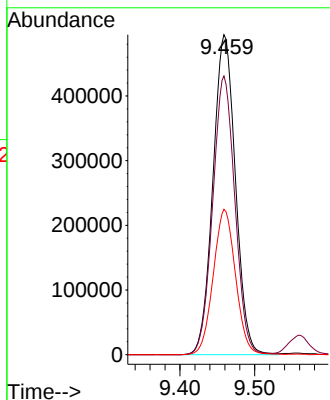
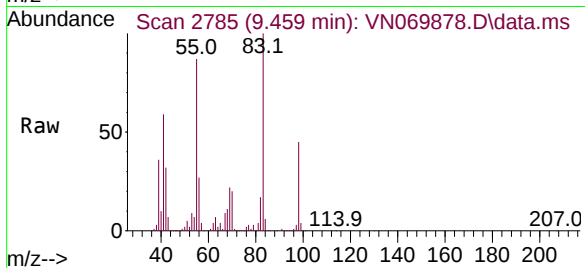
98 45.5 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#40

Benzene

Concen: 53.153 ug/l

RT: 8.459 min Scan# 2412

Delta R.T. -0.002 min

Lab File: VN069878.D

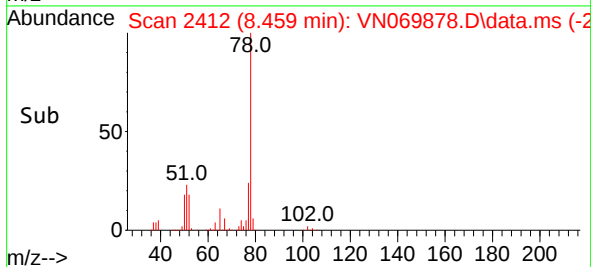
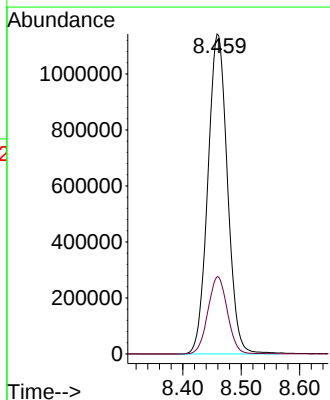
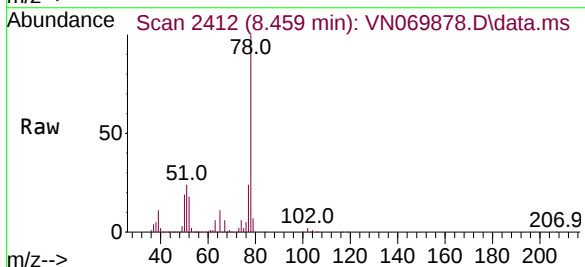
Acq: 8 Dec 2021 22:51

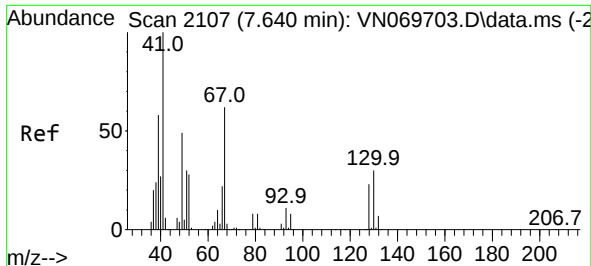
Tgt Ion: 78 Resp: 2662826

Ion Ratio Lower Upper

78 100

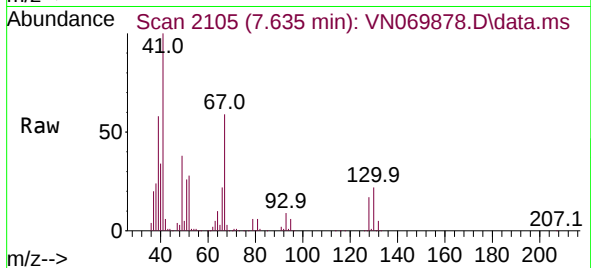
77 24.2 18.6 27.8





#41
Methacrylonitrile
Concen: 52.966 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.005 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

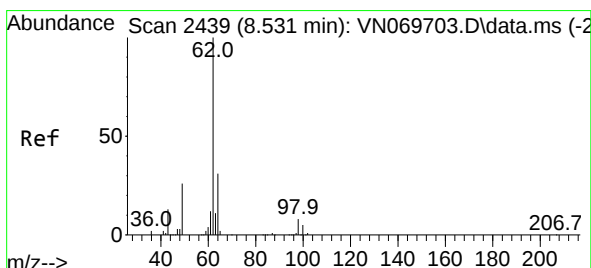
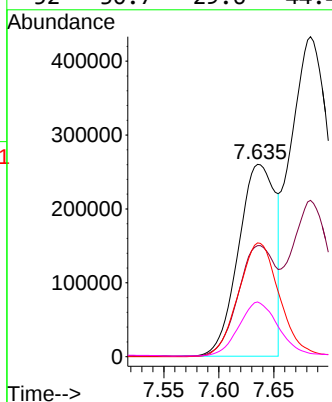
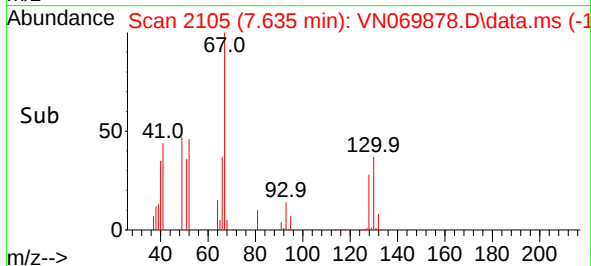
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 606530
Ion Ratio Lower Upper
41 100
39 57.5 48.1 72.1
67 66.7 68.3 102.5
52 30.7 29.6 44.4

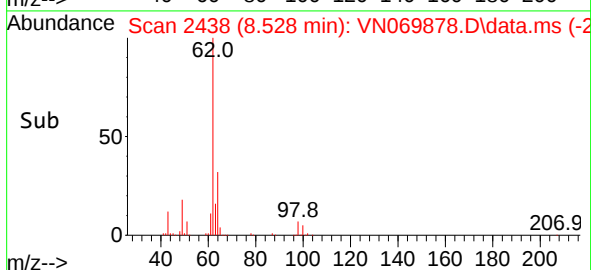
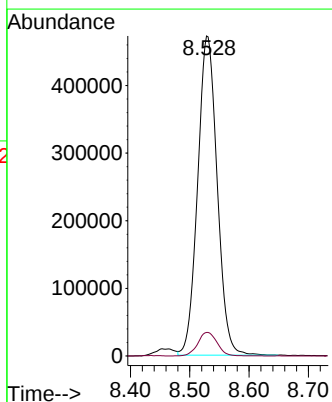
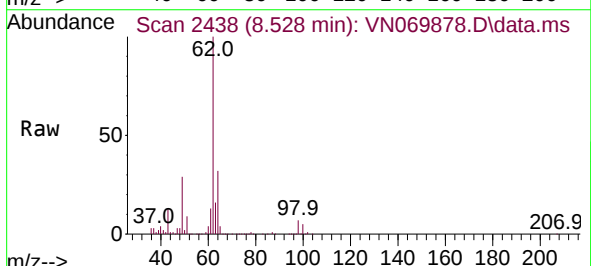
Manual Integrations
APPROVED

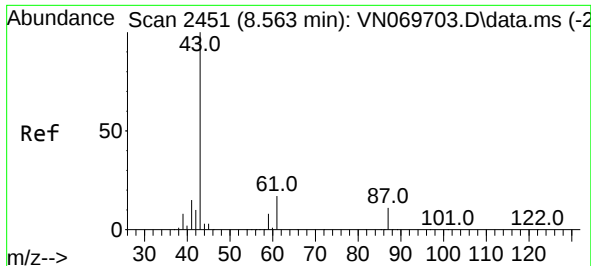
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#42
1,2-Dichloroethane
Concen: 53.307 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.002 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

Tgt Ion: 62 Resp: 1078042
Ion Ratio Lower Upper
62 100
98 7.4 0.0 17.6





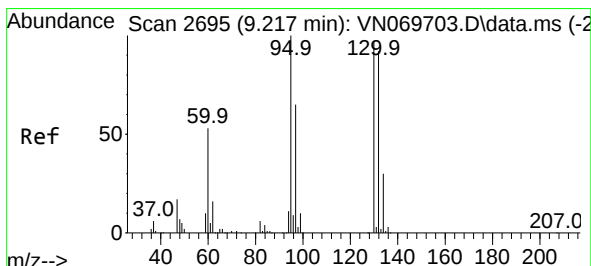
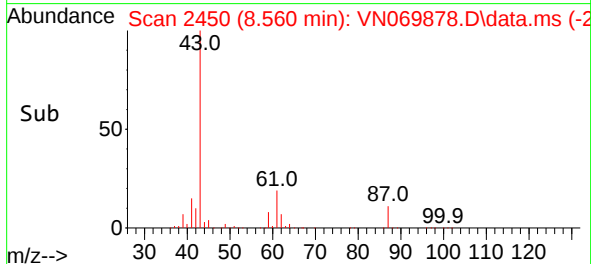
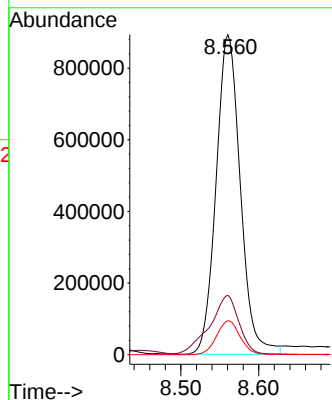
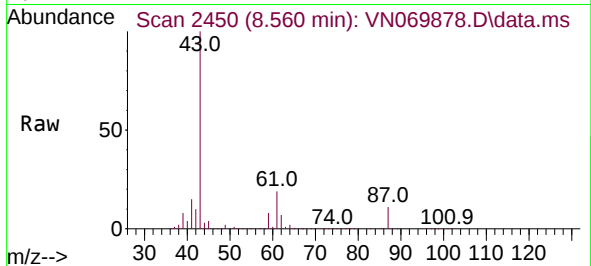
#43
Isopropyl Acetate
Concen: 53.391 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.002 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 192736
Ion Ratio Lower Upper
43 100
61 22.1 20.4 30.6
87 10.3 11.2 16.8

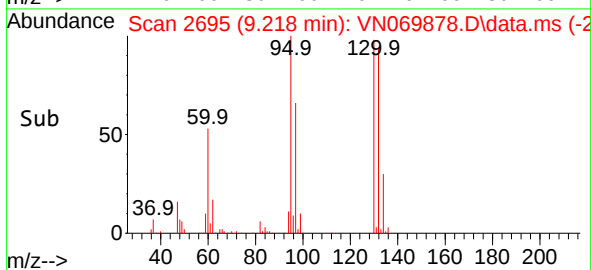
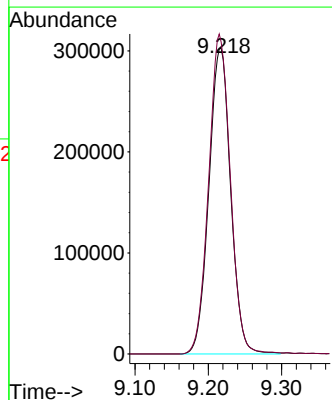
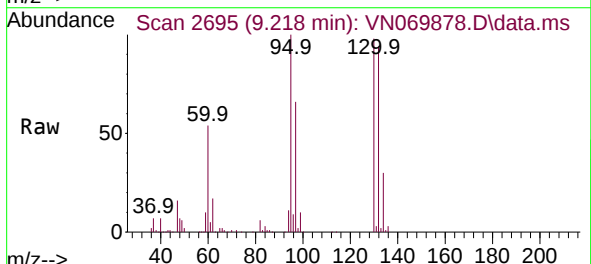
Manual Integrations
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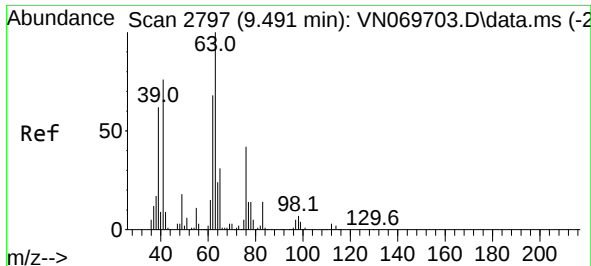
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#44
Trichloroethene
Concen: 52.262 ug/l
RT: 9.218 min Scan# 2695
Delta R.T. 0.001 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

Tgt Ion:130 Resp: 624903
Ion Ratio Lower Upper
130 100
95 102.1 0.0 191.2





#45

1,2-Dichloropropane

Concen: 54.643 ug/l

RT: 9.488 min Scan# 2796

Delta R.T. -0.002 min

Lab File: VN069878.D

Acq: 8 Dec 2021 22:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 73511

Ion Ratio Lower Upper

63 100

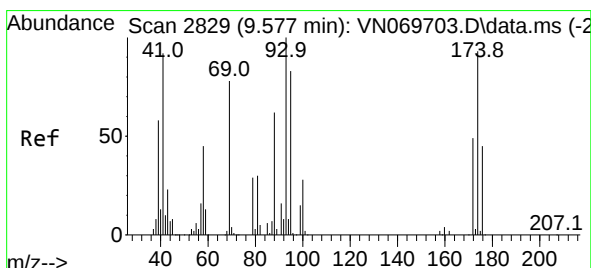
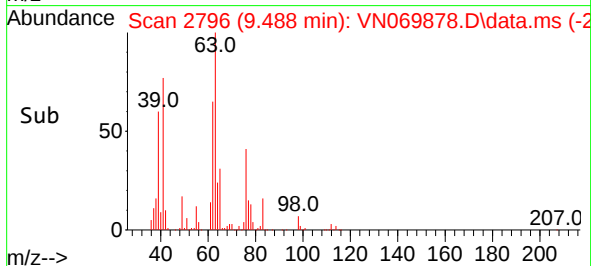
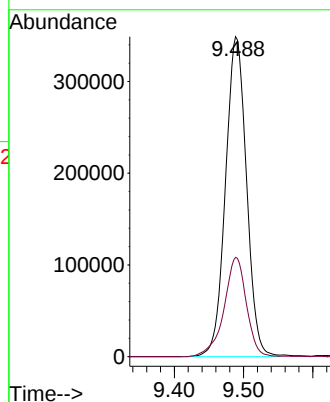
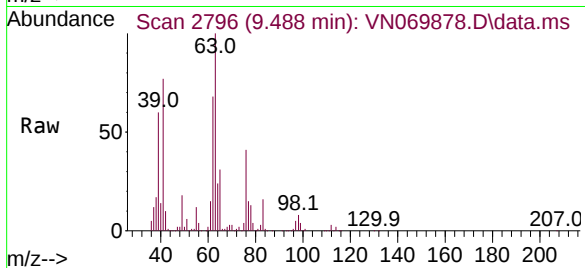
65 31.0 24.7 37.1

Manual Integrations

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Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#46

Dibromomethane

Concen: 53.158 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN069878.D

Acq: 8 Dec 2021 22:51

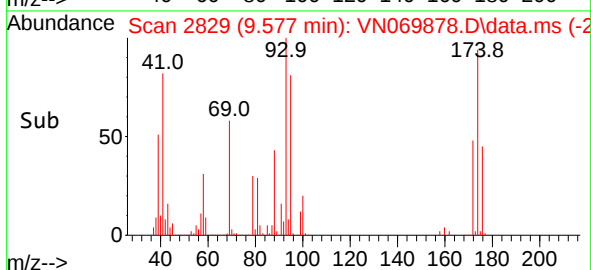
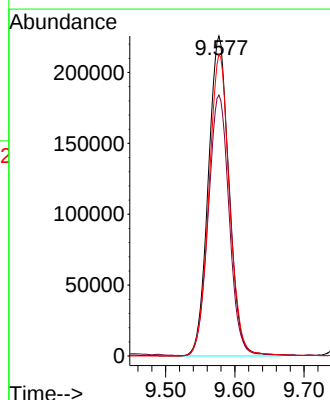
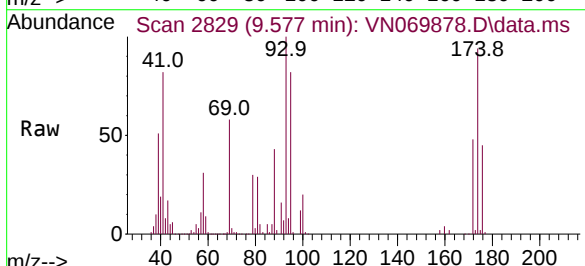
Tgt Ion: 93 Resp: 469007

Ion Ratio Lower Upper

93 100

95 81.8 65.9 98.9

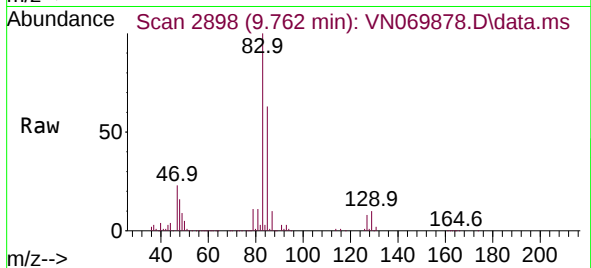
174 94.0 84.6 127.0





#47
Bromodichloromethane
Concen: 55.890 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

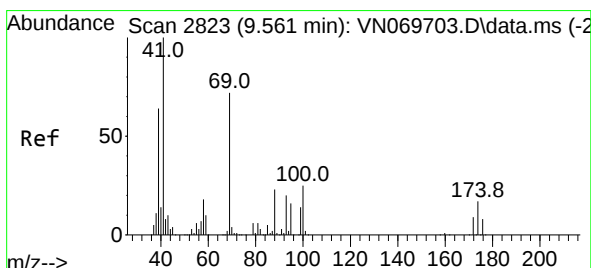
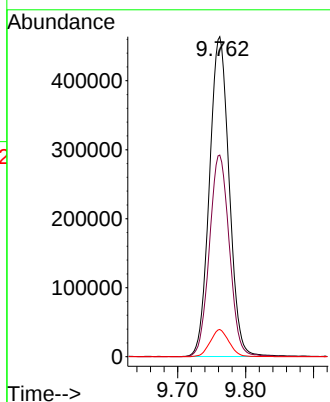
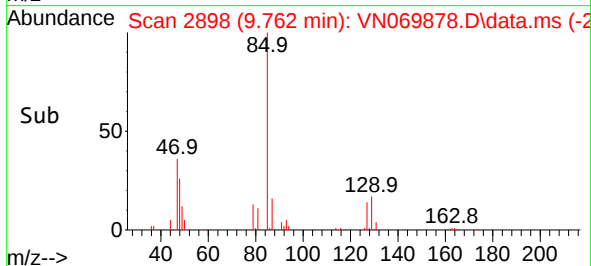
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 933630
Ion Ratio Lower Upper
83 100
85 63.1 50.9 76.3
127 8.5 7.1 10.7

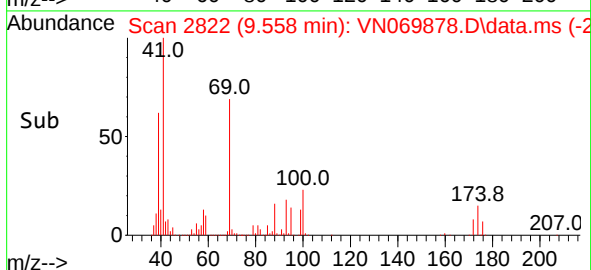
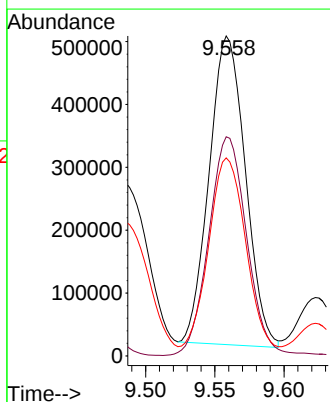
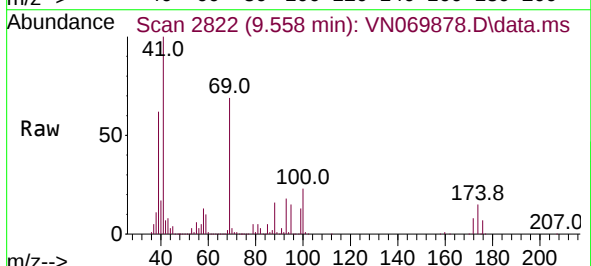
Manual Integrations
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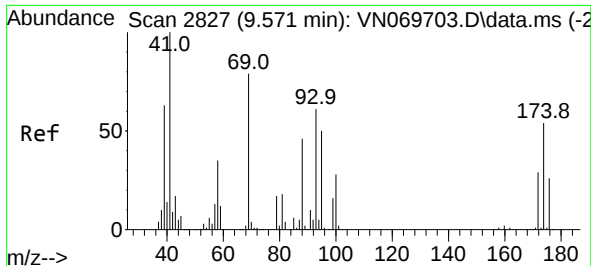
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#48
Methyl methacrylate
Concen: 52.989 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

Tgt Ion: 41 Resp: 892687
Ion Ratio Lower Upper
41 100
69 74.6 72.4 108.6
39 67.1 58.4 87.6





#49

1,4-Dioxane

Concen: 811.615 ug/l

RT: 9.569 min Scan# 2826

Delta R.T. -0.002 min

Lab File: VN069878.D

Acq: 8 Dec 2021 22:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 24533

Ion Ratio Lower Upper

88 100

43 38.1 23.4 35.2

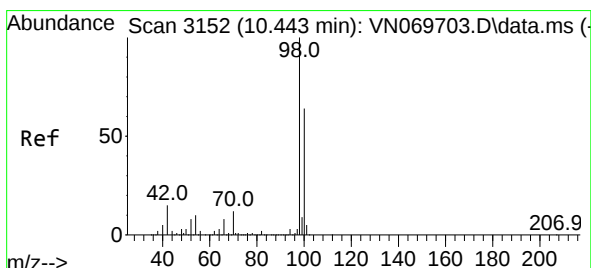
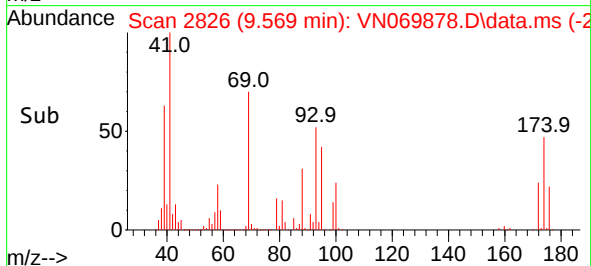
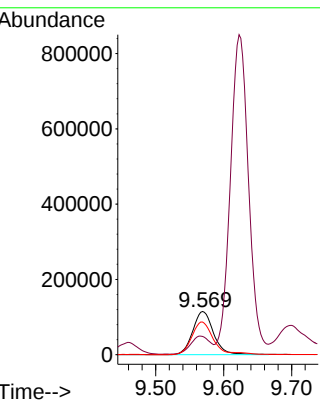
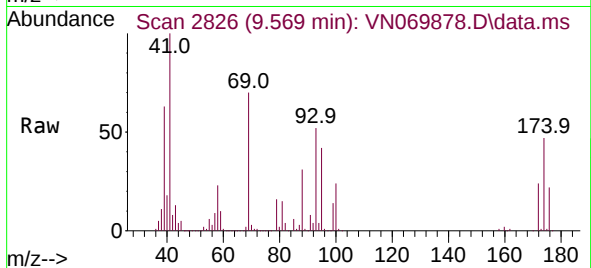
58 79.7 50.6 75.8

Manual Integrations

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Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#50

Toluene-d8

Concen: 50.491 ug/l

RT: 10.441 min Scan# 3151

Delta R.T. -0.002 min

Lab File: VN069878.D

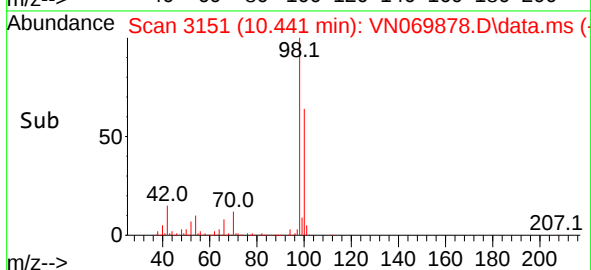
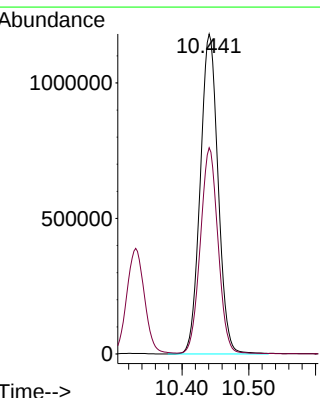
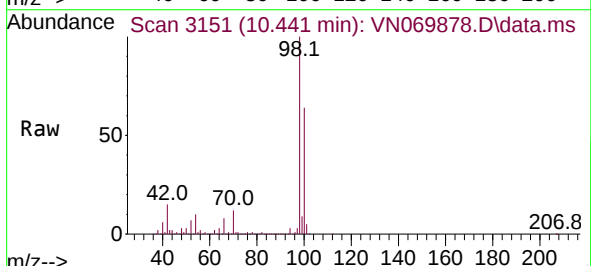
Acq: 8 Dec 2021 22:51

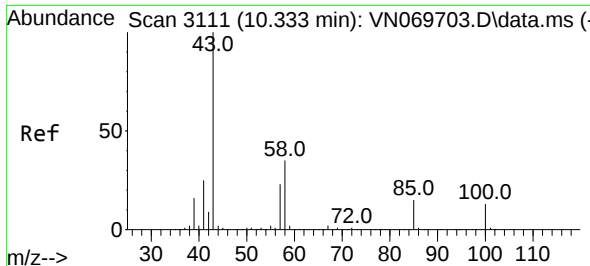
Tgt Ion: 98 Resp: 2186353

Ion Ratio Lower Upper

98 100

100 64.0 50.4 75.6





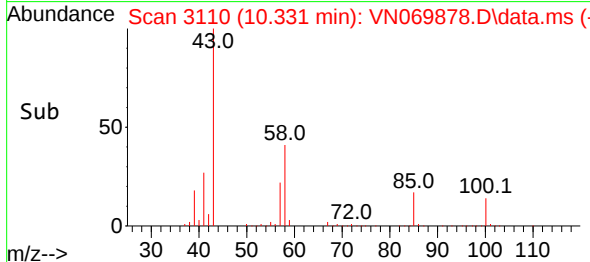
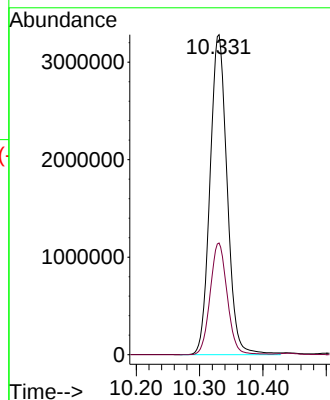
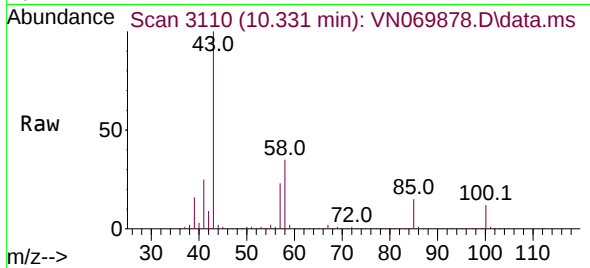
#51
4-Methyl-2-Pentanone
Concen: 263.096 ug/l
RT: 10.331 min Scan# 3111
Delta R.T. -0.002 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 616132
Ion Ratio Lower Upper
43 100
58 34.8 30.4 45.6

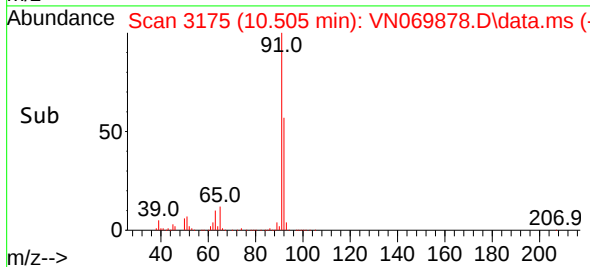
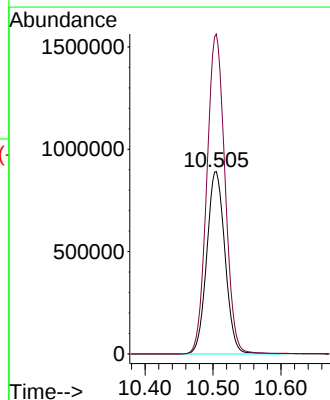
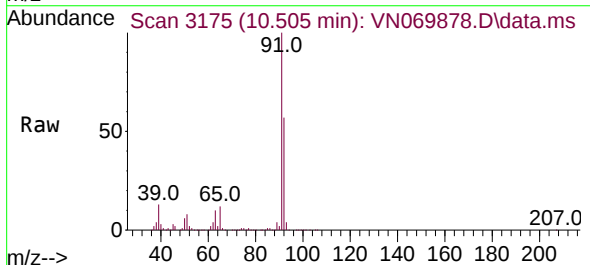
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#52
Toluene
Concen: 54.186 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

Tgt Ion: 92 Resp: 1657291
Ion Ratio Lower Upper
92 100
91 175.2 142.0 213.0





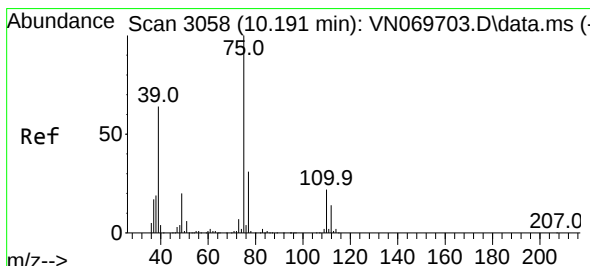
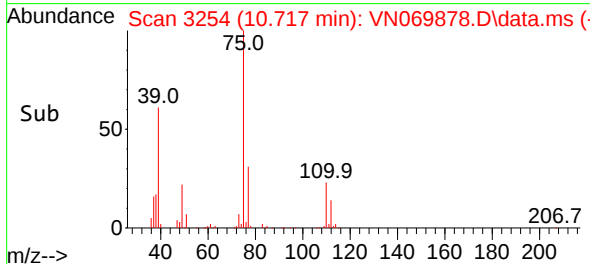
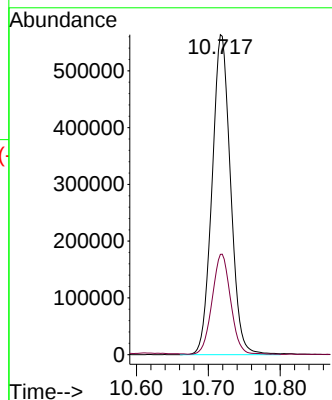
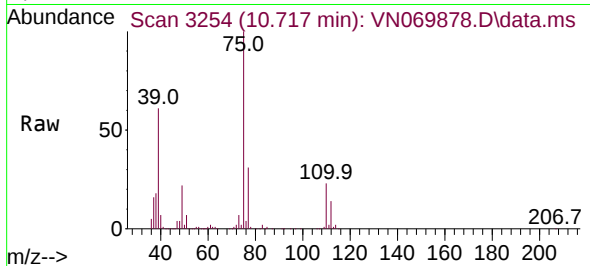
#53
t-1,3-Dichloropropene
Concen: 49.999 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 1004715
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4

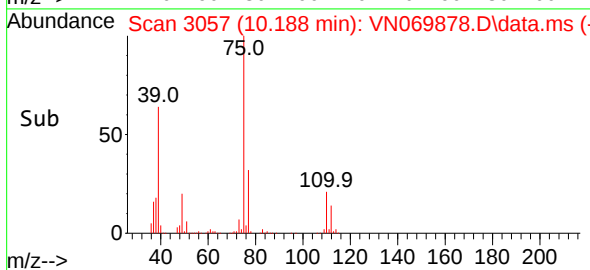
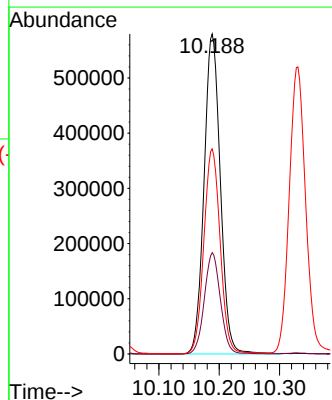
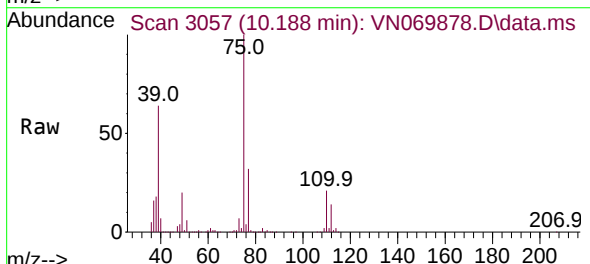
Manual Integrations
APPROVED

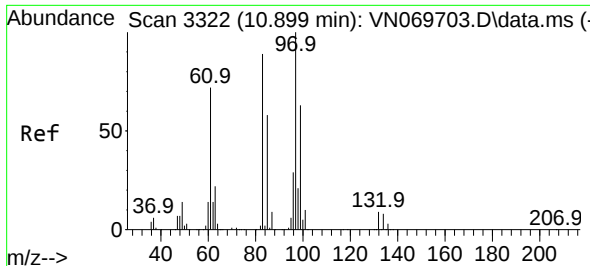
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#54
cis-1,3-Dichloropropene
Concen: 51.591 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

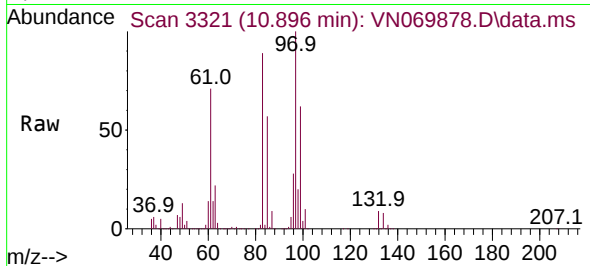
Tgt Ion: 75 Resp: 1089413
Ion Ratio Lower Upper
75 100
77 31.6 26.4 39.6
39 64.0 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 53.473 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

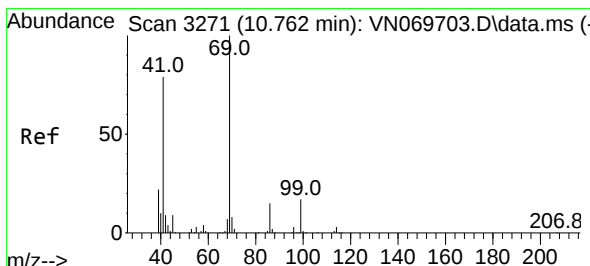
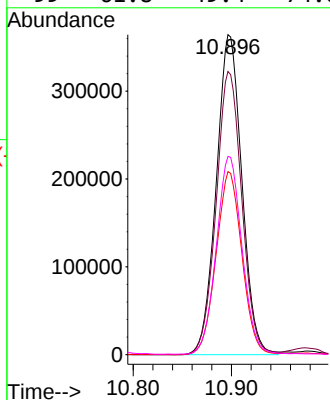
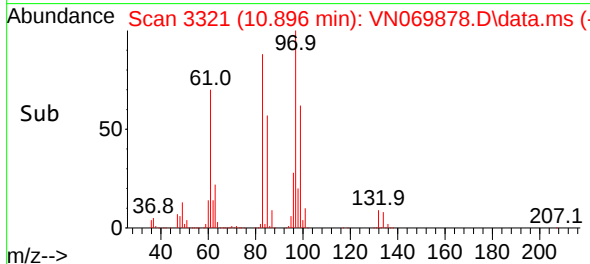
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



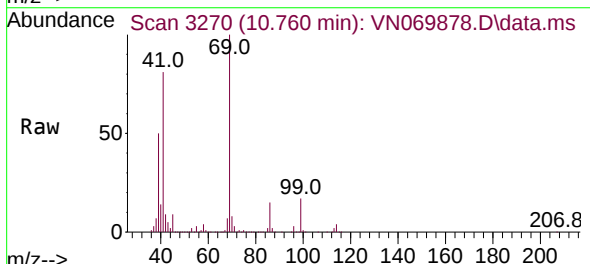
Tgt Ion: 97 Resp: 659870
Ion Ratio Lower Upper
97 100
83 88.5 67.8 101.6
85 57.2 45.4 68.2
99 61.8 49.4 74.0

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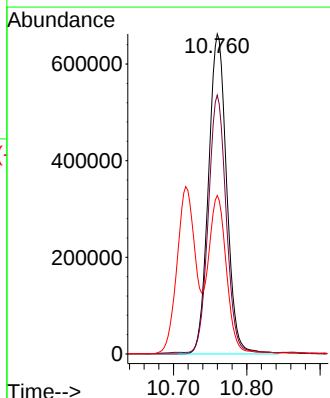
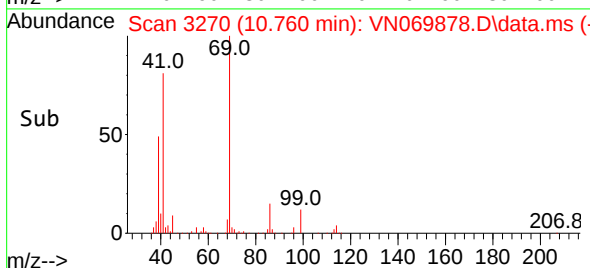
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#56
Ethyl methacrylate
Concen: 49.039 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51



Tgt Ion: 69 Resp: 1140787
Ion Ratio Lower Upper
69 100
41 78.7 51.4 77.0#
39 46.7 34.6 52.0





#57

1,3-Dichloropropane

Concen: 54.749 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.002 min

Lab File: VN069878.D

Acq: 8 Dec 2021 22:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 118964

Ion Ratio Lower Upper

76 100

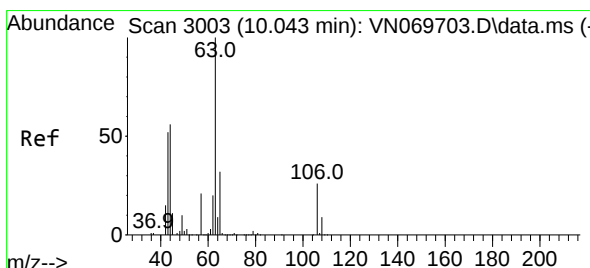
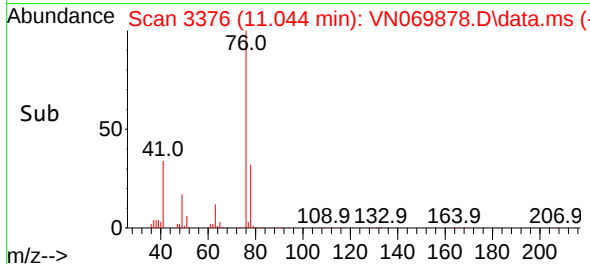
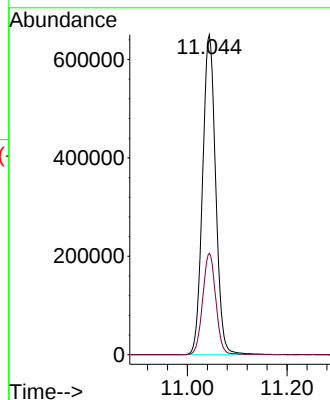
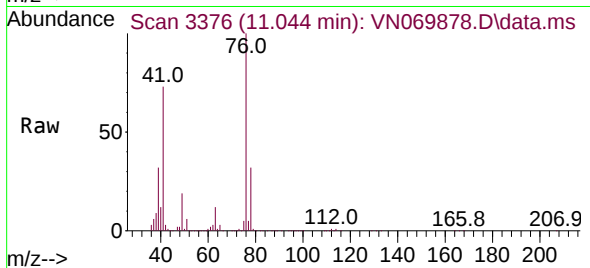
78 31.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#58

2-Chloroethyl Vinyl ether

Concen: 223.575 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN069878.D

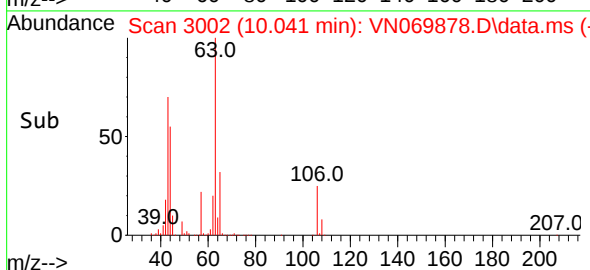
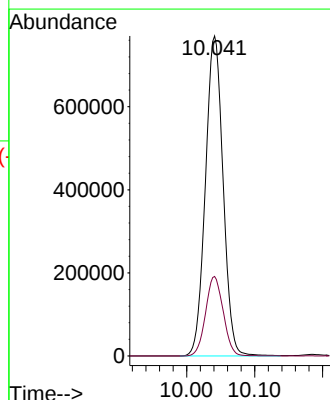
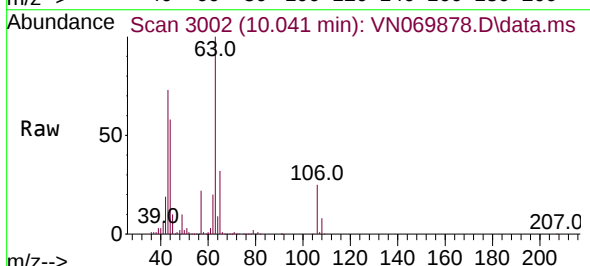
Acq: 8 Dec 2021 22:51

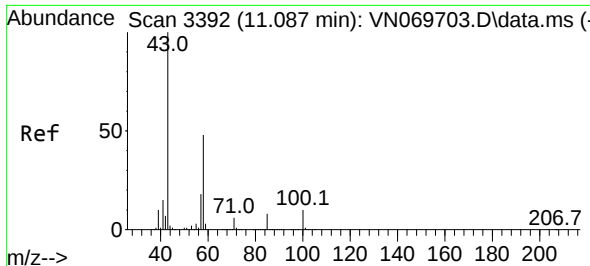
Tgt Ion: 63 Resp: 1392626

Ion Ratio Lower Upper

63 100

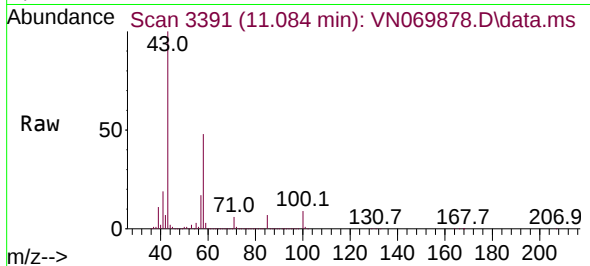
106 24.8 23.9 35.9





#59
2-Hexanone
Concen: 246.211 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

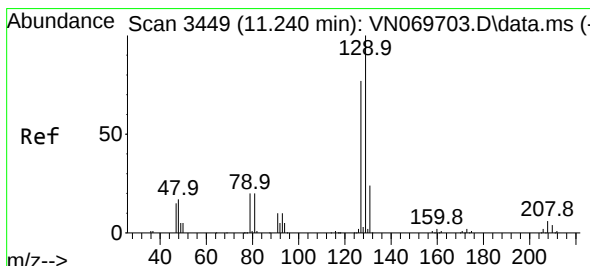
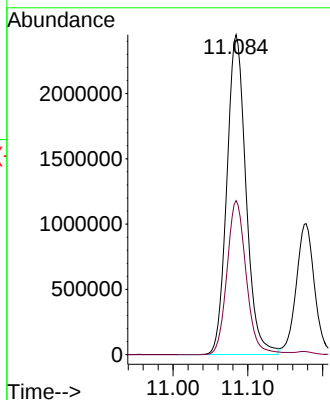
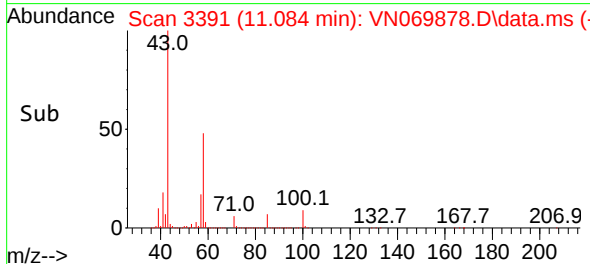
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 4361725
Ion Ratio Lower Upper
43 100
58 48.4 26.9 80.7

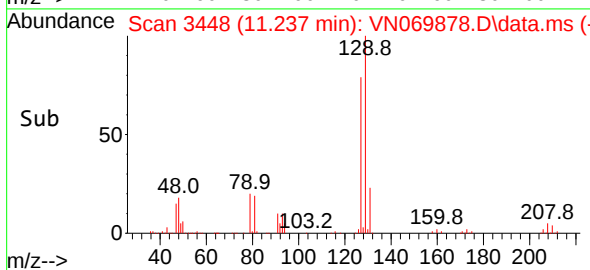
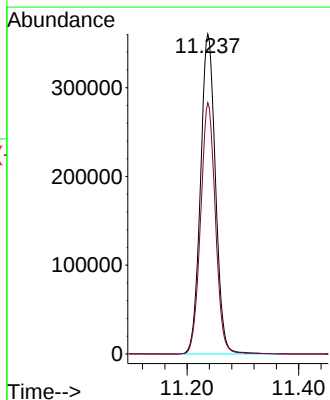
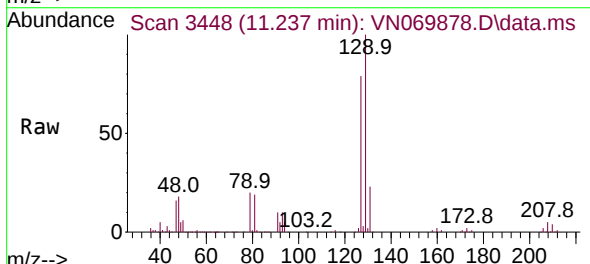
Manual Integrations
APPROVED

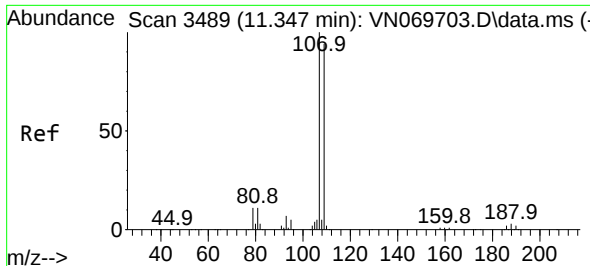
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#60
Dibromochloromethane
Concen: 50.685 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

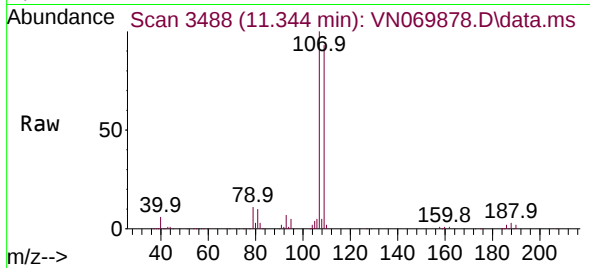
Tgt Ion:129 Resp: 670622
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 53.792 ug/l
RT: 11.344 min Scan# 3489
Delta R.T. -0.003 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

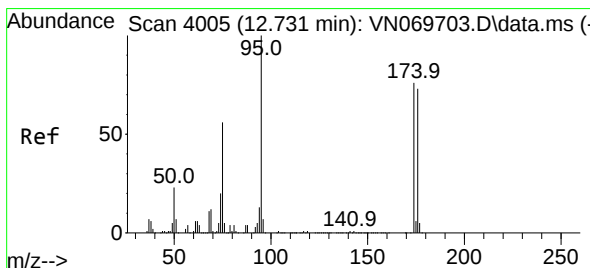
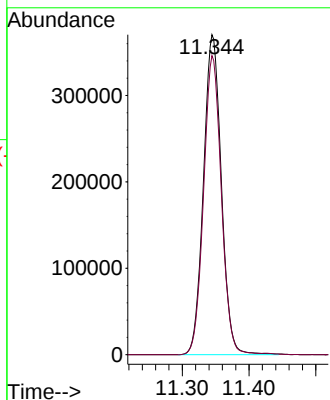
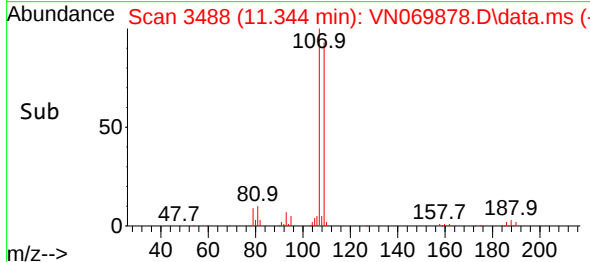
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 68755
Ion Ratio Lower Upper
107 100
109 92.8 75.7 113.5

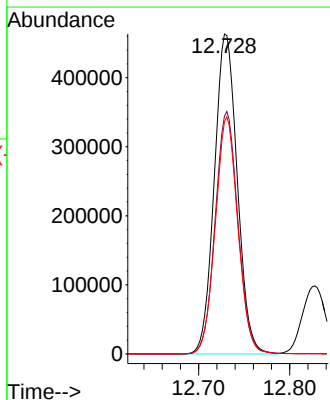
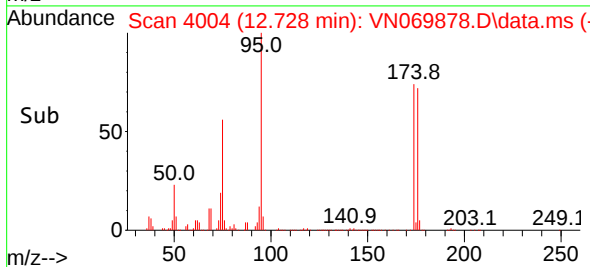
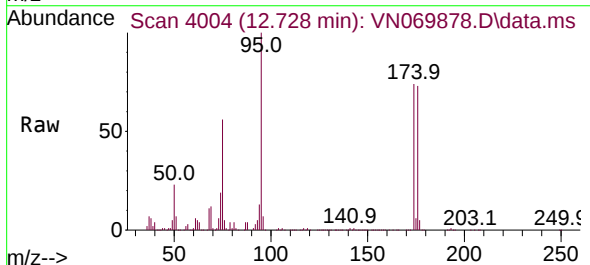
Manual Integrations
APPROVED

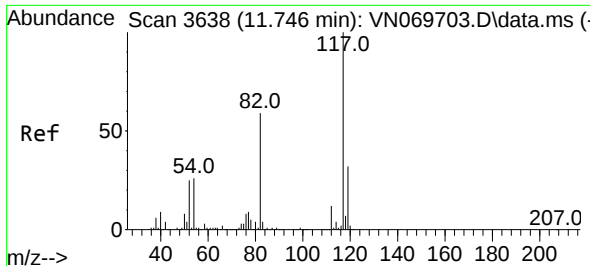
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#62
4-Bromofluorobenzene
Concen: 51.622 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

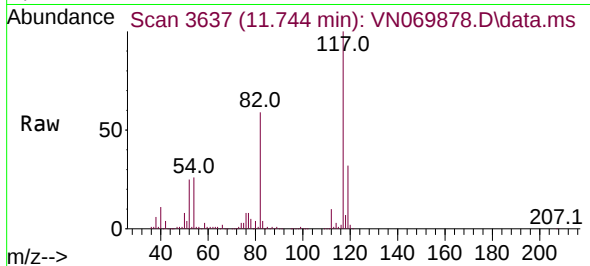
Tgt Ion: 95 Resp: 809810
Ion Ratio Lower Upper
95 100
174 75.3 0.0 187.2
176 72.8 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

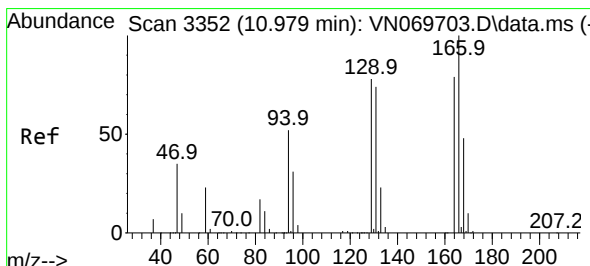
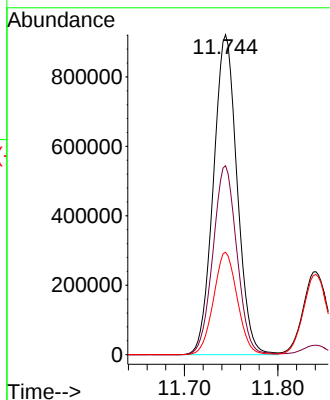
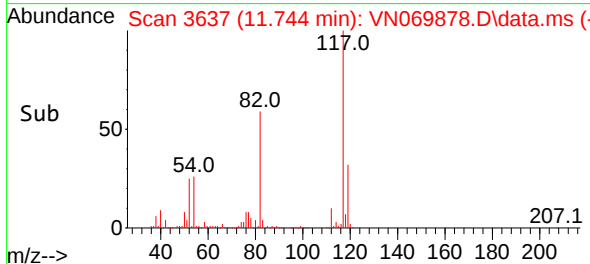
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 1628398
Ion Ratio Lower Upper
117 100
82 59.0 42.4 63.6
119 32.0 25.4 38.2

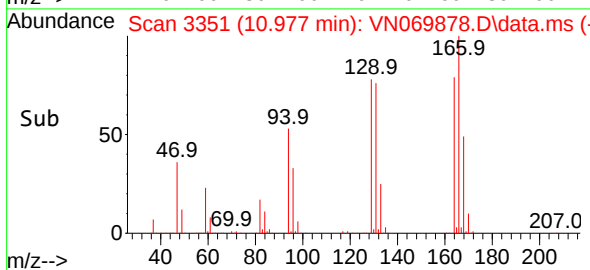
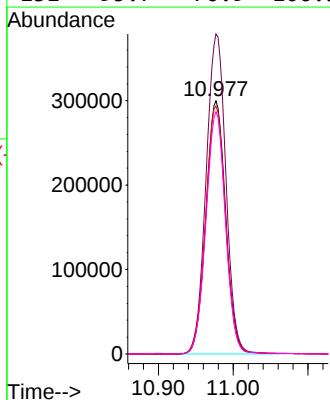
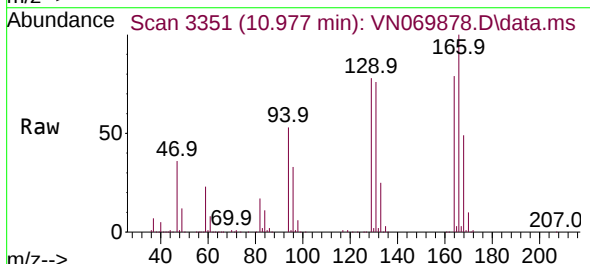
Manual Integrations
APPROVED

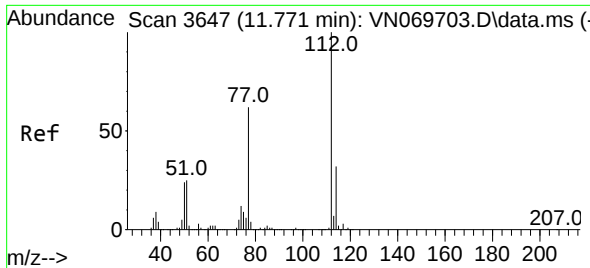
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#64
Tetrachloroethene
Concen: 50.071 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

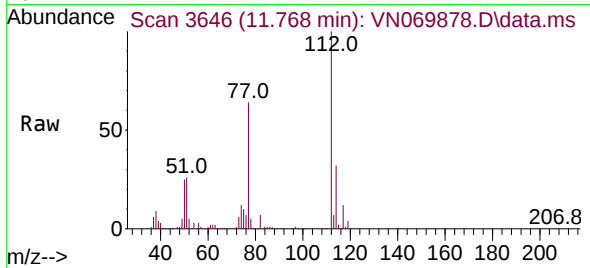
Tgt Ion:164 Resp: 552864
Ion Ratio Lower Upper
164 100
166 126.5 101.9 152.9
129 98.0 72.0 108.0
131 95.7 70.9 106.3





#65
Chlorobenzene
Concen: 52.852 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

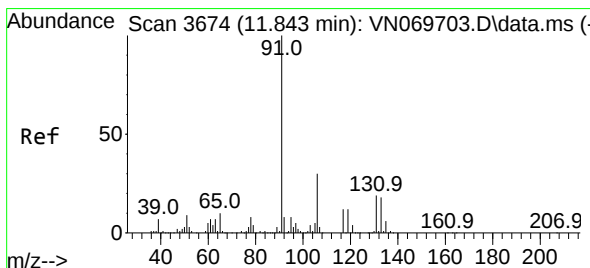
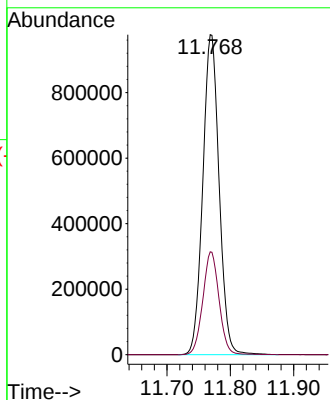
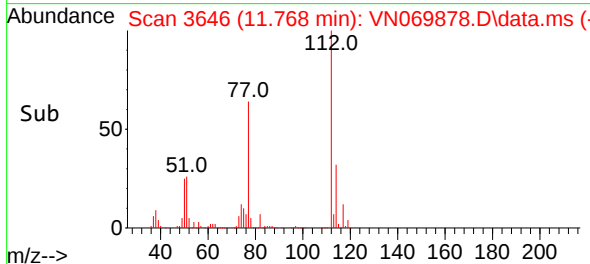
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 174598
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.0

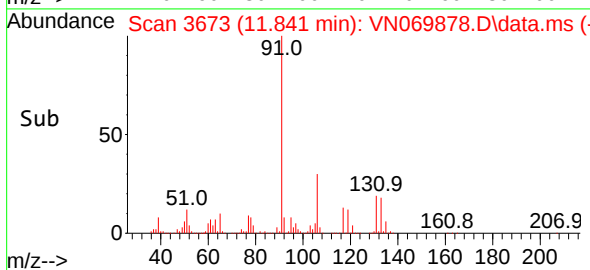
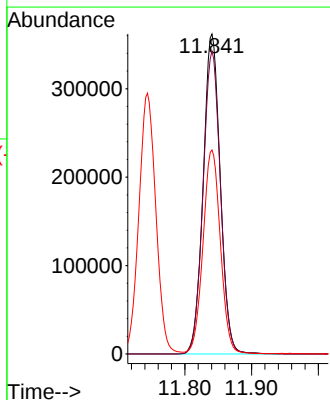
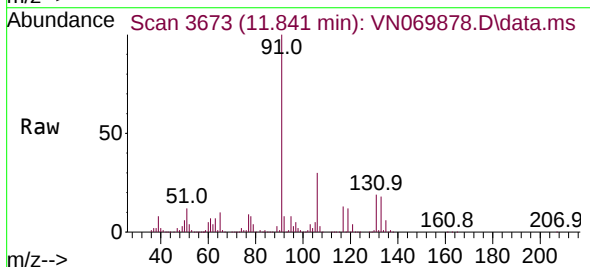
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 55.446 ug/l
RT: 11.841 min Scan# 3673
Delta R.T. -0.002 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

Tgt Ion:131 Resp: 644696
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.7
119 64.8 32.1 96.5





#67

Ethyl Benzene

Concen: 55.004 ug/l

RT: 11.843 min Scan# 30

Delta R.T. -0.002 min

Lab File: VN069878.D

Acq: 8 Dec 2021 22:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 330065

Ion Ratio Lower Upper

91 100

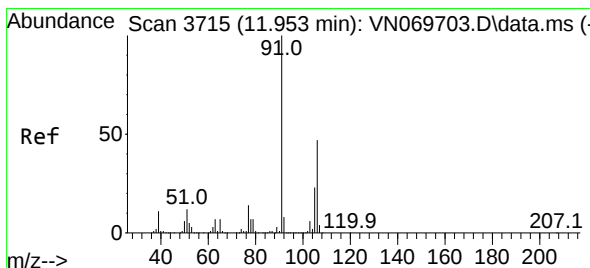
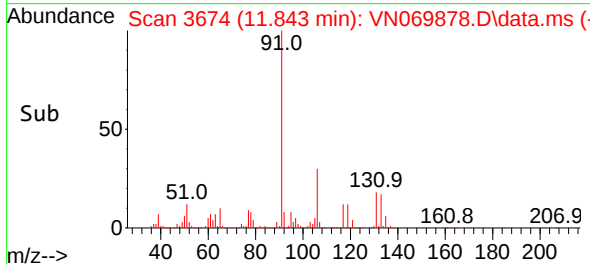
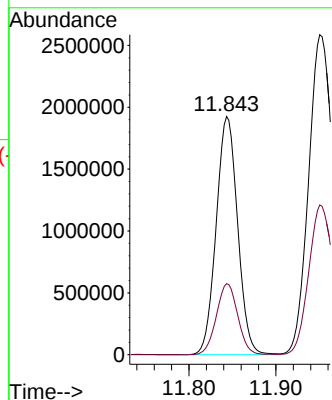
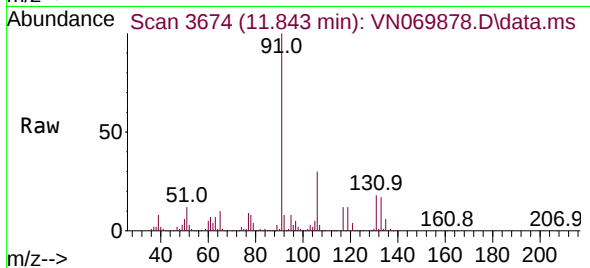
106 29.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#68

m/p-Xylenes

Concen: 109.881 ug/l

RT: 11.950 min Scan# 3714

Delta R.T. -0.002 min

Lab File: VN069878.D

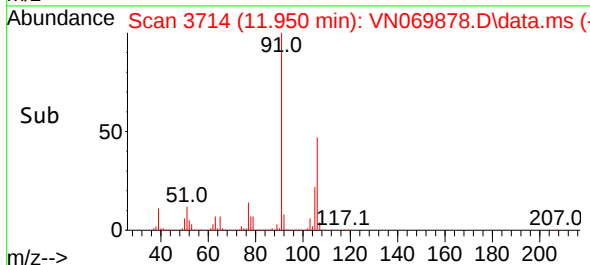
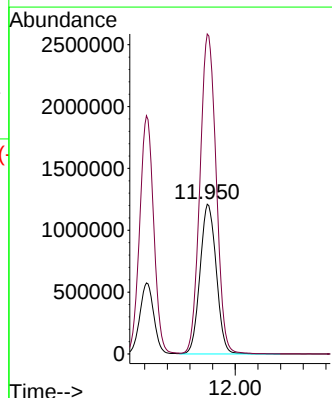
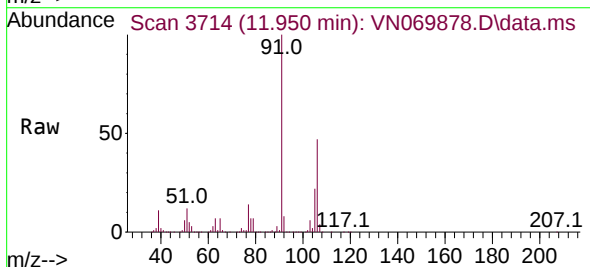
Acq: 8 Dec 2021 22:51

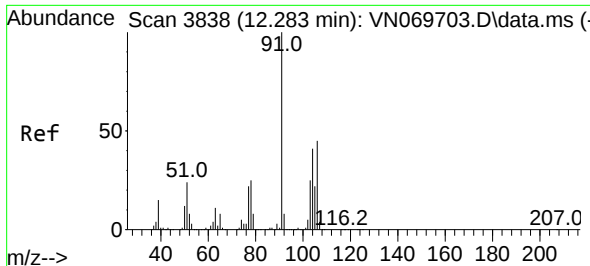
Tgt Ion:106 Resp: 2400829

Ion Ratio Lower Upper

106 100

91 214.0 160.6 240.8





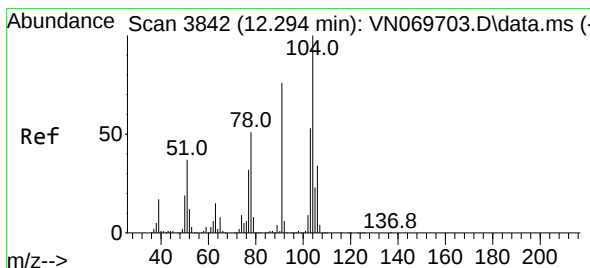
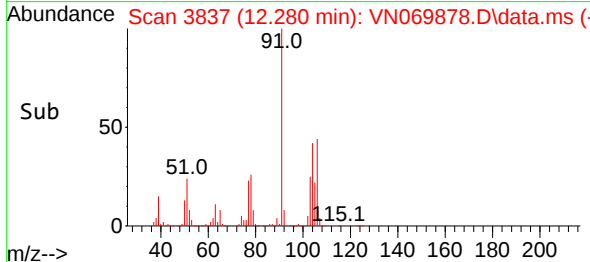
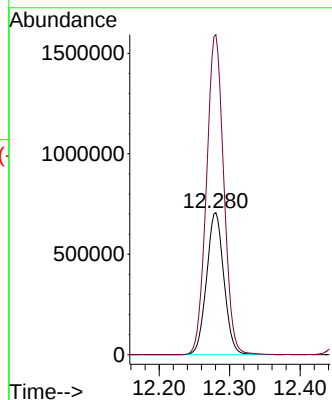
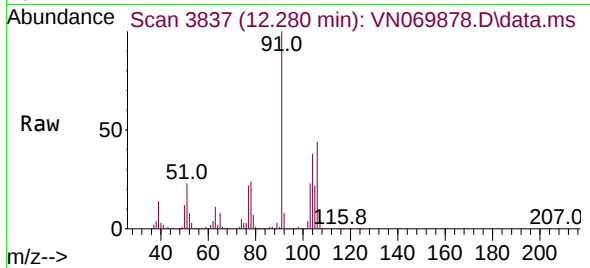
#69
o-Xylene
Concen: 54.775 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.002 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 1205510
Ion Ratio Lower Upper
106 100
91 225.3 105.8 317.3

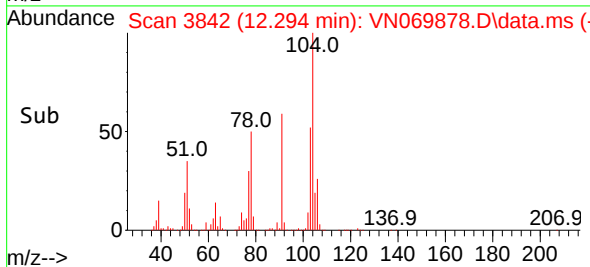
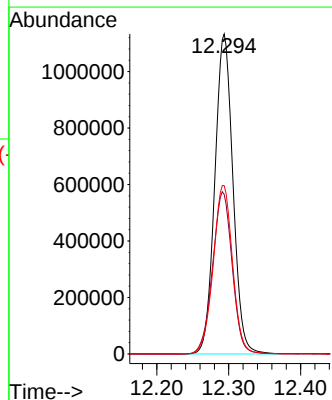
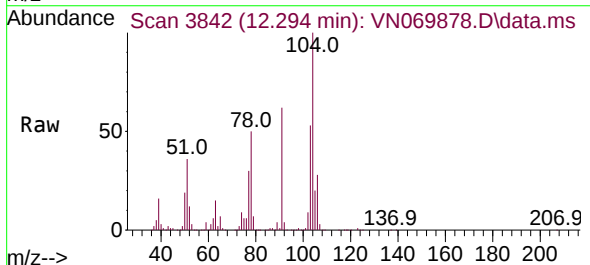
Manual Integrations
APPROVED

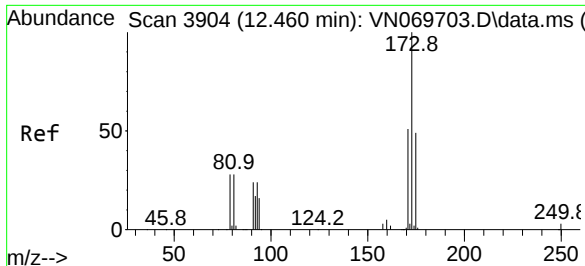
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#70
Styrene
Concen: 56.745 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

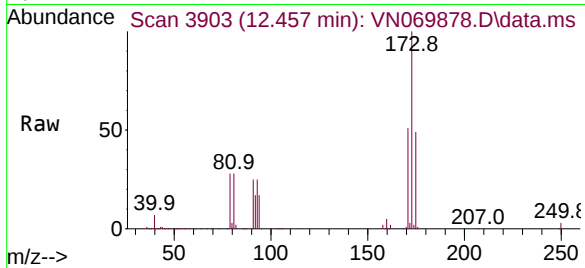
Tgt Ion:104 Resp: 1980316
Ion Ratio Lower Upper
104 100
78 54.9 38.7 58.1
103 56.3 45.0 67.6





#71
Bromoform
Concen: 49.264 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

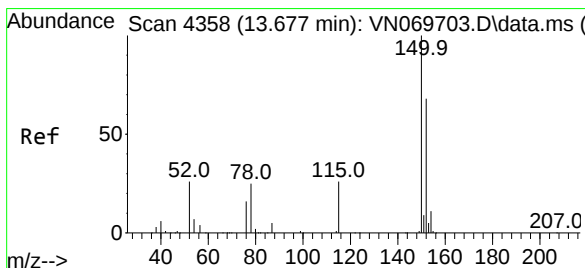
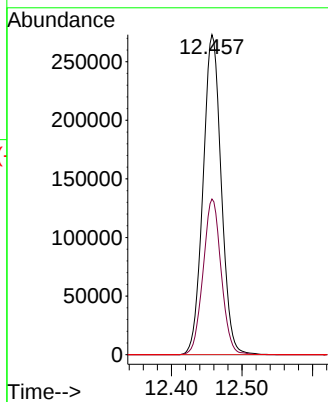
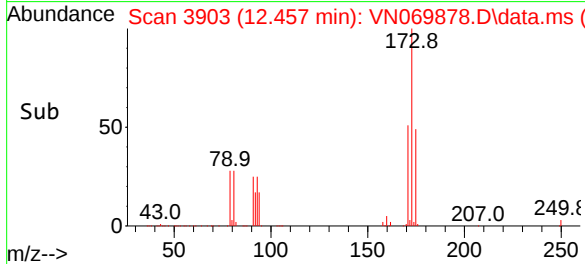
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



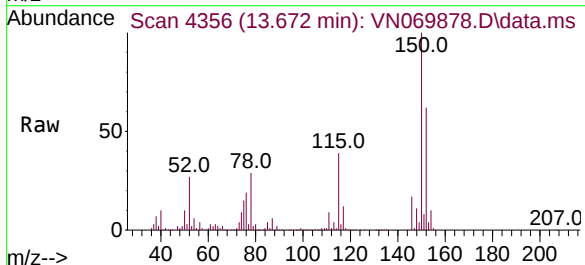
Tgt Ion:173 Resp: 489500
Ion Ratio Lower Upper
173 100
175 48.4 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
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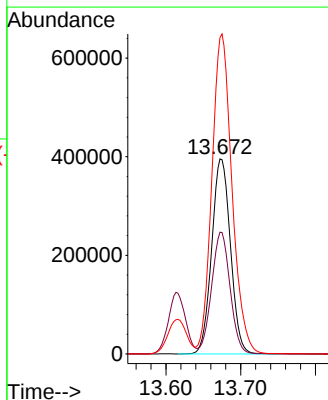
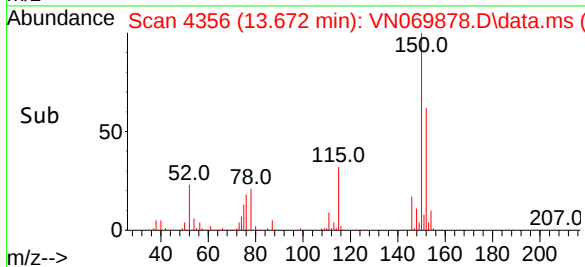
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

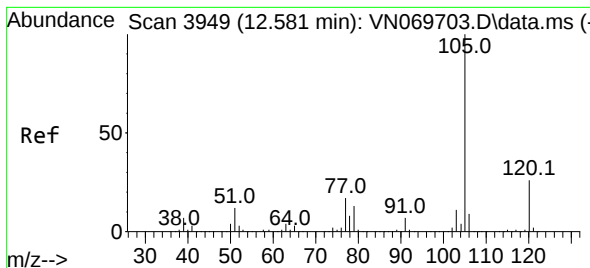


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. -0.005 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51



Tgt Ion:152 Resp: 689115
Ion Ratio Lower Upper
152 100
115 61.4 27.5 82.5
150 176.0 0.0 344.4





#73

Isopropylbenzene

Concen: 51.795 ug/l

RT: 12.578 min Scan# 3948

Delta R.T. -0.002 min

Lab File: VN069878.D

Acq: 8 Dec 2021 22:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 3175628

Ion Ratio Lower Upper

105 100

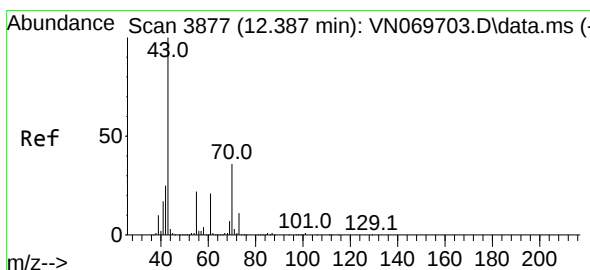
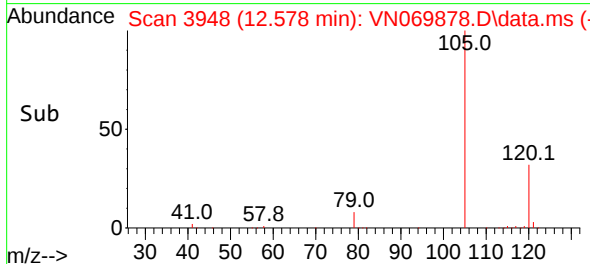
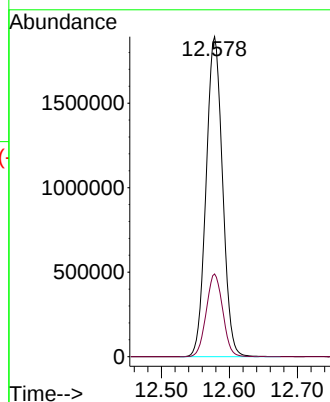
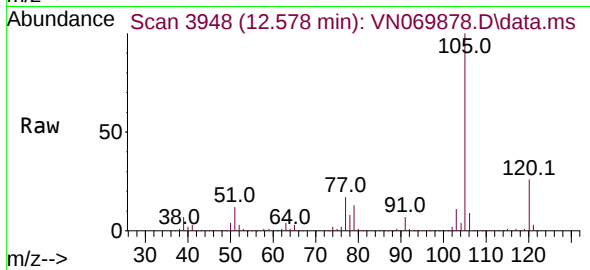
120 26.0 13.4 40.1

Manual Integrations

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Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#74

N-ethyl acetate

Concen: 52.445 ug/l

RT: 12.388 min Scan# 3877

Delta R.T. 0.000 min

Lab File: VN069878.D

Acq: 8 Dec 2021 22:51

Tgt Ion: 43 Resp: 1422037

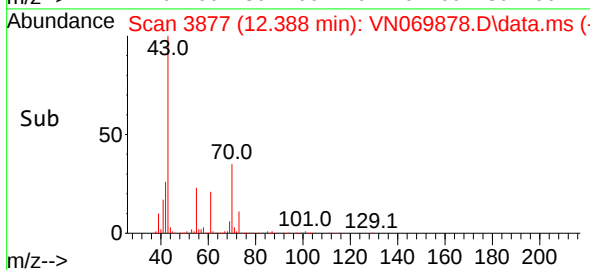
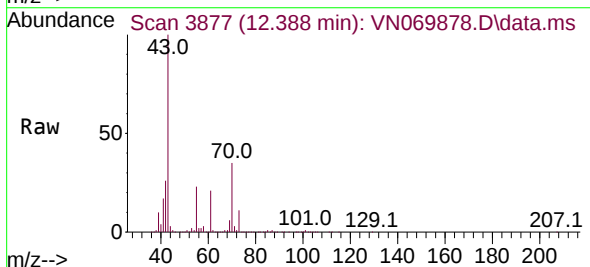
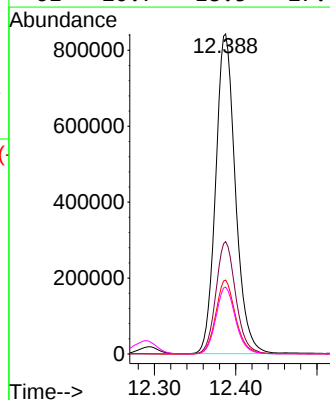
Ion Ratio Lower Upper

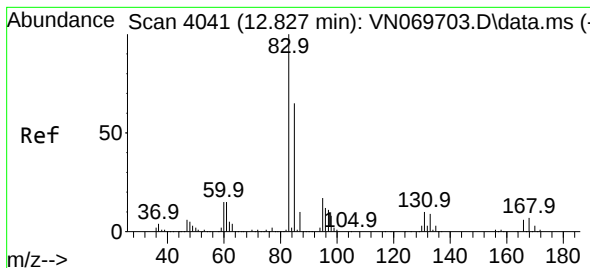
43 100

70 35.4 33.4 50.0

55 23.2 19.3 28.9

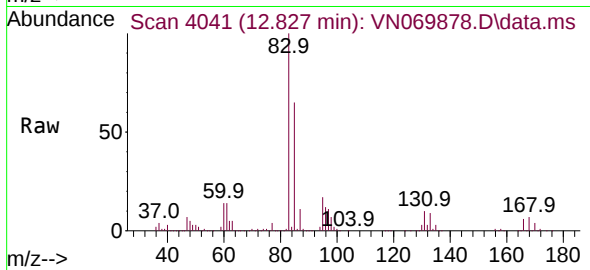
61 20.7 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 49.616 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

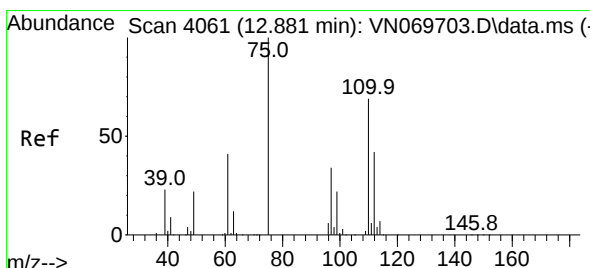
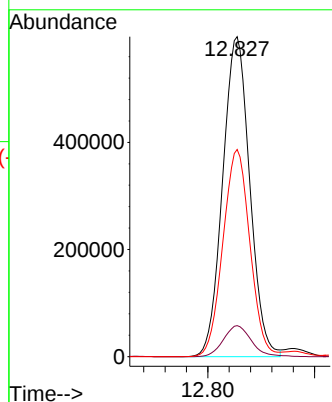
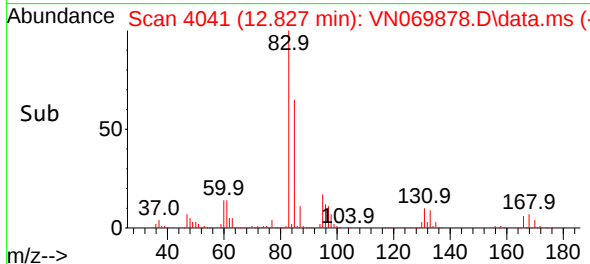
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



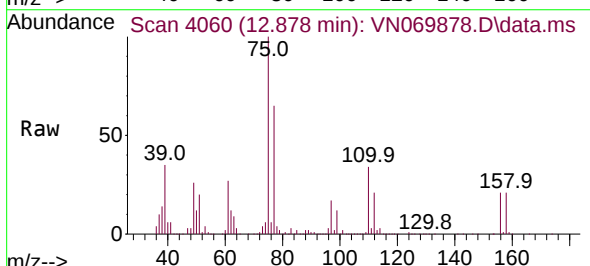
Tgt Ion: 83 Resp: 1051939
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 64.6 32.4 97.2

Manual Integrations
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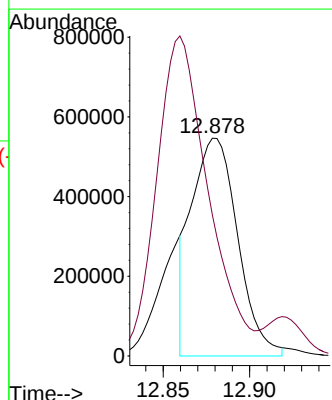
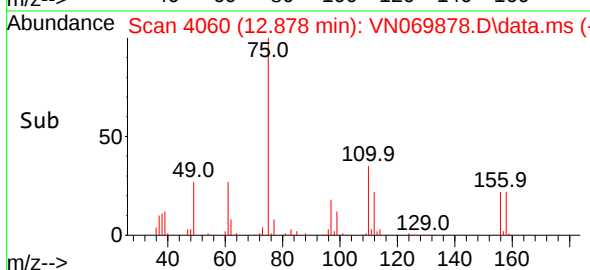
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

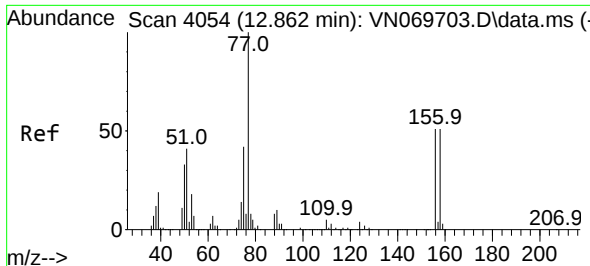


#76
1,2,3-Trichloropropane
Concen: 51.386 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.002 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51



Tgt Ion: 75 Resp: 1015496
Ion Ratio Lower Upper
75 100
77 163.9 82.6 247.8





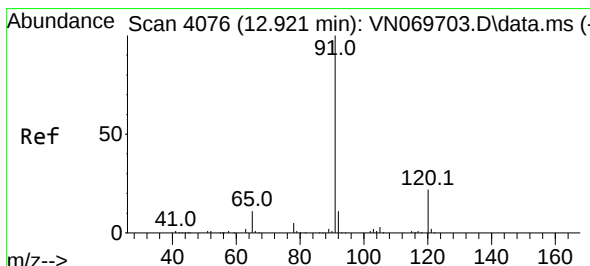
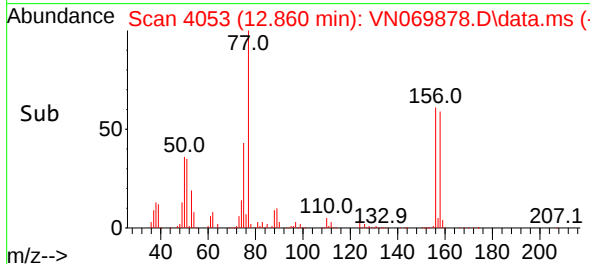
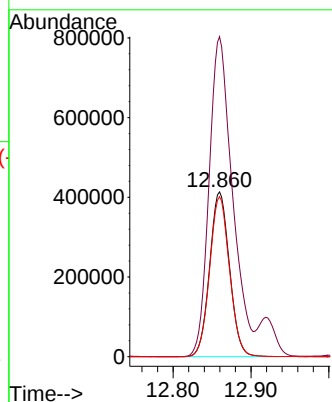
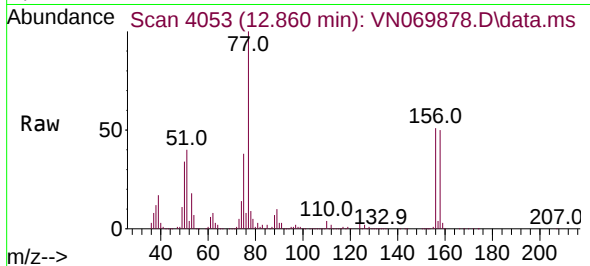
#77
Bromobenzene
Concen: 50.868 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.002 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 73256
Ion Ratio Lower Upper
156 100
77 227.2 90.6 271.8
158 97.0 48.9 146.7

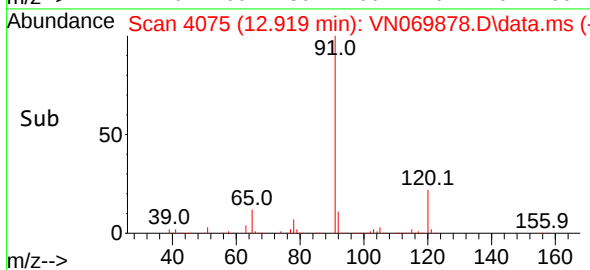
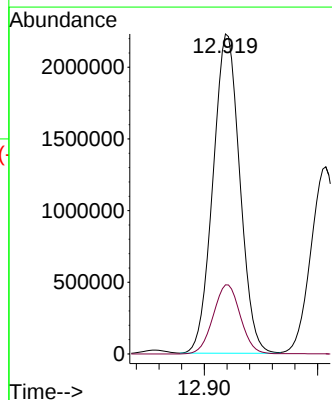
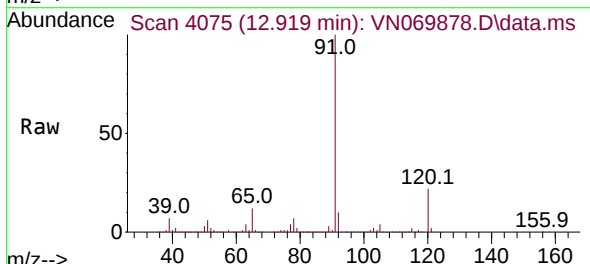
Manual Integrations
APPROVED

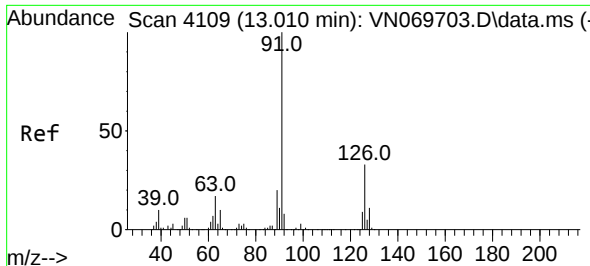
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#78
n-propylbenzene
Concen: 53.652 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.002 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

Tgt Ion: 91 Resp: 3660490
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9





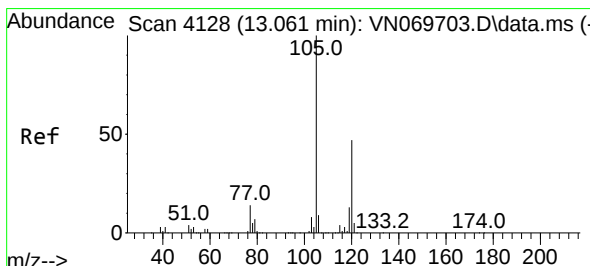
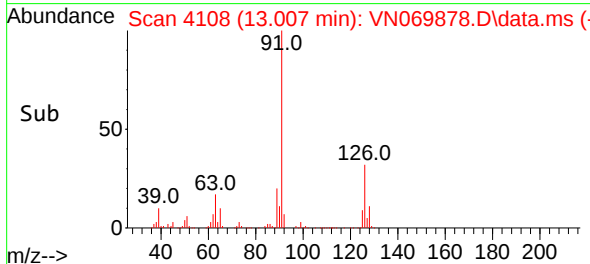
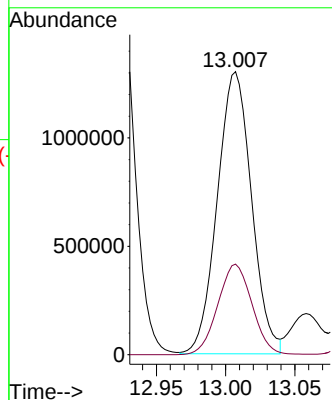
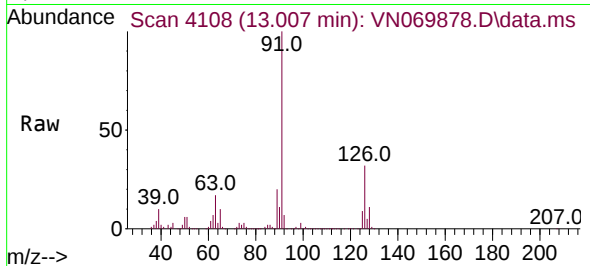
#79
2-Chlorotoluene
Concen: 51.983 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.002 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 224102
Ion Ratio Lower Upper
91 100
126 32.1 18.3 54.8

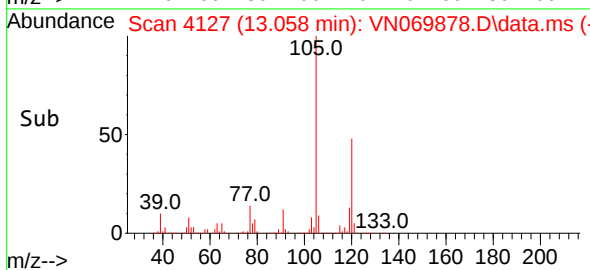
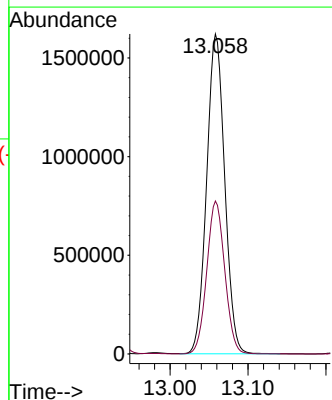
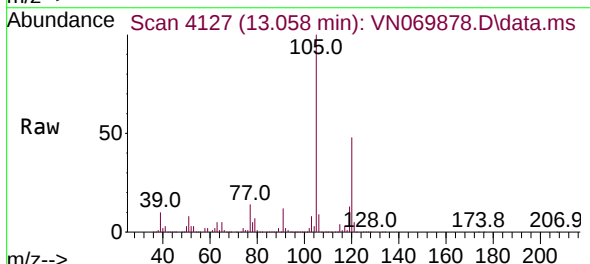
Manual Integrations
APPROVED

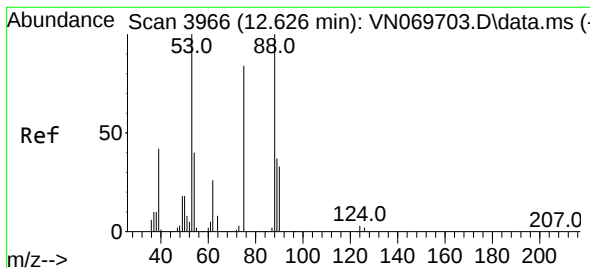
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#80
1,3,5-Trimethylbenzene
Concen: 52.978 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.002 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

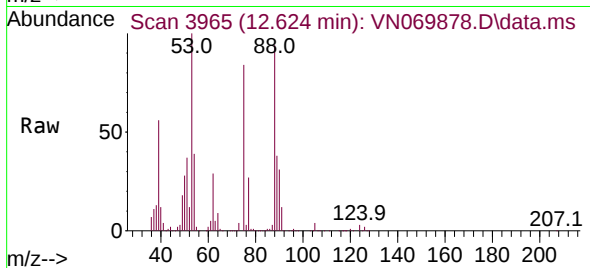
Tgt Ion:105 Resp: 2614413
Ion Ratio Lower Upper
105 100
120 47.6 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 48.346 ug/l
RT: 12.624 min Scan# 3966
Delta R.T. -0.002 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

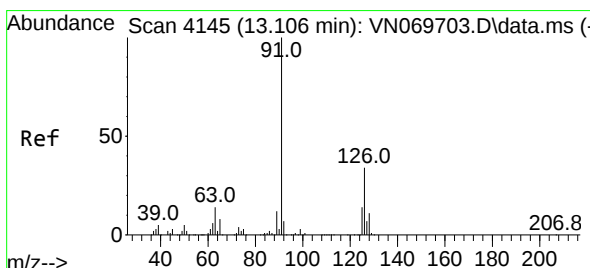
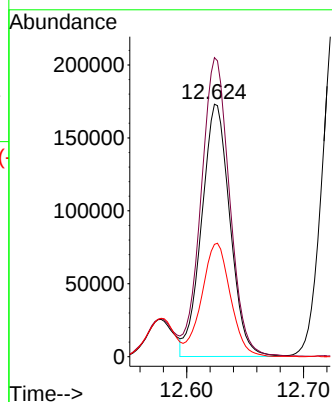
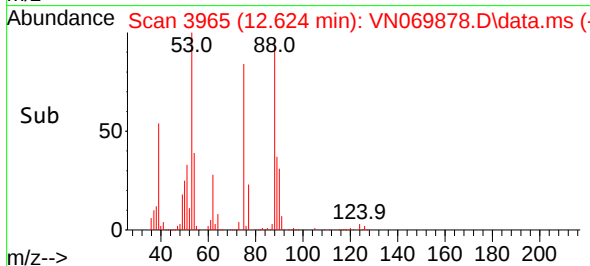
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 291039
Ion Ratio Lower Upper
75 100
53 118.9 90.5 135.7
89 45.4 38.2 57.4

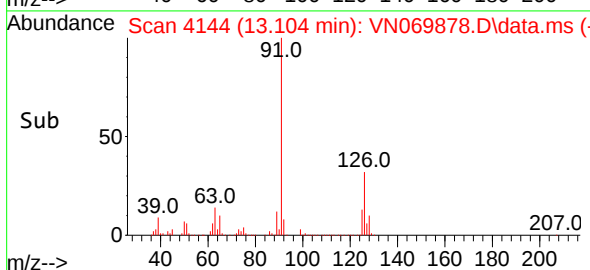
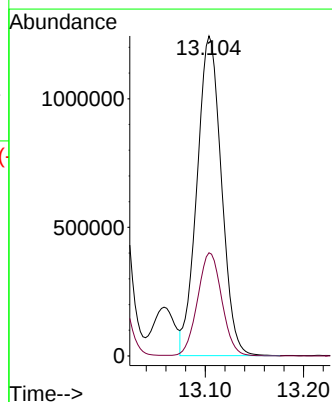
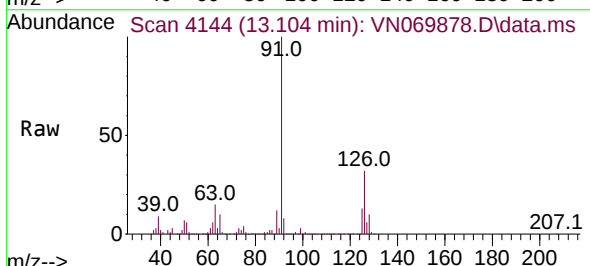
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#82
4-Chlorotoluene
Concen: 52.803 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.002 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

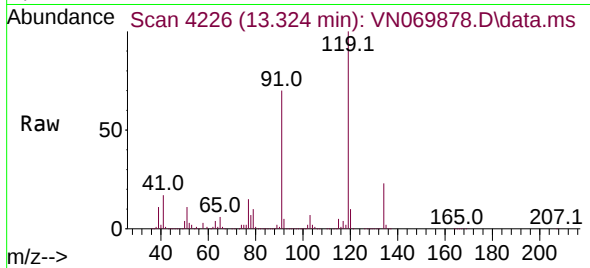
Tgt Ion: 91 Resp: 2140752
Ion Ratio Lower Upper
91 100
126 32.1 18.2 54.6





#83
tert-Butylbenzene
Concen: 52.646 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

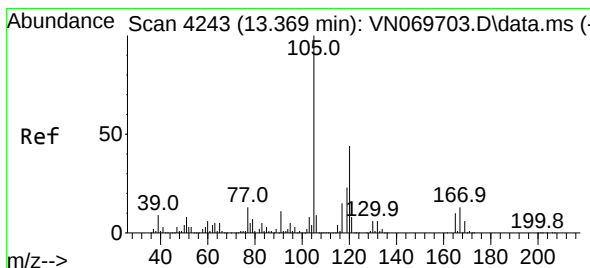
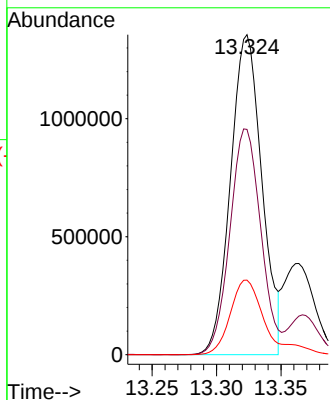
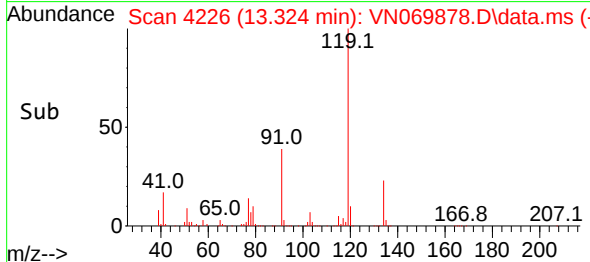
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



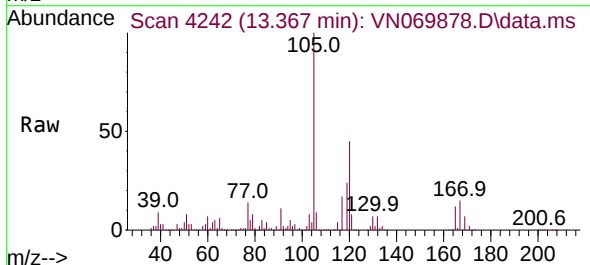
Tgt Ion:119 Resp: 2300456
Ion Ratio Lower Upper
119 100
91 69.7 31.5 94.5
134 26.0 12.4 37.4

Manual Integrations
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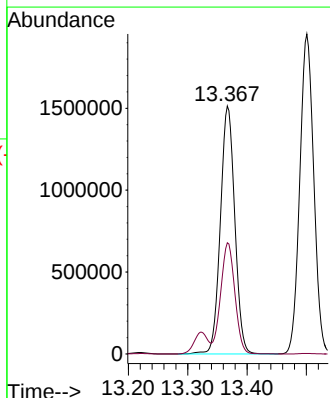
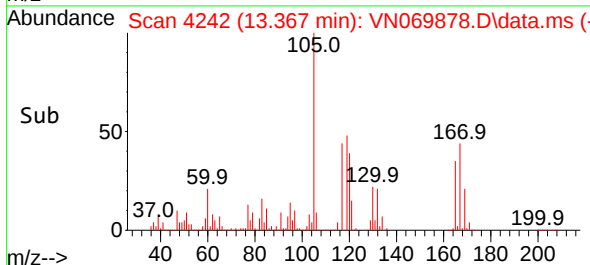
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

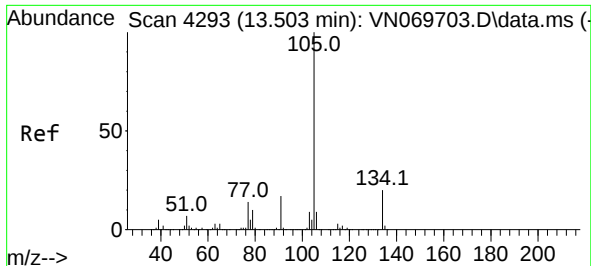


#84
1,2,4-Trimethylbenzene
Concen: 54.513 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. -0.002 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51



Tgt Ion:105 Resp: 2561976
Ion Ratio Lower Upper
105 100
120 44.2 22.8 68.4





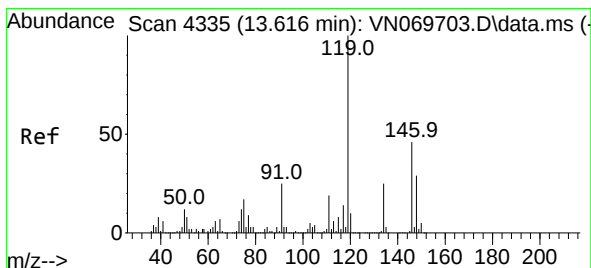
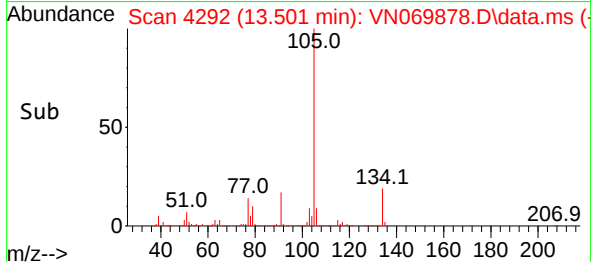
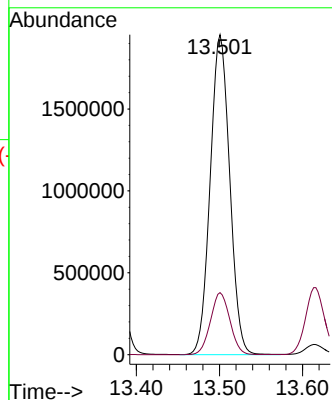
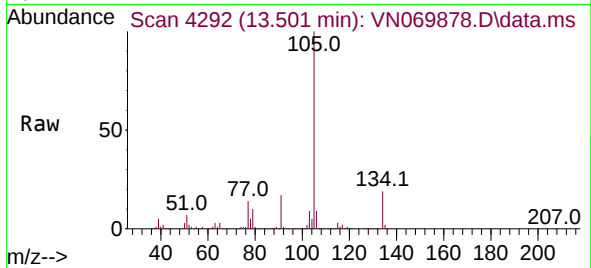
#85
 sec-Butylbenzene
 Concen: 53.646 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.002 min
 Lab File: VN069878.D
 Acq: 8 Dec 2021 22:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 3179620
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1

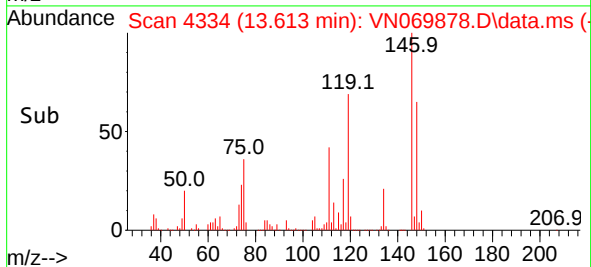
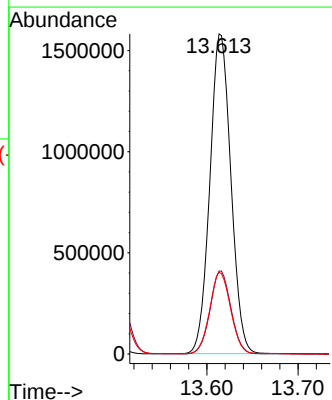
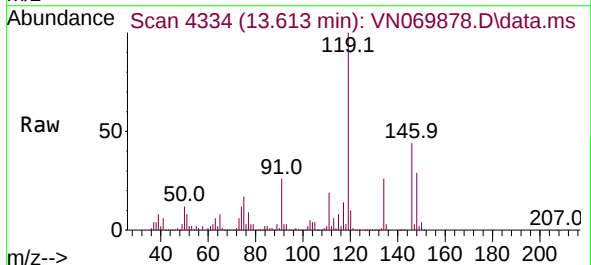
Manual Integrations
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Reviewed By :John Carlone 12/10/2021
 Supervised By :Mahesh Dadoda 12/15/2021



#86
 p-Isopropyltoluene
 Concen: 54.568 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. -0.002 min
 Lab File: VN069878.D
 Acq: 8 Dec 2021 22:51

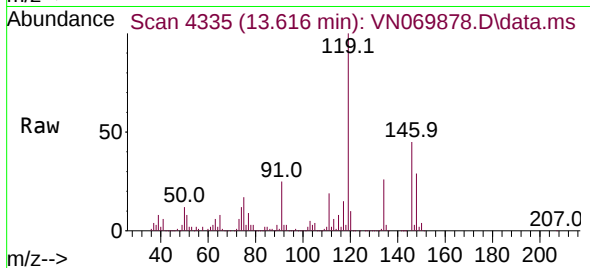
Tgt Ion:119 Resp: 2528098
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 25.3 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 51.546 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

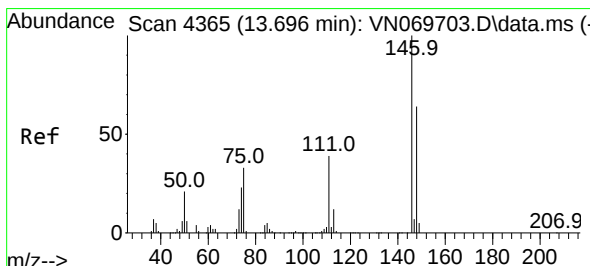
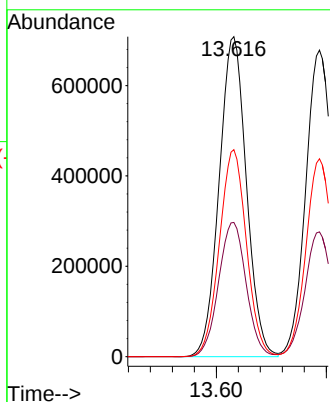
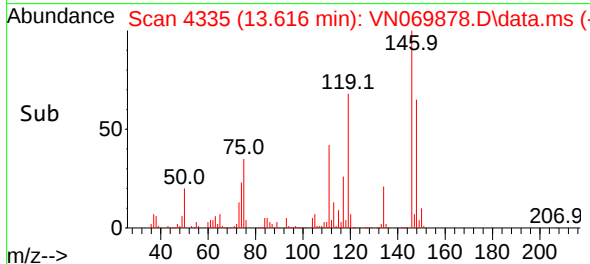
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



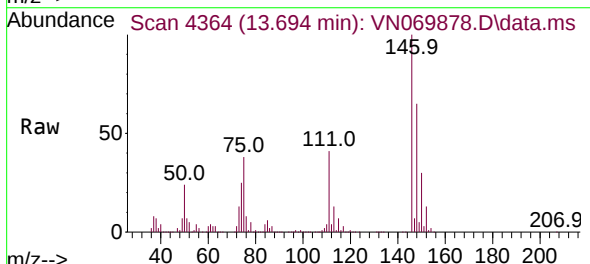
Tgt Ion:146 Resp: 1219539
Ion Ratio Lower Upper
146 100
111 42.4 18.6 55.6
148 64.3 31.6 95.0

Manual Integrations
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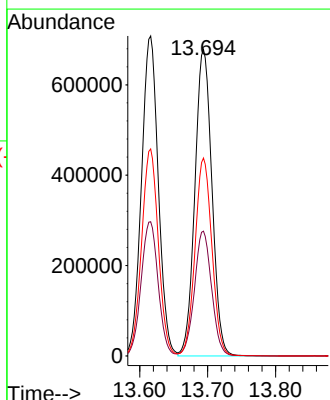
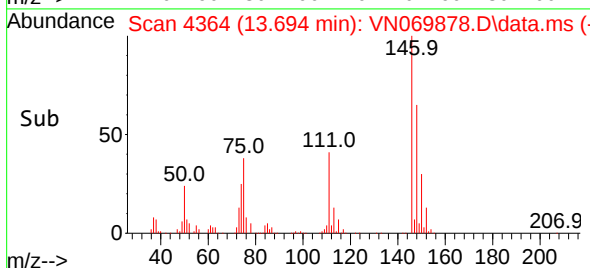
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#88
1,4-Dichlorobenzene
Concen: 50.767 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.002 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51



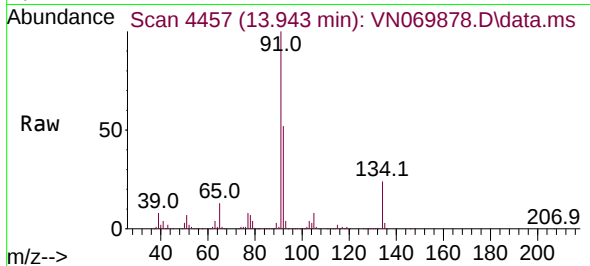
Tgt Ion:146 Resp: 1180353
Ion Ratio Lower Upper
146 100
111 41.2 18.3 54.8
148 63.8 31.8 95.4





#89
n-Butylbenzene
Concen: 54.242 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

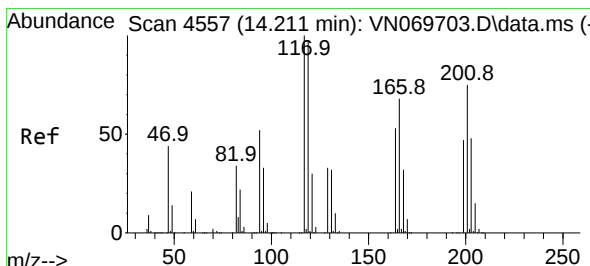
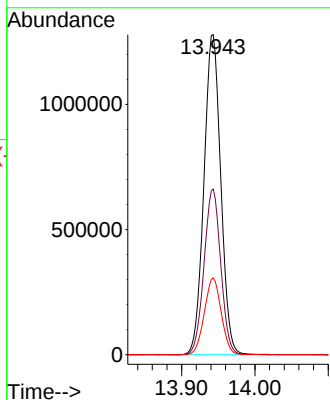
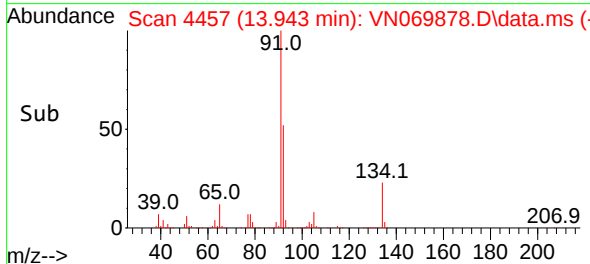
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 203853
Ion Ratio Lower Upper
91 100
92 51.5 25.4 76.0
134 24.0 13.6 40.8

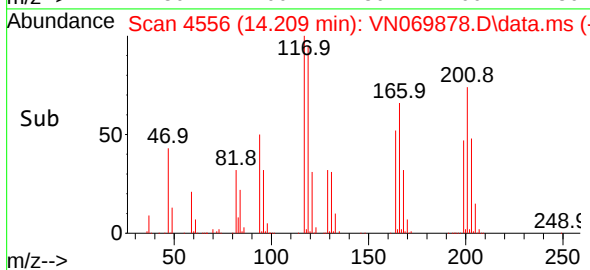
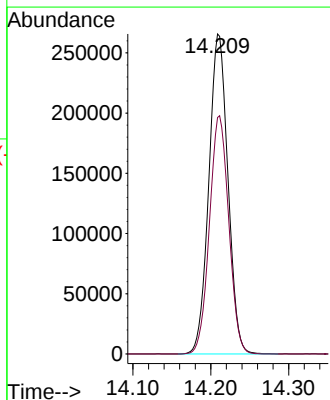
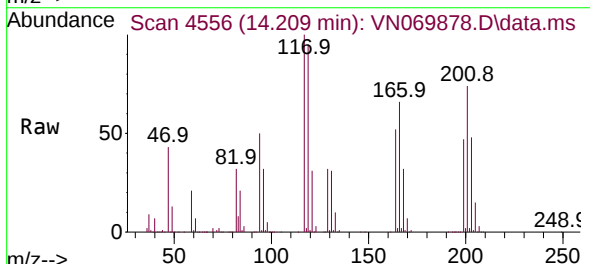
Manual Integrations
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Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#90
Hexachloroethane
Concen: 55.576 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.002 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

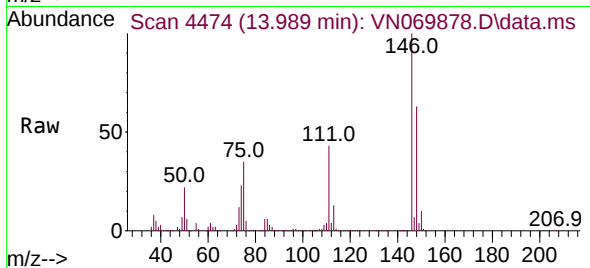
Tgt Ion:117 Resp: 452058
Ion Ratio Lower Upper
117 100
201 75.3 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 51.331 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

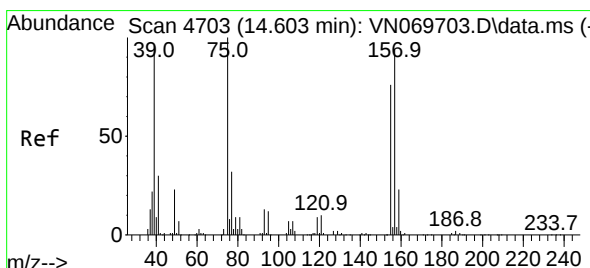
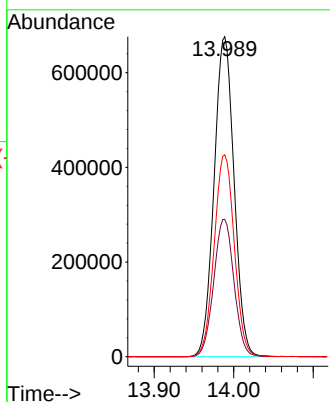
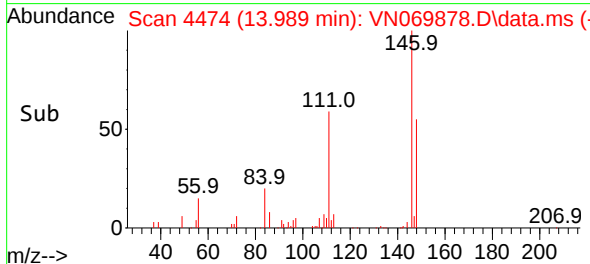
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



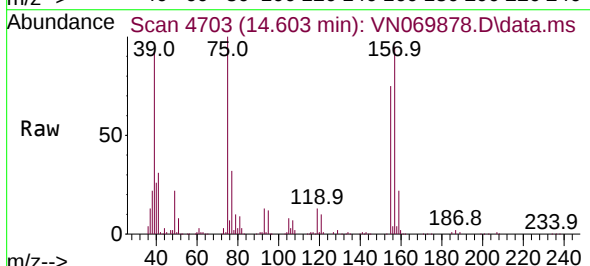
Tgt Ion:146 Resp: 1183299
Ion Ratio Lower Upper
146 100
111 43.4 19.1 57.3
148 63.7 32.1 96.3

Manual Integrations
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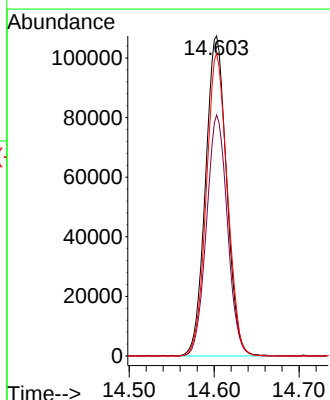
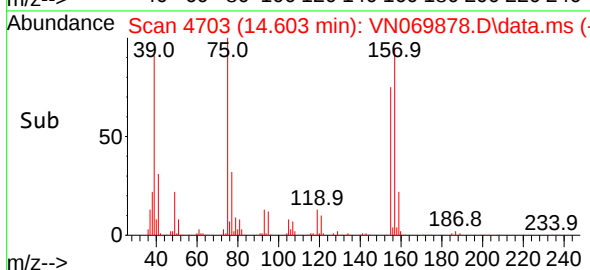
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

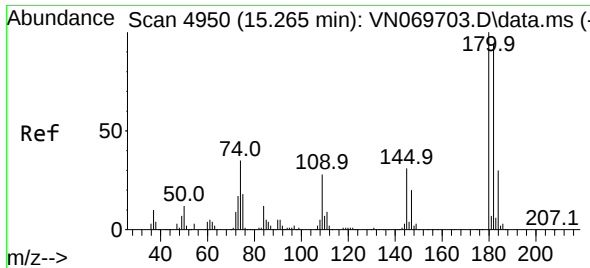


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.392 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51



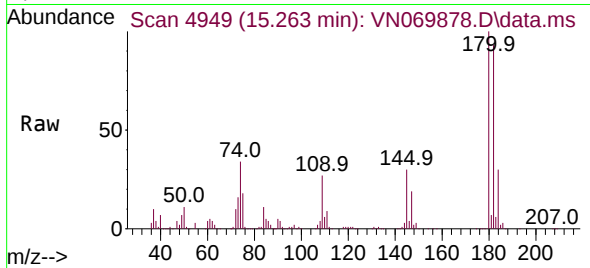
Tgt Ion: 75 Resp: 185398
Ion Ratio Lower Upper
75 100
155 74.6 46.9 140.7
157 94.1 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 46.826 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

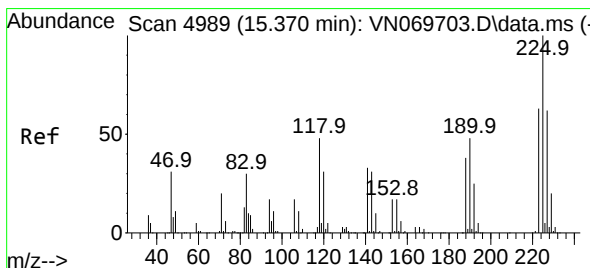
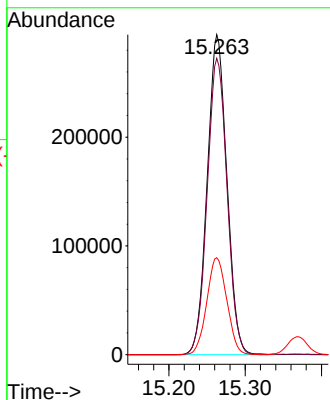
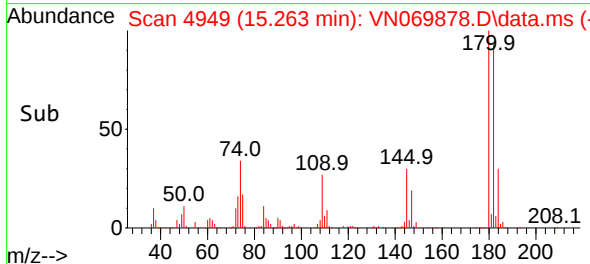
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



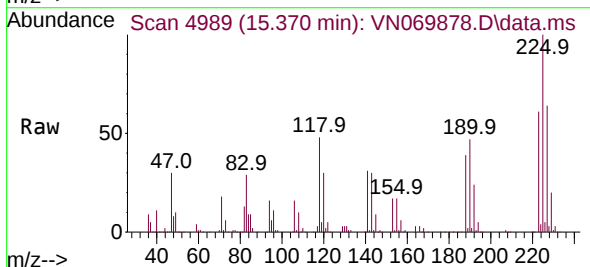
Tgt Ion:180 Resp: 527229
Ion Ratio Lower Upper
180 100
182 93.7 48.3 144.9
145 31.0 14.5 43.5

Manual Integrations
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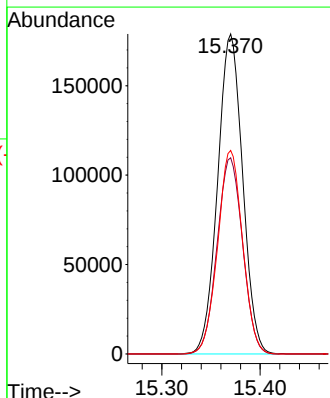
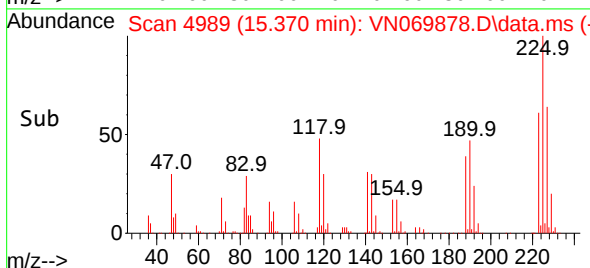
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

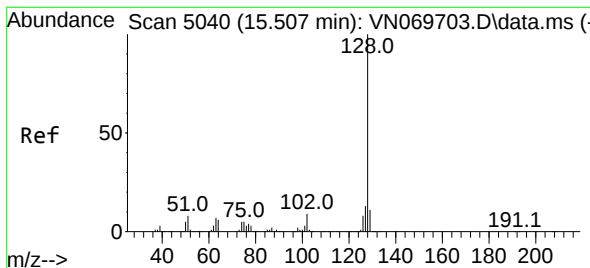


#94
Hexachlorobutadiene
Concen: 51.768 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51



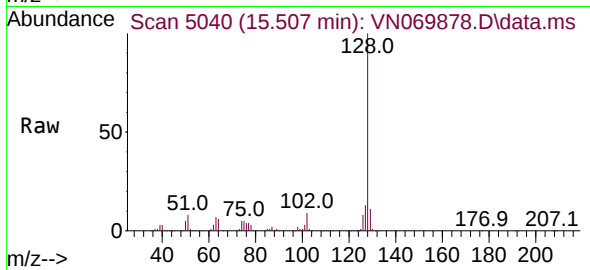
Tgt Ion:225 Resp: 316271
Ion Ratio Lower Upper
225 100
223 62.5 31.9 95.7
227 63.3 32.1 96.3





#95
Naphthalene
Concen: 41.451 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

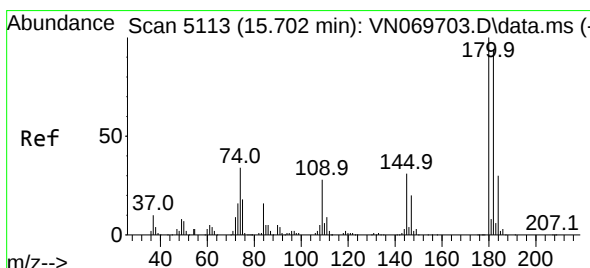
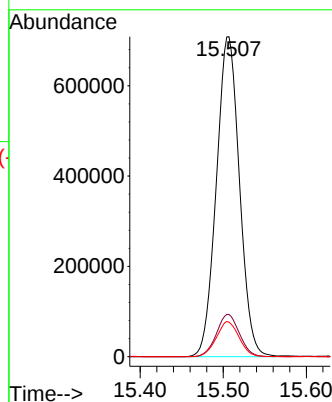
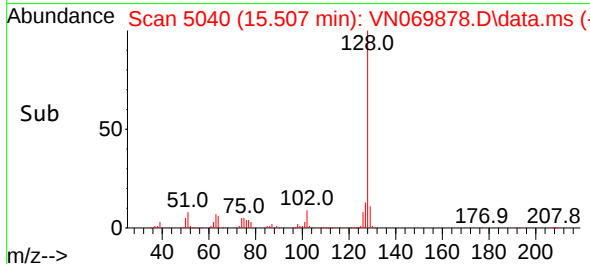
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 1371010
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#96
1,2,3-Trichlorobenzene
Concen: 46.295 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069878.D
Acq: 8 Dec 2021 22:51

Tgt Ion:180 Resp: 508025
Ion Ratio Lower Upper
180 100
182 95.7 47.4 142.2
145 33.0 15.0 45.1

