

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120621\
 Data File : VN069777.D
 Acq On : 6 Dec 2021 11:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/07/2021
 Supervised By : Mahesh Dadoda 12/10/2021

Quant Time: Dec 06 15:11:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1088560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1752211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1656252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	728451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	803185	47.788	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.580%		
35) Dibromofluoromethane	8.021	113	548846	50.007	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.020%		
50) Toluene-d8	10.440	98	2190815	49.712	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.420%		
62) 4-Bromofluorobenzene	12.731	95	821300	51.442	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	670757	52.830	ug/l	99
3) Chloromethane	2.301	50	766967	48.218	ug/l	100
4) Vinyl Chloride	2.446	62	736498	50.356	ug/l	99
5) Bromomethane	2.834	94	401968	50.588	ug/l	99
6) Chloroethane	3.009	64	439726	49.063	ug/l	98
7) Trichlorofluoromethane	3.368	101	978594	50.980	ug/l	99
8) Diethyl Ether	3.821	74	372300	50.358	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.202	101	575550	53.488	ug/l	96
10) Methyl Iodide	4.414	142	657205	44.708	ug/l	97
11) Tert butyl alcohol	5.380	59	692388	217.937	ug/l	98
12) 1,1-Dichloroethene	4.173	96	520400	50.188	ug/l	88
13) Acrolein	4.039	56	1014937	375.138	ug/l	98
14) Allyl chloride	4.835	41	1179130	50.466	ug/l	94
15) Acrylonitrile	5.554	53	2003265	234.002	ug/l	99
16) Acetone	4.285	43	2623144	259.450	ug/l	96
17) Carbon Disulfide	4.524	76	1411866	52.705	ug/l	99
18) Methyl Acetate	4.854	43	1396392	45.757	ug/l	92
19) Methyl tert-butyl Ether	5.616	73	2014709	49.971	ug/l	96
20) Methylene Chloride	5.090	84	648694	48.264	ug/l	86
21) trans-1,2-Dichloroethene	5.591	96	567630	50.401	ug/l	89
22) Diisopropyl ether	6.495	45	2364015	51.765	ug/l	96
23) Vinyl Acetate	6.434	43	9678016	260.484	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	1223463	51.717	ug/l	98
25) 2-Butanone	7.335	43	3252778	236.788	ug/l	91
26) 2,2-Dichloropropane	7.324	77	982609	53.422	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	681564	50.089	ug/l	85
28) Bromochloromethane	7.657	49	600175	48.787	ug/l #	79
29) Tetrahydrofuran	7.686	42	1953690	234.213	ug/l	88
30) Chloroform	7.817	83	1217353	50.953	ug/l	100
31) Cyclohexane	8.094	56	1174773	50.225	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	1048349	51.513	ug/l	95
36) 1,1-Dichloropropene	8.220	75	897171	53.786	ug/l	97
37) Ethyl Acetate	7.413	43	1177316	47.421	ug/l	96
38) Carbon Tetrachloride	8.206	117	888485	54.317	ug/l	99
39) Methylcyclohexane	9.459	83	1120529	56.475	ug/l	90
40) Benzene	8.458	78	2686525	52.691	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	590835	50.696	ug/l	89
42) 1,2-Dichloroethane	8.528	62	1063942	51.693	ug/l	96
43) Isopropyl Acetate	8.560	43	1863822	50.731	ug/l #	93
44) Trichloroethene	9.217	130	645625	53.054	ug/l	88
45) 1,2-Dichloropropane	9.488	63	723720	52.859	ug/l	99
46) Dibromomethane	9.577	93	471561	52.516	ug/l	93
47) Bromodichloromethane	9.762	83	942899	55.461	ug/l	99
48) Methyl methacrylate	9.558	41	878720	51.251	ug/l	86
49) 1,4-Dioxane	9.569	88	302200	982.308	ug/l #	85
51) 4-Methyl-2-Pentanone	10.331	43	6073456	254.823	ug/l	95
52) Toluene	10.505	92	1678029	53.908	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	1011033	49.468	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	1095176	50.984	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	655216	52.169	ug/l	97
56) Ethyl methacrylate	10.762	69	1118697	47.334	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	1166188	52.734	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1350145	213.848	ug/l	91
59) 2-Hexanone	11.084	43	4566425	253.273	ug/l	93
60) Dibromochloromethane	11.237	129	673528	50.048	ug/l	100
61) 1,2-Dibromoethane	11.344	107	686225	52.752	ug/l	99
64) Tetrachloroethene	10.977	164	594011	52.893	ug/l	96
65) Chlorobenzene	11.771	112	1772982	52.767	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	646210	54.642	ug/l	99
67) Ethyl Benzene	11.843	91	3367553	55.175	ug/l	96
68) m/p-Xylenes	11.953	106	2485939	111.863	ug/l #	1
69) o-Xylene	12.280	106	1232772	55.072	ug/l	92
70) Styrene	12.294	104	2006118	56.518	ug/l	95
71) Bromoform	12.457	173	499348	49.402	ug/l #	100
73) Isopropylbenzene	12.578	105	3270692	50.465	ug/l	98
74) N-amyl acetate	12.388	43	1402654	48.937	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1057139	47.168	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	1070349m	51.237	ug/l	
77) Bromobenzene	12.860	156	746034	49.006	ug/l	80
78) n-propylbenzene	12.919	91	3811413	52.847	ug/l	96
79) 2-Chlorotoluene	13.007	91	2293527	50.328	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2707770	51.907	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	305699	48.065	ug/l	95
82) 4-Chlorotoluene	13.104	91	2227419	51.974	ug/l	92
83) tert-Butylbenzene	13.324	119	2314010	50.096	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	2628442	52.907	ug/l	98
85) sec-Butylbenzene	13.501	105	3303363	52.724	ug/l	98
86) p-Isopropyltoluene	13.616	119	2653253	54.177	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1310586	52.403	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1257549	51.167	ug/l	97
89) n-Butylbenzene	13.943	91	2208260	55.585	ug/l	97
90) Hexachloroethane	14.211	117	457390	53.195	ug/l	89
91) 1,2-Dichlorobenzene	13.989	146	1240115	50.891	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	192661	47.572	ug/l	79
93) 1,2,4-Trichlorobenzene	15.265	180	573099	48.070	ug/l	98
94) Hexachlorobutadiene	15.370	225	343600	53.205	ug/l	100
95) Naphthalene	15.507	128	1432432	41.016	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	550242	47.374	ug/l	98

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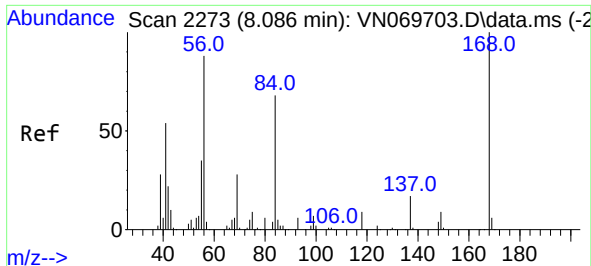
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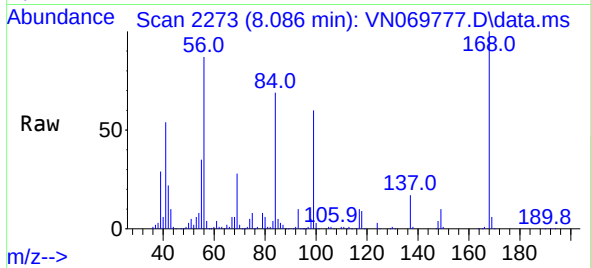
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
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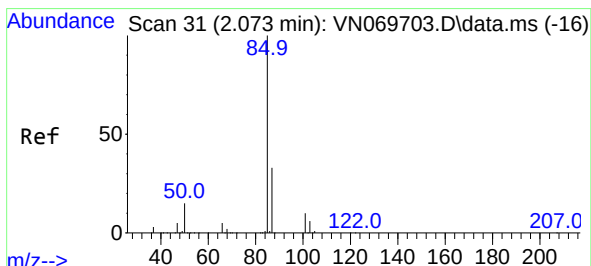
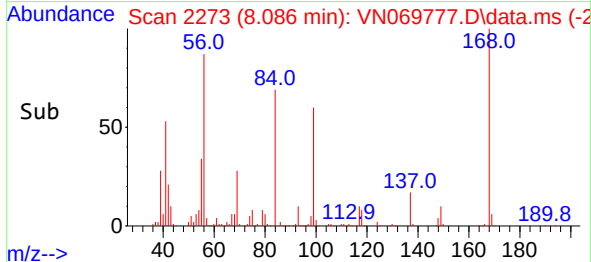
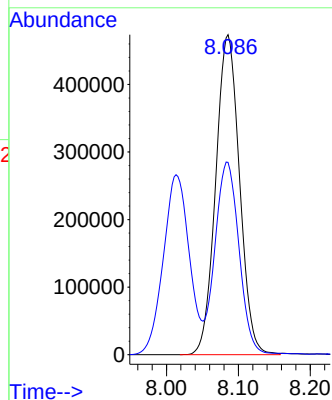
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 108856
Ion Ratio Lower Upper
168 100
99 59.6 41.3 61.9

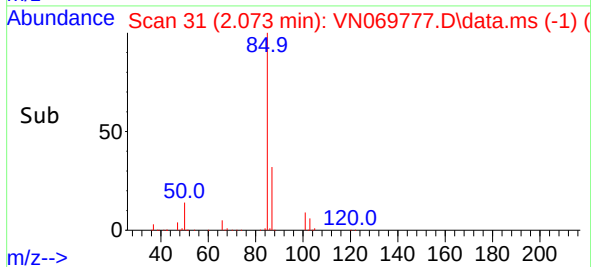
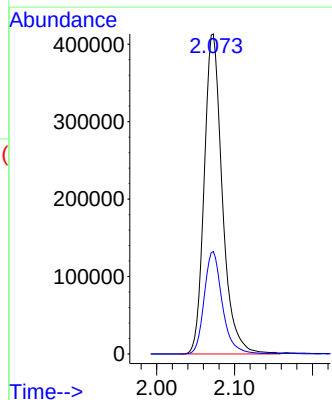
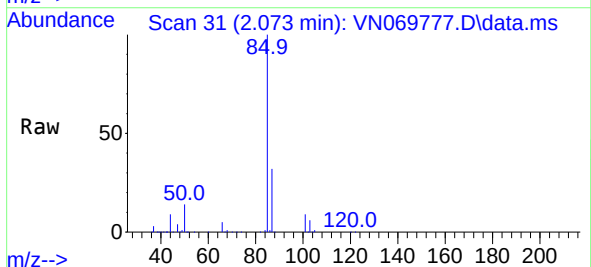
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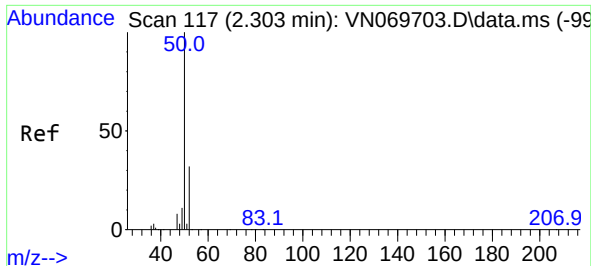
Reviewed By :John Carlone 12/07/2021
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#2
Dichlorodifluoromethane
Concen: 52.830 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

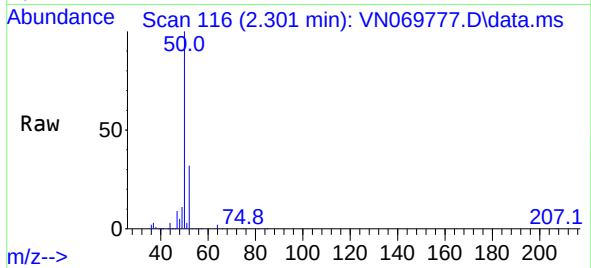
Tgt Ion: 85 Resp: 670757
Ion Ratio Lower Upper
85 100
87 32.0 16.3 48.9





#3
Chloromethane
Concen: 48.218 ug/l
RT: 2.301 min Scan# 117
Delta R.T. -0.002 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

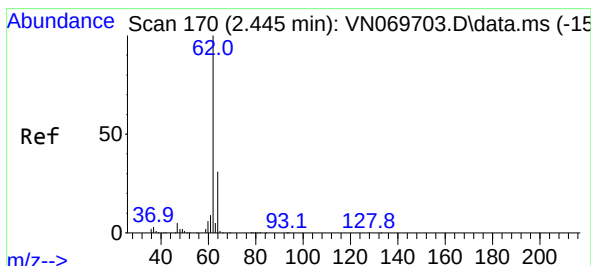
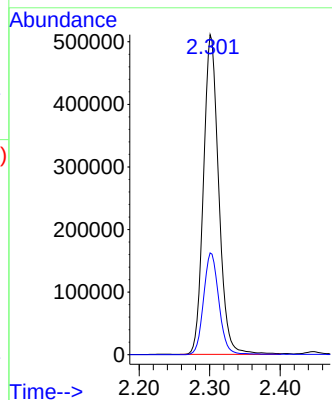
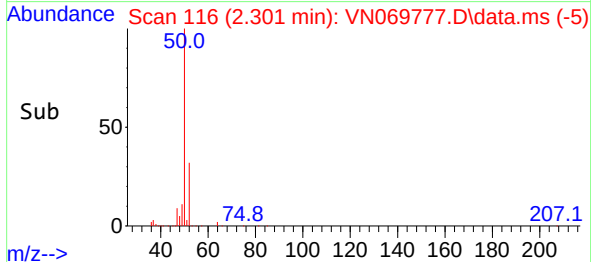
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Tgt Ion: 50 Resp: 76696
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.0

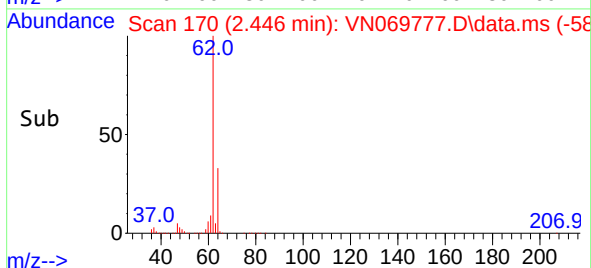
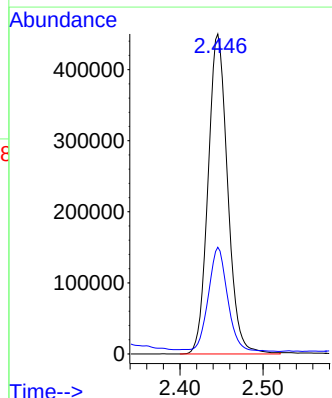
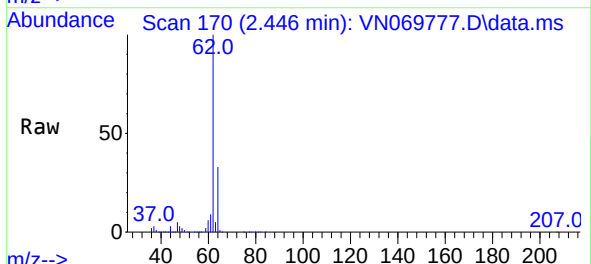
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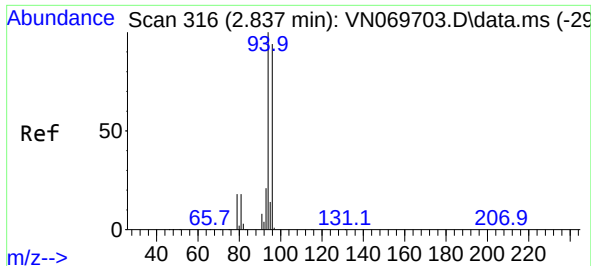
Reviewed By :John Carlone 12/07/2021
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#4
Vinyl Chloride
Concen: 50.356 ug/l
RT: 2.446 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN069777.D
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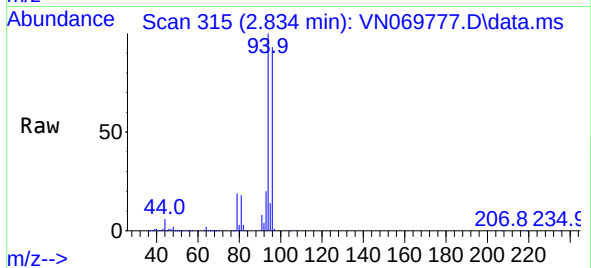
Tgt Ion: 62 Resp: 736498
Ion Ratio Lower Upper
62 100
64 32.5 25.8 38.6





#5
Bromomethane
Concen: 50.588 ug/l
RT: 2.834 min Scan# 316
Delta R.T. -0.003 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

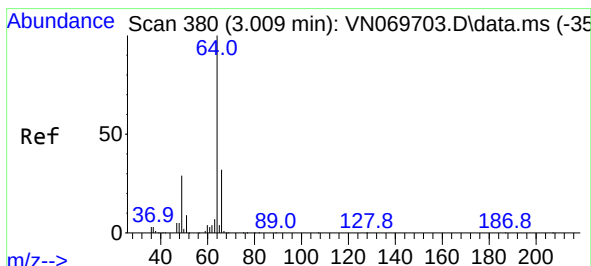
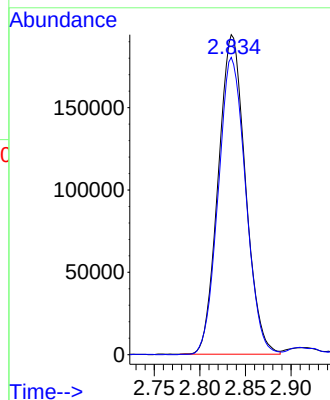
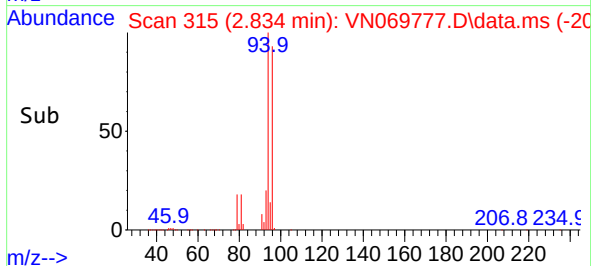
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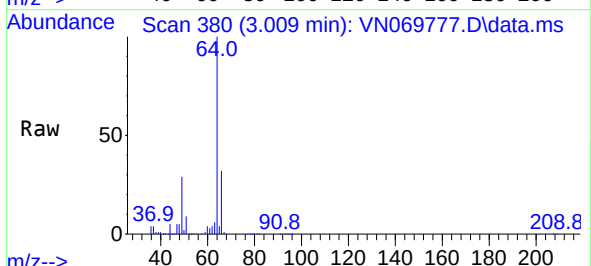
Tgt Ion: 94 Resp: 401968
Ion Ratio Lower Upper
94 100
96 93.0 73.8 110.8

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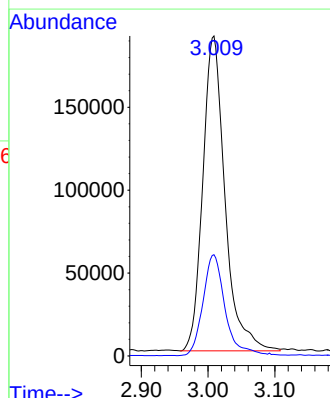
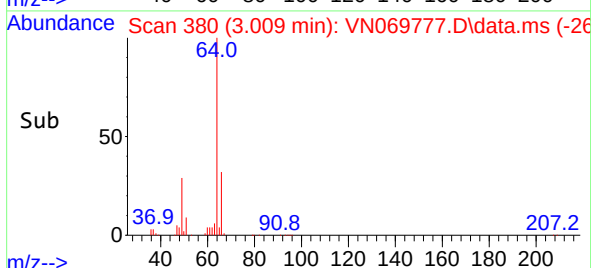
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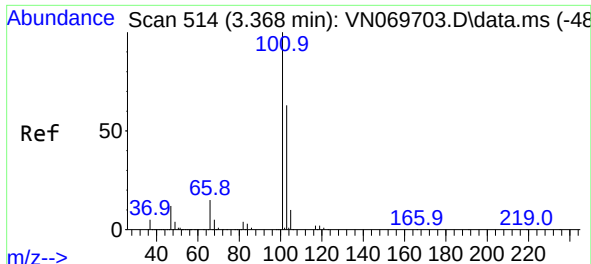


#6
Chloroethane
Concen: 49.063 ug/l
RT: 3.009 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN069777.D
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Tgt Ion: 64 Resp: 439726
Ion Ratio Lower Upper
64 100
66 32.0 26.3 39.5





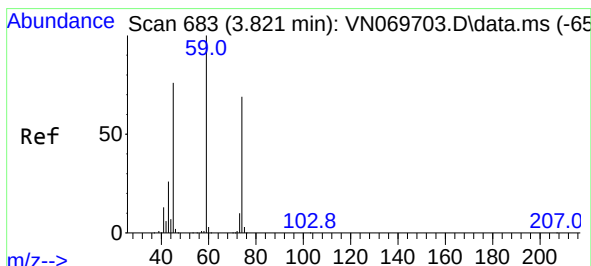
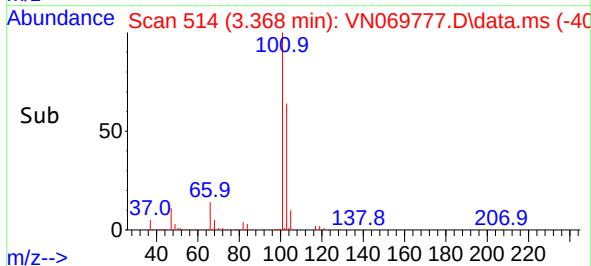
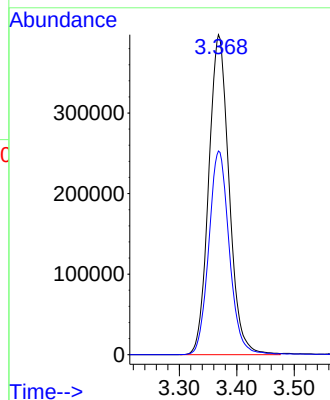
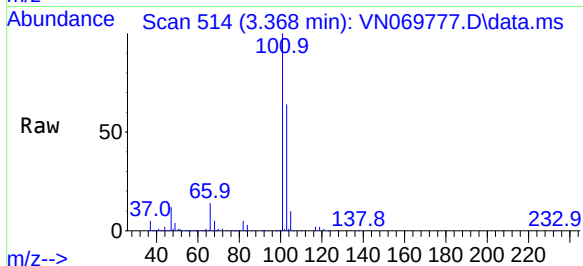
#7
Trichlorofluoromethane
Concen: 50.980 ug/l
RT: 3.368 min Scan# 514
Delta R.T. 0.000 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 978594
Ion Ratio Lower Upper
101 100
103 63.6 50.1 75.1

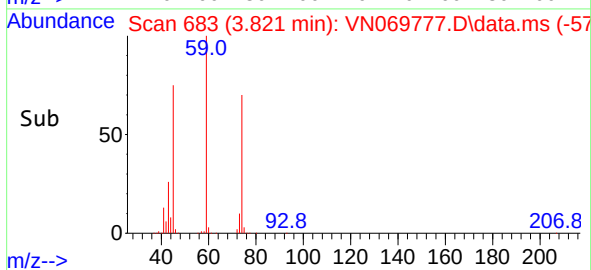
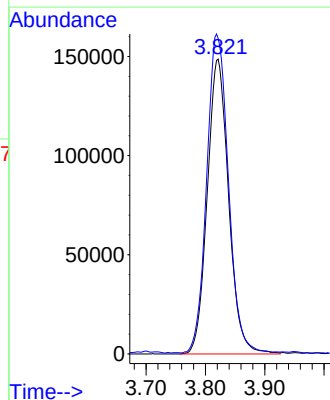
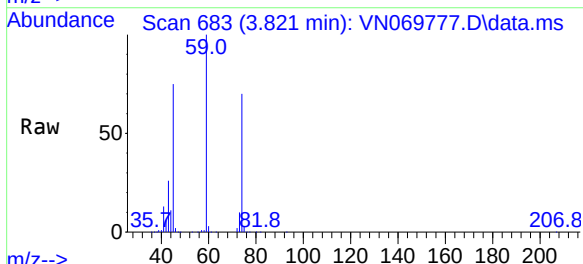
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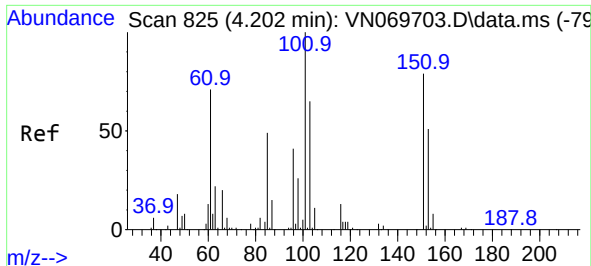
Reviewed By :John Carlone 12/07/2021
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#8
Diethyl Ether
Concen: 50.358 ug/l
RT: 3.821 min Scan# 683
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 372300
Ion Ratio Lower Upper
74 100
45 109.6 47.0 141.2





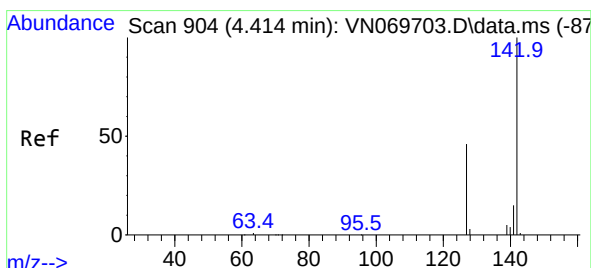
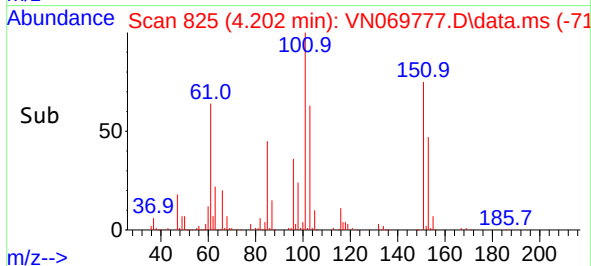
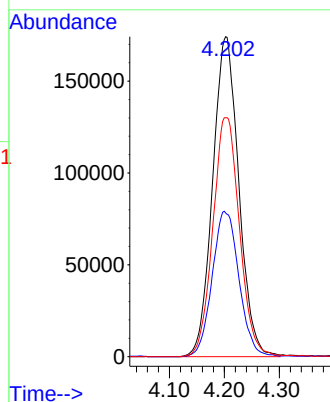
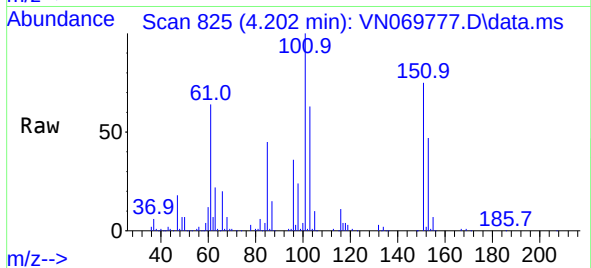
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.488 ug/l
RT: 4.202 min Scan# 825
Delta R.T. 0.000 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 575550
Ion Ratio Lower Upper
101 100
85 46.6 37.2 55.8
151 76.3 65.9 98.9

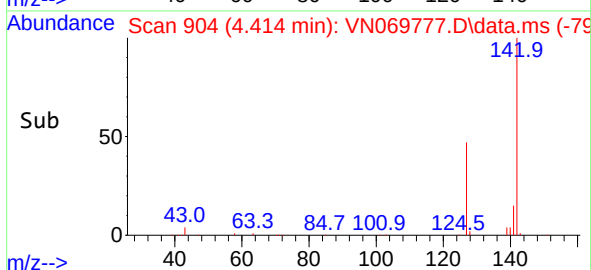
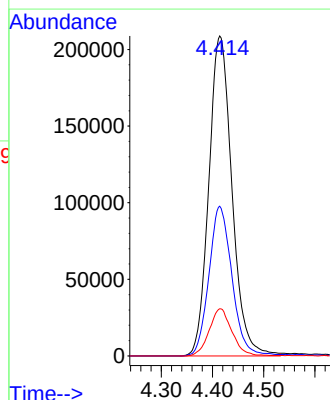
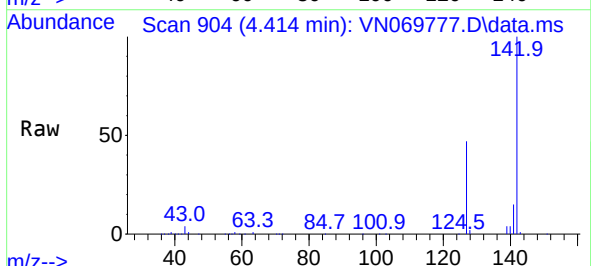
Manual Integrations
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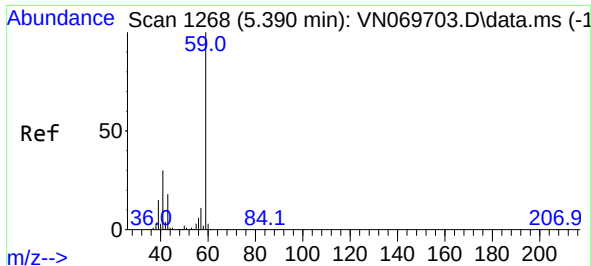
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#10
Methyl Iodide
Concen: 44.708 ug/l
RT: 4.414 min Scan# 904
Delta R.T. 0.000 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

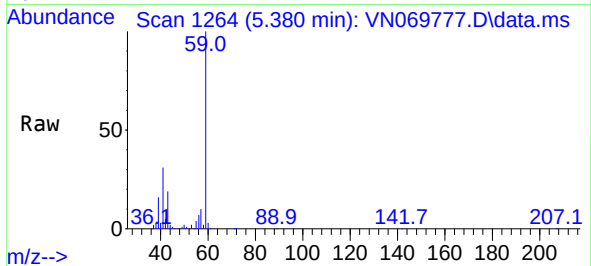
Tgt Ion:142 Resp: 657205
Ion Ratio Lower Upper
142 100
127 46.6 35.4 53.0
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 217.937 ug/l
RT: 5.380 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

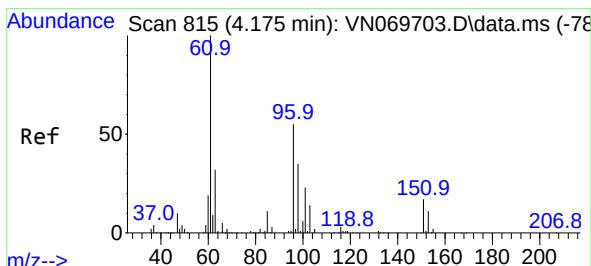
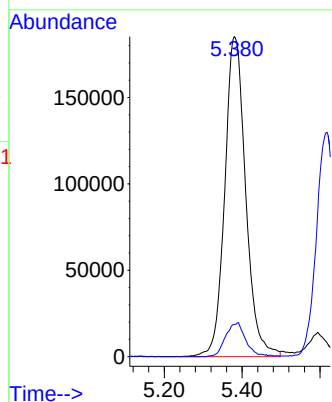
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 69238
Ion Ratio Lower Upper
59 100
57 10.0 8.7 13.1

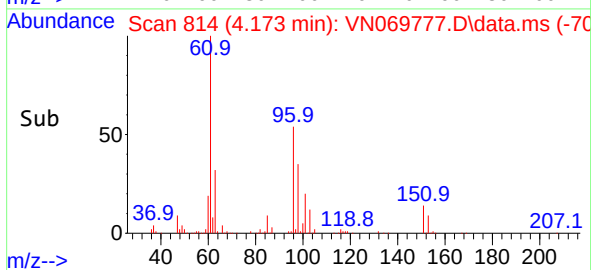
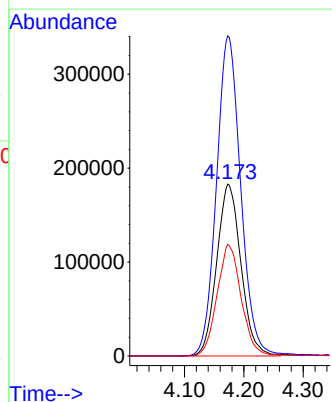
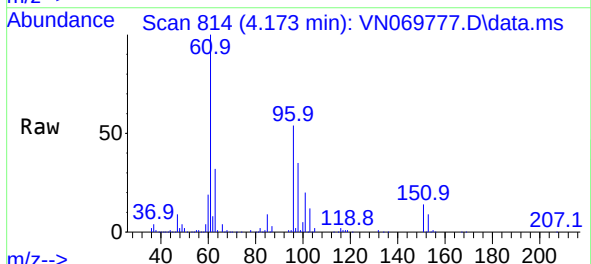
Manual Integrations
APPROVED

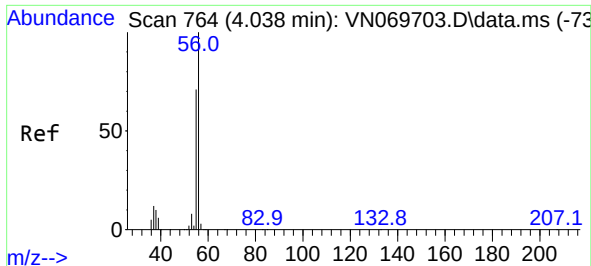
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#12
1,1-Dichloroethene
Concen: 50.188 ug/l
RT: 4.173 min Scan# 814
Delta R.T. -0.003 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

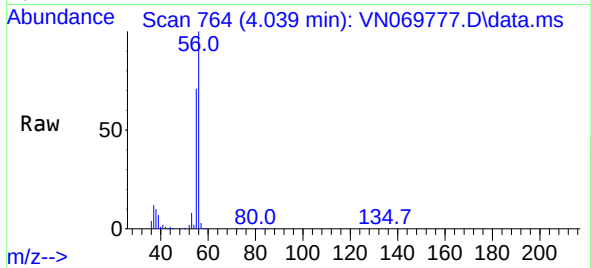
Tgt Ion: 96 Resp: 520400
Ion Ratio Lower Upper
96 100
61 186.2 131.0 196.6
98 64.9 52.4 78.6





#13
Acrolein
Concen: 375.138 ug/l
RT: 4.039 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

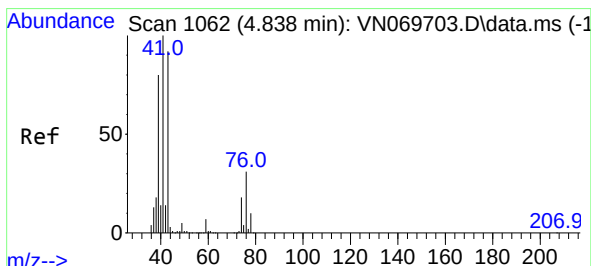
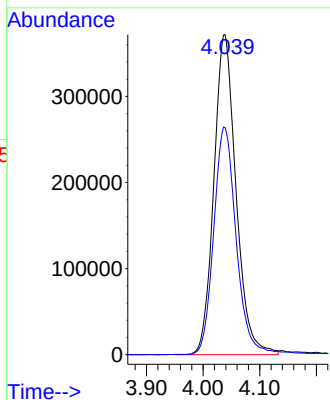
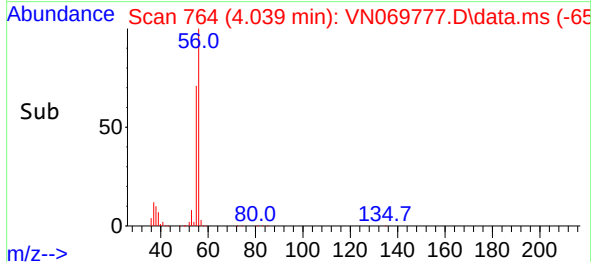
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



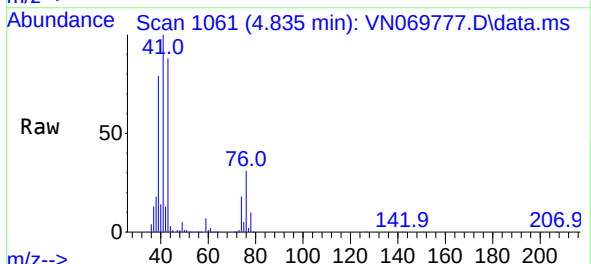
Tgt Ion: 56 Resp: 101493
Ion Ratio Lower Upper
56 100
55 72.3 56.6 85.0

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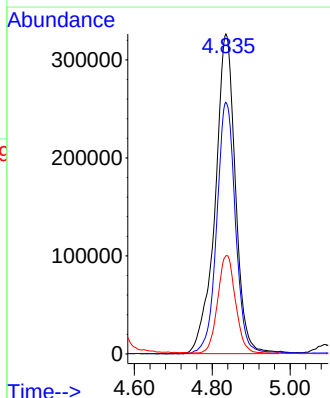
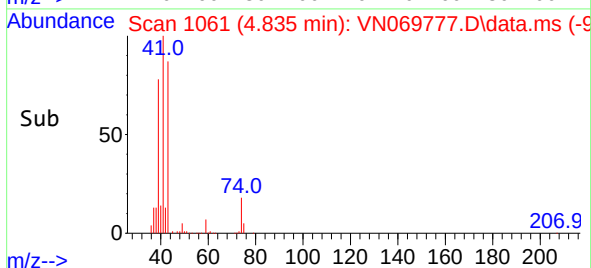
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

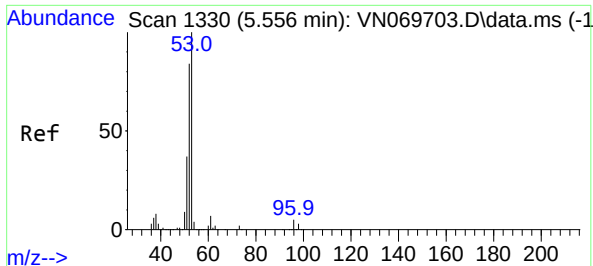


#14
Allyl chloride
Concen: 50.466 ug/l
RT: 4.835 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30



Tgt Ion: 41 Resp: 1179130
Ion Ratio Lower Upper
41 100
39 72.9 61.2 91.8
76 26.6 26.0 39.0





#15

Acrylonitrile

Concen: 234.002 ug/l

RT: 5.554 min Scan# 1

Delta R.T. -0.003 min

Lab File: VN069777.D

Acq: 6 Dec 2021 11:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 53 Resp: 200326

Ion Ratio Lower Upper

53 100

52 83.7 66.2 99.2

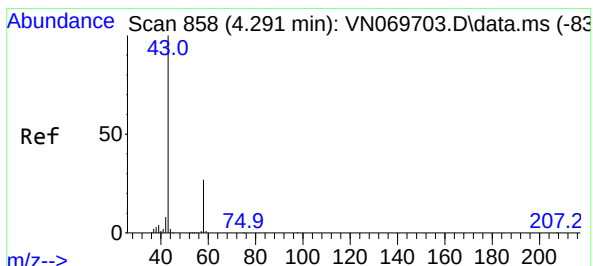
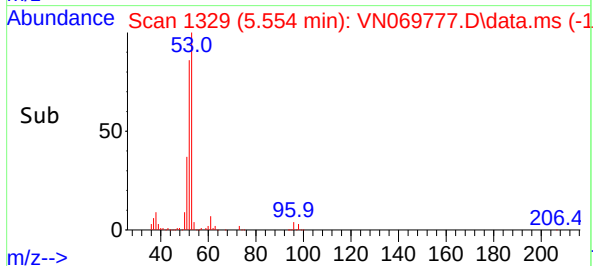
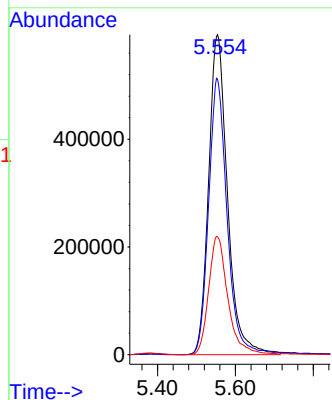
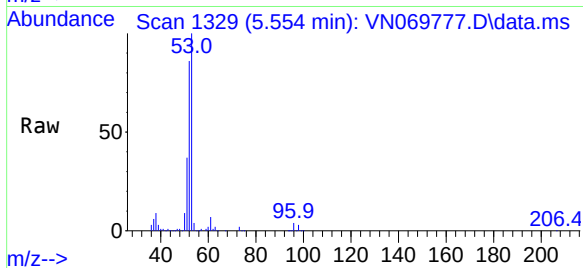
51 37.6 29.6 44.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/07/2021

Supervised By :Mahesh Dadoda 12/10/2021



#16

Acetone

Concen: 259.450 ug/l

RT: 4.285 min Scan# 856

Delta R.T. -0.005 min

Lab File: VN069777.D

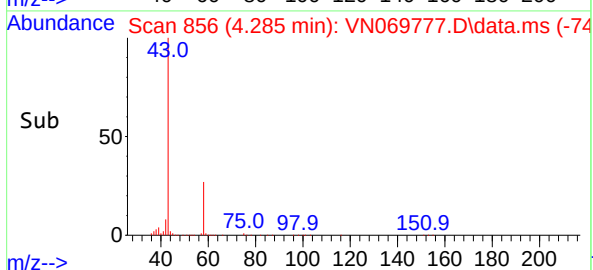
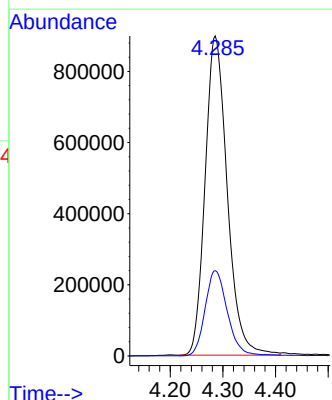
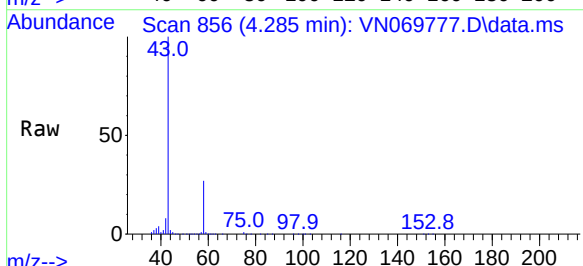
Acq: 6 Dec 2021 11:30

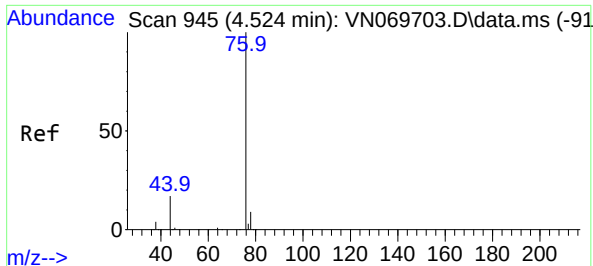
Tgt Ion: 43 Resp: 2623144

Ion Ratio Lower Upper

43 100

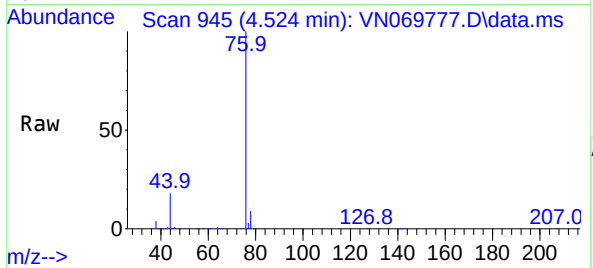
58 26.7 23.1 34.7





#17
Carbon Disulfide
Concen: 52.705 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

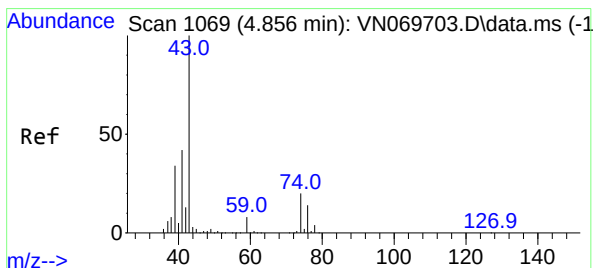
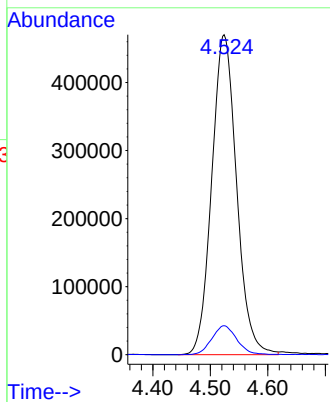
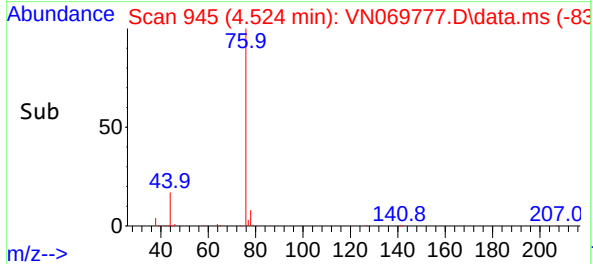
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



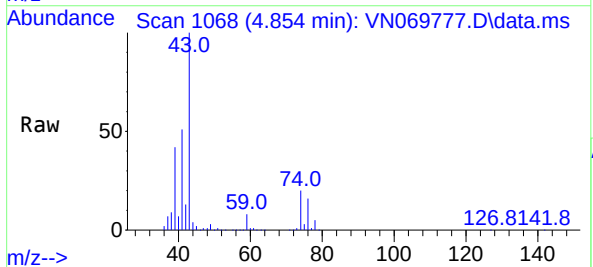
Tgt Ion: 76 Resp: 141186
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

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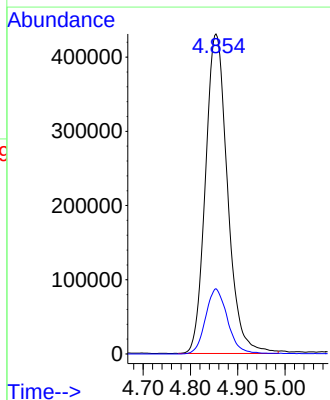
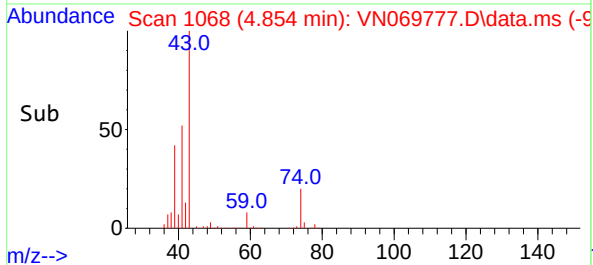
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

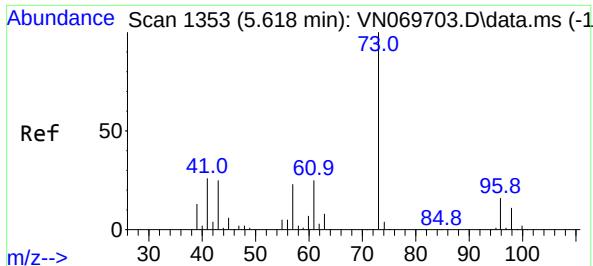


#18
Methyl Acetate
Concen: 45.757 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30



Tgt Ion: 43 Resp: 1396392
Ion Ratio Lower Upper
43 100
74 20.3 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 49.971 ug/l

RT: 5.616 min Scan# 1156

Delta R.T. -0.003 min

Lab File: VN069777.D

Acq: 6 Dec 2021 11:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 2014709

Ion Ratio Lower Upper

73 100

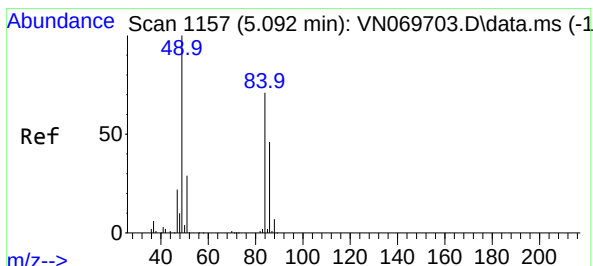
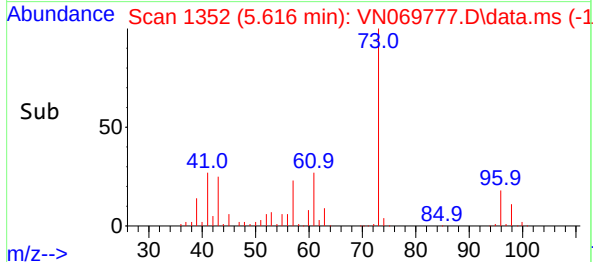
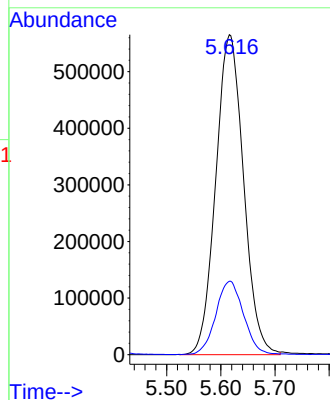
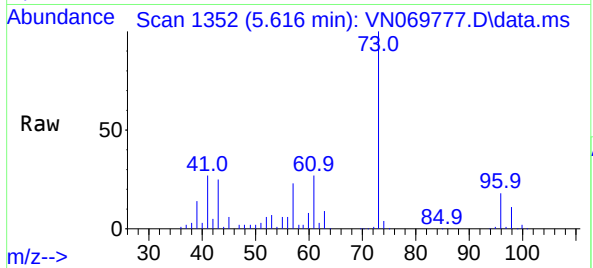
57 22.8 16.8 25.2

Manual Integrations

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Reviewed By :John Carlone 12/07/2021

Supervised By :Mahesh Dadoda 12/10/2021



#20

Methylene Chloride

Concen: 48.264 ug/l

RT: 5.090 min Scan# 1156

Delta R.T. -0.002 min

Lab File: VN069777.D

Acq: 6 Dec 2021 11:30

Tgt Ion: 84 Resp: 648694

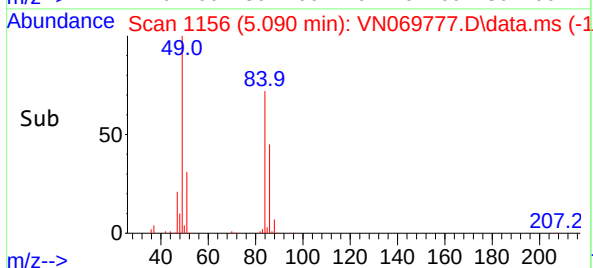
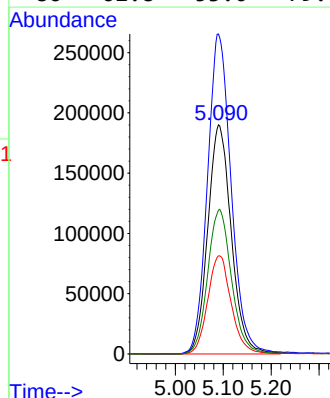
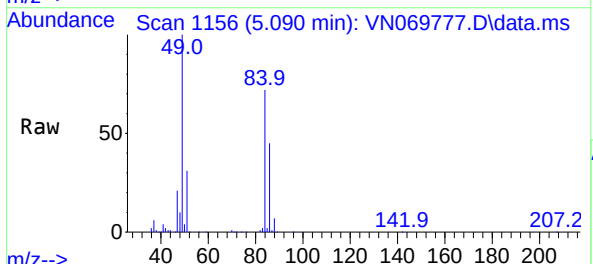
Ion Ratio Lower Upper

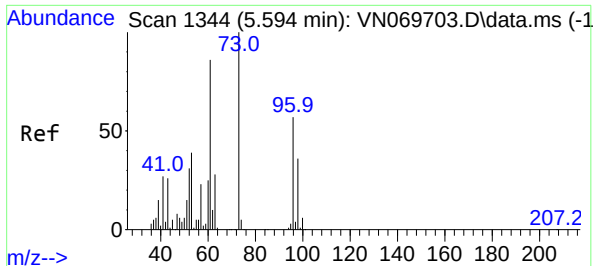
84 100

49 139.5 93.5 140.3

51 42.7 29.4 44.2

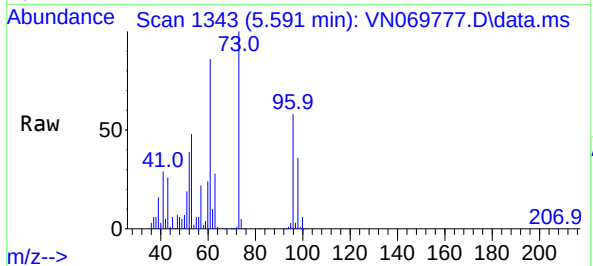
86 62.8 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 50.401 ug/l
RT: 5.591 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

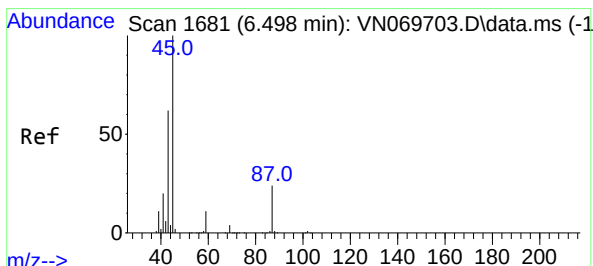
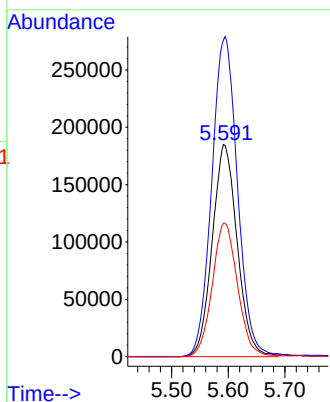
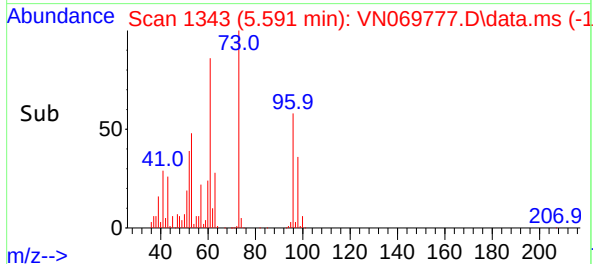
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



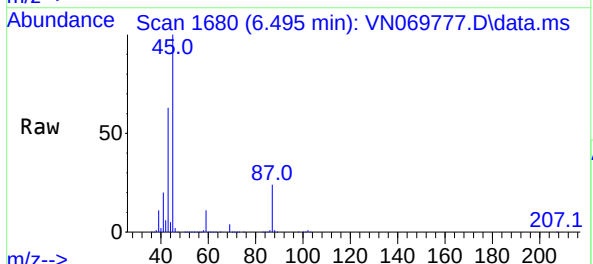
Tgt Ion: 96 Resp: 567630
Ion Ratio Lower Upper
96 100
61 149.3 105.8 158.6
98 63.0 52.0 78.0

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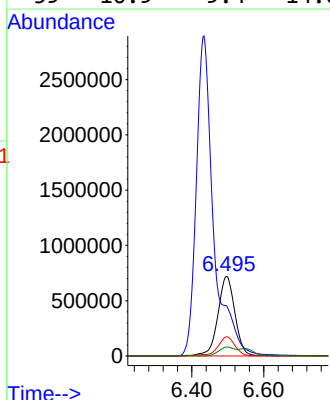
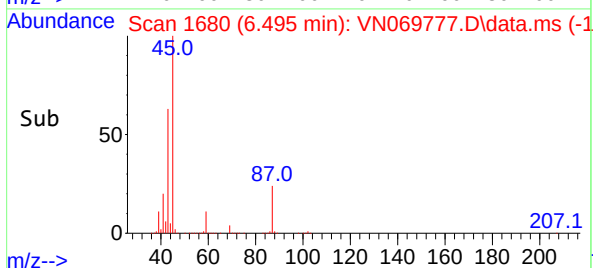
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

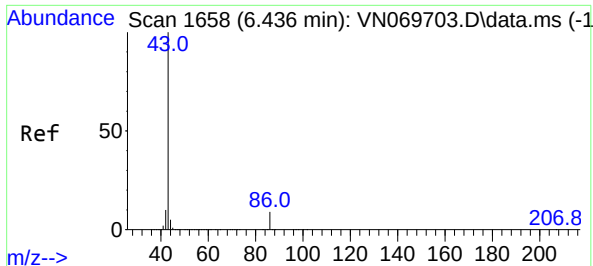


#22
Diisopropyl ether
Concen: 51.765 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30



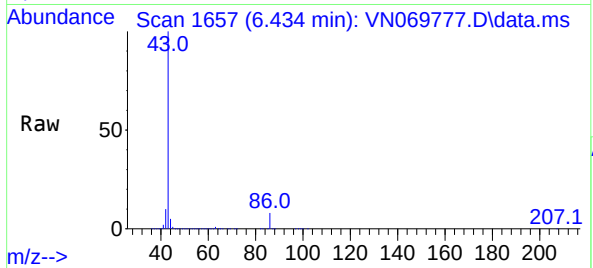
Tgt Ion: 45 Resp: 2364015
Ion Ratio Lower Upper
45 100
43 62.8 51.7 77.5
87 24.0 23.2 34.8
59 10.9 9.4 14.0





#23
 Vinyl Acetate
 Concen: 260.484 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.002 min
 Lab File: VN069777.D
 Acq: 6 Dec 2021 11:30

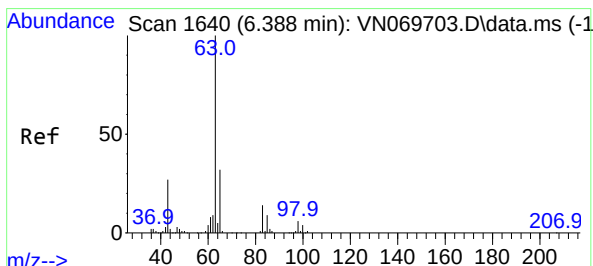
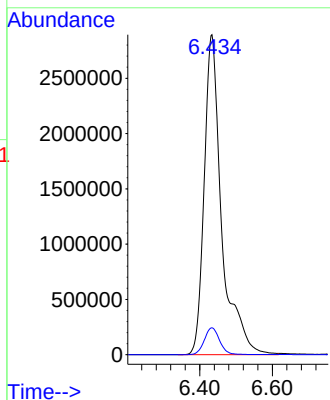
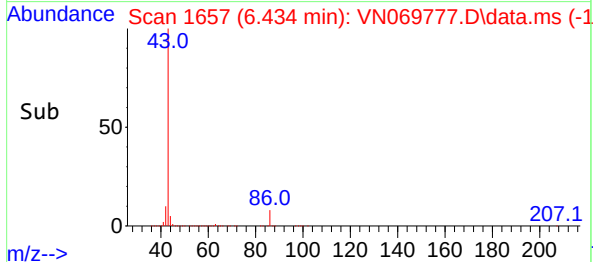
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



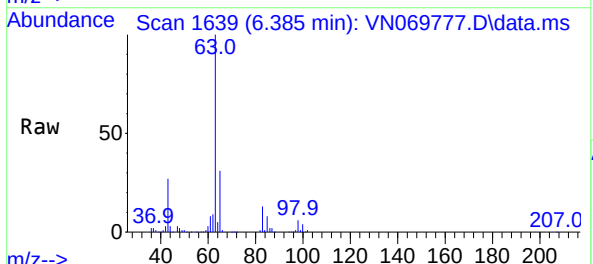
Tgt Ion: 43 Resp: 9678010
 Ion Ratio Lower Upper
 43 100
 86 8.4 8.5 12.7

Manual Integrations
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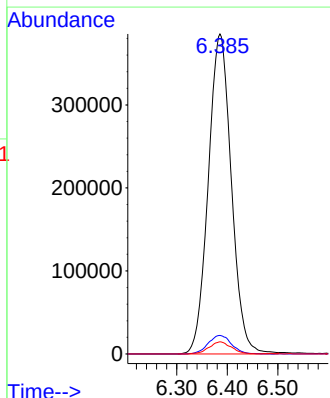
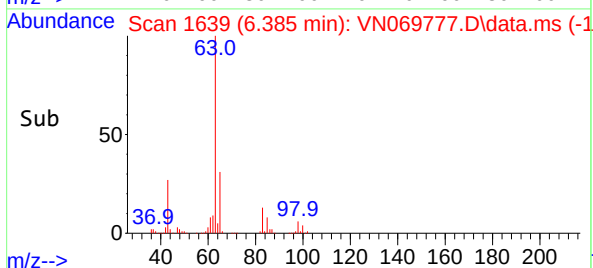
Reviewed By :John Carlone 12/07/2021
 Supervised By :Mahesh Dadoda 12/10/2021

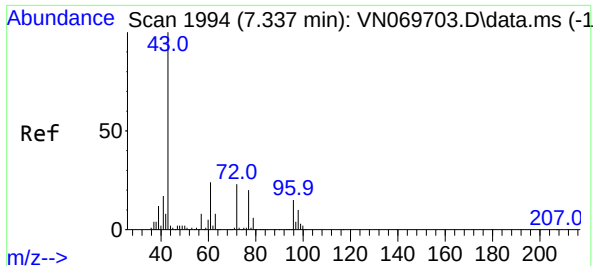


#24
 1,1-Dichloroethane
 Concen: 51.717 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.003 min
 Lab File: VN069777.D
 Acq: 6 Dec 2021 11:30



Tgt Ion: 63 Resp: 1223463
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.3 9.9
 100 3.8 2.1 6.5





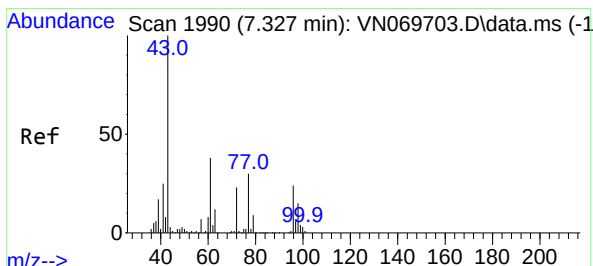
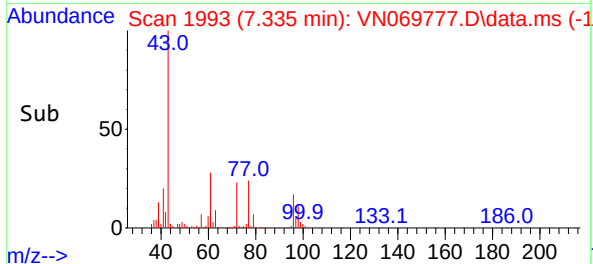
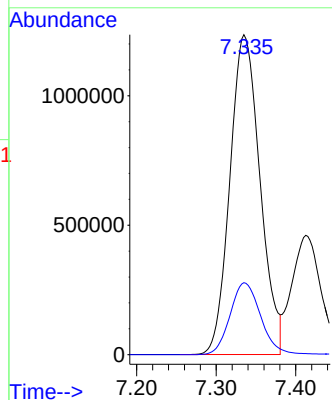
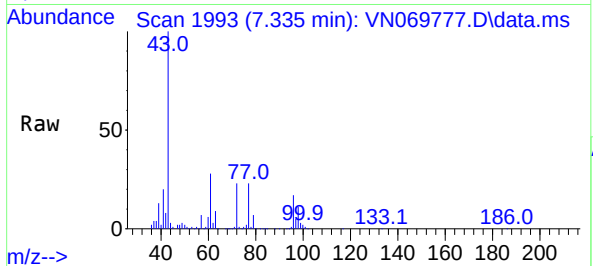
#25
2-Butanone
Concen: 236.788 ug/l
RT: 7.335 min Scan# 1994
Delta R.T. -0.003 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 3252778
Ion Ratio Lower Upper
43 100
72 22.5 21.7 32.5

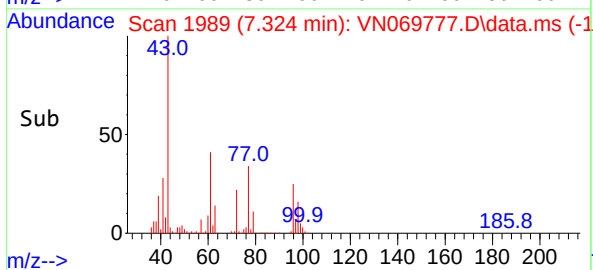
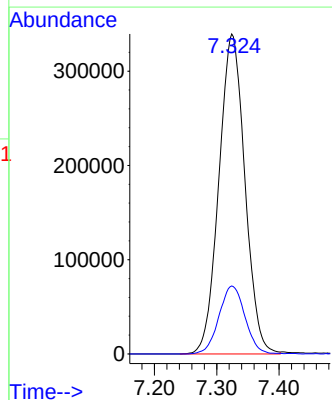
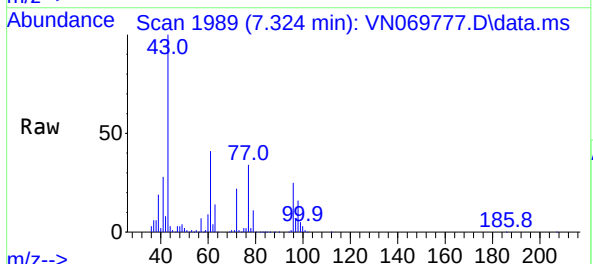
Manual Integrations
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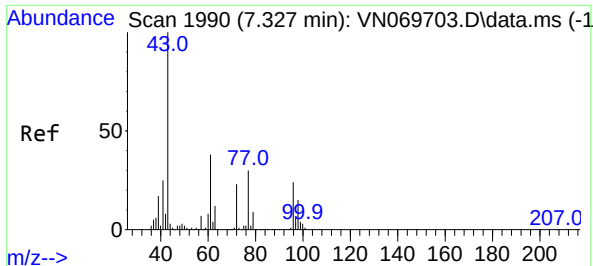
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#26
2,2-Dichloropropane
Concen: 53.422 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

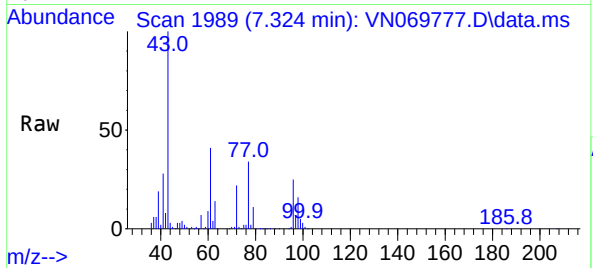
Tgt Ion: 77 Resp: 982609
Ion Ratio Lower Upper
77 100
97 21.3 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 50.089 ug/l
RT: 7.324 min Scan# 1990
Delta R.T. -0.003 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

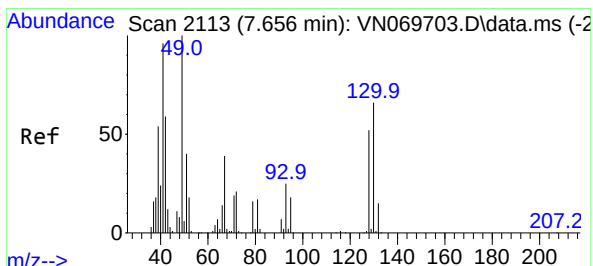
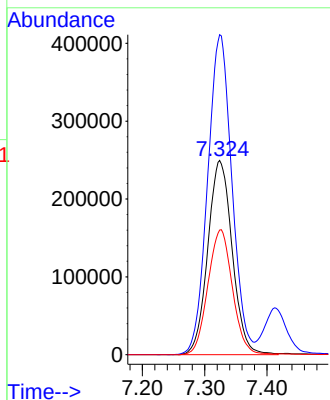
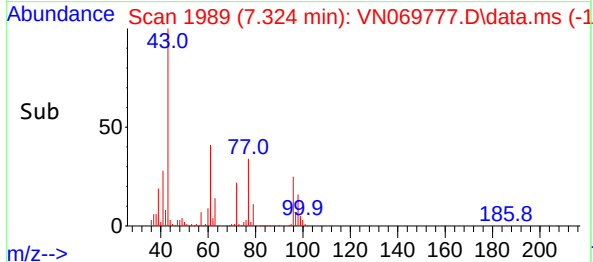
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 681564
Ion Ratio Lower Upper
96 100
61 163.6 0.0 275.0
98 64.3 0.0 129.6

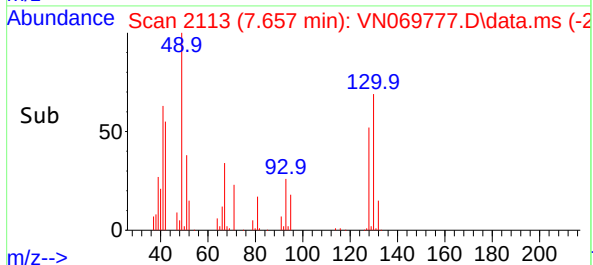
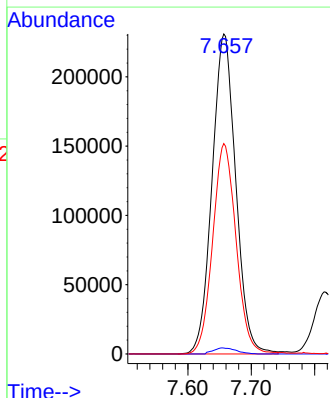
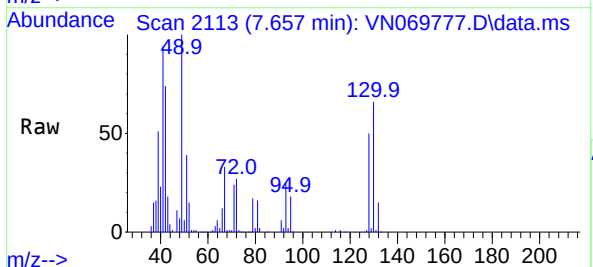
Manual Integrations
APPROVED

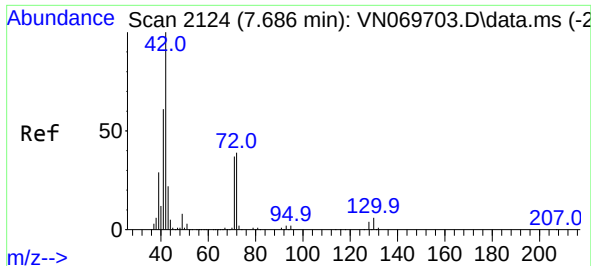
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#28
Bromochloromethane
Concen: 48.787 ug/l
RT: 7.657 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

Tgt Ion: 49 Resp: 600175
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.0
130 65.1 67.8 101.8#





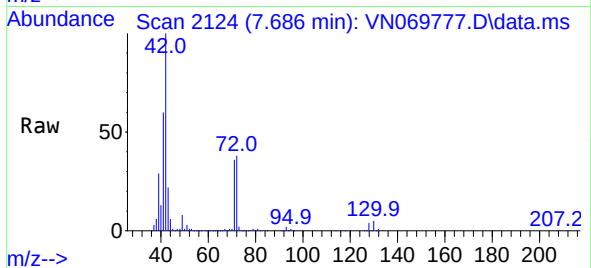
#29
Tetrahydrofuran
Concen: 234.213 ug/l
RT: 7.686 min Scan# 2124
Delta R.T. 0.000 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

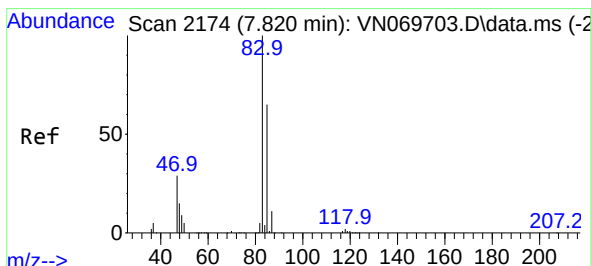
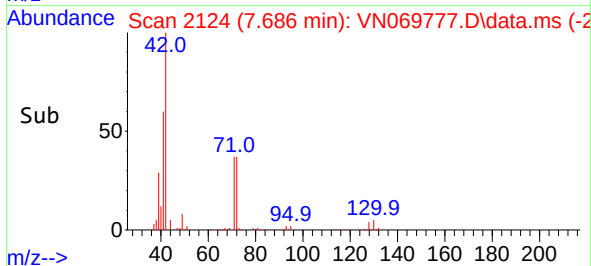
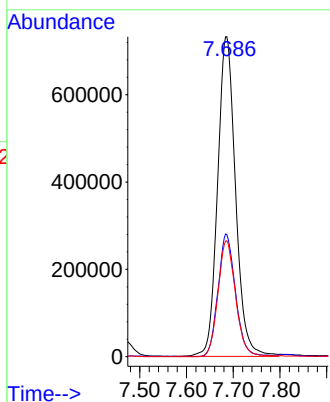


Tgt Ion: 42 Resp: 1953690
Ion Ratio Lower Upper
42 100
72 37.3 36.3 54.5
71 35.6 34.7 52.1

Manual Integrations

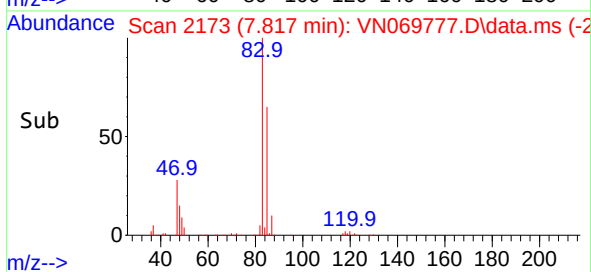
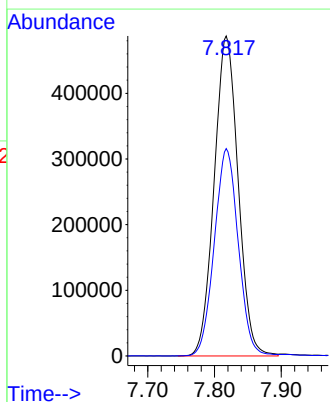
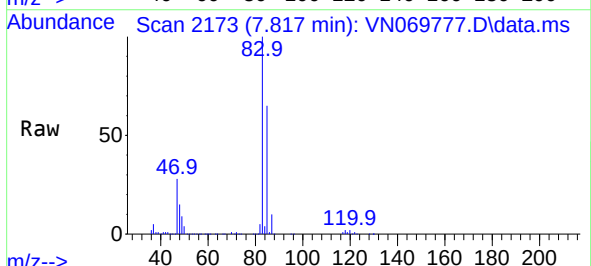
APPROVED

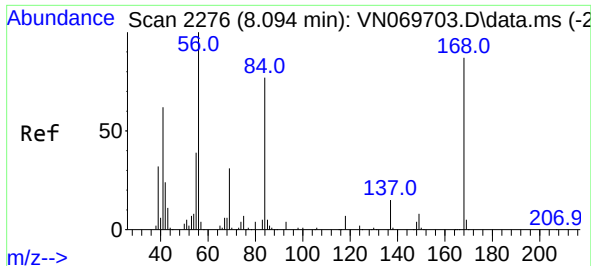
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#30
Chloroform
Concen: 50.953 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

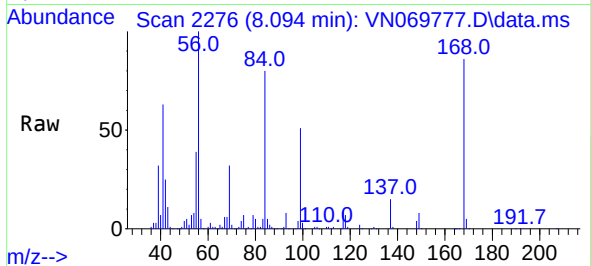
Tgt Ion: 83 Resp: 1217353
Ion Ratio Lower Upper
83 100
85 64.8 51.9 77.9





#31
Cyclohexane
Concen: 50.225 ug/l
RT: 8.094 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

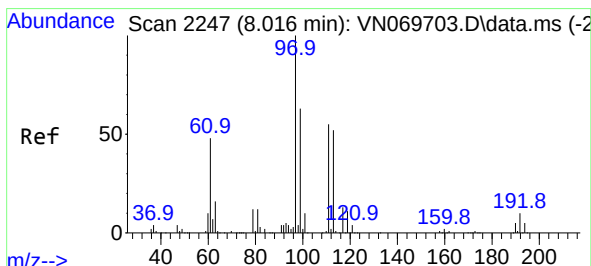
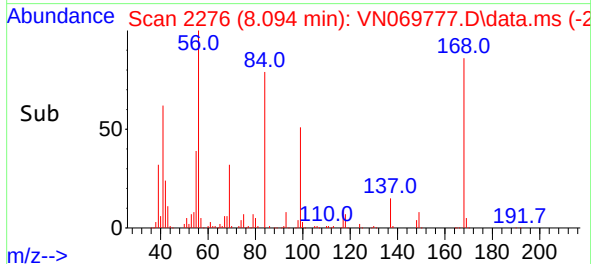
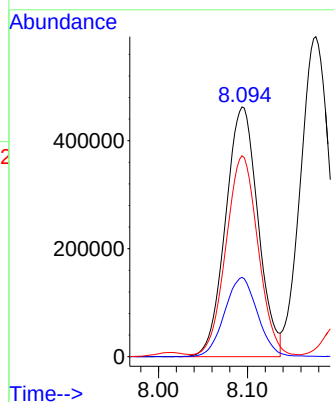
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 117477
Ion Ratio Lower Upper
56 100
69 31.7 27.1 40.7
84 79.1 73.4 110.0

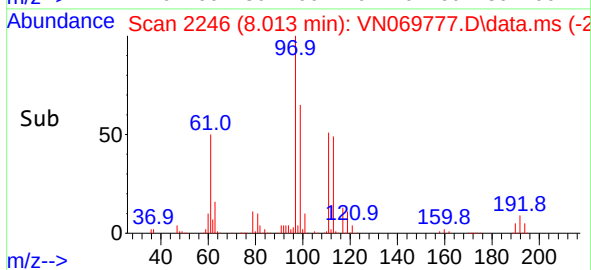
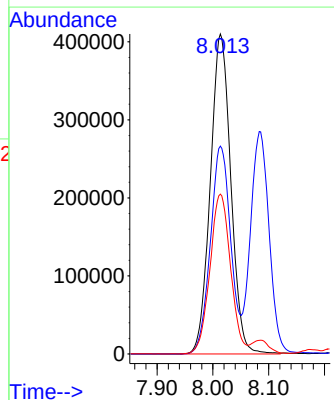
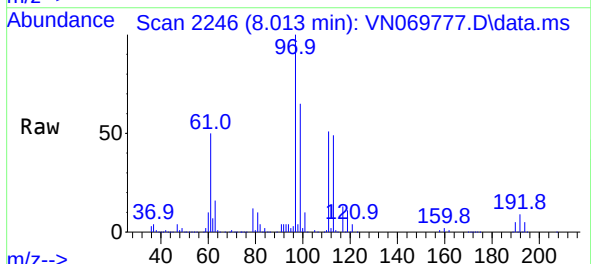
Manual Integrations
APPROVED

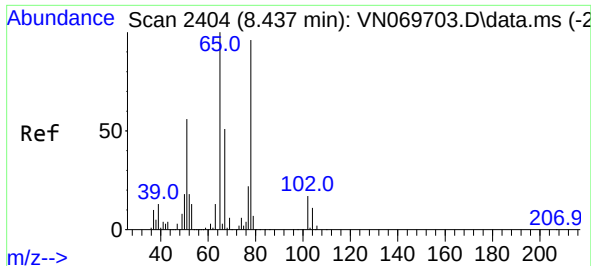
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#32
1,1,1-Trichloroethane
Concen: 51.513 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

Tgt Ion: 97 Resp: 1048349
Ion Ratio Lower Upper
97 100
99 64.3 50.1 75.1
61 50.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 47.788 ug/l

RT: 8.434 min Scan# 2404

Delta R.T. -0.002 min

Lab File: VN069777.D

Acq: 6 Dec 2021 11:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 80318

Ion Ratio Lower Upper

65 100

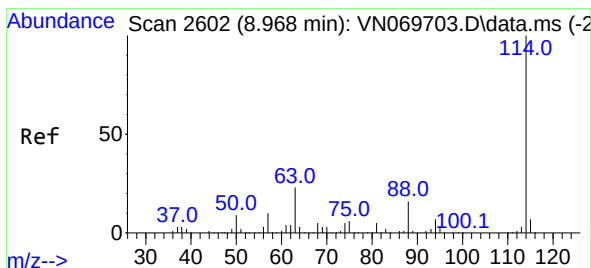
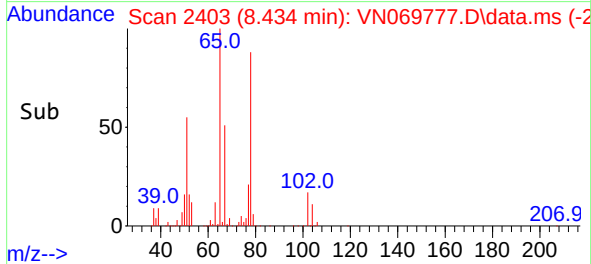
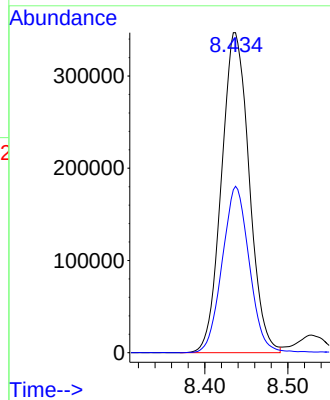
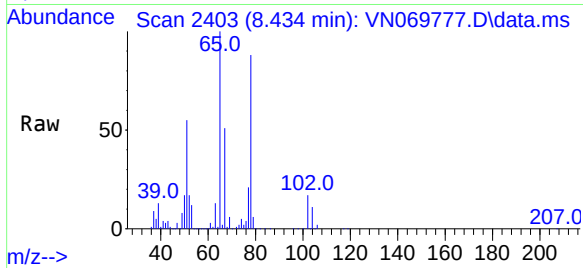
67 50.9 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/07/2021

Supervised By :Mahesh Dadoda 12/10/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN069777.D

Acq: 6 Dec 2021 11:30

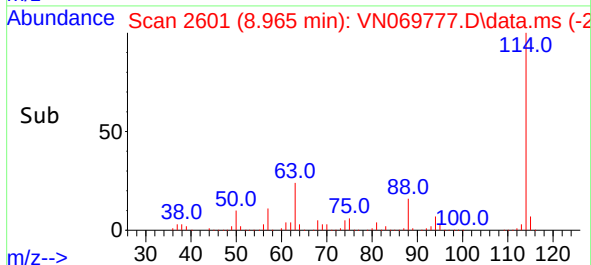
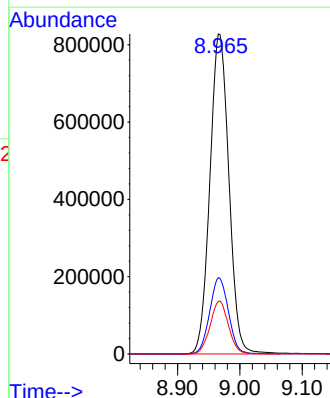
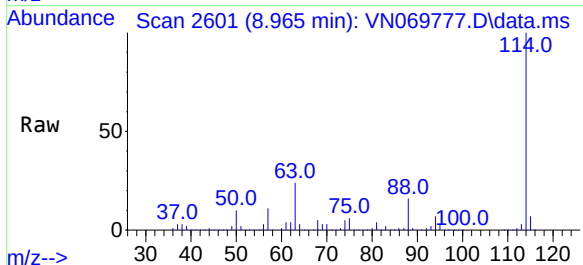
Tgt Ion:114 Resp: 1752211

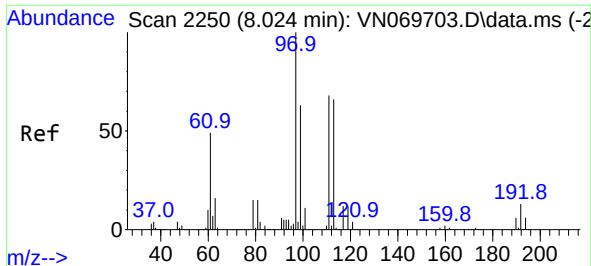
Ion Ratio Lower Upper

114 100

63 23.8 0.0 37.8

88 16.4 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.007 ug/l
RT: 8.021 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

Instrument :

MSVOA_N

ClientSampleId :

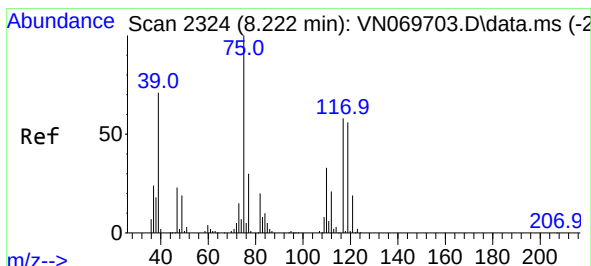
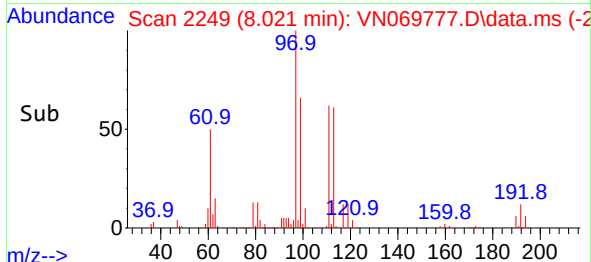
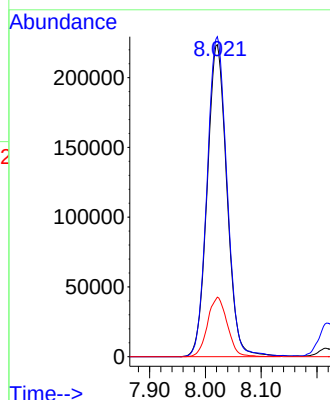
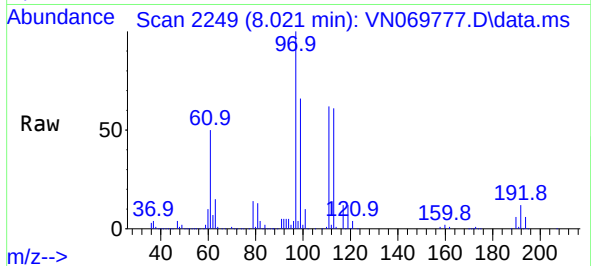
VSTDCCC050

Tgt Ion:113 Resp: 548840
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 19.1 16.9 25.3

Manual Integrations

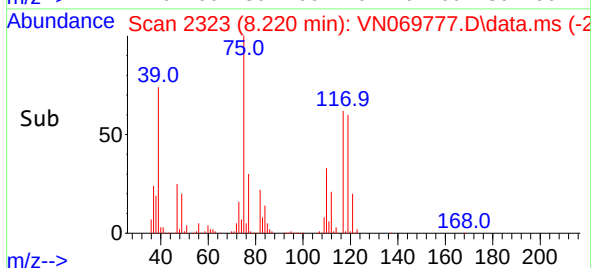
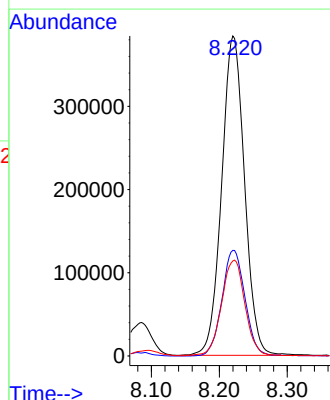
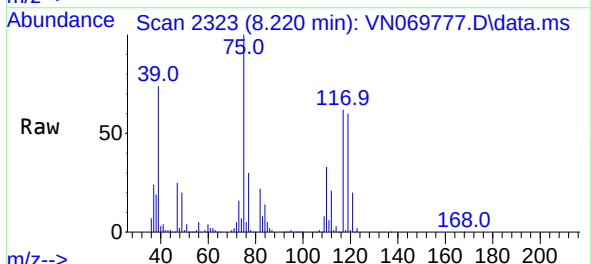
APPROVED

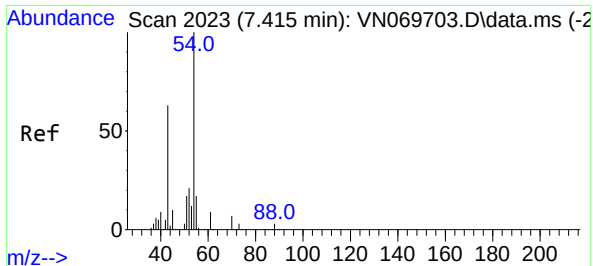
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#36
1,1-Dichloropropene
Concen: 53.786 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

Tgt Ion: 75 Resp: 897171
Ion Ratio Lower Upper
75 100
110 33.3 18.4 55.2
77 30.7 24.4 36.6





#37
Ethyl Acetate
Concen: 47.421 ug/l
RT: 7.413 min Scan# 2023
Delta R.T. -0.002 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

Instrument :

MSVOA_N

ClientSampleId :

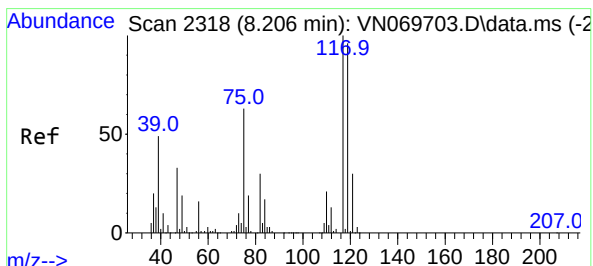
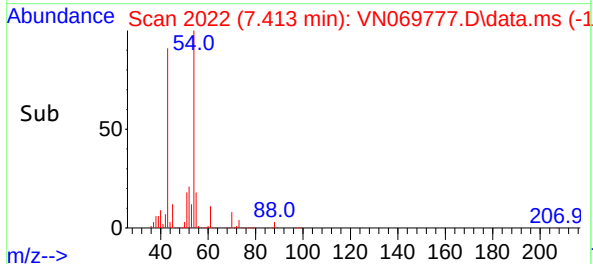
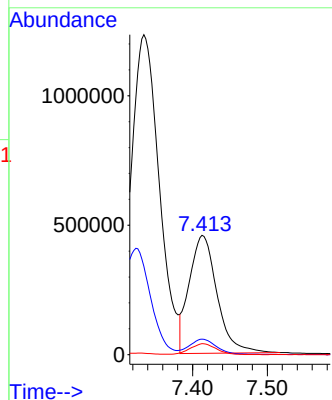
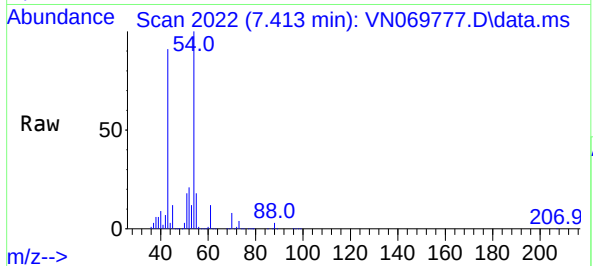
VSTDCCC050

Tgt Ion: 43 Resp: 1177310
Ion Ratio Lower Upper
43 100
61 12.6 11.5 17.3
70 8.8 7.9 11.9

Manual Integrations

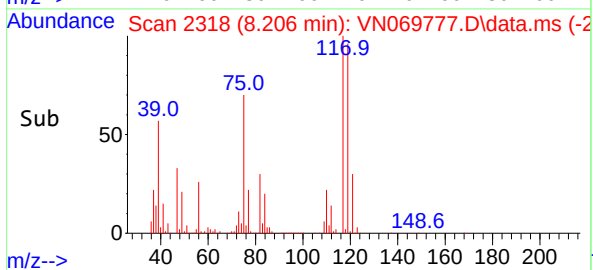
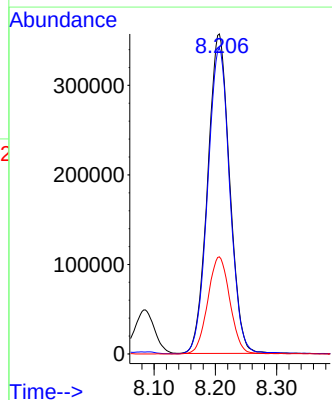
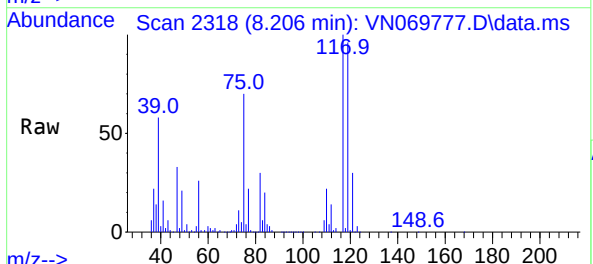
APPROVED

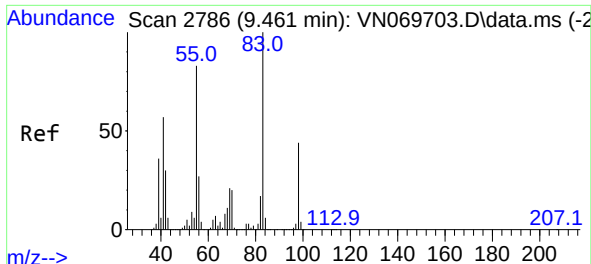
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#38
Carbon Tetrachloride
Concen: 54.317 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

Tgt Ion:117 Resp: 888485
Ion Ratio Lower Upper
117 100
119 95.7 76.1 114.1
121 30.4 24.2 36.2





#39

Methylcyclohexane

Concen: 56.475 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069777.D

Acq: 6 Dec 2021 11:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 1120529

Ion Ratio Lower Upper

83 100

55 84.8 58.1 87.1

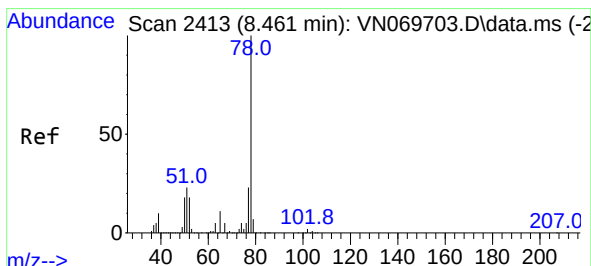
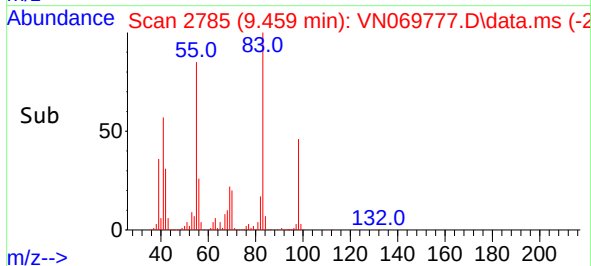
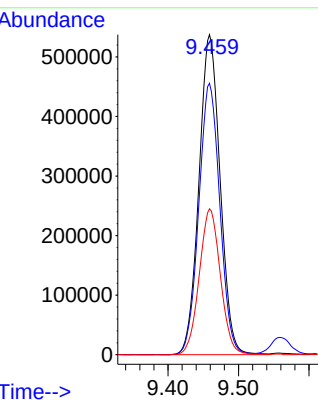
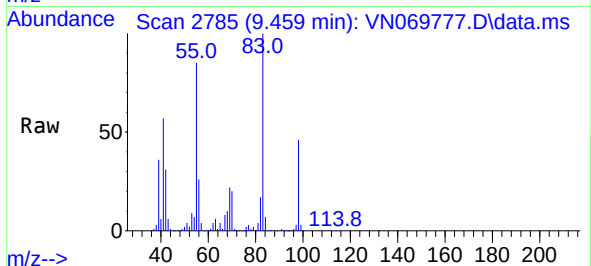
98 45.6 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/07/2021

Supervised By :Mahesh Dadoda 12/10/2021



#40

Benzene

Concen: 52.691 ug/l

RT: 8.458 min Scan# 2412

Delta R.T. -0.002 min

Lab File: VN069777.D

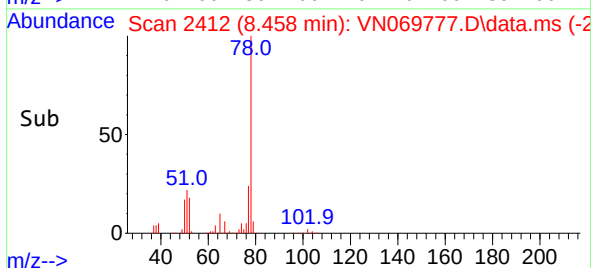
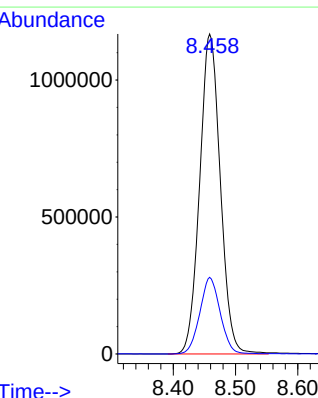
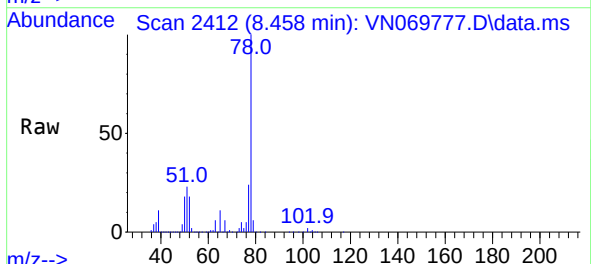
Acq: 6 Dec 2021 11:30

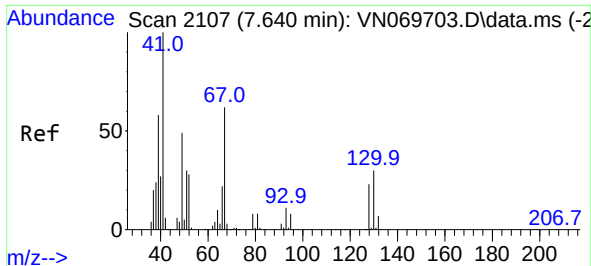
Tgt Ion: 78 Resp: 2686525

Ion Ratio Lower Upper

78 100

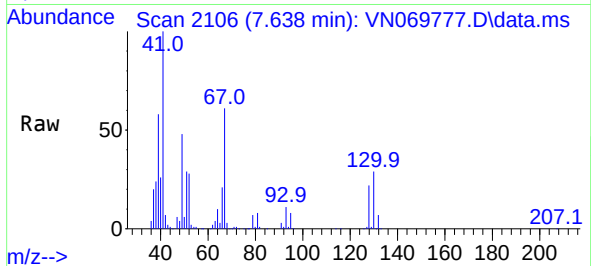
77 24.0 18.6 27.8





#41
Methacrylonitrile
Concen: 50.696 ug/l
RT: 7.638 min Scan# 2107
Delta R.T. -0.002 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

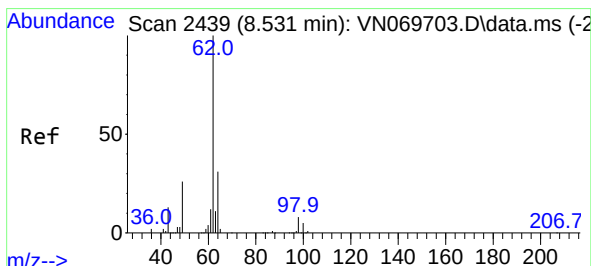
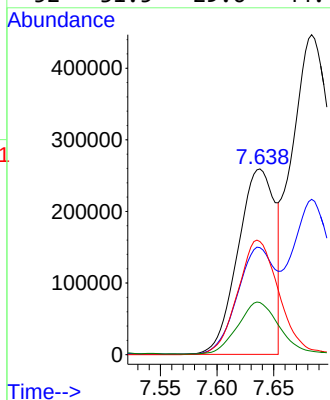
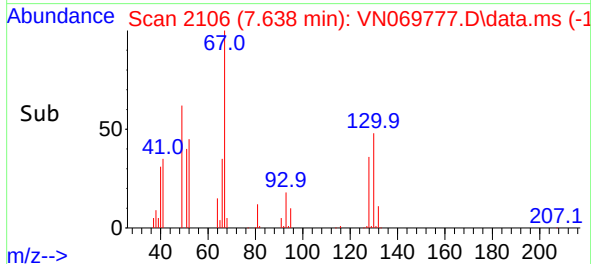
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 590835
Ion Ratio Lower Upper
41 100
39 57.5 48.1 72.1
67 69.7 68.3 102.5
52 31.5 29.6 44.4

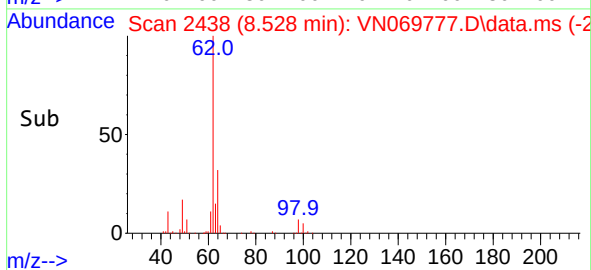
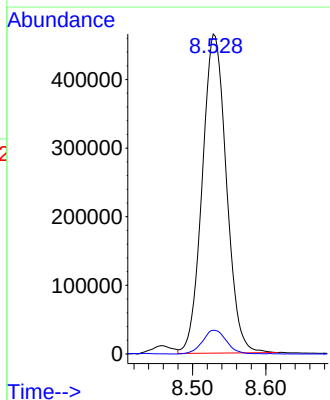
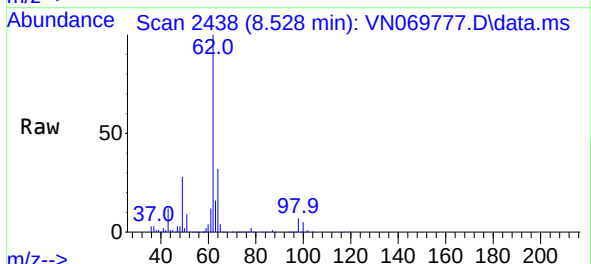
Manual Integrations
APPROVED

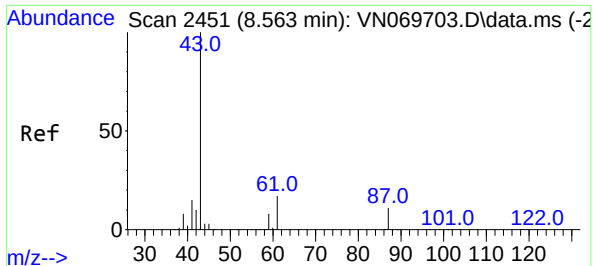
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#42
1,2-Dichloroethane
Concen: 51.693 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.002 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

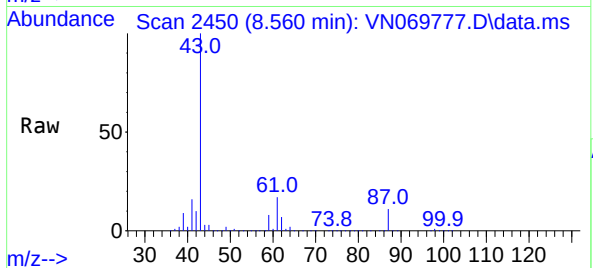
Tgt Ion: 62 Resp: 1063942
Ion Ratio Lower Upper
62 100
98 7.4 0.0 17.6





#43
Isopropyl Acetate
Concen: 50.731 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

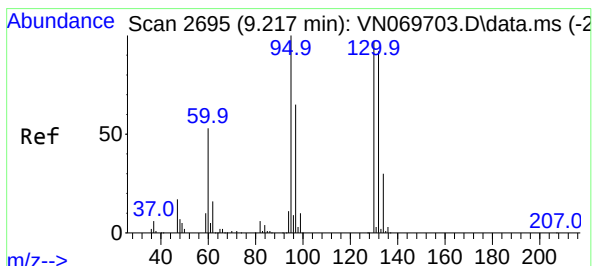
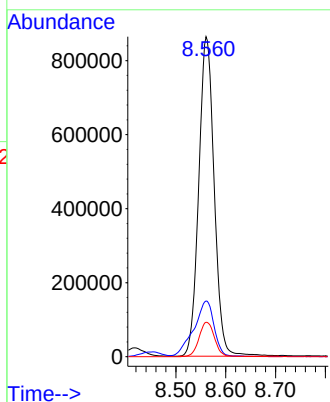
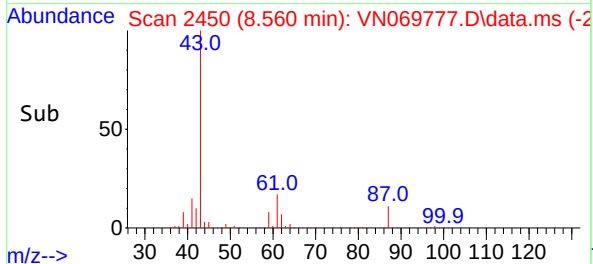
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 186382
Ion Ratio Lower Upper
43 100
61 22.4 20.4 30.6
87 10.8 11.2 16.8

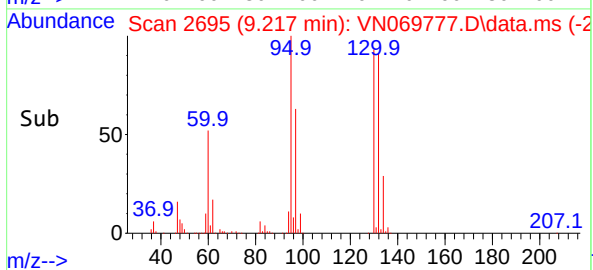
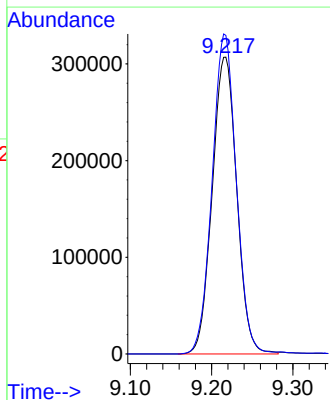
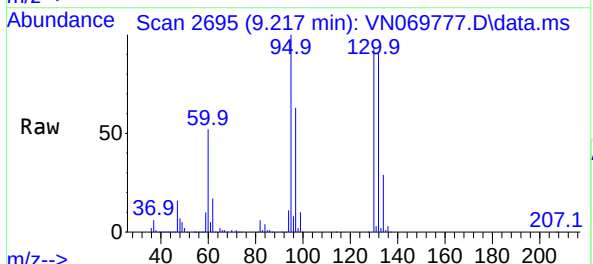
Manual Integrations
APPROVED

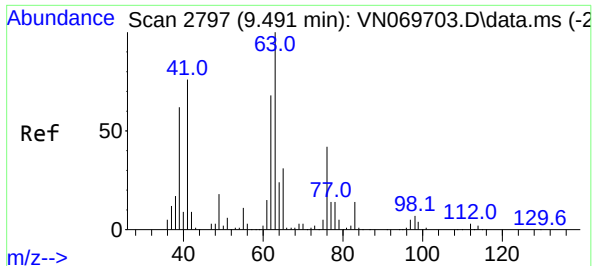
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#44
Trichloroethene
Concen: 53.054 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

Tgt Ion:130 Resp: 645625
Ion Ratio Lower Upper
130 100
95 107.4 0.0 191.2





#45

1,2-Dichloropropane

Concen: 52.859 ug/l

RT: 9.488 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069777.D

Acq: 6 Dec 2021 11:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 723720

Ion Ratio Lower Upper

63 100

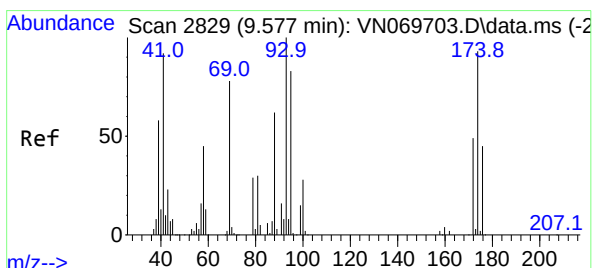
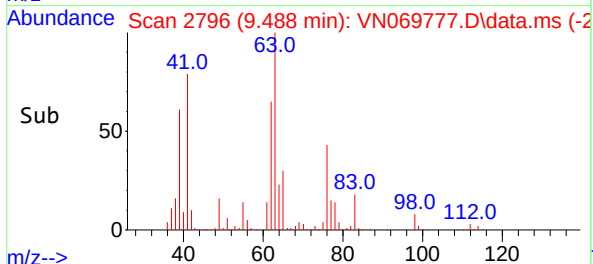
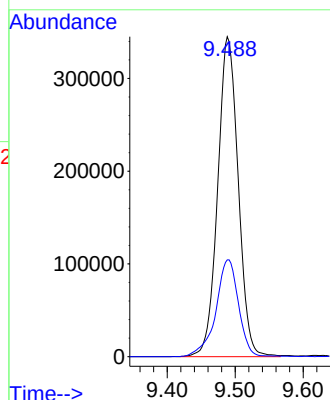
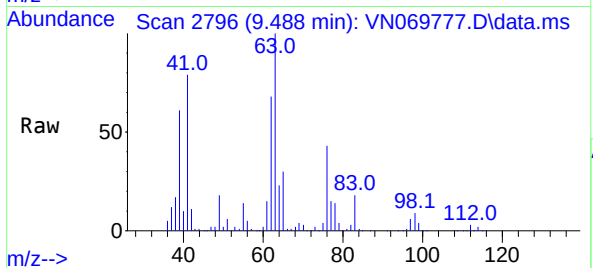
65 30.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/07/2021

Supervised By :Mahesh Dadoda 12/10/2021



#46

Dibromomethane

Concen: 52.516 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN069777.D

Acq: 6 Dec 2021 11:30

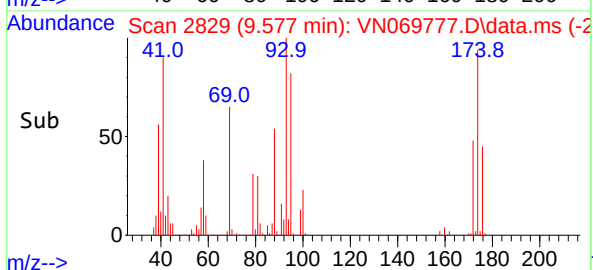
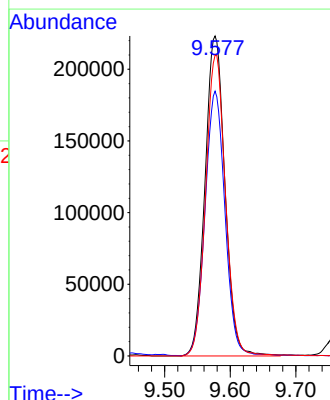
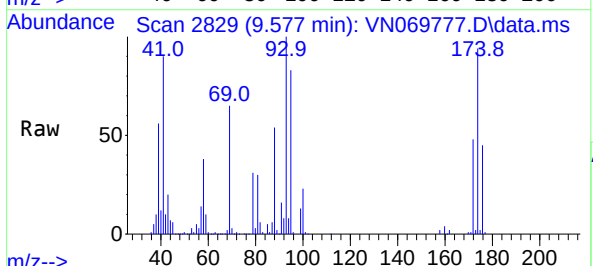
Tgt Ion: 93 Resp: 471561

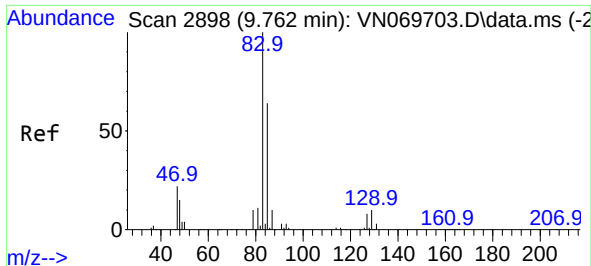
Ion Ratio Lower Upper

93 100

95 82.2 65.9 98.9

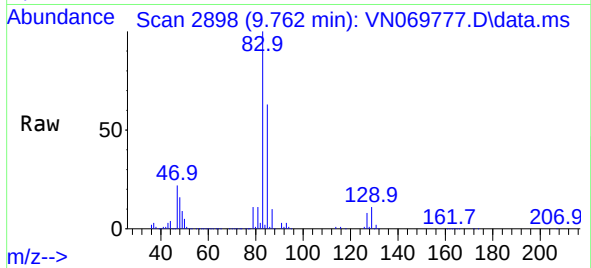
174 93.6 84.6 127.0





#47
Bromodichloromethane
Concen: 55.461 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

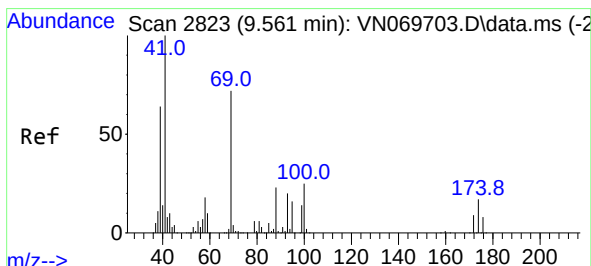
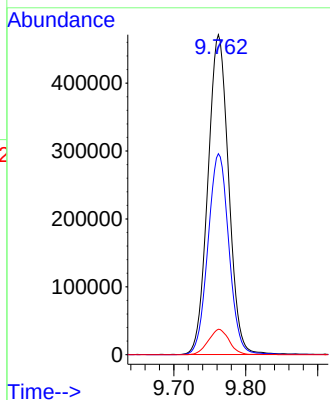
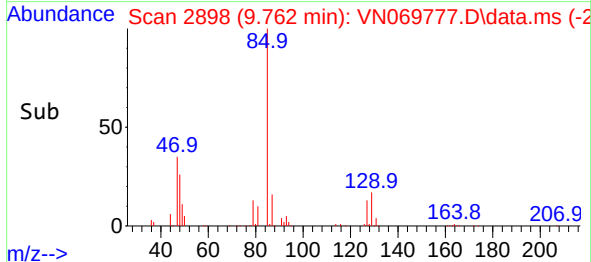
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



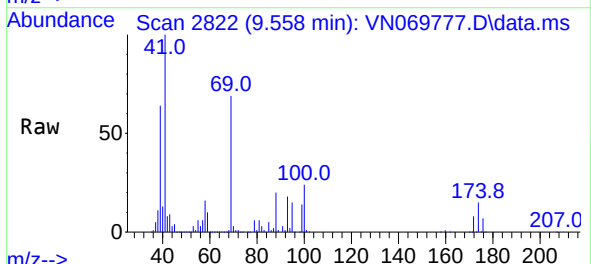
Tgt Ion: 83 Resp: 942899
Ion Ratio Lower Upper
83 100
85 62.8 50.9 76.3
127 8.0 7.1 10.7

Manual Integrations
APPROVED

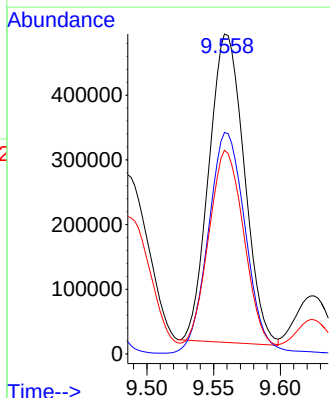
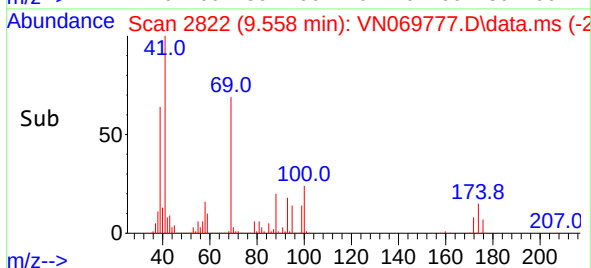
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

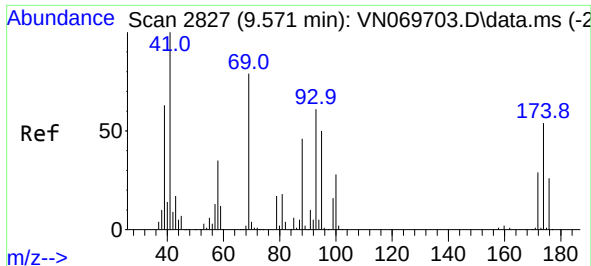


#48
Methyl methacrylate
Concen: 51.251 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30



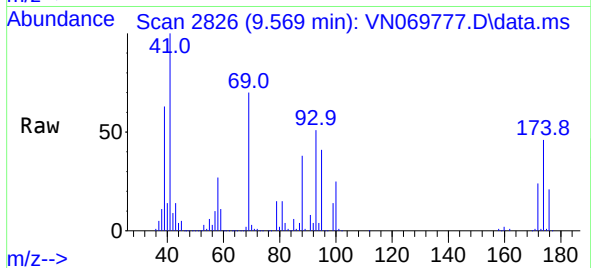
Tgt Ion: 41 Resp: 878720
Ion Ratio Lower Upper
41 100
69 75.4 72.4 108.6
39 62.9 58.4 87.6





#49
1,4-Dioxane
Concen: 982.308 ug/l
RT: 9.569 min Scan# 2827
Delta R.T. -0.002 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

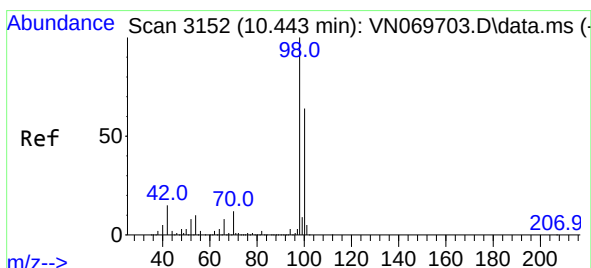
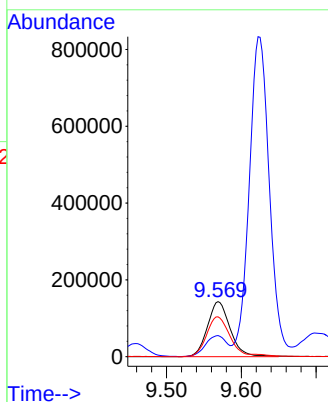
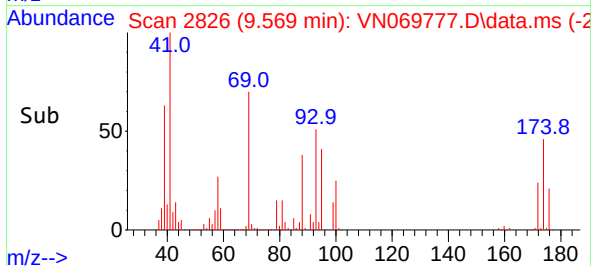
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



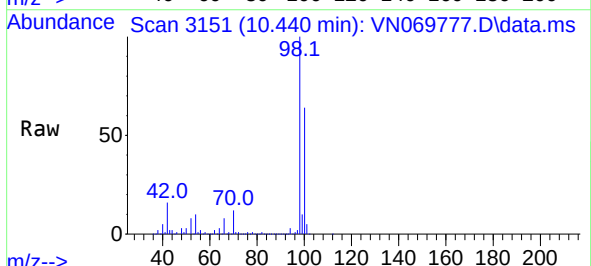
Tgt Ion: 88 Resp: 302200
Ion Ratio Lower Upper
88 100
43 34.7 23.4 35.2
58 77.1 50.6 75.8

Manual Integrations
APPROVED

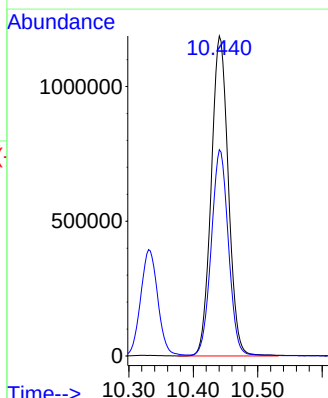
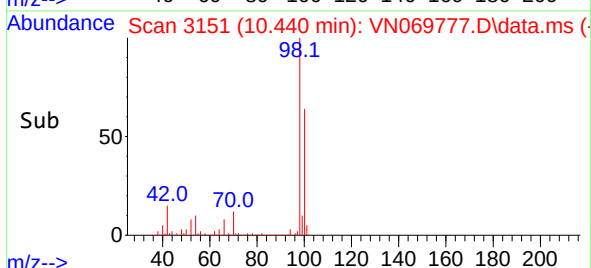
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

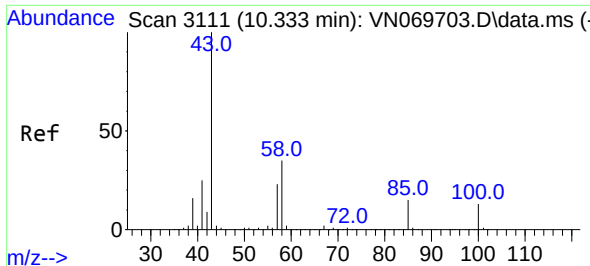


#50
Toluene-d8
Concen: 49.712 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30



Tgt Ion: 98 Resp: 2190815
Ion Ratio Lower Upper
98 100
100 64.7 50.4 75.6





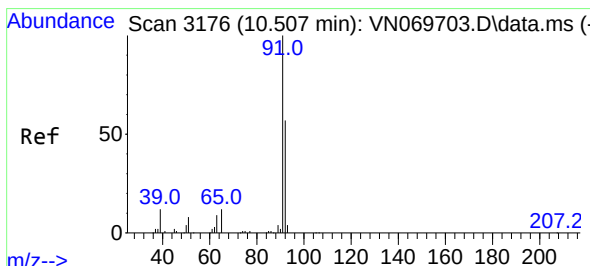
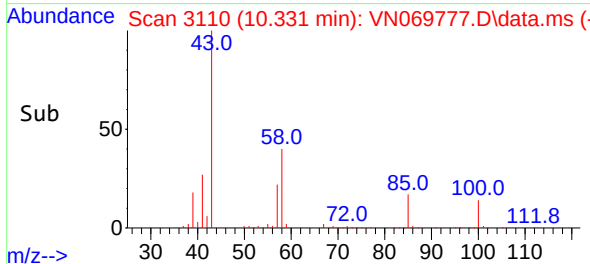
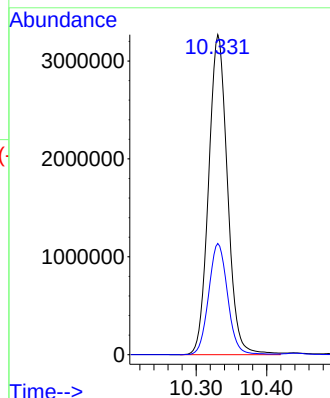
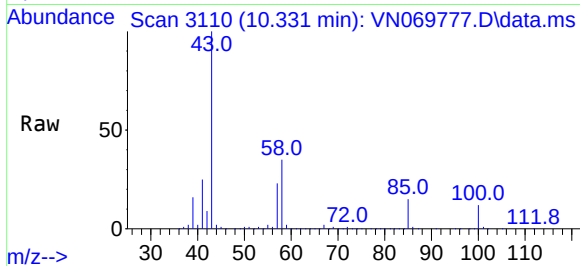
#51
4-Methyl-2-Pentanone
Concen: 254.823 ug/l
RT: 10.331 min Scan# 3111
Delta R.T. -0.002 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 6073450
Ion Ratio Lower Upper
43 100
58 34.9 30.4 45.6

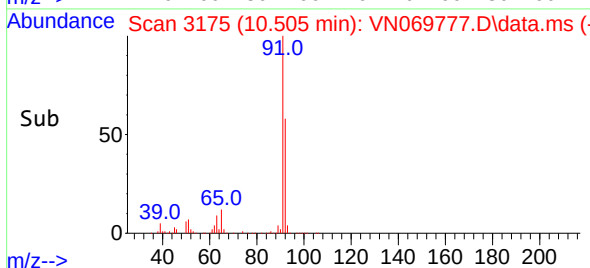
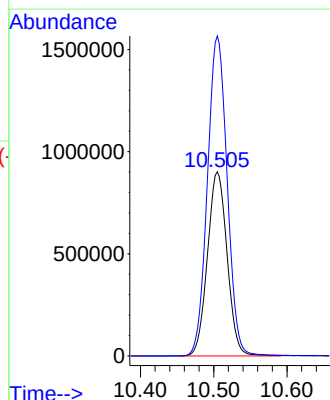
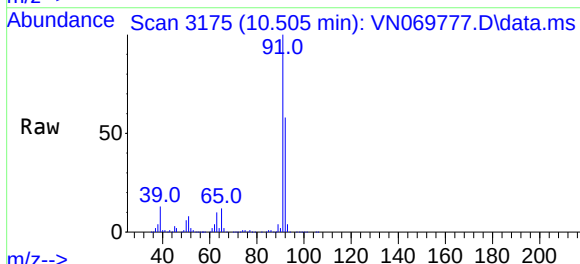
Manual Integrations
APPROVED

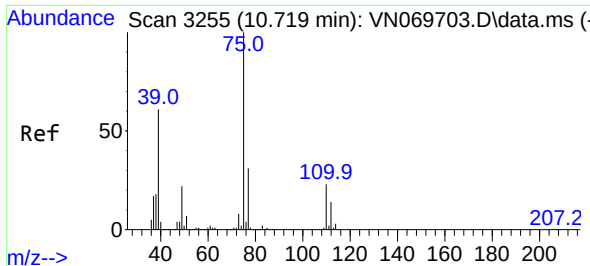
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#52
Toluene
Concen: 53.908 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

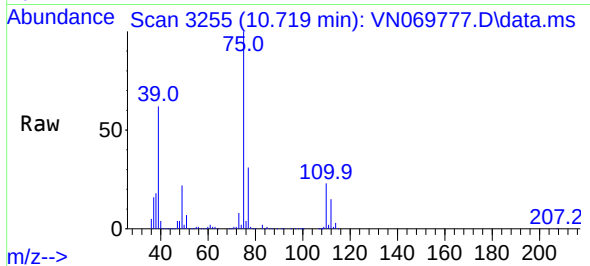
Tgt Ion: 92 Resp: 1678029
Ion Ratio Lower Upper
92 100
91 175.1 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 49.468 ug/l
RT: 10.719 min Scan# 311
Delta R.T. 0.000 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

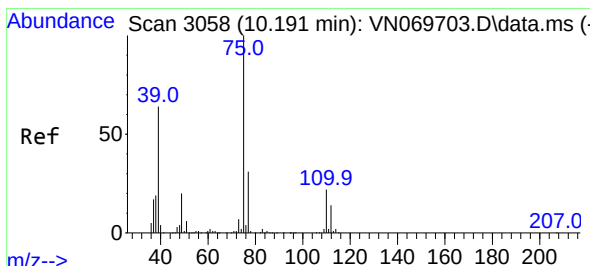
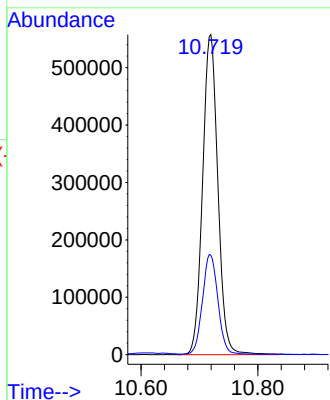
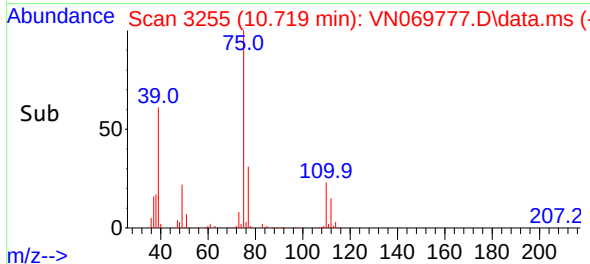
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



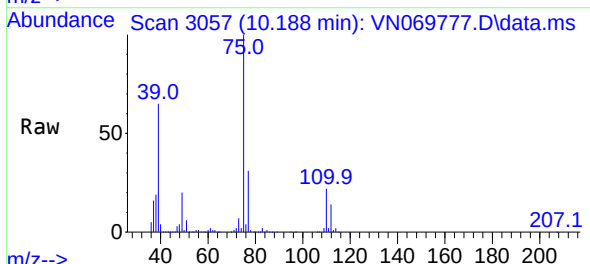
Tgt Ion: 75 Resp: 101103
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4

Manual Integrations
APPROVED

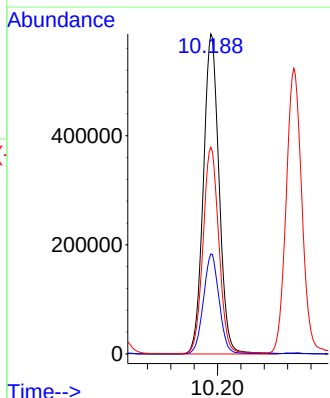
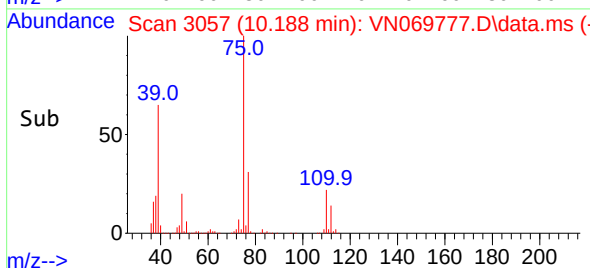
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

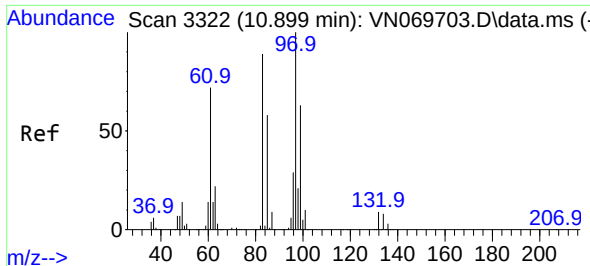


#54
cis-1,3-Dichloropropene
Concen: 50.984 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30



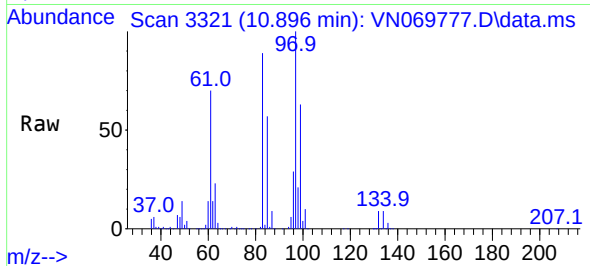
Tgt Ion: 75 Resp: 1095176
Ion Ratio Lower Upper
75 100
77 31.3 26.4 39.6
39 64.5 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 52.169 ug/l
RT: 10.896 min Scan# 3322
Delta R.T. -0.002 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

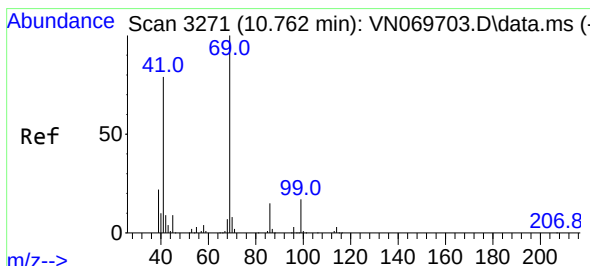
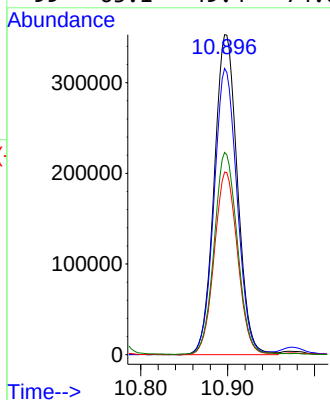
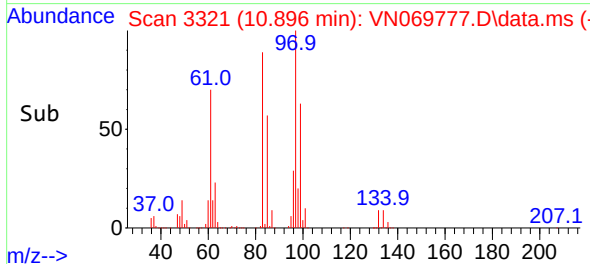
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



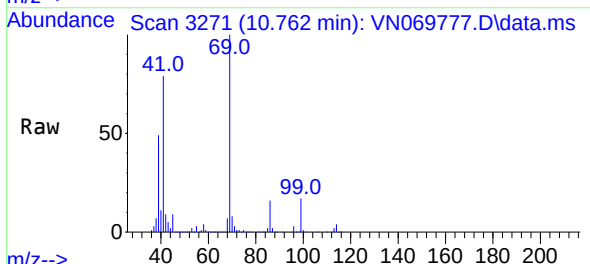
Tgt Ion: 97 Resp: 655210
Ion Ratio Lower Upper
97 100
83 89.4 67.8 101.6
85 57.1 45.4 68.2
99 63.1 49.4 74.0

Manual Integrations
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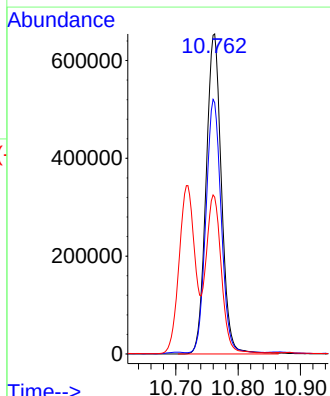
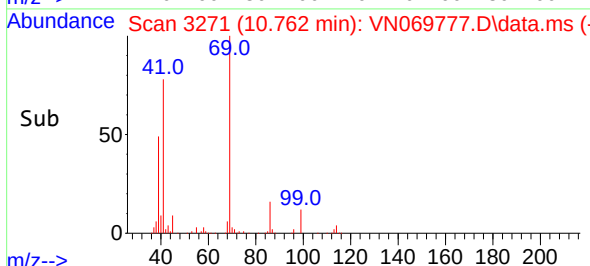
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

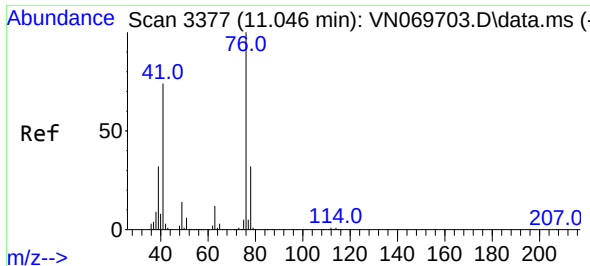


#56
Ethyl methacrylate
Concen: 47.334 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30



Tgt Ion: 69 Resp: 1118697
Ion Ratio Lower Upper
69 100
41 78.5 51.4 77.0#
39 48.2 34.6 52.0





#57

1,3-Dichloropropane

Concen: 52.734 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.002 min

Lab File: VN069777.D

Acq: 6 Dec 2021 11:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 116618

Ion Ratio Lower Upper

76 100

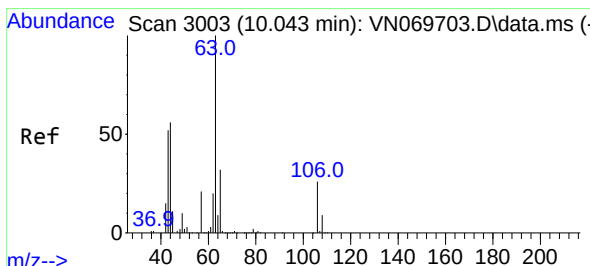
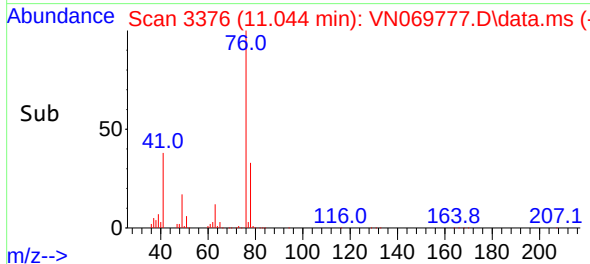
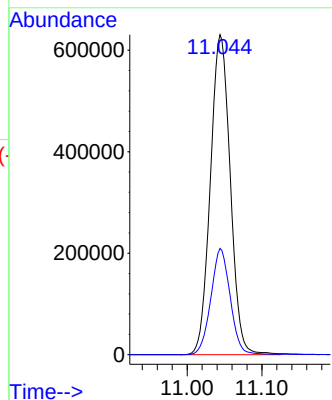
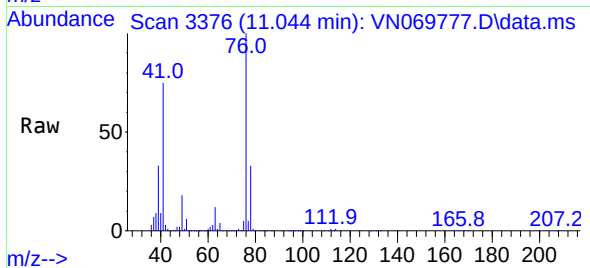
78 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/07/2021

Supervised By :Mahesh Dadoda 12/10/2021



#58

2-Chloroethyl Vinyl ether

Concen: 213.848 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN069777.D

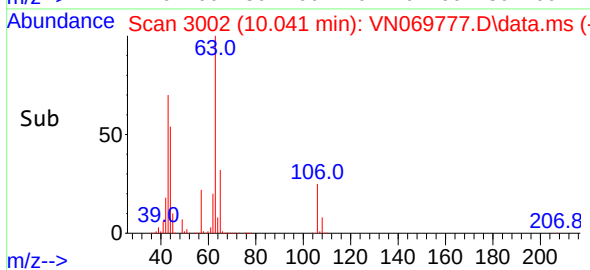
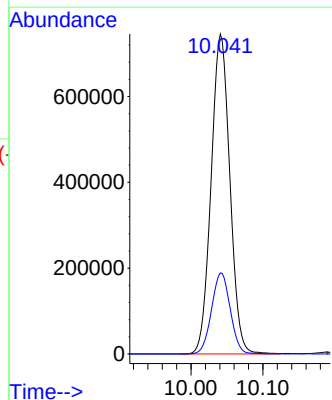
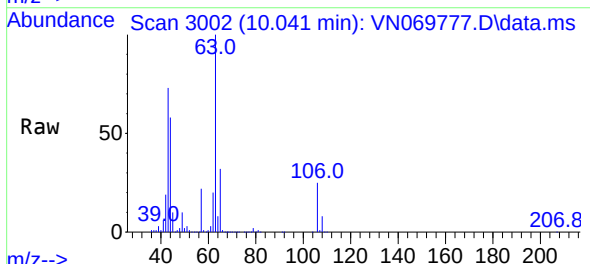
Acq: 6 Dec 2021 11:30

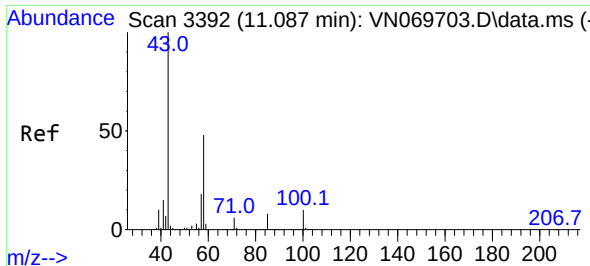
Tgt Ion: 63 Resp: 1350145

Ion Ratio Lower Upper

63 100

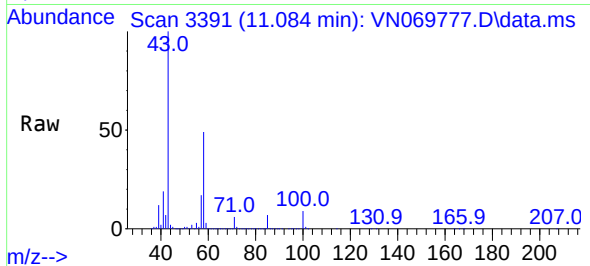
106 25.3 23.9 35.9





#59
2-Hexanone
Concen: 253.273 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

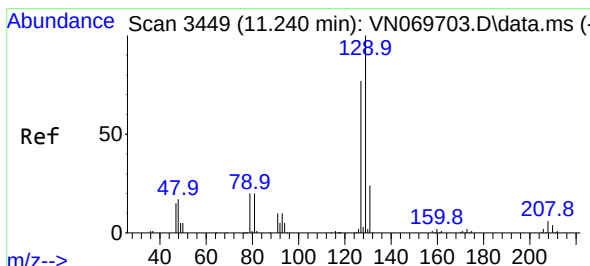
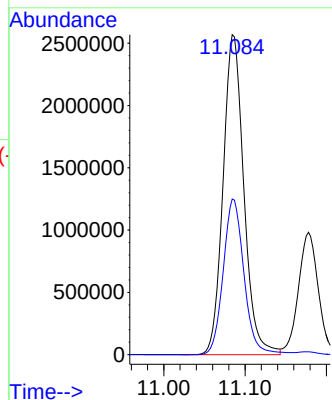
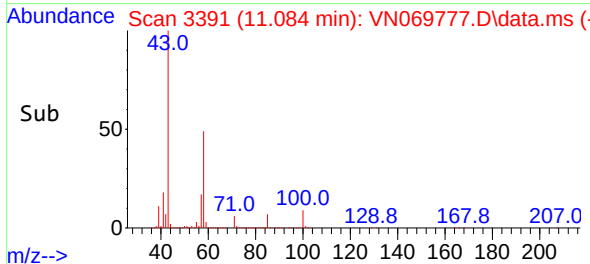
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 456642
Ion Ratio Lower Upper
43 100
58 48.7 26.9 80.7

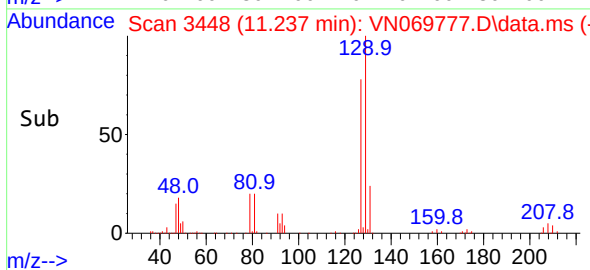
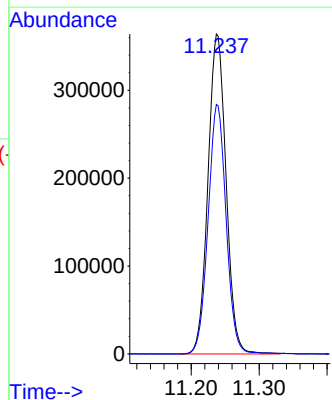
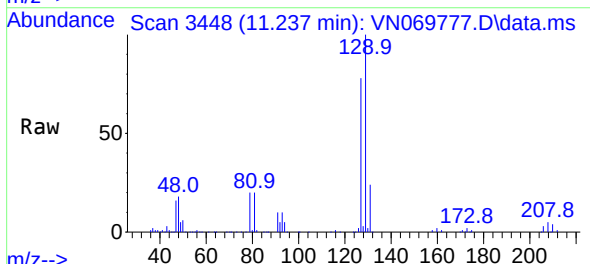
Manual Integrations
APPROVED

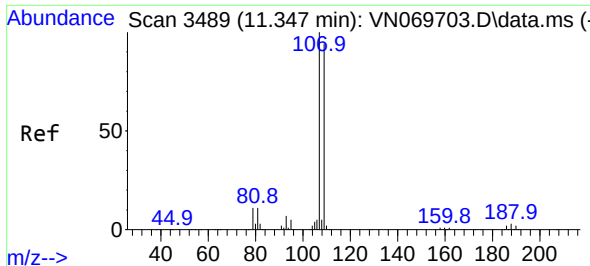
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#60
Dibromochloromethane
Concen: 50.048 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

Tgt Ion:129 Resp: 673528
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 52.752 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

Instrument :

MSVOA_N

ClientSampleId :

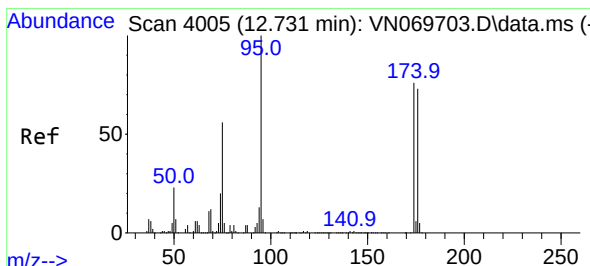
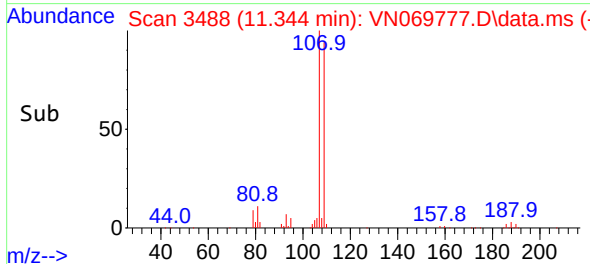
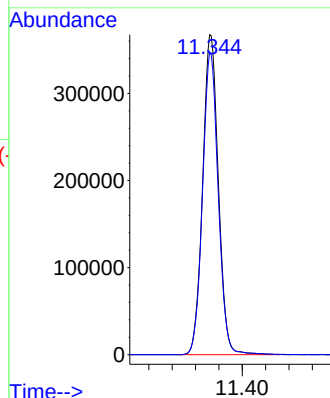
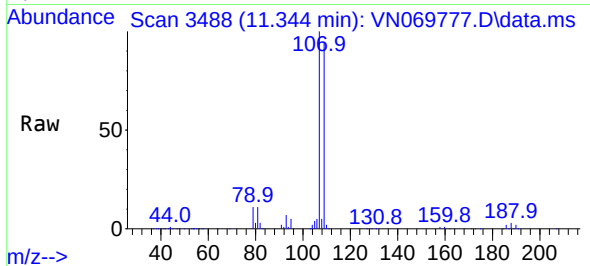
VSTDCCC050

Tgt Ion:107 Resp: 686225
Ion Ratio Lower Upper
107 100
109 93.7 75.7 113.5

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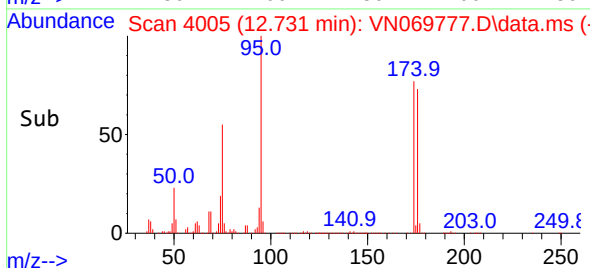
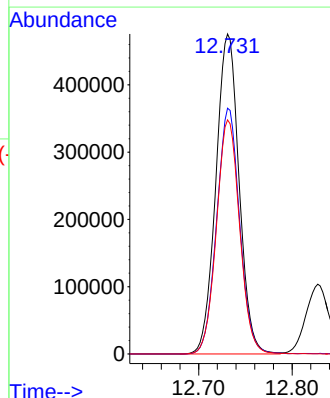
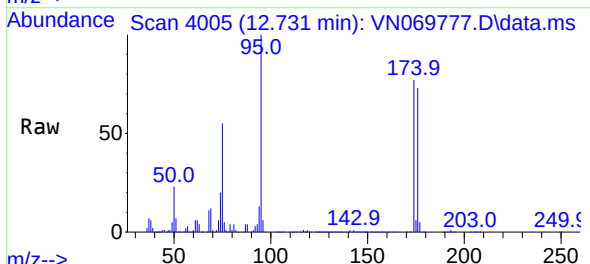
APPROVED

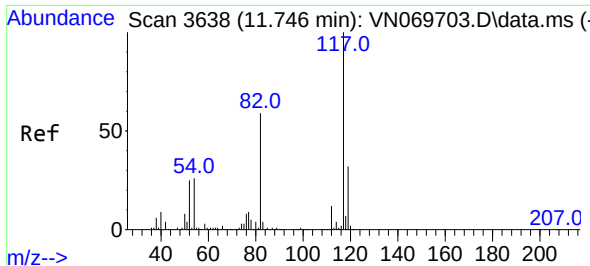
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#62
4-Bromofluorobenzene
Concen: 51.442 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

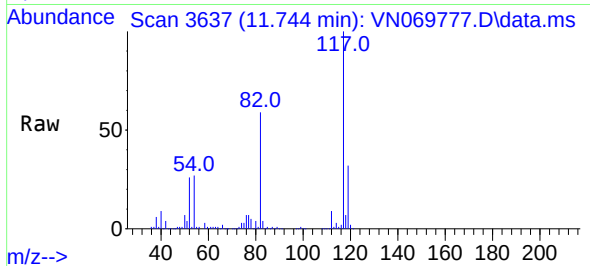
Tgt Ion: 95 Resp: 821300
Ion Ratio Lower Upper
95 100
174 76.0 0.0 187.2
176 73.1 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

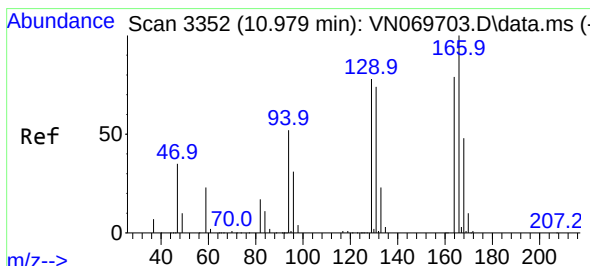
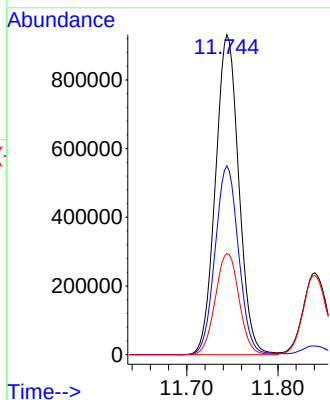
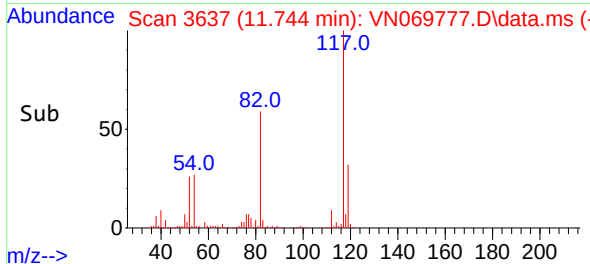
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



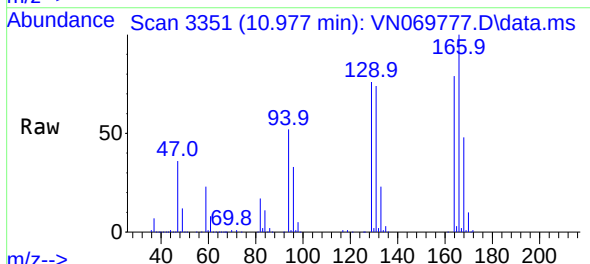
Tgt Ion:117 Resp: 165625
Ion Ratio Lower Upper
117 100
82 59.0 42.4 63.6
119 31.6 25.4 38.2

Manual Integrations
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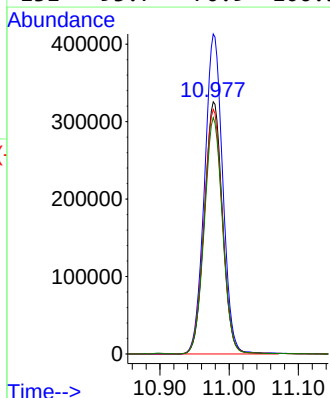
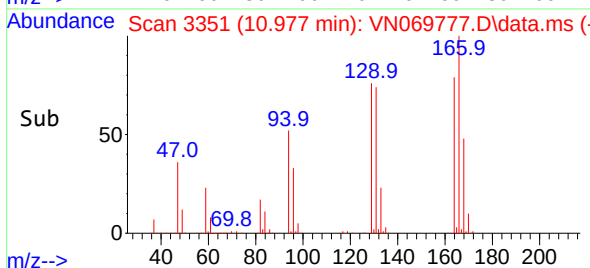
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

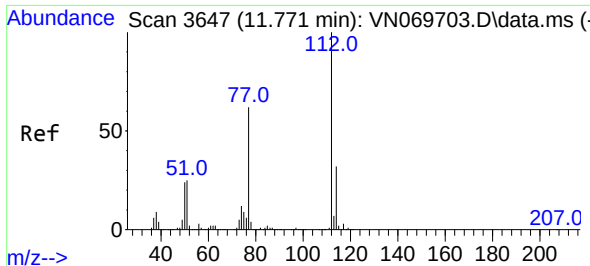


#64
Tetrachloroethene
Concen: 52.893 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30



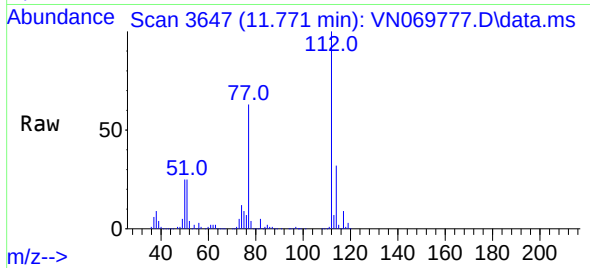
Tgt Ion:164 Resp: 594011
Ion Ratio Lower Upper
164 100
166 126.9 101.9 152.9
129 97.0 72.0 108.0
131 93.7 70.9 106.3





#65
Chlorobenzene
Concen: 52.767 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

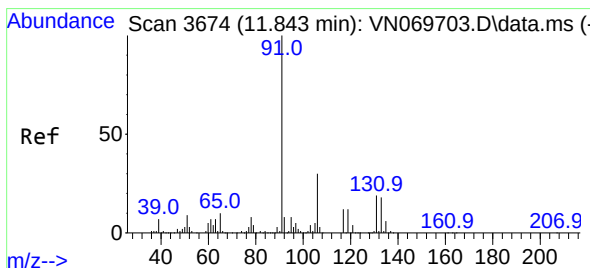
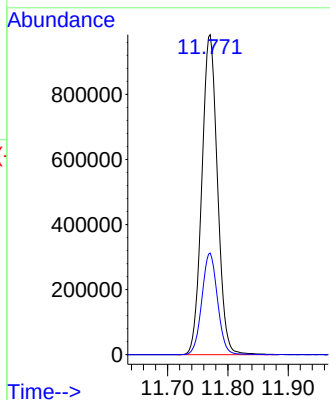
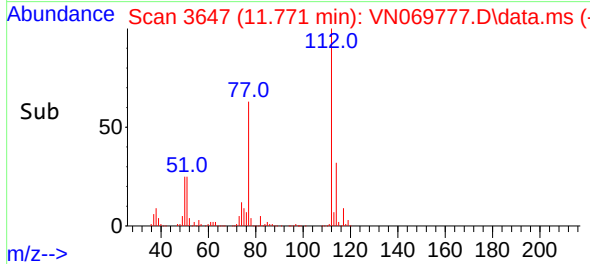
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



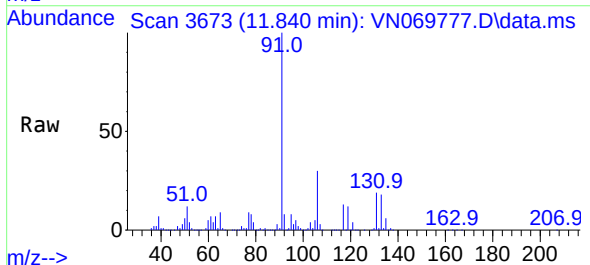
Tgt Ion:112 Resp: 177298
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0

Manual Integrations
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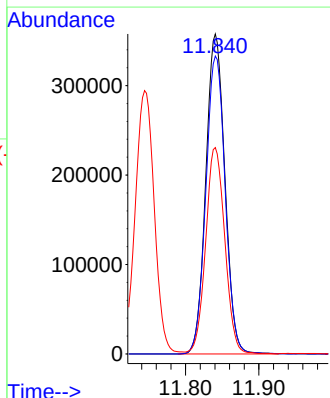
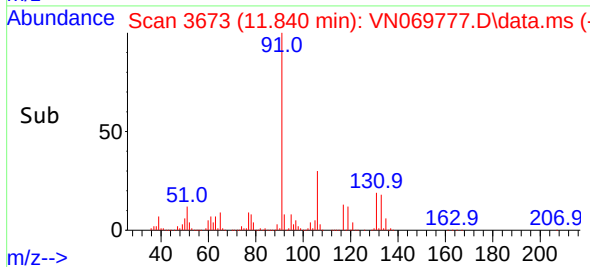
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

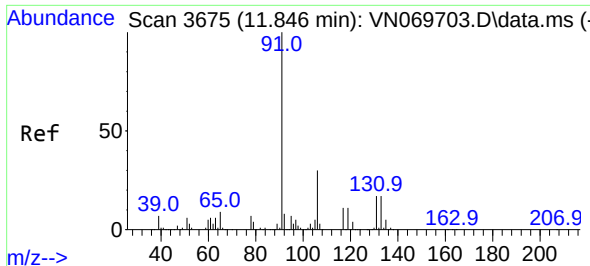


#66
1,1,1,2-Tetrachloroethane
Concen: 54.642 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30



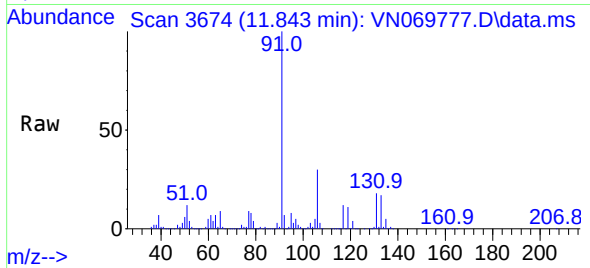
Tgt Ion:131 Resp: 646210
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.7
119 64.6 32.1 96.5





#67
Ethyl Benzene
Concen: 55.175 ug/l
RT: 11.843 min Scan# 30
Delta R.T. -0.002 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

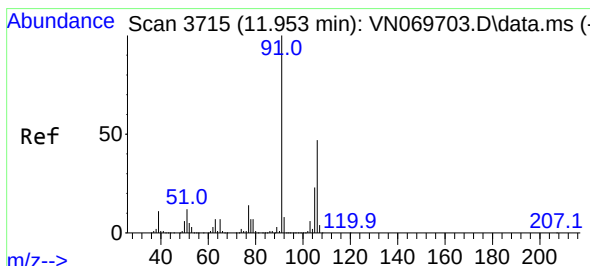
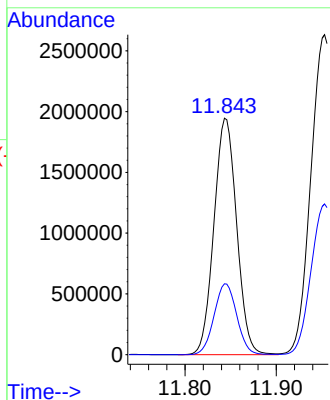
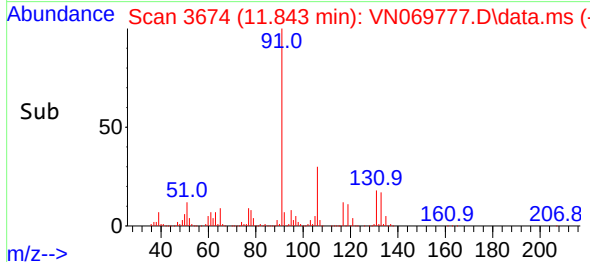
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 336755
Ion Ratio Lower Upper
91 100
106 30.0 25.7 38.5

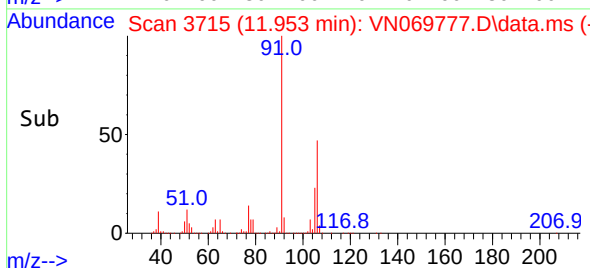
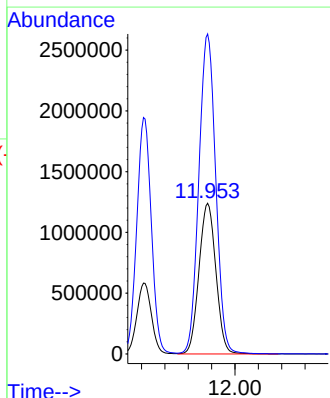
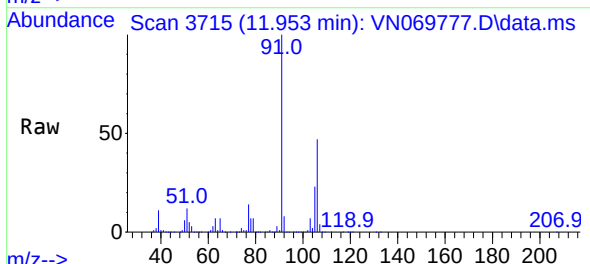
Manual Integrations
APPROVED

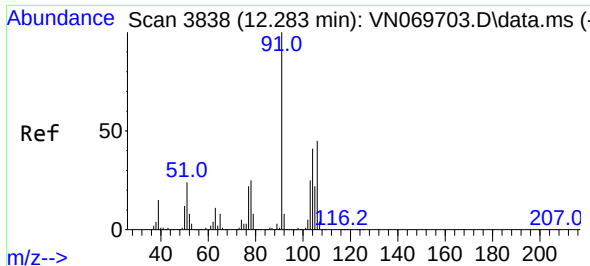
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#68
m/p-Xylenes
Concen: 111.863 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

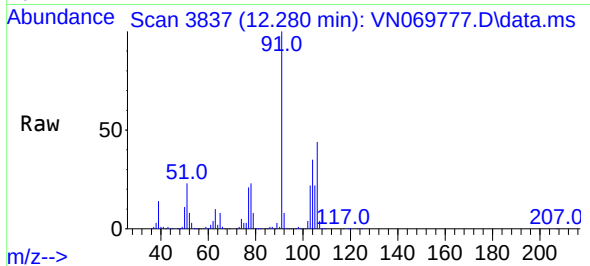
Tgt Ion:106 Resp: 2485939
Ion Ratio Lower Upper
106 100
91 0.0 160.6 240.8#





#69
o-Xylene
Concen: 55.072 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

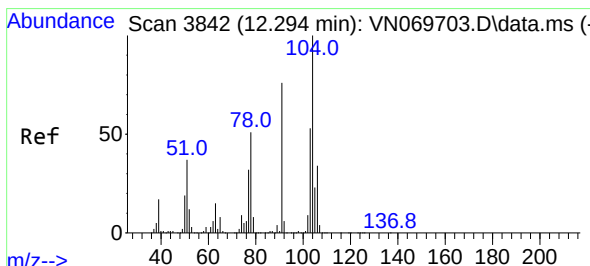
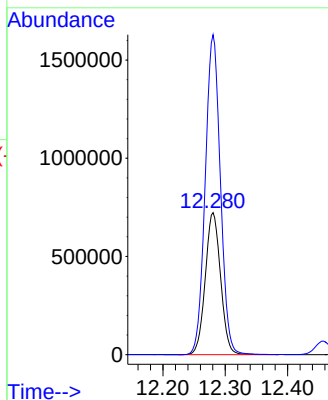
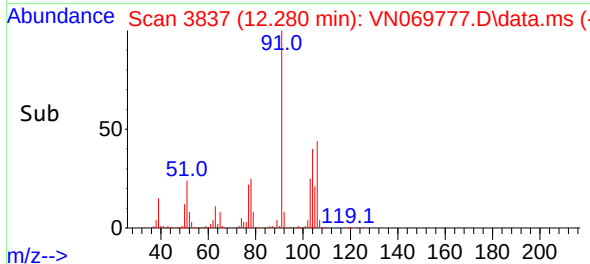
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 1232772
Ion Ratio Lower Upper
106 100
91 223.4 105.8 317.3

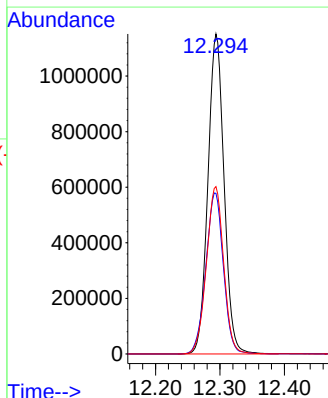
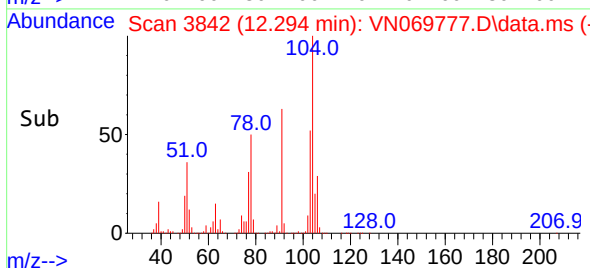
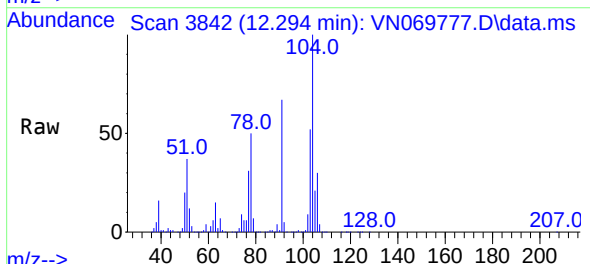
Manual Integrations
APPROVED

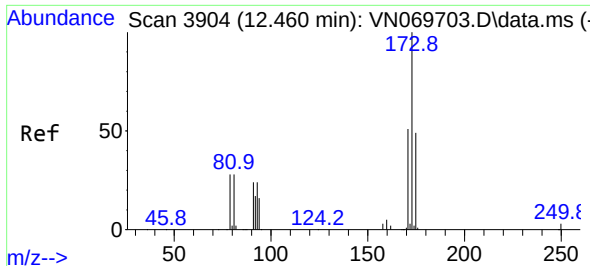
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#70
Styrene
Concen: 56.518 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

Tgt Ion:104 Resp: 2006118
Ion Ratio Lower Upper
104 100
78 54.8 38.7 58.1
103 56.0 45.0 67.6





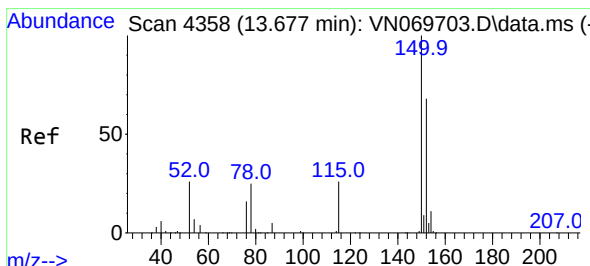
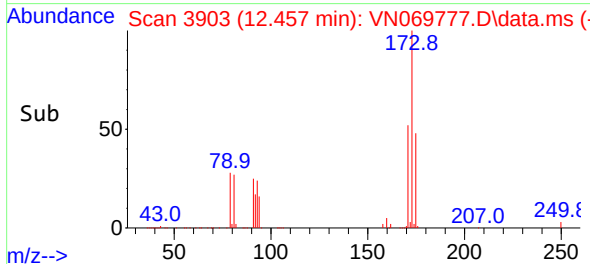
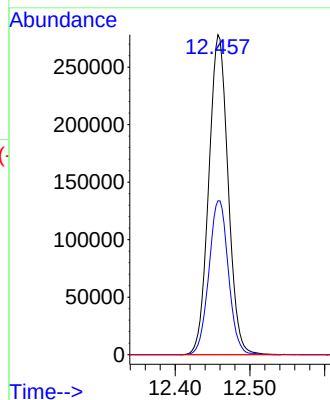
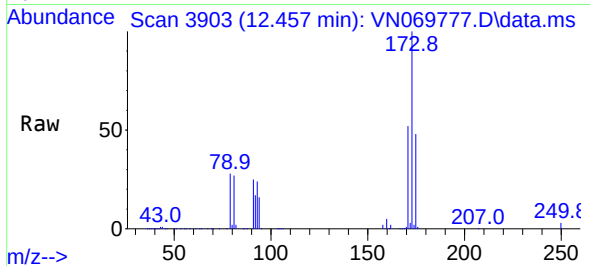
#71
Bromoform
Concen: 49.402 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 499348
Ion Ratio Lower Upper
173 100
175 48.6 24.2 72.6
254 0.0 0.0 0.0

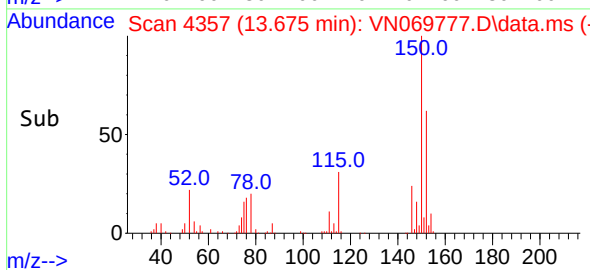
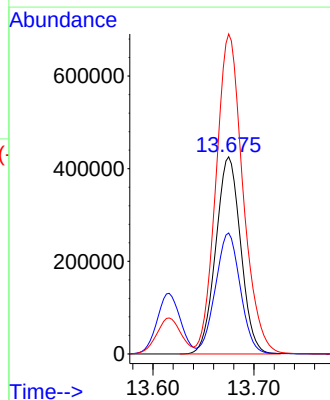
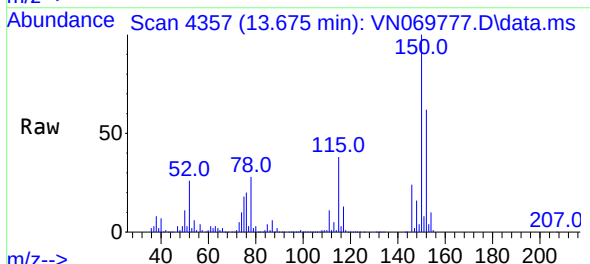
Manual Integrations
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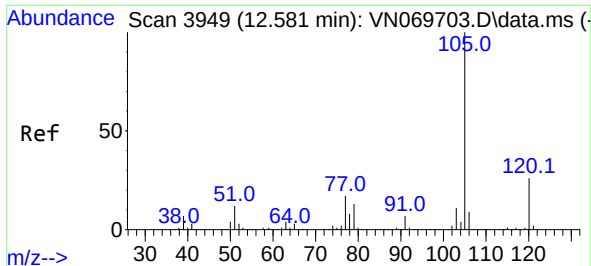
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

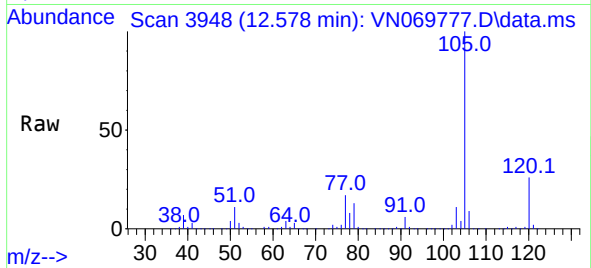
Tgt Ion:152 Resp: 728451
Ion Ratio Lower Upper
152 100
115 61.1 27.5 82.5
150 175.7 0.0 344.4





#73
Isopropylbenzene
Concen: 50.465 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

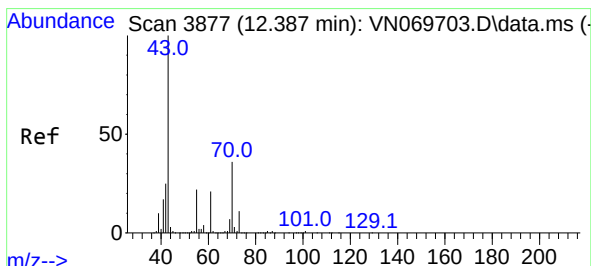
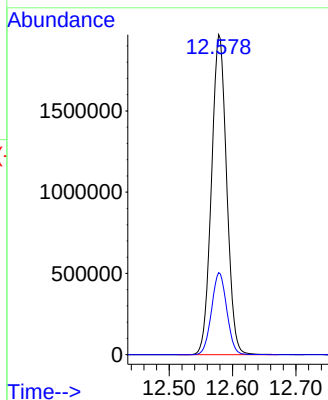
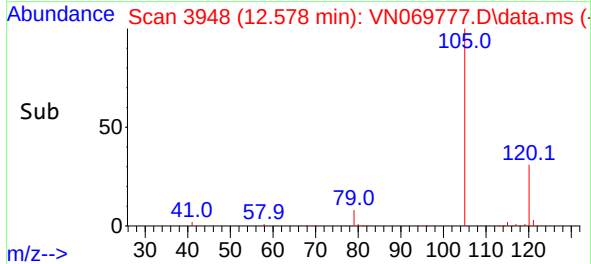
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



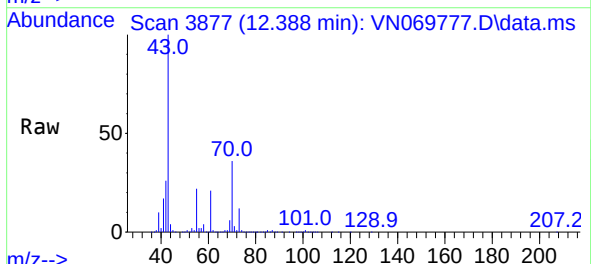
Tgt Ion:105 Resp: 3270692
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

Manual Integrations
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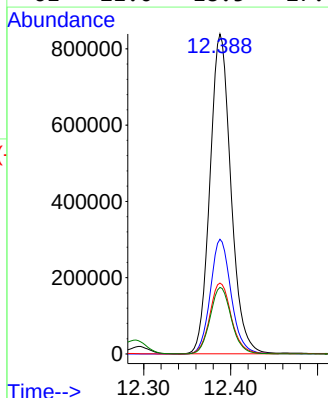
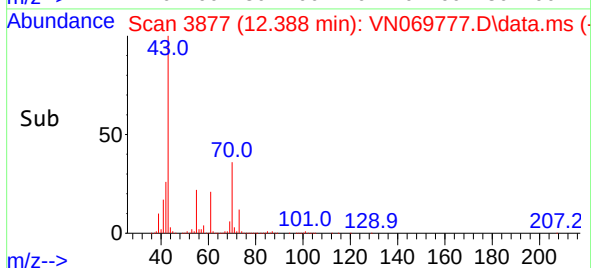
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

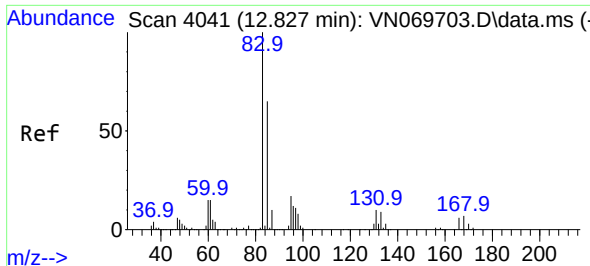


#74
N-ethyl acetate
Concen: 48.937 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30



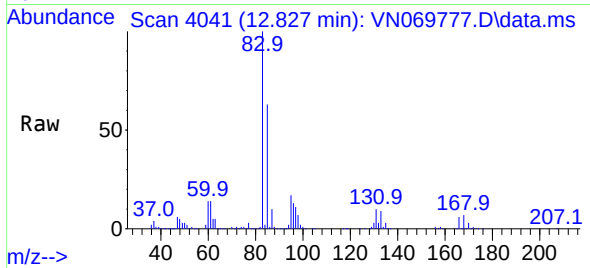
Tgt Ion: 43 Resp: 1402654
Ion Ratio Lower Upper
43 100
70 35.7 33.4 50.0
55 23.0 19.3 28.9
61 21.0 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 47.168 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

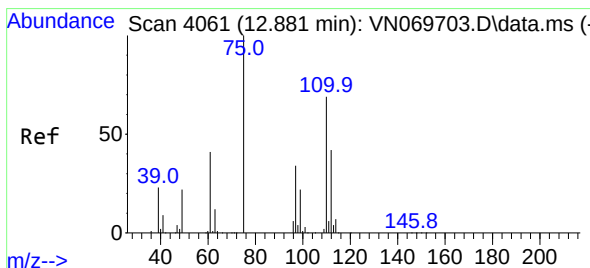
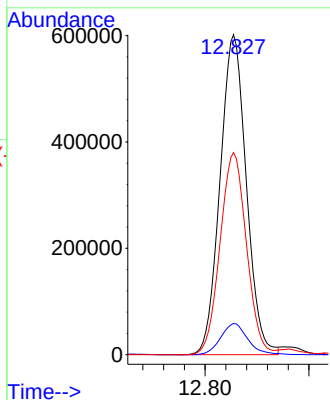
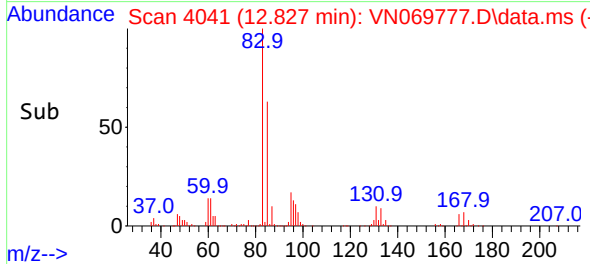
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



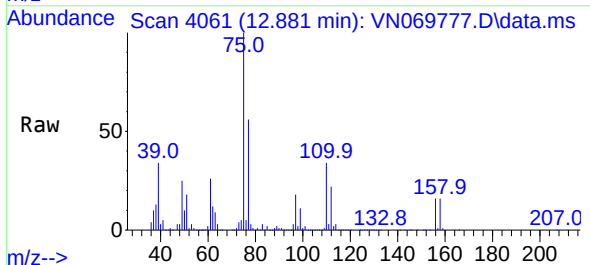
Tgt Ion: 83 Resp: 1057139
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 63.4 32.4 97.2

Manual Integrations
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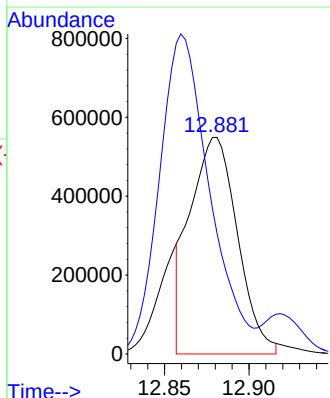
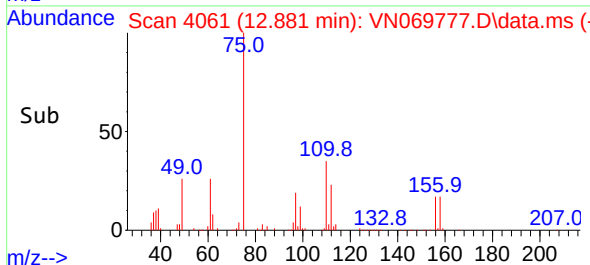
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

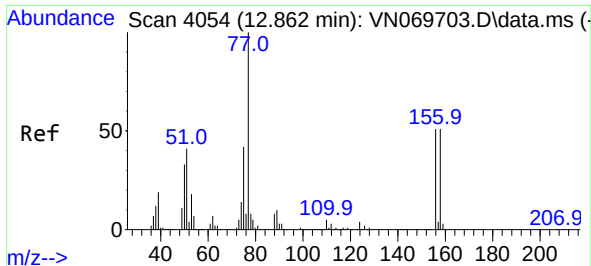


#76
1,2,3-Trichloropropane
Concen: 51.237 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30



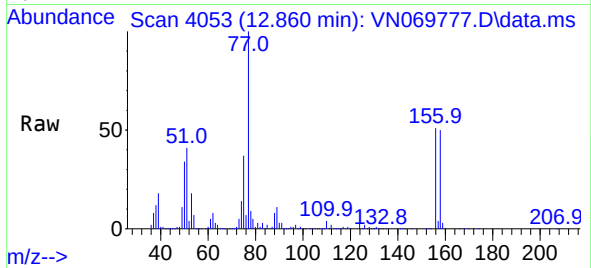
Tgt Ion: 75 Resp: 1070349
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 49.006 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.002 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

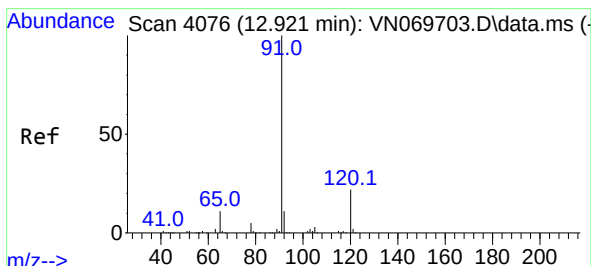
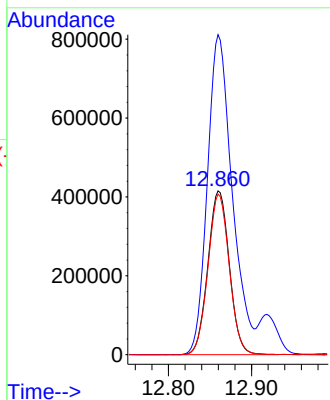
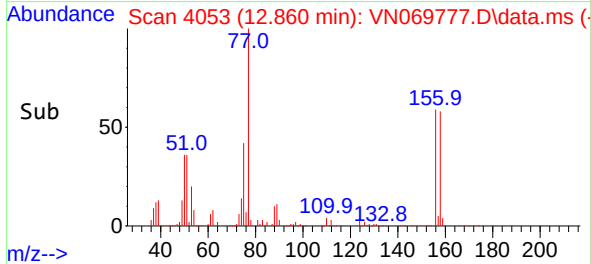
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



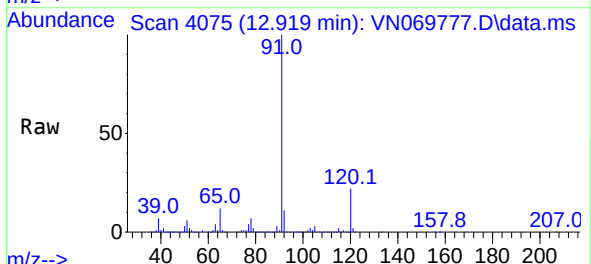
Tgt Ion:156 Resp: 746034
Ion Ratio Lower Upper
156 100
77 224.2 90.6 271.8
158 97.1 48.9 146.7

Manual Integrations
APPROVED

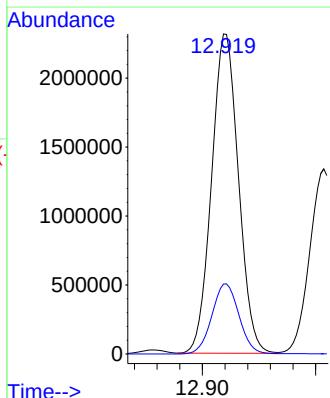
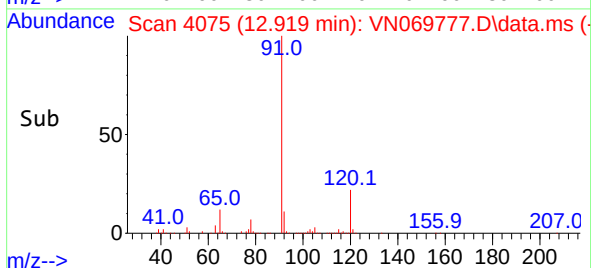
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

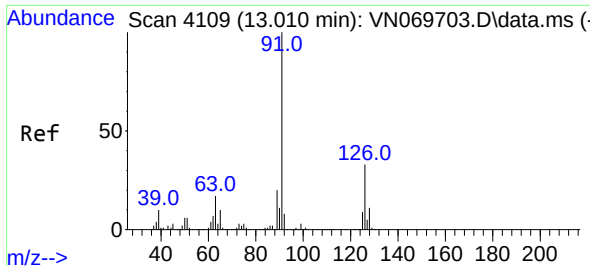


#78
n-propylbenzene
Concen: 52.847 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.002 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30



Tgt Ion: 91 Resp: 3811413
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.9





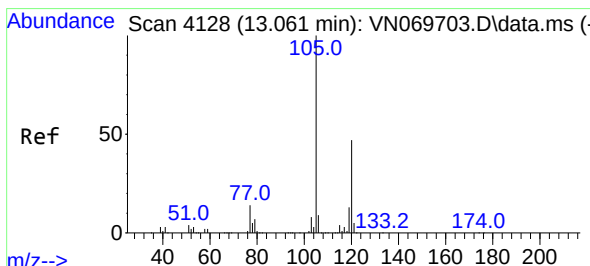
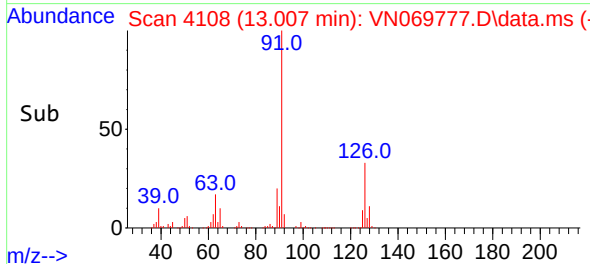
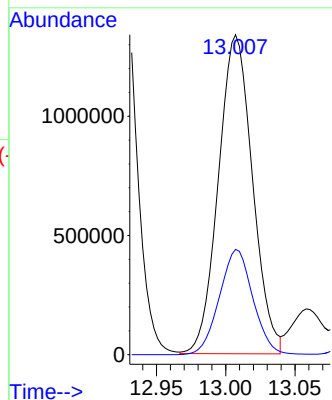
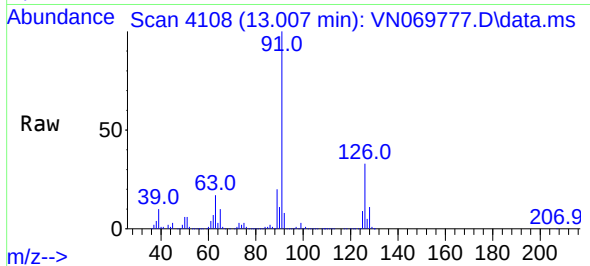
#79
2-Chlorotoluene
Concen: 50.328 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 229352
Ion Ratio Lower Upper
91 100
126 32.5 18.3 54.8

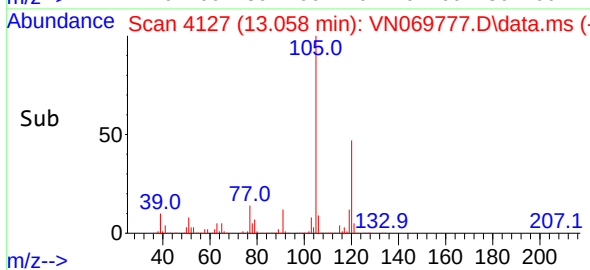
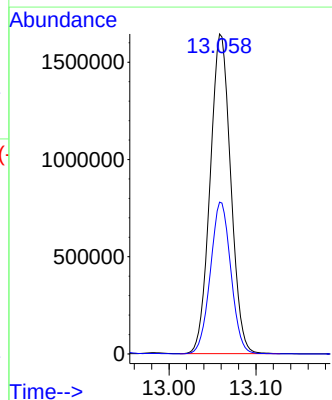
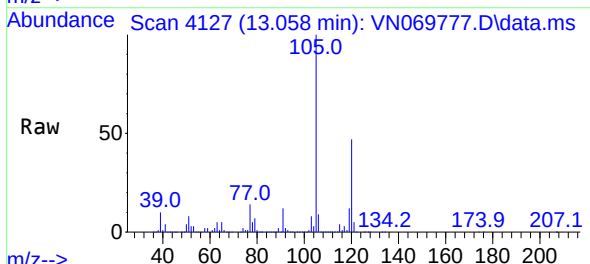
Manual Integrations
APPROVED

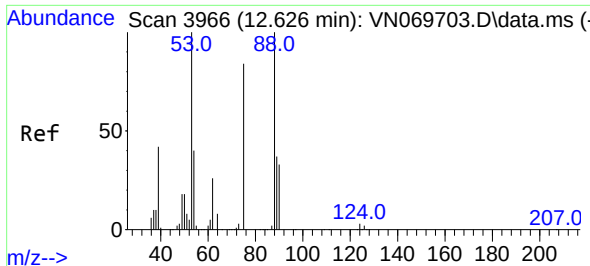
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#80
1,3,5-Trimethylbenzene
Concen: 51.907 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.002 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

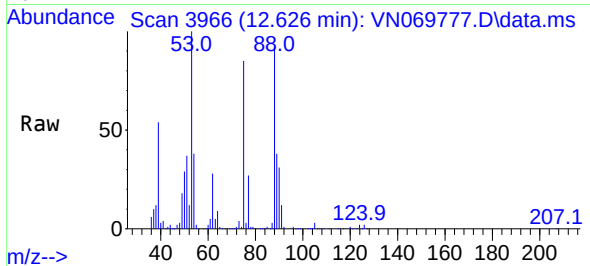
Tgt Ion:105 Resp: 2707770
Ion Ratio Lower Upper
105 100
120 47.2 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 48.065 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

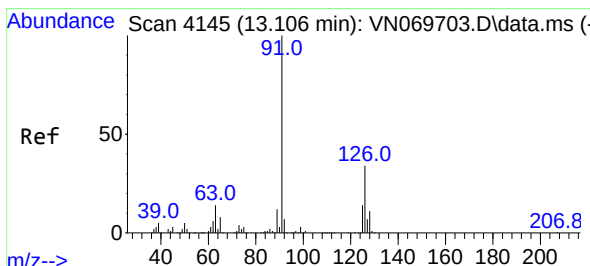
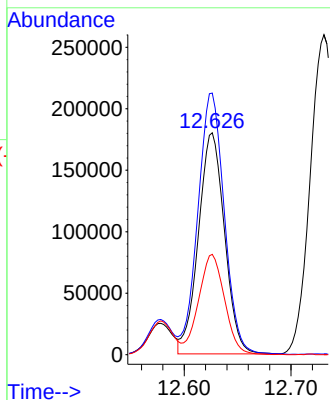
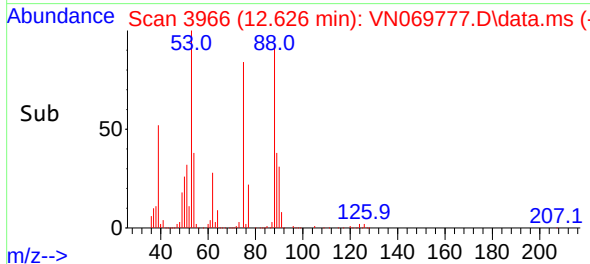
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



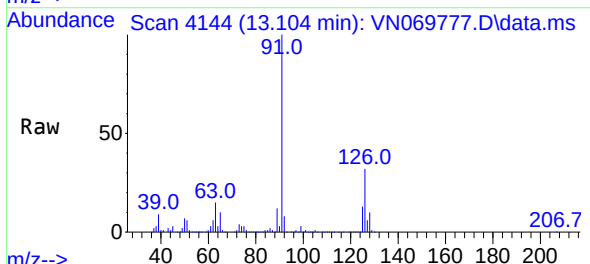
Tgt Ion: 75 Resp: 305699
Ion Ratio Lower Upper
75 100
53 119.1 90.5 135.7
89 45.1 38.2 57.4

Manual Integrations
APPROVED

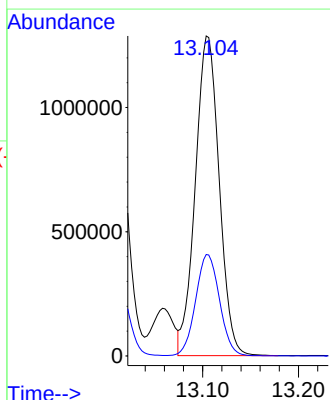
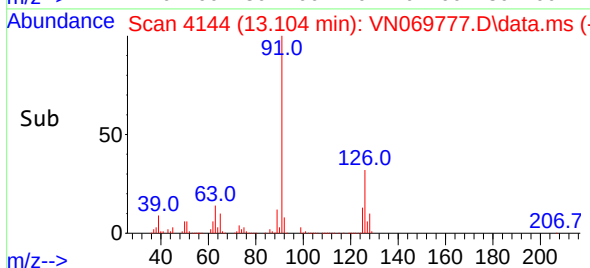
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

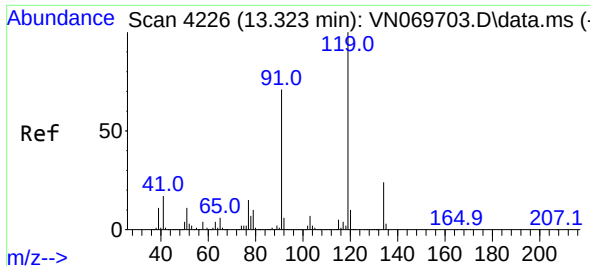


#82
4-Chlorotoluene
Concen: 51.974 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30



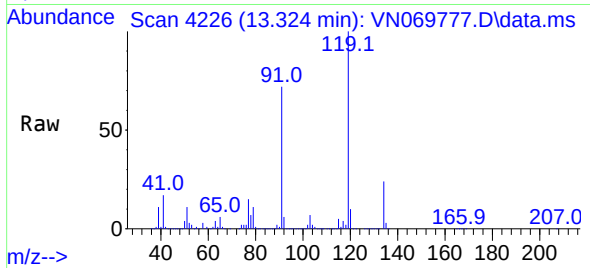
Tgt Ion: 91 Resp: 2227419
Ion Ratio Lower Upper
91 100
126 31.9 18.2 54.6





#83
tert-Butylbenzene
Concen: 50.096 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

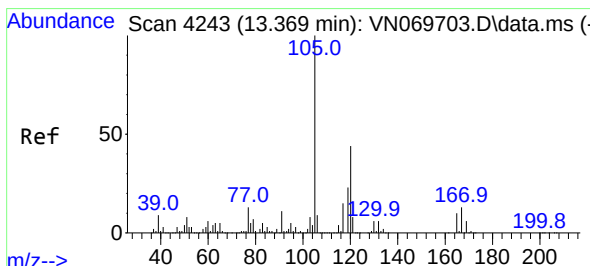
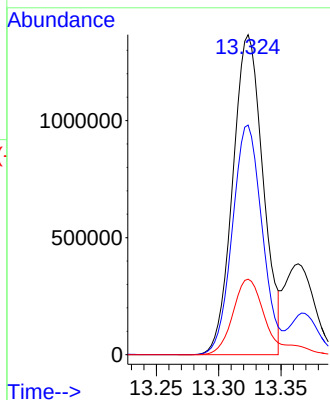
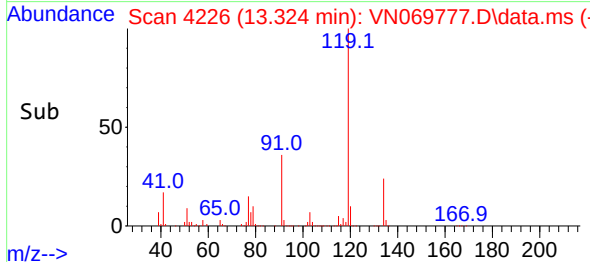
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



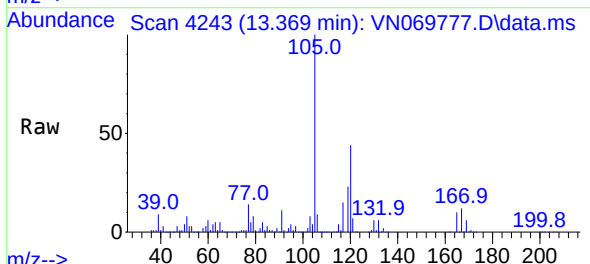
Tgt Ion:119 Resp: 2314010
Ion Ratio Lower Upper
119 100
91 70.7 31.5 94.5
134 26.2 12.4 37.4

Manual Integrations
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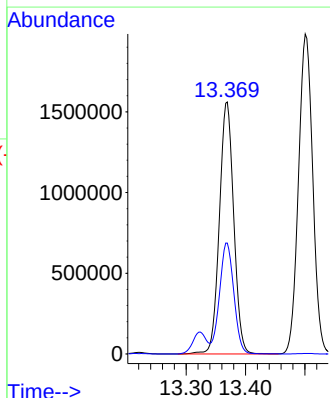
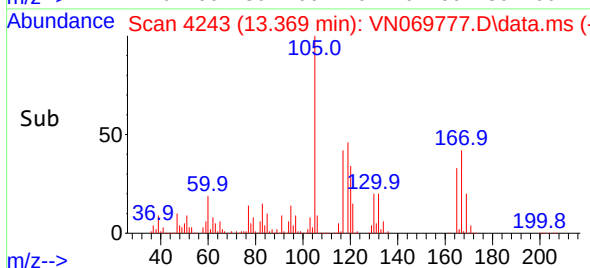
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

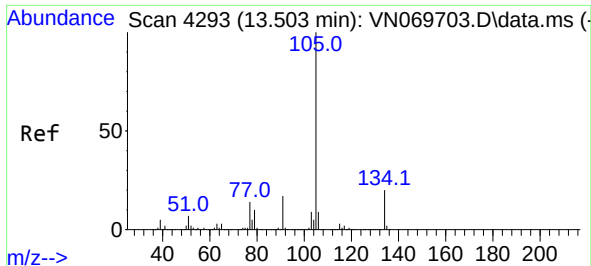


#84
1,2,4-Trimethylbenzene
Concen: 52.907 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30



Tgt Ion:105 Resp: 2628442
Ion Ratio Lower Upper
105 100
120 44.0 22.8 68.4





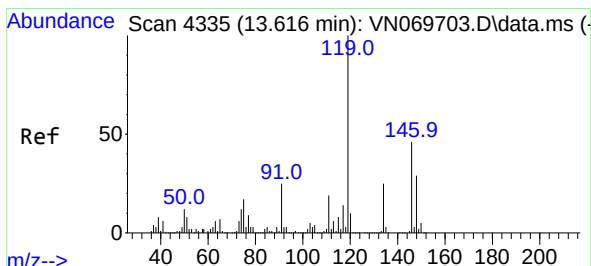
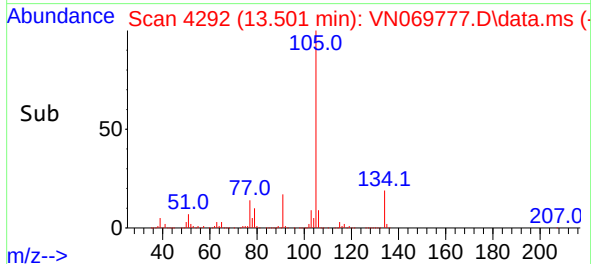
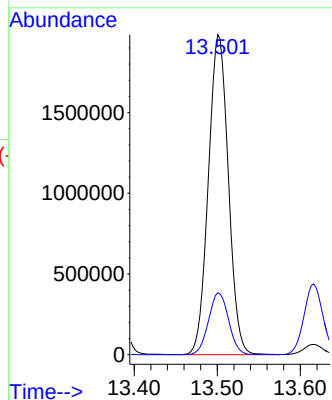
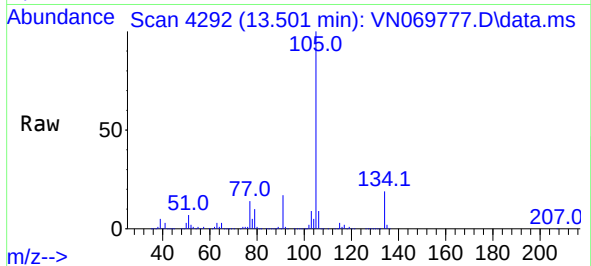
#85
 sec-Butylbenzene
 Concen: 52.724 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.003 min
 Lab File: VN069777.D
 Acq: 6 Dec 2021 11:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 330336
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

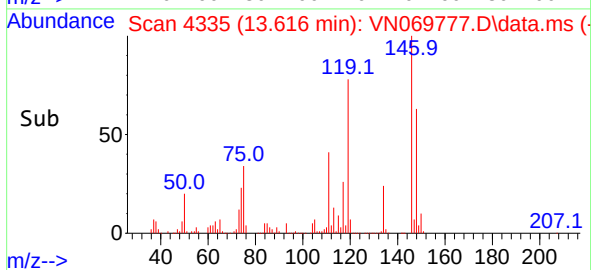
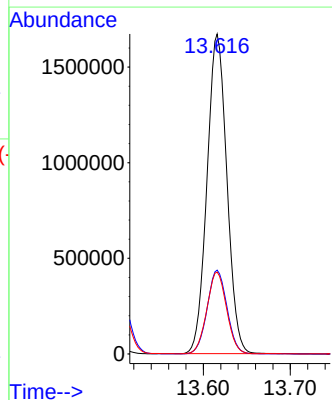
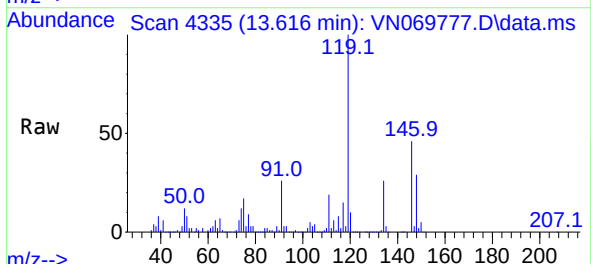
Manual Integrations
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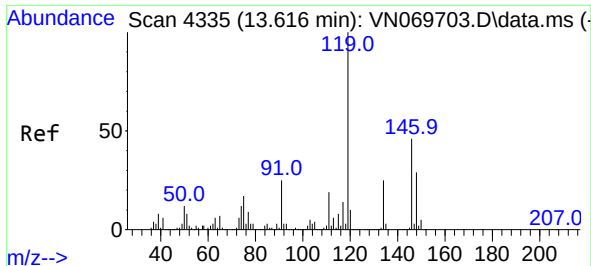
Reviewed By :John Carlone 12/07/2021
 Supervised By :Mahesh Dadoda 12/10/2021



#86
 p-Isopropyltoluene
 Concen: 54.177 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069777.D
 Acq: 6 Dec 2021 11:30

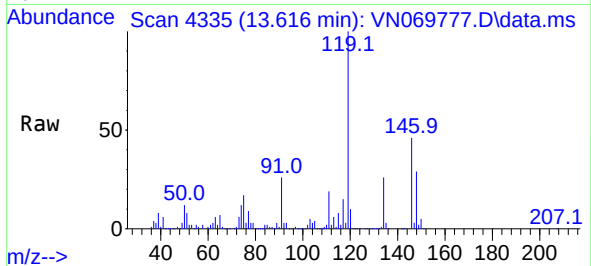
Tgt Ion:119 Resp: 2653253
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.6 40.7
 91 25.4 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 52.403 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

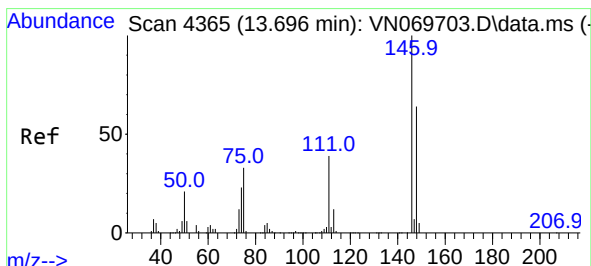
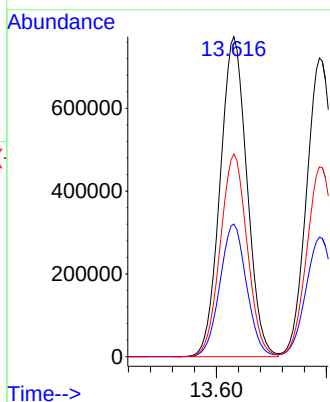
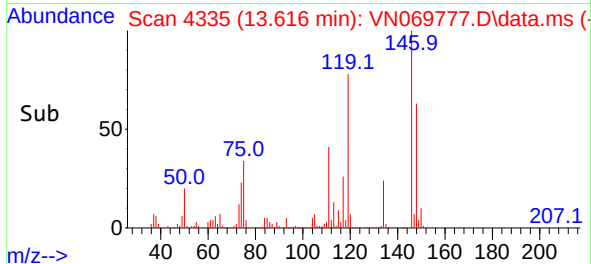
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



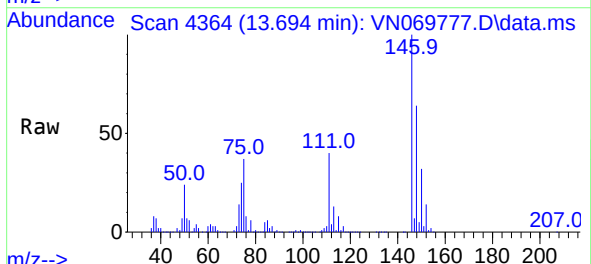
Tgt Ion:146 Resp: 1310580
Ion Ratio Lower Upper
146 100
111 41.3 18.6 55.6
148 63.6 31.6 95.0

Manual Integrations
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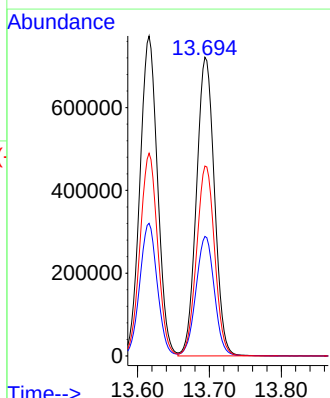
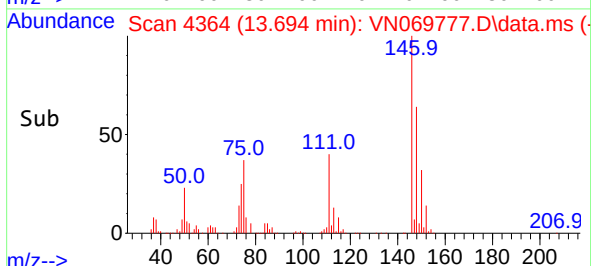
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

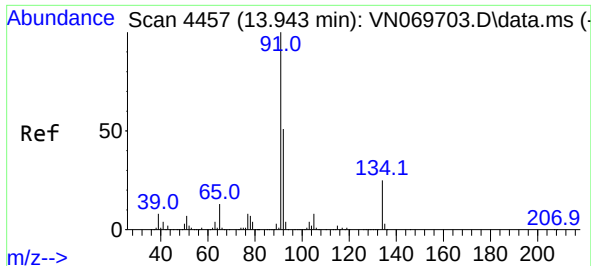


#88
1,4-Dichlorobenzene
Concen: 51.167 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30



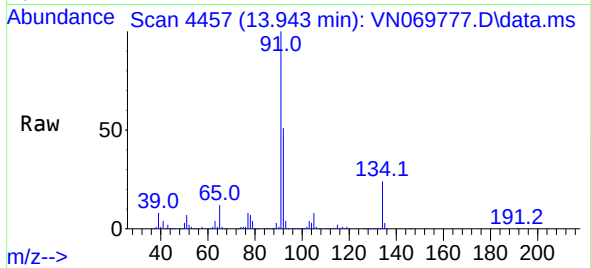
Tgt Ion:146 Resp: 1257549
Ion Ratio Lower Upper
146 100
111 40.7 18.3 54.8
148 64.2 31.8 95.4





#89
n-Butylbenzene
Concen: 55.585 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

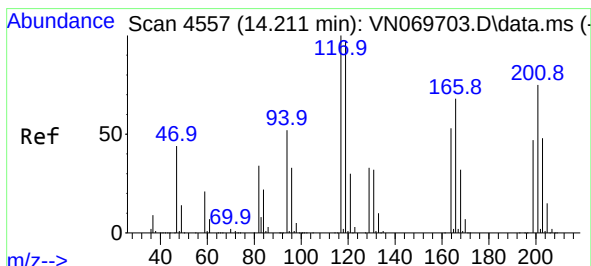
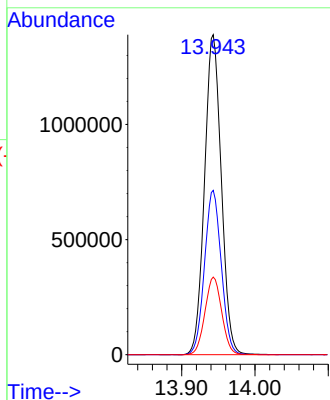
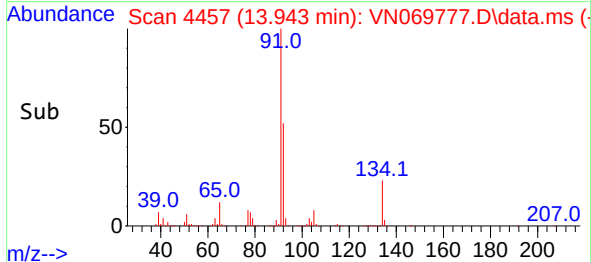
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



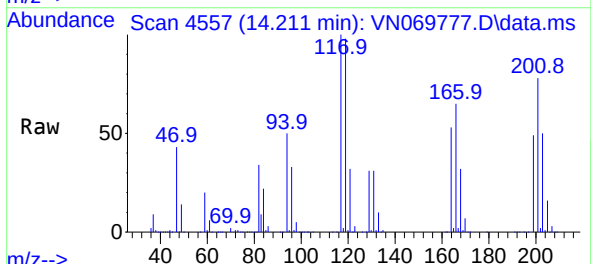
Tgt Ion: 91 Resp: 2208260
Ion Ratio Lower Upper
91 100
92 51.4 25.4 76.0
134 24.3 13.6 40.8

Manual Integrations
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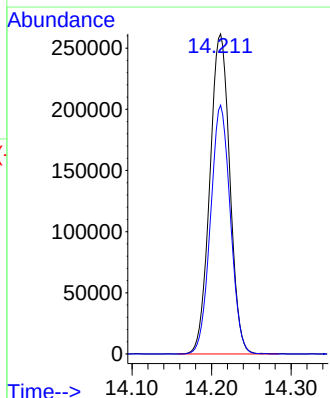
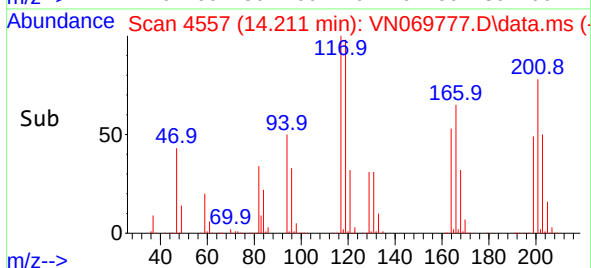
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

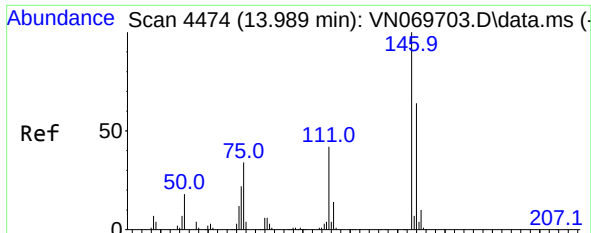


#90
Hexachloroethane
Concen: 53.195 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30



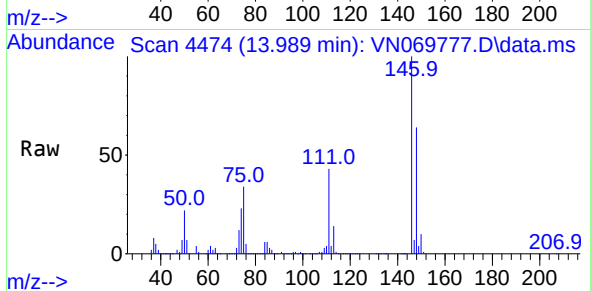
Tgt Ion:117 Resp: 457390
Ion Ratio Lower Upper
117 100
201 77.2 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 50.891 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

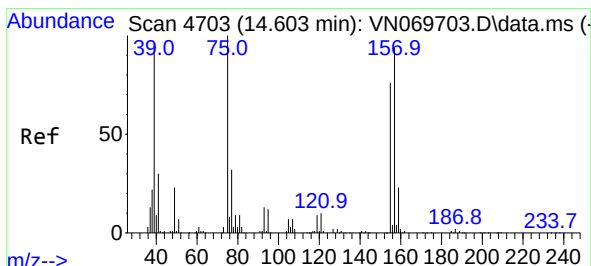
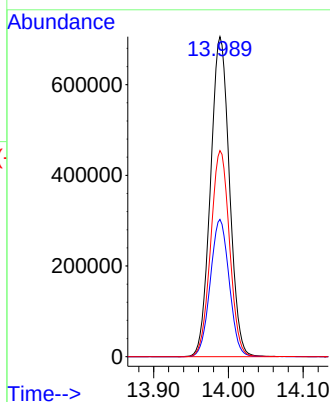
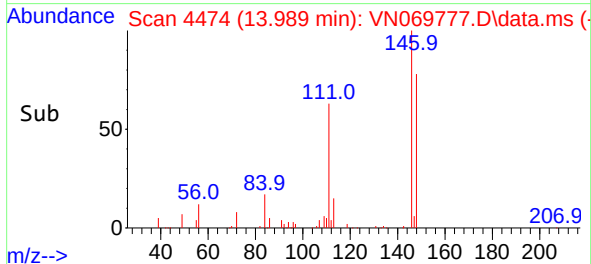
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



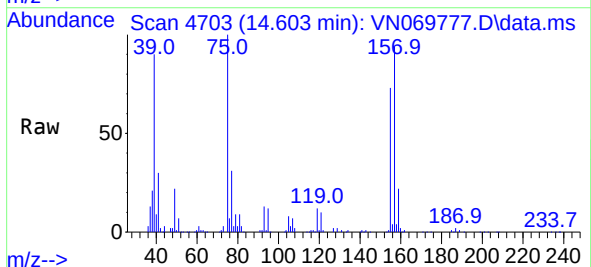
Tgt Ion:146 Resp: 124011
Ion Ratio Lower Upper
146 100
111 42.8 19.1 57.3
148 64.3 32.1 96.3

Manual Integrations
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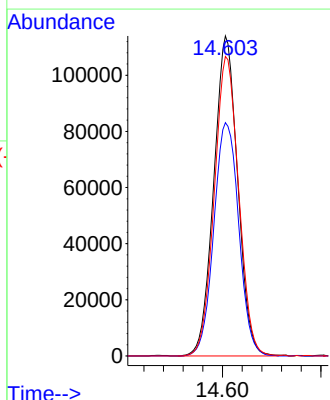
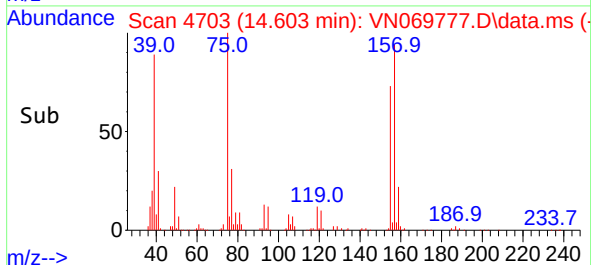
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

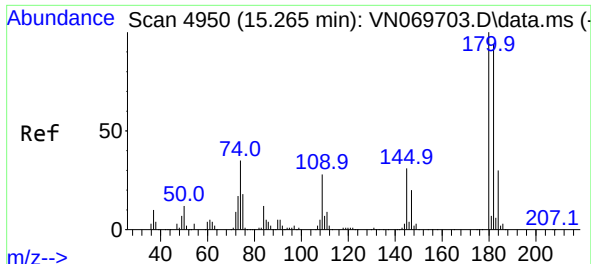


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.572 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30



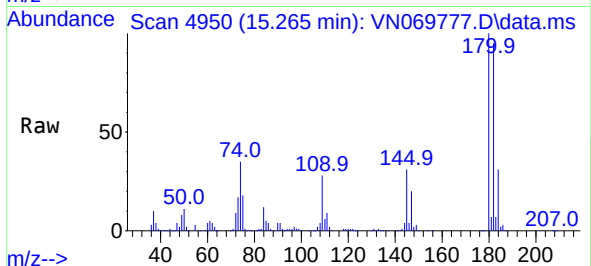
Tgt Ion: 75 Resp: 192661
Ion Ratio Lower Upper
75 100
155 76.2 46.9 140.7
157 95.6 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 48.070 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

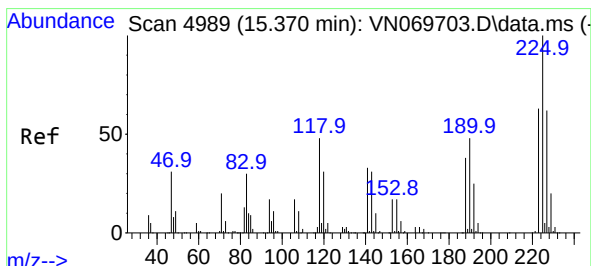
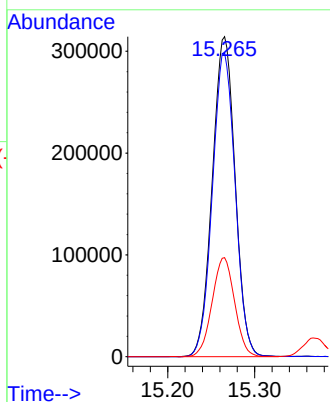
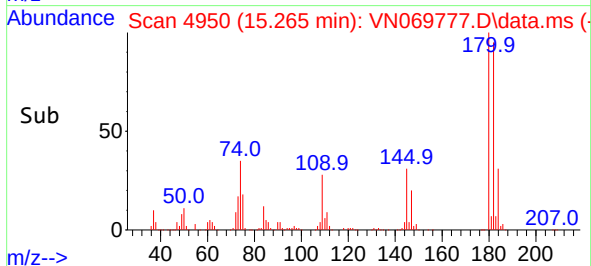
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



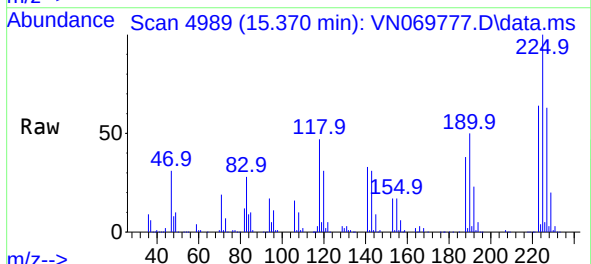
Tgt Ion:180 Resp: 573099
Ion Ratio Lower Upper
180 100
182 94.7 48.3 144.9
145 30.6 14.5 43.5

Manual Integrations
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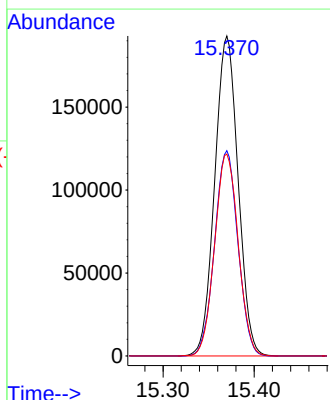
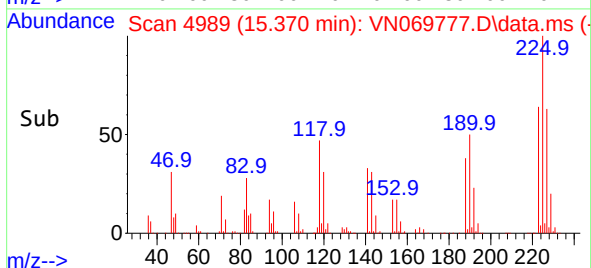
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

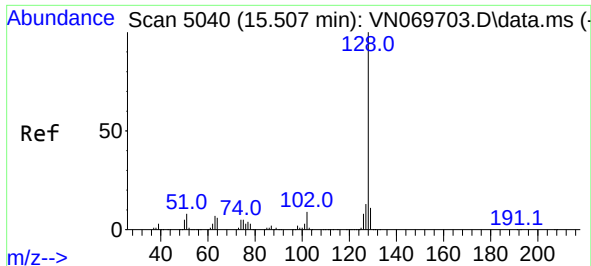


#94
Hexachlorobutadiene
Concen: 53.205 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30



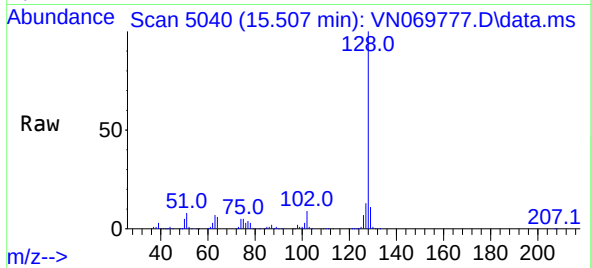
Tgt Ion:225 Resp: 343600
Ion Ratio Lower Upper
225 100
223 64.1 31.9 95.7
227 63.9 32.1 96.3





#95
Naphthalene
Concen: 41.016 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30

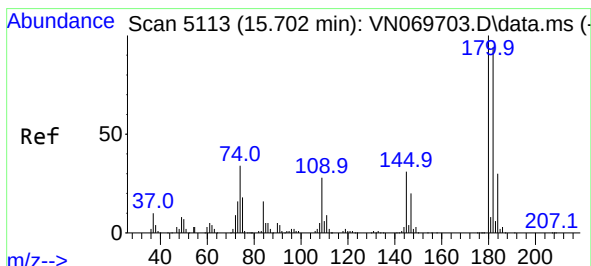
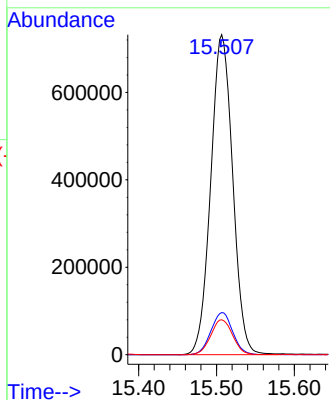
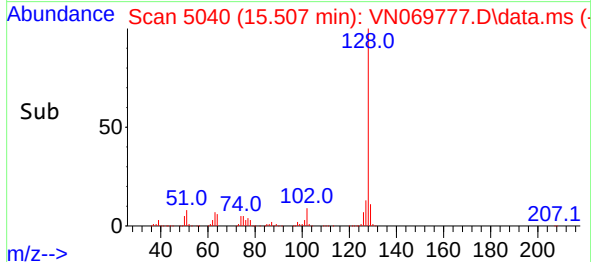
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



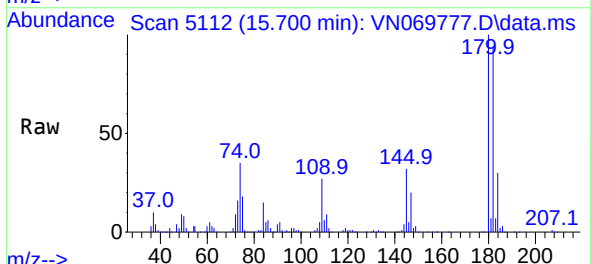
Tgt Ion:128 Resp: 143243
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#96
1,2,3-Trichlorobenzene
Concen: 47.374 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069777.D
Acq: 6 Dec 2021 11:30



Tgt Ion:180 Resp: 550242
Ion Ratio Lower Upper
180 100
182 95.6 47.4 142.2
145 32.6 15.0 45.1

